



December 7, 2020

SRNS-J2000-2020-00823

Track Number: 10693

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**Sixth Five-Year Remedy Review Report for Savannah River Site Operable Units with Groundwater Remedies (SRNS-RP-2019-00511, Revision 1, July 2020) and Savannah River Site Fact Sheet for SRS Operable Units with Groundwater Remedies (SRNS-RP-2019-00743, July 2020)**

Please make the above document available to the general public for a minimum of 30 days beginning on December 9, 2020, after which they may be discarded.

Please acknowledge receipt of the document by email to [LeAnne.Barkley@srs.gov](mailto:LeAnne.Barkley@srs.gov). If you have any questions, please call me at (803) 725-5633 or e-mail me at above address.

Sincerely,

*Dexter McDaniel*

*for*

Le Anne Barkley  
EC & ACP Records  
730-4B, Room 135

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## **ADMINISTRATIVE RECORD FILE**

### **Sixth Five-Year Remedy Review Report for Savannah River Site Operable Units with Groundwater Remedies (SRNS-RP-2019-00511, Revision 1, July 2020) and Savannah River Site Fact Sheet for SRS Operable Units with Groundwater Remedies (SRNS-RP-2019-00743, July 2020)**

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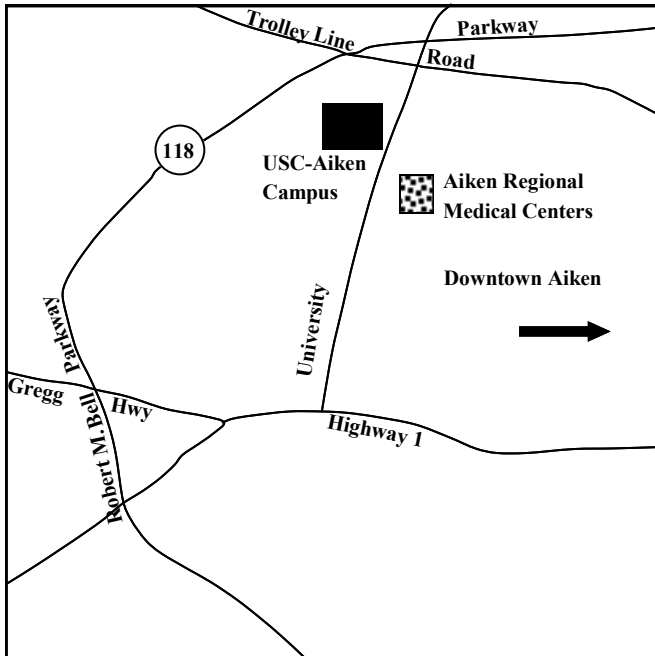
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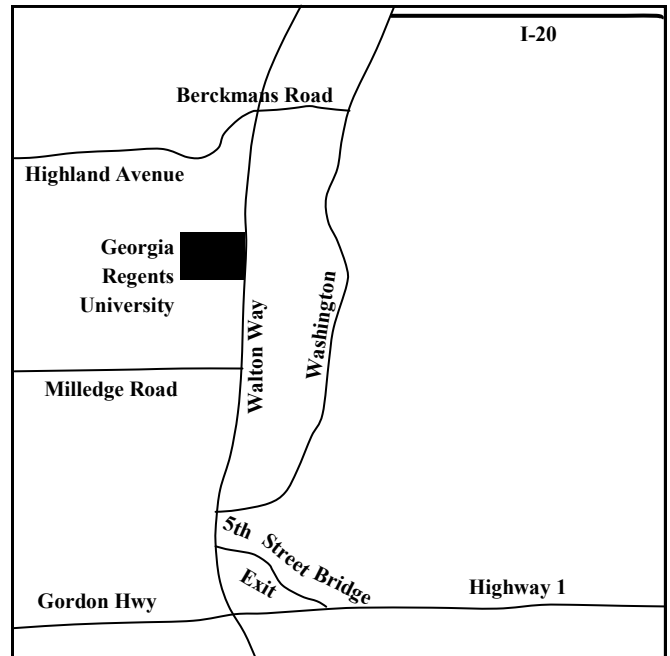
Angela Benfield  
Savannah River Nuclear Solutions, LLC  
Savannah River Site  
Building 730-1B  
Aiken, SC 29808  
1-803-952-9830  
[Angela.Benfield@srs.gov](mailto:Angela.Benfield@srs.gov)

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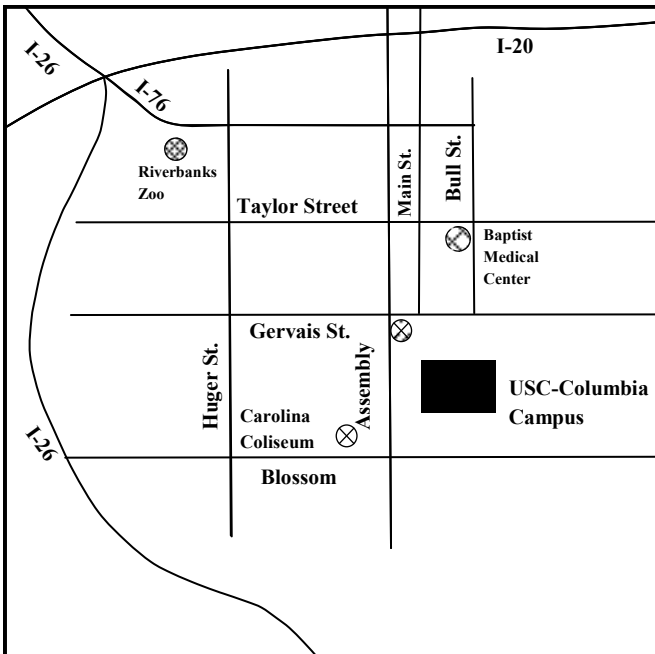
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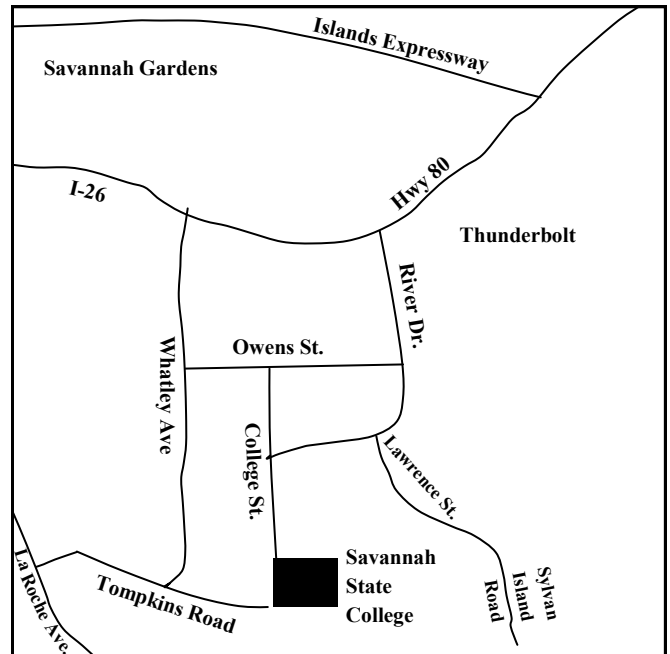
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| Catalog Num | Date                       | Doc Number           | Track # | Title                                                                                                                                                                                                        | Author            | Addressee         |
|-------------|----------------------------|----------------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------|
| 000005      | 01/31/91<br>12:00:00<br>AM | 000005               | 10693   | U. S. DEPARTMENT OF ENERGY-SAVANNAH RIVER OPERATIONS OFFICE (DOE-SR) DESIGNATION OF PROJECT MANAGER (PM) FOR COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT (CERCLA) FEDERAL FACILITY | S. R. WRIGHT      | D. J. GUINYARD    |
| 000007      | 07/31/91<br>12:00:00<br>AM | 000007               | 10693   | REVIEW COMMENTS ON THE DRAFT PUBLIC INVOLVEMENT PLAN (WSRC-RP-91-445, REV. 0)                                                                                                                                | L. R. BEDENBAUGH  | D. E. GORDON      |
| 000009      | 12/05/90<br>12:00:00<br>AM | MR-90-273            | 10693   | MINUTES OF USEPA/SCDHEC/SRS FFA WORKING MEETING, DECEMBER 5, 1990                                                                                                                                            | WSRC              |                   |
| 000010      | 01/04/91<br>12:00:00<br>AM | 000010               | 10693   | USEPA ENVIRONMENTAL MONITORING DATA REPORTING REQUIREMENTS                                                                                                                                                   | J. H. SCARBOROUGH | S. R. WRIGHT      |
| 000011      | 04/01/90<br>01:00:00<br>AM | OSWER<br>9355.0-27FS | 10693   | A GUIDE TO SELECTING SUPERFUND REMEDIAL ACTIONS (FACT SHEET)                                                                                                                                                 | USEPA             |                   |
| 000012      | 01/31/91<br>12:00:00<br>AM | ESH-ERG-910155       | 10693   | SUBMITTAL LETTER FOR SAVANNAH RIVER SITE (SRS) COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT DRAFT FEDERAL FACILITY AGREEMENT (FFA) MAILING LIST                                     | C. R. SHERMAN     | D. J. GUINYARD    |
| 000013      | 02/01/91<br>12:00:00<br>AM | ESH-ERG-910161       | 10693   | SUBMITTAL OF SAVANNAH RIVER SITE (SRS) REVISION OF APPENDICES D AND F OF THE DRAFT COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT (CERCLA) FEDERAL FACILITY AGREEMENT (FFA)           | C. R. SHERMAN     | D. J. GUINYARD    |
| 000014      | 12/21/90<br>12:00:00<br>AM | ESH-ERG-900823       | 10693   | RESPONSE TO LETTER OF DECEMBER 12, 1990 FROM J. H. SCARBOROUGH, USEPA TO S. R. WRIGHT, DOE-SR: ENVIRONMENTAL RESTORATION GUIDANCE                                                                            | C. R. SHERMAN     | J. H. SCARBOROUGH |
| 000039      | 01/01/90<br>12:00:00<br>AM | EPA-450/1-90-001     | 10693   | AIR/SUPERFUND NATIONAL TECHNICAL STUDY SERIES: SUPERFUND AIR PATHWAY ANALYSES REVIEW CRITERIA CHECKLISTS: FINAL                                                                                              | USEPA             |                   |
| 000041      | 07/01/89<br>12:00:00<br>AM | ESH-EMS-890044       | 10693   | THE SAVANNAH RIVER SITE'S GROUNDWATER MONITORING PROGRAM, SECOND QUARTER 1989                                                                                                                                | WSRC              |                   |
| 000047      | 09/24/90<br>12:00:00<br>AM | 000047               | 10693   | U.S. DEPARTMENT OF ENERGY-SAVANNAH RIVER OPERATIONS OFFICE (SR) DESIGNATION OF PROJECT MANAGER FOR COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT (CERCLA) FEDERAL FACILITY           | S. R. WRIGHT      | P. M. TOBIN       |
| 000048      | 04/03/90<br>12:00:00<br>AM | 000048               | 10693   | APPLICABILITY OF RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) AND COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT (CERCLA) TO SAVANNAH RIVER SITE (SRS) SHOOTING RANGES               | S. R. WRIGHT      | W. W. CULLER      |
| 000051      | 07/01/89<br>12:00:00<br>AM | EPA-450/1-89-001     | 10693   | AIR/SUPERFUND NATIONAL TECHNICAL STUDY SERIES: VOLUME I - APPLICATION OF AIR PATHWAY ANALYSES FOR SUPERFUND ACTIVITIES: INTERIM FINAL                                                                        | USEPA             |                   |
| 000052      | 01/01/89<br>12:00:00<br>AM | EPA-450/1-89-003     | 10693   | AIR/SUPERFUND NATIONAL TECHNICAL STUDY SERIES: VOLUME III - ESTIMATIONS OF AIR EMISSIONS FROM CLEANUP ACTIVITIES AT SUPERFUND SITES: INTERIM FINAL                                                           | USEPA             |                   |
| 000053      | 07/01/89<br>12:00:00<br>AM | EPA-450/1-89-004     | 10693   | AIR/SUPERFUND NATIONAL TECHNICAL STUDY SERIES: VOLUME IV - PROCEDURES FOR DISPERSION MODELING AND AIR MONITORING FOR SUPERFUND PATHWAY ANALYSIS: INTERIM FINAL                                               | USEPA             |                   |

| Catalog Num | Date                       | Doc Number                             | Track # | Title                                                                                                                                                                                   | Author | Addressee |
|-------------|----------------------------|----------------------------------------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------|
| 000054      | 01/08/90<br>12:00:00<br>AM | EPA-450/1-89-002                       | 10693   | AIR/SUPERFUND NATIONAL TECHNICAL STUDY SERIES: VOLUME II - ESTIMATION OF BASELINE AIR EMISSIONS AT SUPERFUND SITES                                                                      | USEPA  |           |
| 000055      | 01/01/88<br>12:00:00<br>AM | 000055                                 | 10693   | CONTRACT LABORATORY PROGRAM STATEMENT OF WORK FOR ORGANIC ANALYSIS, 1988                                                                                                                | USEPA  |           |
| 000056      | 01/01/87<br>12:00:00<br>AM | EPA/540/G-87/003<br>OSWER<br>9355.0-7B | 10693   | DATA QUALITY OBJECTIVES FOR REMEDIAL RESPONSE ACTIVITIES, DEVELOPMENT PROCESS                                                                                                           | USEPA  |           |
| 000057      | 07/01/89<br>12:00:00<br>AM | EPA/540/G-89/007<br>OSWER<br>9355.3-02 | 10693   | GUIDANCE ON PREPARING SUPERFUND DECISION DOCUMENTS: THE PROPOSED PLAN, THE RECORD OF DECISION, EXPLANATION OF SIGNIFICANT DIFFERENCES, THE RECORD OF DECISION AMENDMENT (INTERIM FINAL) | USEPA  |           |
| 000058      | 01/01/88<br>12:00:00<br>AM | 000058                                 | 10693   | LABORATORY DATA VALIDATION FUNCTIONAL GUIDELINES FOR EVALUATING ORGANICS ANALYSIS, 1988                                                                                                 | USEPA  |           |
| 000059      | 01/01/83<br>12:00:00<br>AM | EPA/600/4-79-020                       | 10693   | METHODS FOR CHEMICAL ANALYSES OF WATER AND WASTES                                                                                                                                       | USEPA  |           |
| 000060      | 01/01/80<br>12:00:00<br>AM | EPA/4-80-04                            | 10693   | PRESCRIBED PROCEDURES FOR MEASUREMENT OF RADIOACTIVITY IN DRINKING WATER                                                                                                                | USEPA  |           |
| 000061      | 01/01/89<br>12:00:00<br>AM | EPA/530/SW-89-01                       | 10693   | RCRA FACILITY INVESTIGATION (RFI) GUIDANCE, VOLUME I, INTERIM FINAL, 1989                                                                                                               | OSWER  |           |
| 000062      | 01/01/86<br>12:00:00<br>AM | EPA/SW-846                             | 10693   | TEST METHODS FOR EVALUATING SOLID WASTE, PHYSICAL/CHEMICAL METHODS                                                                                                                      | OSWER  |           |
| 000063      | 01/01/89<br>12:00:00<br>AM | EPA/530/SW-89-01                       | 10693   | RCRA FACILITY INVESTIGATION (RFI) GUIDANCE, VOL. 1, DEVELOPMENT OF RFI WORK PLAN AND GENERAL CONSIDERATIONS FOR RCRA FACILITY INVESTIGATIONS                                            | OSWER  |           |
| 000064      | 04/01/86<br>01:00:00<br>AM | 000064                                 | 10693   | ENGINEERING SUPPORT BRANCH STANDARD OPERATING PROCEDURES AND QUALITY ASSURANCE MANUAL                                                                                                   | USEPA  |           |
| 000065      | 06/01/85<br>12:00:00<br>AM | 000065                                 | 10693   | ANALYTICAL SUPPORT BRANCH OPERATIONS AND QUALITY CONTROL MANUAL                                                                                                                         | USEPA  |           |
| 000066      | 01/01/88<br>12:00:00<br>AM | EPA/540/G-89/006<br>OSWER<br>9234.1-01 | 10693   | CERCLA COMPLIANCE WITH OTHER LAWS MANUAL - INTERIM FINAL                                                                                                                                | OERR   |           |
| 000067      | 01/01/87<br>12:00:00<br>AM | EPA/540/G-87-004                       | 10693   | DATA QUALITY OBJECTIVES FOR REMEDIAL RESPONSE ACTIVITIES, EXAMPLE SCENARIO: RI/FS ACTIVITIES AT A SITE WITH CONTAMINATED SOILS AND GROUNDWATER                                          | USEPA  |           |
| 000068      | 01/01/88<br>12:00:00<br>AM | EPA/540/G-89-004<br>OSWER<br>9355.3-01 | 10693   | GUIDANCE FOR CONDUCTING REMEDIAL INVESTIGATIONS AND FEASIBILITY STUDIES UNDER CERCLA, INTERIM FINAL                                                                                     | OERR   |           |

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|-------------|----------------------------|----------------------------------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------|
| 000069      | 01/01/87<br>12:00:00<br>AM | DPSPU-87-30-1                          | 10693   | SAVANNAH RIVER PLANT ENVIRONMENTAL REPORT FOR 1986                                                                                                                                                                 | C. C. ZIEGLER,ET AL |            |
| 000070      | 01/01/90<br>12:00:00<br>AM | WSRC-IM-90-60,<br>VOLUME I & II        | 10693   | SAVANNAH RIVER SITE ENVIRONMENTAL REPORT FOR 1989, (WSRC-IM-90-60),<br>VOLUMES I AND II DATED JANUARY 1990                                                                                                         | C. L. CUMMINS,ET AL |            |
| 000071      | 01/01/85<br>12:00:00<br>AM | DPSPU-85-302                           | 10693   | ENVIRONMENTAL MONITORING AT THE SAVANNAH RIVER PLANT, ANNUAL REPORT<br>FOR 1984                                                                                                                                    | C. C. ZIEGLER,ET AL |            |
| 000072      | 01/01/85<br>12:00:00<br>AM | DPST-85-820                            | 10693   | GROUNDWATER PROTECTION EIS: EXISTING ENVIRONMENT: SAVANNAH RIVER                                                                                                                                                   | DU PONT DE NEMOURS  |            |
| 000073      | 01/01/85<br>12:00:00<br>AM | DPSPU-85-30-1                          | 10693   | SAVANNAH RIVER PLANT, ENVIRONMENTAL REPORT FOR 1984                                                                                                                                                                | DU PONT DE NEMOURS  |            |
| 000074      | 01/01/86<br>12:00:00<br>AM | DPSPU-86-30-1,<br>VOLUME I & II        | 10693   | SAVANNAH RIVER PLANT ENVIRONMENTAL REPORT FOR 1985, VOLUMES I AND II                                                                                                                                               | C. C. ZIEGLER,ET AL |            |
| 000075      | 01/01/87<br>12:00:00<br>AM | DOE/EIS-0120,<br>VOLUME I, II, & III   | 10693   | FINAL ENVIRONMENTAL IMPACT STATEMENT WASTE MANAGEMENT ACTIVITIES FOR<br>GROUNDWATER PROTECTION, SAVANNAH RIVER PLANT, AIKEN, SC, VOLUMES I, II,<br>AND III                                                         | USDOE               |            |
| 000076      | 01/01/88<br>12:00:00<br>AM | DPSPU-88-30-1,<br>VOLUME I & II        | 10693   | SAVANNAH RIVER PLANT ENVIRONMENTAL REPORT FOR 1987, VOLUMES I AND II                                                                                                                                               | S. C. MIKOL,ET AL   |            |
| 000077      | 01/01/89<br>12:00:00<br>AM | WSRC-RP-89-59-11<br>VOLUME I & II      | 10693   | SAVANNAH RIVER SITE ENVIRONMENTAL REPORT FOR 1988, (WSRC-RP-89-59-1),<br>VOLUMES I AND II, DATED JANUARY 1989                                                                                                      | H. A. DAVIS,ET AL   |            |
| 000079      | 08/01/84<br>12:00:00<br>AM | CORR-84-00075                          | 10693   | INSTALLATION OF DEEP OBSERVATION WELL CLUSTERS P-13, P-14, AND P-15<br>SAVANNAH RIVER PLANT AIKEN, SC. PREPARED FOR E. I. DU PONT DE NEMOURS AND<br>COMPANY BY GERAGHTY & MILLER, INC., AUGUST 1984, CORR-84-00075 | WSRC                |            |
| 000082      | 11/01/90<br>01:00:00<br>AM | WSRC-RP-90-1041<br>VOLUME I            | 10693   | WASTE MANAGEMENT UNITS - SAVANNAH RIVER SITE - (WSRC-RP-90-1046), VOLUME I,<br>DATED NOVEMBER 1990                                                                                                                 | WSRC                |            |
| 000083      | 07/01/89<br>12:00:00<br>AM | EPA/540/G-89/007<br>OSWER<br>9355.3-02 | 10693   | GUIDANCE ON PREPARING SUPERFUND DECISION DOCUMENTS: THE PROPOSED<br>PLAN, THE RECORD OF DECISION, EXPLANATION OF SIGNIFICANT DIFFERENCES, THE<br>RECORD OF DECISION AMENDMENT                                      | USEPA               |            |
| 000085      | 11/15/89<br>12:00:00<br>AM | WSRC-RP-89-1191                        | 10693   | GROUNDWATER QUALITY ASSESSMENT/CORRECTIVE ACTION FEASIBILITY PLAN,<br>(WSRC-RP-89-1199) DATED NOVEMBER 1989                                                                                                        | R. L. NICHOLS       |            |
| 000086      | 02/20/91<br>12:00:00<br>AM | 000086                                 | 10693   | USEPA SCHEDULE EXTENSION REQUESTS                                                                                                                                                                                  | J. H. SCARBOROUGH   | S,R,WRIGHT |
| 000091      | 01/01/86<br>12:00:00<br>AM | DPST-86-298                            | 10693   | METHODOLOGY AND PARAMETERS FOR ASSESSING HUMAN HEALTH EFFECTS FOR<br>WASTE SITES AT THE SAVANNAH RIVER LABORATORY (SRL)                                                                                            | C. M. KING,ET AL.   |            |

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| 000092      | 02/01/90<br>12:00:00 | OSWER<br>9319.0-01FS  | 10693   | THE FINAL NATIONAL CONTINGENCY PLAN: NEW DIRECTIONS FOR SUPERFUND                                                                                                                       | USEPA                |                |
| 000099      | 01/01/82<br>12:00:00 | DPST-82-725           | 10693   | THE BURIAL GROUND AS A CONTAINMENT SYSTEM: 25 YEARS OF SUBSURFACE MONITORING AT THE SAVANNAH RIVER PLANT FACILITY                                                                       | J. W. FENIMORE       |                |
| 000100      | 01/01/82<br>12:00:00 | DPST-87-724           | 10693   | DEVELOPMENT OF ACCURATE STANDARDIZED ALGORITHMS FOR CONVERSION BETWEEN SRP GRID COORDINATES AND LATITUDE/LONGITUDE                                                                      | B. B. LOONEY,ET. AL. |                |
| 000104      | 12/01/89<br>12:00:00 | OSWER<br>9234.2-05/FS | 10693   | CERCLA COMPLIANCE WITH STATE REQUIREMENTS                                                                                                                                               | USEPA                |                |
| 000109      | 08/30/90<br>12:00:00 | WSRC-RP-90-103        | 10693   | GEOCHEMICAL AND PHYSICAL PROPERTIES OF SOILS AND SHALLOW SEDIMENTS AT SAVANNAH RIVER SITE                                                                                               | B. B. LOONEY,ET. AL. |                |
| 000121      | 04/26/91<br>12:00:00 | 000121                | 10693   | SCDHEC APPROVAL OF SCHEDULE EXTENSION REQUESTS                                                                                                                                          | A. COFFEY            | M. P. WILSON   |
| 000123      | 03/26/91<br>01:00:00 | 000123                | 10693   | CORRESPONDENCE REGARDING SAVANNAH RIVER SITE (SRS) COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT (CERCLA) ACTIVITIES                                            | S. R. WRIGHT         | D. J. GUINYARD |
| 000127      | 04/30/91<br>12:00:00 | 000127                | 10693   | CORRESPONDENCE REQUIREMENTS FEDERAL FACILITY AGREEMENT SAVANNAH RIVER SITE, AIKEN, SOUTH CAROLINA                                                                                       | D. J. GUINYARD       | S. R. WRIGHT   |
| 000128      | 03/20/91<br>01:00:00 | MR-91-096R            | 10693   | MINUTES OF EPA/SCDHEC/SRS FFA WORKING MEETING, MARCH 20, 1991                                                                                                                           | WSRC                 |                |
| 000129      | 02/15/91<br>12:00:00 | MR-91-070R            | 10693   | MINUTES OF EPA/SCDHEC/SRS MEETING TO DISCUSS ISSUES REGARDING ENVIRONMENTAL INVESTIGATION AND RESTORATION, FEBRUARY 15, 1991                                                            | WSRC                 |                |
| 000131      | 05/15/91<br>12:00:00 | 000131                | 10693   | RCRA POST-CLOSURE CARE PERMIT REQUIREMENTS 40 CFR 264 - INTERIM STATUS CLEAN CLOSURE EQUIVALENCY STANDARDS - DEPARTMENT OF ENERGY - SAVANNAH RIVER SITE EPA I.D. NUMBER SCI 890 008 989 | J. H. SCARBOROUGH    | S. R. WRIGHT   |
| 000132      | 05/12/89<br>12:00:00 | OSWER<br>9476.00-18   | 10693   | GUIDANCE ON DEMONSTRATING EQUIVALENCE OF PART 265 CLEAN CLOSURE WITH PART 264 REQUIREMENTS                                                                                              | WSRC                 |                |
| 000133      | 04/04/91<br>01:00:00 | 000133                | 10693   | GUIDANCE FOR PREPARING CLEAN CLOSURE EQUIVALENCY DEMONSTRATIONS                                                                                                                         | USEPA                |                |
| 000140      | 05/20/91<br>12:00:00 | 000140                | 10693   | USEPA ENVIRONMENTAL RESTORATION REQUIREMENTS                                                                                                                                            | J. H. SCARBOROUGH    | J. S. ROBERTS  |
| 000141      | 02/26/91<br>12:00:00 | ESH-ERG-910159        | 10693   | INCLUSION OF DRAFT PRIMARY DOCUMENTS IN THE CERCLA ADMINISTRATIVE RECORD                                                                                                                | J. S. ROBERTS        | D. J. GUINYARD |

| Catalog Num | Date                       | Doc Number                              | Track # | Title                                                                                           | Author       | Addressee         |
|-------------|----------------------------|-----------------------------------------|---------|-------------------------------------------------------------------------------------------------|--------------|-------------------|
| 000142      | 05/06/91<br>12:00:00<br>AM | ESH-EMS-900133                          | 10693   | THE SAVANNAH RIVER SITE'S GROUNDWATER MONITORING PROGRAM, THIRD QUARTER 1990 (U)                | WSRC         |                   |
| 000145      | 06/10/91<br>12:00:00<br>AM | 000145                                  | 10693   | DOE RESPONSE TO EPA LETTER (GUINYARD TO WRIGHT, 6/30/91) REGARDING DOE-HQ REVIEW OF DOCUMENTS   | S. R. WRIGHT | J. H. SCARBOROUGH |
| 000146      | 12/03/90<br>12:00:00<br>AM | OSWER<br>9833.3A-1                      | 10693   | FINAL GUIDANCE ON ADMINISTRATIVE RECORDS FOR SELECTING CERCLA RESPONSE ACTIONS                  | USEPA        |                   |
| 000147      | 04/01/91<br>01:00:00<br>AM | EPA/625/6-91/028                        | 10693   | REMEDIATION OF CONTAMINATED SEDIMENTS, HANDBOOK                                                 | USEPA        |                   |
| 000148      | 04/01/90<br>01:00:00<br>AM | EPA/540/G-88/001<br>OSWER<br>9230.1-03  | 10693   | SUPERFUND TECHNICAL ASSISTANCE GRANT (TAG) HANDBOOK                                             | USEPA        |                   |
| 000149      | 02/05/90<br>12:00:00<br>AM | 000149                                  | 10693   | DOE PRIMARY/SECONDARY DOCUMENTS REQUIRED UNDER A FEDERAL FACILITY AGREEMENT                     | USEPA        |                   |
| 000150      | 09/07/90<br>12:00:00<br>AM | 000150                                  | 10693   | DOE PRIMARY/SECONDARY DOCUMENTS REQUIRED UNDER A FEDERAL FACILITY AGREEMENT                     | USEPA        |                   |
| 000151      | 12/07/90<br>12:00:00<br>AM | 000151                                  | 10693   | DOE PRIMARY/SECONDARY DOCUMENTS REQUIRED UNDER A FEDERAL FACILITY AGREEMENT                     | USEPA        |                   |
| 000152      | 03/18/91<br>01:00:00<br>AM | 000152                                  | 10693   | DOE PRIMARY/SECONDARY DOCUMENTS REQUIRED UNDER A FEDERAL FACILITY AGREEMENT                     | USEPA        |                   |
| 000153      | 05/14/91<br>12:00:00<br>AM | 000153                                  | 10693   | DOE PRIMARY/SECONDARY DOCUMENTS REQUIRED UNDER A FEDERAL FACILITY AGREEMENT                     | USEPA        |                   |
| 000154      | 02/01/91<br>12:00:00<br>AM | EPA/625/3-91/018                        | 10693   | SUMMARY REPORT ON ISSUES IN ECOLOGICAL RISK ASSESSMENT                                          | USEPA        |                   |
| 000155      | 11/01/88<br>01:00:00<br>AM | OSWER<br>9836.0-1A                      | 10693   | COMMUNITY RELATIONS DURING ENFORCEMENT ACTIVITIES , CHAPTER 6                                   | USEPA        |                   |
| 000156      | 10/10/90<br>12:00:00<br>AM | OSWER<br>9283.1-03                      | 10693   | SUGGESTED ROD LANGUAGE FOR VARIOUS GROUND WATER REMEDIATION OPTIONS                             | USEPA        |                   |
| 000157      | 03/01/89<br>12:00:00<br>AM | EPA/540/1-89/001<br>OSWER<br>9285.7-01A | 10693   | RISK ASSESSMENT GUIDANCE FOR SUPERFUND VOLUME II ENVIRONMENTAL EVALUATION MANUAL, INTERIM FINAL | USEPA        |                   |
| 000158      | 06/01/85<br>12:00:00<br>AM | EPA/540/G-85/002                        | 10693   | GUIDANCE ON REMEDIAL INVESTIGATIONS UNDER CERCLA                                                | USEPA        |                   |

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| 000159      | 08/01/88<br>12:00:00<br>AM | EPA/540/2-88/002<br>OSWER<br>9380.0-21 | 10693   | TECHNOLOGICAL APPROACHES TO THE CLEANUP OF RADIOLOGICALLY CONTAMINATED SUPERFUND SITES                                             | USEPA            |           |
| 000160      | 01/01/90<br>12:00:00<br>AM | EPA/540/2-90/002<br>OSWER<br>9380.0-22 | 10693   | HANDBOOK ON IN SITU TREATMENT OF HAZARDOUS WASTE-CONTAMINATED SOILS                                                                | USEPA            |           |
| 000161      | 12/01/89<br>12:00:00<br>AM | EPA/540/1-89/002<br>OSWER              | 10693   | RISK ASSESSMENT GUIDANCE FOR SUPERFUND VOLUME I HUMAN HEALTH EVALUATION MANUAL (PART A), INTERIM FINAL                             | USEPA            |           |
| 000162      | 12/01/88<br>12:00:00<br>AM | EPA/520/1-89/004<br>OSWER              | 10693   | ASSESSMENT OF TECHNOLOGIES FOR THE REMEDIATION OF RADIOACTIVELY CONTAMINATED SUPERFUND SITES (INTERIM FINAL DRAFT)                 | USEPA            |           |
| 000163      | 06/01/88<br>12:00:00<br>AM | EPA/530-SW-88-0:<br>OSWER 9902.3       | 10693   | RCRA CORRECTIVE ACTION PLAN (INTERIM FINAL)                                                                                        | USEPA            |           |
| 000164      | 12/01/89<br>12:00:00<br>AM | OSWER<br>9234.2-03/FS                  | 10693   | OVERVIEW OF ARARS FOCUS ON AFAR WAIVERS, FACT SHEET                                                                                | USEPA            |           |
| 000165      | 06/05/91<br>12:00:00<br>AM | WSRC-RP-91-445,<br>REV. 0              | 10693   | SAVANNAH RIVER SITE DRAFT PUBLIC INVOLVEMENT PLAN, (WSRC-RP-91-445, REV.0) DATED JUNE 1991                                         | WSRC             |           |
| 000166      | 12/17/91<br>12:00:00<br>AM | 000166                                 | 10693   | DRAFT FEDERAL FACILITY AGREEMENT FOR THE SAVANNAH RIVER SITE                                                                       | USEPA/SCDHEC/DOE |           |
| 000167      | 04/01/90<br>01:00:00<br>AM | EPA/540/G-90/004<br>OSWER<br>9360.4-01 | 10693   | QUALITY ASSURANCE/QUALITY CONTROL GUIDANCE FOR REMOVAL ACTIONS: SAMPLING CHALK PLAN AND DATA VALIDATION PROCEDURES (INTERIM FINAL) | USEPA            |           |
| 000168      | 09/01/87<br>12:00:00<br>AM | EPA/540/G-87/005<br>OSWER<br>9355.1-02 | 10693   | THE RPM PRIMER: AN INTRODUCTORY GUIDE TO THE ROLE AND RESPONSIBILITIES OF THE SUPERFUND REMEDIAL PROJECT MANAGER                   | USEPA            |           |
| 000171      | 06/12/89<br>12:00:00<br>AM | OSWER<br>9476.00-18                    | 10693   | GUIDANCE ON DEMONSTRATING EQUIVALENCE OF PART 265 CLEAN CLOSURE WITH PART 264 REQUIREMENTS                                         | USEPA            |           |
| 000172      | 04/04/91<br>01:00:00<br>AM | 000172                                 | 10693   | GUIDANCE FOR PREPARING CLEAN CLOSURE EQUIVALENCY DEMONSTRATIONS                                                                    | USEPA            |           |
| 000173      | 07/01/90<br>12:00:00<br>AM | 40 CFR 270.1                           | 10693   | 40 CFR 270.1 SUBPART A - GENERAL INFORMATION                                                                                       | WSRC             |           |
| 000174      | 03/25/91<br>01:00:00<br>AM | OSWER<br>9285.6-03                     | 10693   | HUMAN HEALTH EVALUATION MANUAL, SUPPLEMENTAL GUIDANCE: STANDARD DEFAULT EXPOSURE FACTORS                                           | USEPA            |           |
| 000175      | 02/01/88<br>12:00:00<br>AM | 000175                                 | 10693   | LABORATORY DATA VALIDATION FUNCTIONAL GUIDELINES FOR EVALUATING ORGANICS ANALYSES (DRAFT)                                          | USEPA            |           |

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| 000176      | 07/01/88<br>12:00:00<br>AM | 000176              | 10693   | LABORATORY DATA VALIDATION FUNCTIONAL GUIDELINES FOR EVALUATING INORGANICS ANALYSES                                                  | USEPA  |           |
| 000177      | 04/01/90<br>01:00:00<br>AM | EPA-440/5-90-004    | 10693   | BIOLOGICAL CRITERIA: NATIONAL PROGRAM GUIDANCE FOR SURFACE WATERS                                                                    | USEPA  |           |
| 000178      | 11/01/89<br>01:00:00       | OSWER 9335.3-02FS-1 | 10693   | A GUIDE TO DEVELOPING SUPERFUND RECORDS OF DECISION (FACT SHEET)                                                                     | USEPA  |           |
| 000179      | 05/01/90<br>12:00:00       | OSWER 9335.3-02FS-2 | 10693   | A GUIDE TO DEVELOPING SUPERFUND PROPOSED PLANS (FACT SHEET)                                                                          | USEPA  |           |
| 000180      | 04/17/89<br>12:00:00       | OSWER 9347.1-02     | 10693   | POLICY FOR SUPERFUND COMPLIANCE WITH THE RCRA LAND DISPOSAL RESTRICTIONS                                                             | USEPA  |           |
| 000181      | 08/01/90<br>12:00:00       | OSWER 9355.4-01FS   | 10693   | A GUIDE ON REMEDIAL ACTIONS AT SUPERFUND SITES WITH PCB CONTAMINATION (FACT SHEET)                                                   | USEPA  |           |
| 000182      | 09/01/90<br>12:00:00       | OSWER 9355.3-11FS   | 10693   | STREAMLINING THE RI/FS FOR CERCLA MUNICIPAL LANDFILL SITES (FACT SHEET)                                                              | USEPA  |           |
| 000183      | 07/01/89<br>12:00:00       | OSWER 9347.3-01FS   | 10693   | SUPERFUND LDR GUIDE #1: OVERVIEW OF RCRA LAND DISPOSAL RESTRICTIONS (LDRS) (FACT SHEET)                                              | USEPA  |           |
| 000184      | 07/01/89<br>12:00:00       | OSWER 9347.3-02FS   | 10693   | SUPERFUND LDR GUIDE #2: COMPLYING WITH THE CALIFORNIA LIST RESTRICTIONS UNDER LAND DISPOSAL RESTRICTIONS (LDRS) (FACT SHEET)         | USEPA  |           |
| 000185      | 07/01/89<br>12:00:00       | OSWER 9347.3-03FS   | 10693   | SUPERFUND LDR GUIDE #3: TREATMENT STANDARDS AND MINIMUM TECHNOLOGY REQUIREMENTS UNDER LAND DISPOSAL RESTRICTIONS (LDRS) (FACT SHEET) | USEPA  |           |
| 000186      | 07/01/89<br>12:00:00       | OSWER 9347.3-04FS   | 10693   | SUPERFUND LDR GUIDE #4: COMPLYING WITH HAMMER RESTRICTIONS UNDER LAND DISPOSAL RESTRICTIONS (LDRS) (FACT SHEET)                      | USEPA  |           |
| 000187      | 07/01/89<br>12:00:00       | OSWER 9347.3-05FS   | 10693   | SUPERFUND LDR GUIDE #5: DETERMINING WHEN LAND DISPOSAL RESTRICTIONS (LDRS) ARE APPLICABLE TO CERCLA RESPONSE ACTIONS (FACT SHEET)    | USEPA  |           |
| 000188      | 12/01/89<br>12:00:00       | OSWER 9347.3-08FS   | 10693   | SUPERFUND LDR GUIDE #7: WHEN LAND DISPOSAL RESTRICTIONS (LDRS) ARE RELEVANT AND APPROPRIATE TO CERCLA RESPONSE ACTIONS (FACT SHEET)  | USEPA  |           |
| 000189      | 09/01/90<br>12:00:00       | OSWER 9347.3-09FS   | 10693   | A GUIDE TO DELISTING OF RCRA WASTES FOR SUPERFUND REMEDIAL RESPONSES (FACT SHEET)                                                    | USEPA  |           |
| 000190      | 11/01/89<br>01:00:00       | OSWER 9355.3-01FS1  | 10693   | GETTING READY: SCOPING THE RI/FS (FACT SHEET)                                                                                        | USEPA  |           |



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| 000191      | 11/01/89<br>01:00:00 | OSWER 9355.3-01FS2<br>AM                 | 10693   | THE REMEDIAL INVESTIGATION: SITE CHARACTERIZATION AND TREATABILITY STUDIES USEPA (FACT SHEET)                              |                   |                 |
| 000192      | 11/01/89<br>01:00:00 | OSWER 9355.3-01FS3<br>AM                 | 10693   | THE FEASIBILITY STUDY: DEVELOPMENT AND SCREENING OF REMEDIAL ACTION ALTERNATIVES (FACT SHEET)                              | USEPA             |                 |
| 000193      | 03/01/90<br>12:00:00 | OSWER 9355.3-01FS4<br>AM                 | 10693   | THE FEASIBILITY STUDY: DETAILED ANALYSIS OF REMEDIAL ACTION ALTERNATIVES (FACT SHEET)                                      | USEPA             |                 |
| 000194      | 12/01/89<br>12:00:00 | OSWER 9380.3-02FS<br>AM                  | 10693   | TREATABILITY STUDIES UNDER CERCLA: AN OVERVIEW (FACT SHEET)                                                                | USEPA             |                 |
| 000195      | 04/01/90<br>01:00:00 | EPA/540/G-88/003<br>OSWER 9283.1-2<br>AM | 10693   | GUIDANCE ON REMEDIAL ACTIONS FOR CONTAMINATED GROUND WATER AT SUPERFUND SITES (INTERIM FINAL)                              | USEPA             |                 |
| 000196      | 04/01/89<br>01:00:00 | OSWER 9283.1-2FS<br>AM                   | 10693   | A GUIDE ON REMEDIAL ACTIONS FOR CONTAMINATED GROUND WATER (FACT SHEET)                                                     | USEPA             |                 |
| 000197      | 09/01/90<br>12:00:00 | OSWER 9347.3-06BFS<br>AM                 | 10693   | SUPERFUND LDR GUIDE #6B: OBTAINING A SOILS AND DEBRIS TREATABILITY VARIANCE FOR REMOVAL ACTIONS (FACT SHEET)               | USEPA             |                 |
| 000198      | 09/01/90<br>12:00:00 | OSWER 9347.3-06FS<br>AM                  | 10693   | SUPERFUND LDR GUIDE #6A (2ND EDITION): OBTAINING A SOILS AND DEBRIS TREATABILITY VARIANCE FOR REMOVAL ACTIONS (FACT SHEET) | USEPA             |                 |
| 000199      | 04/01/88<br>01:00:00 | EPA/540/1-88/001<br>OSWER 9285.5-1<br>AM | 10693   | SUPERFUND EXPOSURE ASSESSMENT MANUAL                                                                                       | USEPA             |                 |
| 000200      | 07/23/91<br>12:00:00 | ESH-ERG-910583<br>AM                     | 10693   | SCDHEC REVIEW OF DOCUMENTS REQUIRED UNDER THE SRS RCRA PERMIT                                                              | D. E. GORDON      | H. W. TRUESDALE |
| 000201      | 06/28/91<br>12:00:00 | 000201<br>AM                             | 10693   | ENVIRONMENTAL RESTORATION REQUIREMENTS                                                                                     | J. H. SCARBOROUGH | D. E. GORDON    |
| 000202      | 01/01/90<br>12:00:00 | EPA/540/2-90/001<br>AM                   | 10693   | ASSESSMENTS OF TECHNOLOGIES FOR THE REMEDIATION OF RADIOACTIVELY CONTAMINATED SUPERFUND SITES                              | USEPA             |                 |
| 000203      | 06/01/91<br>12:00:00 | DOE/EH-0194<br>AM                        | 10693   | INTEGRATED RISK INFORMATION SYSTEM                                                                                         | USDOE             |                 |
| 000204      | 04/01/90<br>01:00:00 | OSWER 9285.7-01/FS<br>AM                 | 10693   | RISK ASSESSMENT GUIDANCE FOR SUPERFUND: VOLUME I -- HUMAN HEALTH EVALUATION MANUAL (PART A) (FACT SHEET)                   | USEPA             |                 |
| 000205      | 09/01/90<br>12:00:00 | OSWER 9285.7-05FS<br>AM                  | 10693   | GUIDANCE FOR DATA USABILITY IN RISK ASSESSMENT (FACT SHEET)                                                                | USEPA             |                 |

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| 000209      | 07/09/91<br>12:00:00<br>AM | ESH-ERG-910547                         | 10693   | ENVIRONMENTAL RESTORATION REQUIREMENTS (U)                                                                               | D. E. GORDON      | H. W. TRUESDALE                |
| 000211      | 07/24/91<br>12:00:00<br>AM | ESH-ERG-910598                         | 10693   | USEPA COMMENTS ON THE DRAFT PUBLIC INVOLVEMENT PLAN                                                                      | D. E. GORDON      | J. H. SCARBROUGH/<br>W.        |
| 000212      | 07/24/91<br>12:00:00<br>AM | ESH-ERG-910593                         | 10693   | SCHEDULES FOR ELEVEN RCRA/CERCLA UNITS                                                                                   | D. E. GORDON      | J. H. SCARBROUGH/<br>W.        |
| 000213      | 07/23/91<br>12:00:00<br>AM | ESH-ERG-910569                         | 10693   | PROPOSAL TO REVISE GROUNDWATER SAMPLING PROTOCOL                                                                         | D. E. GORDON      | H. L. MATHIS                   |
| 000214      | 06/10/91<br>12:00:00<br>AM | OSWER<br>9380.0-17                     | 10693   | FURTHERING THE USE OF INNOVATIVE TREATMENT TECHNOLOGIES IN OSWER PROGRAM                                                 | D. R. CLAY        |                                |
| 000215      | 07/23/91<br>12:00:00<br>AM | ESH-ERG-910604                         | 10693   | USEPA ENVIRONMENTAL RESTORATION REQUIREMENTS                                                                             | D. E. GORDON      | J. H. SCARBROUGH/<br>TRUESDALE |
| 000217      | 07/10/91<br>12:00:00<br>AM | 000217                                 | 10693   | REQUEST FOR ENVIRONMENTAL MONITORING DATA                                                                                | J. H. SCARBOROUGH | D. E. GORDON                   |
| 000218      | 07/10/91<br>12:00:00<br>AM | 000218                                 | 10693   | USEPA REVIEW COMMENTS, DRAFT PUBLIC INVOLVEMENT PLAN, SAVANNAH RIVER SITE                                                | J. H. SCARBOROUGH | D. E. GORDON                   |
| 000219      | 05/01/91<br>12:00:00<br>AM | OSWER<br>9345.3-02FS                   | 10693   | GUIDE TO MANAGEMENT OF INVESTIGATION-DERIVED WASTES                                                                      | USEPA             |                                |
| 000220      | 10/09/90<br>12:00:00<br>AM | 000220                                 | 10693   | MEMORANDUM ON THE REPLACEMENT OF CONTAMINATED SOIL AND DEBRIS TREATED UNDER A TREATABILITY VARIANCE                      | S. K. LOWRANCE    |                                |
| 000226      | 05/01/90<br>12:00:00<br>AM | OSWER<br>9355.3-02FS-3<br>(DRAFT)      | 10693   | GUIDE TO DEVELOPING SUPERFUND NO ACTION, INTERIM ACTION, AND CONTINGENCY USEPA REMEDY RODS (DRAFT)                       |                   |                                |
| 000227      | 07/29/91<br>12:00:00<br>AM | 000227                                 | 10693   | SCDHEC REVIEW OF DOCUMENTS REQUIRED UNDER THE SRS RCRA PERMIT                                                            | H. W. TRUESDALE   | D. E. GORDON                   |
| 000228      | 06/21/91<br>12:00:00<br>AM | MR-91-193R                             | 10693   | MINUTES OF USEPA/SCDHEC/SRS FFA WORKING MEETING, JUNE 11, 1991                                                           | WSRC              |                                |
| 000229      | 10/01/90<br>12:00:00<br>AM | EPA/540/G-91/003<br>OSWER<br>9360.7-01 | 10693   | REPORTING REQUIREMENTS FOR CONTINUOUS RELEASES OF HAZARDOUS SUBSTANCES: A GUIDE FOR FACILITIES AND VESSELS ON COMPLIANCE | USEPA             |                                |
| 000230      | 03/12/90<br>01:00:00<br>AM | OSWER<br>9380.4-01                     | 10693   | USE OF OFFICE OF RESEARCH AND DEVELOPMENT'S BIOREMEDIATION EXPERTISE IN SUPERFUND REMOVAL PROGRAM                        | USEPA             |                                |

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| 000231      | 04/01/90<br>01:00:00 | OSWER 9234.2-07/FS<br>AM | 10693   | SUMMARY OF PART II: CAA, TSCA, AND OTHER STATUTES                                                                                       | USEPA  |           |
| 000232      | 06/15/89<br>12:00:00 | OSWER 9355.0-28<br>AM    | 10693   | CONTROL OF AIR EMISSIONS FROM SUPERFUND AIR STRIPPERS AT SUPERFUND GROUNDWATER SITES                                                    | USEPA  |           |
| 000233      | 11/01/89<br>01:00:00 | OSWER 9200.5-209FS<br>AM | 10693   | UPDATE -- SUPERFUND TECHNICAL ASSISTANCE GRANTS                                                                                         | USEPA  |           |
| 000234      | 09/18/90<br>12:00:00 | OSWER 9230.0-19<br>AM    | 10693   | PROPOSED METHOD TO EVALUATE THE EFFECTIVENESS OF COMMUNITY INVOLVEMENT IN SUPERFUND (SUPERFUND MANAGEMENT REVIEW: RECOMMENDATION #43.A) | USEPA  |           |
| 000235      | 08/16/88<br>12:00:00 | OSWER 9285.0-01<br>AM    | 10693   | OSWER INTEGRATED HEALTH AND SAFETY POLICY                                                                                               | USEPA  |           |
| 000236      | 06/29/88<br>12:00:00 | OSWER 9200.3-04<br>AM    | 10693   | RESOURCE DISTRIBUTION FOR THE TECHNICAL ASSISTANCE GRANT PROGRAM                                                                        | USEPA  |           |
| 000237      | 11/01/89<br>01:00:00 | OSWER 9200.5-253FS<br>AM | 10693   | INNOVATIVE TECHNOLOGY: BEST SOLVENT EXTRACTION PROCESS                                                                                  | USEPA  |           |
| 000238      | 02/01/90<br>12:00:00 | OSWER 9234.2-06/FS<br>AM | 10693   | CERCLA COMPLIANCE WITH THE CWA AND SDWA                                                                                                 | USEPA  |           |
| 000239      | 06/30/88<br>12:00:00 | SC000175<br>AM           | 10693   | APPLICATION FOR NPDES PERMIT SC000175 FOR OUTFALL CS-011.                                                                               | WSRC   |           |
| 000240      | 06/01/89<br>12:00:00 | EPA/540/A5-89/00<br>AM   | 10693   | AMERICAN COMBUSTION PYRETRON DESTRUCTION SYSTEM: APPLICATIONS ANALYSIS REPORT                                                           | USEPA  |           |
| 000241      | 09/01/89<br>12:00:00 | OSWER 9234.2-02FS<br>AM  | 10693   | CERCLA COMPLIANCE WITH OTHER LAWS MANUAL: GUIDE TO MANUAL                                                                               | USEPA  |           |
| 000242      | 05/01/89<br>12:00:00 | EPA/540/A5-89/00<br>AM   | 10693   | APPLICATIONS ANALYSIS REPORT: HAZCON SOLIDIFICATION PROCESS, DOUGLASSVILLE, PENNSYLVANIA                                                | USEPA  |           |
| 000243      | 09/01/89<br>12:00:00 | EPA/540/2-89/054<br>AM   | 10693   | EVALUATION OF GROUNDWATER EXTRACTION REMEDIES: VOLUME I, SUMMARY REPORT                                                                 | USEPA  |           |
| 000244      | 06/01/88<br>12:00:00 | EPA/540/G-88/002<br>AM   | 10693   | COMMUNITY RELATIONS IN SUPERFUND: A HANDBOOK (INTERIM VERSION)                                                                          | USEPA  |           |
| 000245      | 12/01/89<br>12:00:00 | EPA/540/2-89/058<br>AM   | 10693   | GUIDE FOR CONDUCTING TREATABILITY STUDIES UNDER CERCLA (INTERIM FINAL)                                                                  | USEPA  |           |

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| 000246      | 10/01/89<br>12:00:00 | OSWER 9234.2-04FS                   | 10693   | RCRA ARARS: FOCUS ON CLOSURE REQUIREMENTS (FACT SHEET)                                                                                                           | USEPA                |           |
| 000247      | 06/01/90<br>12:00:00 | OSWER 9234.2-09/FS                  | 10693   | ARARS Q'S & A'S: COMPLIANCE WITH FEDERAL WATER QUALITY CRITERIA                                                                                                  | USEPA                |           |
| 000248      | 03/27/86<br>01:00:00 | OSWER 9347.0-01                     | 10693   | INTERIM RCRA/CERCLA GUIDANCE ON NON-CONTIGUOUS SITES AND ON-SITE MANAGEMENT OF WASTE AND TREATMENT RESIDUE                                                       | USEPA                |           |
| 000249      | 12/15/89<br>12:00:00 | OSWER 9200.2-02                     | 10693   | ACCELERATED RESPONSE AT NPL SITES GUIDANCE (SUPERFUND MANAGEMENT REVIEW: RECOMMENDATION NO. 22)                                                                  | USEPA                |           |
| 000250      | 06/12/89<br>12:00:00 | OSWER 9360.0-12A                    | 10693   | FINAL GUIDANCE ON IMPLEMENTATION OF THE 'CONSISTENCY' EXEMPTION TO THE STATUTORY LIMITS ON REMOVAL ACTIONS                                                       | USEPA                |           |
| 000251      | 06/01/86<br>12:00:00 | OSWER 9380.0-6                      | 10693   | GUIDANCE DOCUMENT FOR CLEANUP OF SURFACE IMPOUNDMENT SITES                                                                                                       | USEPA                |           |
| 000252      | 07/23/87<br>12:00:00 | OSWER 9355.0-20                     | 10693   | RI/FS IMPROVEMENTS                                                                                                                                               | USEPA                |           |
| 000253      | 12/01/90<br>12:00:00 | EPA/540/P-90/004<br>OSWER 9360.3-01 | 10693   | SUPERFUND REMOVAL PROCEDURES ACTION MEMORANDUM GUIDANCE                                                                                                          | USEPA                |           |
| 000254      | 06/01/89<br>12:00:00 | EPA/540/5-89/004/                   | 10693   | TECHNOLOGY EVALUATION REPORT: SITE PROGRAM DEMONSTRATION TEST, INTERNATIONAL WASTE TECHNOLOGIES IN SITU STABILIZATION/SOLIDIFICATION, HIALEAH, FLORIDA, VOLUME 1 | USEPA                |           |
| 000255      | 02/01/88<br>12:00:00 | OSWER 9360.0-03B                    | 10693   | SUPERFUND REMOVAL PROCEDURES, REVISION NUMBER THREE                                                                                                              | USEPA                |           |
| 000256      | 07/06/89<br>12:00:00 | OSWER 9355.0-25A                    | 10693   | USE OF REMOVAL APPROACHES TO SPEED UP REMEDIAL ACTION PROJECTS                                                                                                   | USEPA                |           |
| 000258      | 03/01/87             | DPST-85-701                         | 10693   | ENVIRONMENTAL INFORMATION DOCUMENT: WASTE OIL BASINS                                                                                                             | L. A. HUBER,ET AL.   |           |
| 000260      | 03/01/87<br>12:00:00 | DPST-85-690                         | 10693   | ENVIRONMENTAL INFORMATION DOCUMENT: BURNING/RUBBLE PITS                                                                                                          | L. A. HUBER,ET. AL.  |           |
| 000261      | 03/01/87             | DPST-85-694                         | 10693   | ENVIRONMENTAL INFORMATION DOCUMENT: RADIOACTIVE WASTE BURIAL GROUNDS                                                                                             | W. J. JAEFFE,ET. AL. |           |
| 000263      | 04/20/99             | DP-1412                             | 10693   | SUMMARY OF HYDRAULIC CONDUCTIVITY TESTS IN THE SRP SEPARATIONS AREA: SAVANNAH RIVER LABORATORY ENVIRONMENTAL TRANSPORT AND EFFECTS RESEARCH ANNUAL REPORT 1975   | I. W. MARINE,ET. AL. |           |

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| 000264      | 12/11/85 | DPST-85-969                                        | 10693   | LEAD AND CADMIUM MEASUREMENTS OF GROUNDWATER BENEATH THE LOW-LEVEL WASTE BURIAL GROUNDS                                                             | S. B. OBLATH,ET. AL.      |           |
| 000265      | 04/20/99 | DPST-83-829                                        | 10693   | TECHNICAL SUMMARY OF GROUNDWATER QUALITY PROTECTION PROGRAM AT SAVANNAH RIVER PLANT, VOL. 1: SITE GEOHYDROLOGY AND SOLID AND HAZARDOUS WASTES, 1983 | E. I. CHRISTENSEN,ET. AL. |           |
| 000267      | 04/01/90 | OSWER<br>01:00:00 9200.0-03A<br>AM                 | 10693   | OSWER SUPERFUND TELEPHONE DIRECTORY                                                                                                                 | USEPA                     |           |
| 000268      | 08/01/90 | EPA/540/G-90/006<br>12:00:00 OSWER<br>AM 9355.0-02 | 10693   | GUIDANCE ON EXPEDITING REMEDIAL DESIGN AND REMEDIAL ACTION                                                                                          | USEPA                     |           |
| 000269      | 02/12/90 | OSWER<br>12:00:00 9375.5-04<br>AM                  | 10693   | INVOLVEMENT OF SUPERFUND PROGRAM MANAGERS IN SUPERFUND RESPONSE AGREEMENT AUDITS                                                                    | USEPA                     |           |
| 000270      | 05/30/90 | OSWER<br>12:00:00 9221.0-02A<br>AM                 | 10693   | CERCLIS DATA HANDLING SUPPORT POLICY STATEMENT                                                                                                      | USEPA                     |           |
| 000271      | 06/15/90 | OSWER<br>12:00:00 9230.0-15<br>AM                  | 10693   | ROLE OF COMMUNITY INTERVIEWS IN THE DEVELOPMENT OF A COMMUNITY RELATIONS PROGRAM FOR REMEDIAL RESPONSE                                              | USEPA                     |           |
| 000272      | 05/01/89 | OSWER<br>12:00:00 9234.2-01FS<br>AM                | 10693   | SUPERFUND FACT SHEET: ARARS Q'S & A'S                                                                                                               | USEPA                     |           |
| 000273      | 03/03/89 | OSWER<br>12:00:00 9360.0-19<br>AM                  | 10693   | GUIDANCE ON NON-NPL REMOVAL ACTIONS INVOLVING NATIONALLY SIGNIFICANT OR PRECEDENT-SETTING ISSUES                                                    | USEPA                     |           |
| 000274      | 02/09/87 | OSWER 9200.4-1<br>12:00:00<br>AM                   | 10693   | GUIDELINES FOR PRODUCING SUPERFUND DOCUMENTS                                                                                                        | USEPA                     |           |
| 000275      | 09/01/89 | OSWER<br>12:00:00 9355.4-02<br>AM                  | 10693   | INTERIM GUIDANCE ON ESTABLISHING SOIL AND LEAD CLEANUP LEVELS AT SUPERFUND SITES                                                                    | USEPA                     |           |
| 000276      | 01/01/90 | OSWER<br>12:00:00 9230.1-05/FS<br>AM               | 10693   | SUPERFUND TECHNICAL ASSISTANCE GRANTS                                                                                                               | USEPA                     |           |
| 000277      | 03/01/89 | EPA/540/2-89/052<br>12:00:00<br>AM                 | 10693   | GUIDE TO TREATMENT TECHNOLOGIES FOR HAZARDOUS WASTES AT SUPERFUND SITES                                                                             | USEPA                     |           |
| 000278      | 11/01/89 | OSWER<br>01:00:00 9200.5-252FS<br>AM               | 10693   | INNOVATIVE TECHNOLOGY SLURRY-PHASE BIODEGRADATION                                                                                                   | USEPA                     |           |
| 000279      | 11/01/89 | OSWER<br>01:00:00 9200.5-254FS<br>AM               | 10693   | INNOVATIVE TECHNOLOGY GLYCOLATE DEHALOGENATION                                                                                                      | USEPA                     |           |

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| 000280      | 03/07/90<br>12:00:00<br>AM | OSWER 9230.0-08          | 10693   | PLANNING FOR SUFFICIENT COMMUNITY RELATIONS (SUPERFUND MANAGEMENT REVIEW: #43A)                                               | USEPA  |           |
| 000281      | 09/01/88<br>12:00:00<br>AM | EPA/540/2-88/003         | 10693   | ASSESSMENT OF INTERNATIONAL TECHNOLOGIES FOR SUPERFUND APPLICATIONS                                                           | USEPA  |           |
| 000282      | 07/25/89<br>12:00:00<br>AM | OSWER 9360.0-16A         | 10693   | TRANSMISSION OF GUIDANCE FOR CONDUCTING FEDERAL-LEAD UNDERGROUND STORAGE TANK CORRECTIVE ACTIONS                              | USEPA  |           |
| 000283      | 02/14/90<br>12:00:00<br>AM | OSWER 9355.5-01          | 10693   | INTERIM FINAL GUIDANCE ON EPA OVERSIGHT OF REMEDIAL DESIGNS AND REMEDIAL ACTIONS PERFORMED BY POTENTIALLY RESPONSIBLE PARTIES | USEPA  |           |
| 000284      | 02/01/90<br>12:00:00<br>AM | EPA/540/8-90/002         | 10693   | DIRECTORY OF EPA/STATE CONTACTS BY SPECIALTY                                                                                  | USEPA  |           |
| 000285      | 05/01/90<br>12:00:00<br>AM | PUBLICATION 9234.2-08/FS | 10693   | ARARS Q'S & A'S: COMPLIANCE WITH TOXICITY CHARACTERISTICS RULE: PART I                                                        | USEPA  |           |
| 000286      | 08/01/89<br>12:00:00<br>AM | EPA/540/2-89/001         | 10693   | SUPERFUND TREATABILITY CLEARINGHOUSE ABSTRACTS                                                                                | USEPA  |           |
| 000287      | 10/01/85<br>12:00:00<br>AM | EPA/540/2-85/004         | 10693   | LEACHATE PLUME MANAGEMENT                                                                                                     | USEPA  |           |
| 000288      | 10/01/89<br>12:00:00<br>AM | EPA/540/2-89/054         | 10693   | EVALUATION OF GROUNDWATER EXTRACTION REMEDIES, VOLUME 3: GENERAL SITE DATA DATA BASE REPORTS                                  | USEPA  |           |
| 000289      | 09/01/88<br>12:00:00<br>AM | EPA/540/2-88/004         | 10693   | TECHNOLOGY SCREENING GUIDE FOR TREATMENT OF CERCLA SOILS AND SLUDGES                                                          | USEPA  |           |
| 000290      | 09/01/88<br>12:00:00<br>AM | EPA/540/2-88/005         | 10693   | FIELD SCREENING METHODS CATALOG: USER'S GUIDE                                                                                 | USEPA  |           |
| 000291      | 08/01/88<br>12:00:00<br>AM | EPA/540/G-89/005         | 10693   | SUPERFUND AUTOMATED RECORDS OF DECISION (ROD) USERS MANUAL                                                                    | USEPA  |           |
| 000292      | 10/01/89<br>12:00:00<br>AM | EPA/540/2-89/057         | 10693   | DETERMINING SOIL RESPONSE ACTION LEVELS BASED ON POTENTIAL CONTAMINANT MIGRATION TO GROUND WATER: A COMPENDIUM OF EXAMPLES    | USEPA  |           |
| 000293      | 11/01/85<br>01:00:00<br>AM | EPA/540/2-85/003         | 10693   | DUST CONTROL AT HAZARDOUS WASTE SITES                                                                                         | USEPA  |           |
| 000294      | 05/28/85<br>12:00:00<br>AM | OSWER 9380.0-3           | 10693   | GUIDANCE DOCUMENT FOR CLEANUP OF SURFACE TANK AND DRUM SITES                                                                  | USEPA  |           |

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| 000295      | 06/01/86<br>12:00:00<br>AM | OSWER 9355.0-4A                     | 10693   | SUPERFUND REMEDIAL DESIGN AND REMEDIAL ACTION GUIDANCE                                                                                  | USEPA  |           |
| 000298      | 02/01/90<br>12:00:00<br>AM | EPA/540/5-89/005/                   | 10693   | TECHNOLOGY EVALUATION REPORT: SITE PROGRAM DEMONSTRATION TEST, SOLIDITECH, INC., SOLIDIFICATION/STABILIZATION PROCESS, VOLUME I         | USEPA  |           |
| 000299      | 12/01/86<br>12:00:00<br>AM | EPA/540/G-87/001<br>OSWER 9355.0-1  | 10693   | SUPERFUND FEDERAL-LEAD PROJECT MANAGEMENT BOOK                                                                                          | USEPA  |           |
| 000300      | 11/01/89<br>01:00:00<br>AM | EPA/540/5-89/013                    | 10693   | THE SUPERFUND INNOVATIVE TECHNOLOGY EVALUATION PROGRAM: TECHNOLOGY PROFILES                                                             | USEPA  |           |
| 000301      | 11/01/86<br>01:00:00<br>AM | EPA/540/1-86/061<br>OSWER 9285.6-0  | 10693   | SUPERFUND RISK ASSESSMENT INFORMATION DIRECTORY                                                                                         | USEPA  |           |
| 000302      | 07/05/88<br>12:00:00<br>AM | 000302                              | 10693   | STANDARD OPERATING SAFETY GUIDES                                                                                                        | USEPA  |           |
| 000303      | 08/01/89<br>12:00:00<br>AM | EPA/540/G-89/009<br>OSWER 9234.1-02 | 10693   | CERCLA COMPLIANCE WITH OTHER LAWS MANUAL, PART II: CLEAN AIR ACT AND OTHER ENVIRONMENTAL STATUTES AND STATE REQUIREMENTS, INTERIM FINAL | USEPA  |           |
| 000304      | 04/25/88<br>12:00:00<br>AM | OSWER 9355.3-05                     | 10693   | RI/FS IMPROVEMENTS FOLLOW-UP                                                                                                            | USEPA  |           |
| 000305      | 08/18/88<br>12:00:00<br>AM | OSWER 9240.0-03                     | 10693   | SUPERFUND ANALYTICAL DATA REVIEW AND OVERSIGHT                                                                                          | USEPA  |           |
| 000306      | 11/01/89<br>01:00:00<br>AM | EPA/540/1-89/003                    | 10693   | OSWER COMPARATIVE RISK PROJECT: EXECUTIVE SUMMARY AND OVERVIEW                                                                          | USEPA  |           |
| 000307      | 01/01/90<br>12:00:00<br>AM | EPA/540/5-90/002                    | 10693   | VOLUME I: TECHNOLOGY EVALUATION REPORT CF SYSTEMS ORGANICS EXTRACTION SYSTEM, NEW BEDFORD, MASSACHUSETTS                                | USEPA  |           |
| 000308      | 06/01/89<br>12:00:00<br>AM | EPA/540/A5-89/01                    | 10693   | SHIRCO INFRARED INCINERATION SYSTEM: APPLICATIONS ANALYSIS REPORT                                                                       | USEPA  |           |
| 000309      | 12/01/86<br>12:00:00<br>AM | EPA/540/G-86/001<br>OSWER 9380.2-3  | 10693   | SUPERFUND INNOVATIVE TECHNOLOGY EVALUATION (SITE) STRATEGY AND PROGRAM PLAN                                                             | USEPA  |           |
| 000310      | 09/01/89<br>12:00:00<br>AM | EPA/540/2-89/056                    | 10693   | FORUM ON INNOVATIVE HAZARDOUS WASTE TREATMENT TECHNOLOGIES: DOMESTIC AND INTERNATIONAL, TECHNICAL PAPERS                                | USEPA  |           |
| 000311      | 04/01/85<br>01:00:00<br>AM | EPA/540/2-85/001                    | 10693   | MODELING REMEDIAL ACTIONS AT UNCONTROLLED HAZARDOUS WASTE SITES                                                                         | USEPA  |           |

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| 000312      | 08/01/85<br>12:00:00<br>AM | EPA/540/2-85/002       | 10693   | COVERS FOR UNCONTROLLED HAZARDOUS WASTE SITES                                                                                                    | USEPA            |                                |
| 000313      | 09/01/86<br>12:00:00<br>AM | EPA/540/2-86/004       | 10693   | SUPERFUND TREATMENT TECHNOLOGIES: A VENDOR INVENTORY                                                                                             | USEPA            |                                |
| 000314      | 01/09/90<br>12:00:00<br>AM | OSWER 9992.4           | 10693   | FEDERAL FACILITIES HAZARDOUS WASTE COMPLIANCE MANUAL                                                                                             | USEPA            |                                |
| 000316      | 08/29/91<br>12:00:00<br>AM | 000316                 | 10693   | ENVIRONMENTAL RESTORATION REQUIREMENTS                                                                                                           | J. H. SCARBROUGH | D. E. GORDON                   |
| 000317      | 08/14/91<br>12:00:00<br>AM | 000317                 | 10693   | COMMENTS ON 6 DRAFT RFI/RI WORK PLANS                                                                                                            | H. W. TRUESDALE  | S. R. WRIGHT                   |
| 000319      | 08/21/91<br>12:00:00<br>AM | ESH-ERG-910625         | 10693   | ENVIRONMENTAL RESTORATION REQUIREMENTS                                                                                                           | D. E. GORDON     | J. H. SCARBROUGH/<br>TRUESDALE |
| 000320      | 08/19/91<br>12:00:00<br>AM | WSRC-RP-91-445, REV. 1 | 10693   | SAVANNAH RIVER SITE PUBLIC INVOLVEMENT PLAN, (WSRC-RP-91-445, REV.1) DATED AUGUST 1991                                                           | WSRC             |                                |
| 000321      | 08/28/91<br>12:00:00<br>AM | ESH-ERG-910679         | 10693   | RESPONSE TO USEPA AND SCDHEC COMMENTS ON THE PUBLIC INVOLVEMENT PLAN (WSRC-RP-91-445, REV. 0) AND SUBMITTAL OF REVISION (WSRC-RP-91-445, REV. 1) | D. E. GORDON     | J. H. SCARBROUGH/<br>TRUESDALE |
| 000328      | 09/06/91<br>12:00:00<br>AM | 000328                 | 10693   | EPA APPROVAL ON THE DRAFT FINAL PUBLIC INVOLVEMENT PLAN (WSRC-RP-91-445, REV. 1)                                                                 | J. H. SCARBROUGH | D. E. GORDON                   |
| 000331      | 08/30/91<br>12:00:00<br>AM | 000331                 | 10693   | INTEGRATION OF M-AREA RCRA/CERCLA ADMINISTRATIVE REQUIREMENTS                                                                                    | J. H. SCARBROUGH | D. E. GORDON                   |
| 000340      | 09/01/88<br>12:00:00<br>AM | EPA/540/2-88/004       | 10693   | TECHNOLOGY SCREENING GUIDE FOR TREATMENT OF CERCLA SOILS AND SLUDGES                                                                             | USEPA            |                                |
| 000341      | 02/01/91<br>12:00:00<br>AM | EPA/540/2-91/003       | 10693   | SOIL VAPOR EXTRACTION TECHNOLOGY REFERENCE HANDBOOK                                                                                              | USEPA            |                                |
| 000343      | 11/12/91<br>12:00:00<br>AM | MR-91-374R             | 10693   | MEETING RECORD OF FEDERAL FACILITY AGREEMENT WORKING MEETING OF 9/26/91                                                                          | WSRC             |                                |
| 000344      | 11/20/91<br>12:00:00<br>AM | 000344                 | 10693   | PROPOSAL TO REVISE GROUNDWATER SAMPLING PROTOCOL AND REVISION OF THE SRS PURGED WATER MANAGEMENT PLAN                                            | J. S. KUTZMAN    | J. W. COOK                     |
| 000346      | 11/05/91<br>12:00:00<br>AM | ESH-ERG-910906         | 10693   | SUBMITTAL OF DRAFT APPENDIX E FOR FISCAL YEARS 1993 - 1997 (U)                                                                                   | J. W. COOK       | J. H. SCARBROUGH/<br>W.        |



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| 000350      | 12/02/91<br>12:00:00<br>AM | 000350                                  | 10693   | SRS CONCURRENCE FOR THE DRAFT CERCLA FFA TO GO OUT FOR PUBLIC COMMENT                                                              | S. R. WRIGHT                         | J. H. SCARBROUGH |
| 000367      | 05/01/91<br>12:00:00<br>AM | EPA/625/4-91/025                        | 10693   | DESIGN AND CONSTRUCTION OF RCRA/CERCLA FINAL COVERS                                                                                | USEPA                                |                  |
| 000368      | 07/01/90<br>12:00:00<br>AM | EPA/625/6-89/025                        | 10693   | ASSESSING THE GEOCHEMICAL FATE OF DEE-WELL-INJECTED HAZARDOUS WASTE: SUMMARIES OF RECENT RESEARCH                                  | USEPA                                |                  |
| 000369      | 10/01/91<br>12:00:00<br>AM | EPA/540/A5-90/00                        | 10693   | E. I. DUPONT DE NEMOURS & COMPANY/OBERLIN FILTER COMPANY MICROFILTRATION TECHNOLOGY: APPLICATIONS ANALYSIS REPORT                  | USEPA                                |                  |
| 000370      | 10/01/91<br>12:00:00<br>AM | EPA/540/A5-91/00                        | 10693   | AWD TECHNOLOGIES INTEGRATED AQUADETOX/SVE TECHNOLOGY: APPLICATION ANALYSIS REPORT                                                  | USEPA                                |                  |
| 000371      | 01/01/91<br>12:00:00<br>AM | EPA/540/P-91/002                        | 10693   | USER'S GUIDE TO THE CONTRACT LABORATORY PROGRAM                                                                                    | USEPA                                |                  |
| 000372      | 03/01/91<br>12:00:00<br>AM | EPA/540/A5-90/00                        | 10693   | TOXIC TREATMENT, IN SITU STEAM/HOT-AIR STRIPPING TECHNOLOGY: APPLICATIONS ANALYSIS REPORT                                          | USEPA                                |                  |
| 000373      | 08/01/90<br>12:00:00<br>AM | EPA/540/G-90/007                        | 10693   | GUIDANCE ON REMEDIAL ACTIONS FOR SUPERFUND SITES WITH PCB CONTAMINATION                                                            | USEPA                                |                  |
| 000374      | 09/01/90<br>12:00:00<br>AM | EPA/540/5-89/012                        | 10693   | ULTOX INTERNATIONAL ULTRAVIOLET RADIATION/OXIDATION TECHNOLOGY: APPLICATIONS ANALYSIS REPORT                                       | USEPA                                |                  |
| 000375      | 10/01/87<br>12:00:00<br>AM | HPR-87-339                              | 10693   | THE SAVANNAH RIVER PLANT'S GROUNDWATER MONITORING PROGRAM. THIRD QUARTER, 1987.                                                    | E.I. DU PONT DE NEMOURS AND COMPANY. |                  |
| 000376      | 11/15/91<br>12:00:00<br>AM | MR-91-445R,<br>WSRC-MS-92-126           | 10693   | MINUTES OF EPA/SCDHEC/SRS FFA WORKING MEETING, NOVEMBER 15, 1991                                                                   | WSRC                                 |                  |
| 000379      | 06/01/89<br>12:00:00<br>AM | EPA/635/6-89/012                        | 10693   | HANDBOOK: HAZARDOUS WASTE INCINERATION MEASUREMENT GUIDANCE MANUAL, VOLUME III OF THE HAZARDOUS WASTE INCINERATION GUIDANCE SERIES | USEPA                                |                  |
| 000386      | 01/01/83<br>12:00:00<br>AM | DPSPU-83-30-1                           | 10693   | ENVIRONMENTAL MONITORING IN THE VICINITY OF THE SAVANNAH RIVER PLANT, ANNUAL REPORT FOR 1982                                       | E. I. DU PONT DE NEMOURS & CO        |                  |
| 000387      | 07/01/87<br>12:00:00<br>AM | EPA/530-SW-87-0<br>OSWER<br>9481.00-6C  | 10693   | ALTERNATE CONCENTRATION LIMIT GUIDANCE PART 1: ACL POLICY AND INFORMATION REQUIREMENTS, INTERIM FINAL                              | USEPA                                |                  |
| 000388      | 05/01/88<br>12:00:00<br>AM | EPA/530-SW-87-0:<br>OSWER<br>9481.00-11 | 10693   | ALTERNATE CONCENTRATION LIMIT GUIDANCE BASED ON §264.94(B) CRITERIA, PART II: CASE STUDIES                                         | USEPA                                |                  |

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| 000390      | 10/01/91<br>12:00:00 AM | PUBLICATION<br>9200.5-216L | 10693   | SUPERFUND RECORDS OF DECISION UPDATE, QUICK INTERMITTENT BULLETIN, VOL. 6, USEPA NO. 4              |                               |                                        |
| 000398      | 08/18/91<br>12:00:00 AM | 000398                     | 10693   | SCDHEC REVIEW COMMENTS ON DRAFT PUBLIC INVOLVEMENT PLAN                                             | L. R. BEDENBAUGH              | J. W. COOK                             |
| 000399      | 03/04/92<br>12:00:00 AM | 000399                     | 10693   | USEPA COMMENTS ON ENVIRONMENTAL RESTORATION REQUIREMENTS                                            | J. S. KUTZMAN                 | J. W. COOK                             |
| 000400      | 06/21/90<br>12:00:00 AM | 000400                     | 10693   | USEPA COMMENT ON CLEANUP LEVEL FOR LEAD IN GROUND WATER                                             | H. L. LONGEST & B. M. DIAMOND | P. M. TOBIN                            |
| 000401      | 02/11/92<br>12:00:00 AM | 000401                     | 10693   | USEPA COMMENT ON ENVIRONMENTAL RESTORATION REQUIREMENTS, F- AND H-AREAS                             | J. D. JOHNSTON                | J. K. MCCLAIN                          |
| 000403      | 12/18/91<br>12:00:00 AM | ESH-ERG-911019             | 10693   | SAVANNAH RIVER ENVIRONMENTAL BULLETIN (U)                                                           | G. F. STEJSKAL                | A. J. MCLEMORE                         |
| 000404      | 12/18/91<br>12:00:00 AM | ESH-ERG-911020             | 10693   | SAVANNAH RIVER ENVIRONMENTAL BULLETIN (U)                                                           | G. F. STEJSKAL                | L. DUNCAN                              |
| 000405      | 12/18/91<br>12:00:00 AM | ESH-ERG-911018             | 10693   | SAVANNAH RIVER ENVIRONMENTAL BULLETIN (U)                                                           | G. F. STEJSKAL                | P. BIRCHENALL                          |
| 000406      | 12/11/91<br>12:00:00 AM | 000406                     | 10693   | DRAFT FEDERAL FACILITY AGREEMENT AND DRAFT PUBLIC INVOLVEMENT PLAN                                  | J. M. GAVER                   | P. LEWIS                               |
| 000407      | 01/16/92<br>12:00:00 AM | 000407                     | 10693   | NEWSPAPER ADVERTISEMENTS FOR THE DRAFT FEDERAL FACILITY AGREEMENT AND DRAFT PUBLIC INVOLVEMENT PLAN | WSRC                          |                                        |
| 000408      | 01/01/87<br>12:00:00 AM | EPA/600/9-87/007           | 10693   | HAZARDOUS WASTE RESEARCH LOCATOR                                                                    | USEPA                         |                                        |
| 000409      | 08/01/91<br>12:00:00 AM | ESH-ERG-910633             | 10693   | PROTOCOL FOR SRS HEALTH, SAFETY, AND SECURITY ACCESS REQUIREMENTS AS OUTLINED I N THE SRS FFCA      | D. E. GORDON                  | J. H. SCARBROUGH                       |
| 000410      | 09/03/91<br>12:00:00 AM | ESH-ERG-910716             | 10693   | CORRESPONDENCE REGARDING SAVANNAH RIVER SITE ENVIRONMENTAL RESTORATION ACTIVITIES                   | J. W. COOK                    | J. H. SCARBROUGH & H. W. P. BIRCHENALL |
| 000411      | 12/10/91<br>12:00:00 AM | ESH-ERG-910802             | 10693   | PUBLIC COMMENT PERIOD FOR THE DRAFT FFA AND THE DRAFT PUBLIC INVOLVEMENT PLAN                       | G. F. STEJSKAL                | P. BIRCHENALL                          |
| 000412      | 12/10/91<br>12:00:00 AM | ESH-ERG-910804             | 10693   | PUBLIC COMMENT PERIOD FOR THE DRAFT FFA AND THE DRAFT PUBLIC INVOLVEMENT PLAN                       | G. F. STEJSKAL                | L. DUNCAN                              |

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| 000413      | 12/10/91<br>12:00:00<br>AM | ESH-ERG-910805      | 10693   | PUBLIC COMMENT PERIOD FOR THE DRAFT FFA AND THE DRAFT PUBLIC INVOLVEMENT PLAN                                                                                                                                   | G. F. STEJSKAL            | A. J. MCLEMORE                     |
| 000414      | 12/11/91<br>12:00:00<br>AM | 000414              | 10693   | EPA APPROVAL OF THE REQUEST FOR EXTENSION TO SUBMIT A RESPONSE TO USEPA COMMENTS REGARDING GROUNDWATER SAMPLING PROTOCOL AND REVISION OF THE SRS PURGED WATER MANAGEMENT PLAN SAVANNAH RIVER SITE, AIKEN, SOUTH | J. S. KUTZMAN             | J. W. COOK                         |
| 000415      | 01/27/92<br>12:00:00<br>AM | ESH-ERG-920014      | 10693   | PROPOSED REVISIONS TO THE DRAFT FEDERAL FACILITY AGREEMENT                                                                                                                                                      | J. W. COOK                | J. S. KUTZMAN<br>& H. W. TRUESDALE |
| 000416      | 10/24/91<br>12:00:00<br>AM | EHS-ERG-910739      | 10693   | INSTALLATION OF MONITORING WELLS                                                                                                                                                                                | J. W. COOK                | J. H. SCARBROUGH<br>& H. W.        |
| 000417      | 03/07/90<br>12:00:00<br>AM | OSWER 9833.0-1A     | 10693   | GUIDANCE ON CERCLA SECTION 106(A) UNILATERAL ADMINISTRATIVE ORDERS FOR REMEDIAL DESIGNS AND REMEDIAL ACTIONS                                                                                                    | USEPA                     |                                    |
| 000418      | 12/09/88<br>12:00:00<br>AM | OSWER 9355.0-25     | 10693   | STATEMENT OF POLICY: REQUIREMENTS FOR USING REMOVAL AUTHORITIES FOR SPEEDING UP REMEDIAL PROJECTS                                                                                                               | USEPA                     |                                    |
| 000419      | 08/28/90<br>12:00:00<br>AM | OSWER 9835.15       | 10693   | PERFORMANCE OF RISK ASSESSMENTS IN REMEDIAL INVESTIGATION/FEASIBILITY STUDIES (RI/FS) CONDUCTED BY POTENTIALLY RESPONSIBLE PARTIES (PRPS)                                                                       | USEPA                     |                                    |
| 000420      | 12/27/89<br>12:00:00<br>AM | OSWER 9234.1-06     | 10693   | APPLICABILITY OF LAND DISPOSAL RESTRICTIONS TO RCRA AND CERCLA GROUND WATER TREATMENT REINJECTION SUPERFUND MANAGEMENT REVIEW: RECOMMENDATION NO. 26                                                            | USEPA                     |                                    |
| 000421      | 04/20/99<br>9318.0-05      | OSWER               | 10693   | ENVIRONMENTAL REVIEW REQUIREMENTS FOR REMOVAL ACTIONS                                                                                                                                                           | USEPA                     |                                    |
| 000422      | 10/18/89<br>12:00:00<br>AM | DIRECTIVE 9355.4-03 | 10693   | CONSIDERATIONS IN GROUNDWATER REMEDIATION AT SUPERFUND SITES                                                                                                                                                    | USEPA                     |                                    |
| 000423      | 07/02/91<br>12:00:00<br>AM | OSWER 9835.15A      | 10693   | SUPPLEMENTAL GUIDANCE ON PERFORMING RISK ASSESSMENTS IN REMEDIAL INVESTIGATION/FEASIBILITY STUDIES (RI/FS) CONDUCTED BY POTENTIALLY RESPONSIBLE PARTIES (PRPS)                                                  | USEPA                     |                                    |
| 000424      | 12/01/86<br>12:00:00<br>AM | DIRECTIVE 9950.2    | 10693   | TRANSMITTAL OF THE FINAL COMPREHENSIVE GROUND WATER MONITORING EVALUATION (CME) GUIDANCE                                                                                                                        | USEPA                     |                                    |
| 000425      | 01/01/90<br>12:00:00<br>AM | EPA/625/6-89/023    | 10693   | HANDBOOK: QUALITY ASSURANCE/QUALITY CONTROL (QA/QC) PROCEDURES FOR HAZARDOUS WASTE INCINERATION                                                                                                                 | USEPA                     |                                    |
| 000426      | 12/01/90<br>12:00:00<br>AM | EPA/540/P-90/006    | 10693   | SAMPLERS GUIDE TO THE CONTRACT LABORATORY PROGRAM                                                                                                                                                               | USEPA                     |                                    |
| 000427      | 01/23/92<br>12:00:00<br>AM | 000427              | 10693   | TRANSCRIPT OF PUBLIC MEETING ON FEDERAL FACILITY AGREEMENT AND PUBLIC INVOLVEMENT PLAN, JAN. 23, 1992                                                                                                           | HANWELL REPORTING SERVICE |                                    |

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| 000428      | 10/01/89<br>12:00:00<br>AM | EPA/540/4-89/005                        | 10693   | GROUND WATER ISSUE: PERFORMANCE EVALUATIONS OF PUMP-AND-TREAT REMEDIATIONS                                          | USEPA                                |           |
| 000429      | 12/01/91<br>12:00:00<br>AM | OSWER<br>9285.7-01C                     | 10693   | TRANSMITTAL OF HUMAN HEALTH EVALUATION MANUAL, PART C: RISK EVALUATION OF REMEDIAL ALTERNATIVES                     | USEPA                                |           |
| 000430      | 12/17/91<br>12:00:00<br>AM | 000430                                  | 10693   | DRAFT FEDERAL FACILITY AGREEMENT SUBMITTED FOR PUBLIC COMMENT 12/17/91 - 2/14/92                                    | USEPA/SCDHEC/DOE-SR                  |           |
| 000432      | 05/17/91<br>12:00:00<br>AM | WSRC-IM-91-28<br>VOL I & II             | 10693   | SAVANNAH RIVER SITE ENVIRONMENTAL REPORT FOR 1990                                                                   | C. L. CUMMINS,ET AL                  |           |
| 000434      | 09/10/85<br>12:00:00<br>AM | DP-MS-85-86                             | 10693   | WASTE MIGRATION STUDIES AT THE SAVANNAH RIVER PLANT BURIAL GROUND                                                   | J. A. STONE,ET AL                    |           |
| 000443      | 04/20/99                   | AX-720887                               | 10693   | SOIL AND SOIL GAS SAMPLING IN NINE POTENTIAL NEW WASTE SITE, CENTRAL SHOPS DIESEL LOADING AREA AND SRP FAULT AREAS  | MICROSEEPS,INC                       |           |
| 000444      | 03/01/86<br>12:00:00<br>AM | CORR-86-0031/GE                         | 10693   | CHARACTERIZATION OF GROUNDWATER FLOW AND TRANSPORT IN THE GENERAL SEPARATIONS AREAS                                 | G. M. DIFFIELD,ET AL                 |           |
| 000445      | 01/01/89<br>12:00:00<br>AM | ESH-EMS-890043                          | 10693   | THE SAVANNAH RIVER SITE'S GROUNDWATER MONITORING PROGRAM. FIRST QUARTER 1989.                                       | WSRC                                 |           |
| 000447      | 04/01/91<br>01:00:00<br>AM | DOE/EIS-0144D,<br>VOL. 4:<br>APPENDICES | 10693   | DRAFT ENVIRONMENTAL IMPACT STATEMENT FOR THE SITING, CONSTRUCTION, AND OPERATION OF NEW PRODUCTION REACTOR CAPACITY | USDOE                                |           |
| 000449      | 01/01/86<br>12:00:00<br>AM | HPR-86-226                              | 10693   | THE SAVANNAH RIVER PLANT'S GROUNDWATER MONITORING PROGRAM. SECOND QUARTER, 1986.                                    | DU PONT                              |           |
| 000450      | 01/01/88<br>12:00:00<br>AM | HPR-88-098                              | 10693   | THE SAVANNAH RIVER PLANT'S GROUNDWATER MONITORING PROGRAM. FOURTH QUARTER 1987                                      | E.I. DU PONT DE NEMOURS AND COMPANY. |           |
| 000451      | 01/01/87<br>12:00:00<br>AM | HPR-87-158                              | 10693   | THE SAVANNAH RIVER PLANT'S GROUNDWATER MONITORING PROGRAM. FIRST QUARTER 1987                                       | E.I. DU PONT DE NEMOURS AND COMPANY. |           |
| 000452      | 01/01/87<br>12:00:00<br>AM | HPR-87-002                              | 10693   | THE SAVANNAH RIVER PLANT'S GROUNDWATER MONITORING PROGRAM. THIRD QUARTER 1986                                       | E.I. DU PONT DE NEMOURS AND COMPANY. |           |
| 000454      | 01/01/88<br>12:00:00<br>AM | HPR-88-238                              | 10693   | THE SAVANNAH RIVER PLANT'S GROUNDWATER MONITORING PROGRAM, FIRST QUARTER, 1988                                      | NA                                   |           |
| 000455      | 01/01/88<br>12:00:00<br>AM | HPR-88-489                              | 10693   | THE SAVANNAH RIVER PLANT'S GROUNDWATER MONITORING PROGRAM, THIRD QUARTER, 1988                                      | NA                                   |           |

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| 000457      | 01/01/88<br>12:00:00<br>AM | HPR-88-300           | 10693   | THE SAVANNAH RIVER PLANT'S GROUNDWATER MONITORING PROGRAM. SECOND QUARTER, 1988.                                                                                                                            | NA                            |           |
| 000458      | 06/18/91<br>12:00:00<br>AM | ESH-EMS-900134       | 10693   | THE SAVANNAH RIVER SITE'S GROUNDWATER MONITORING PROGRAM, FOURTH QUARTER 1990 (U)                                                                                                                           | WSRC                          |           |
| 000459      | 10/18/90<br>12:00:00<br>AM | ESH-EMS-900131       | 10693   | THE SAVANNAH RIVER SITE'S GROUNDWATER MONITORING PROGRAM, FIRST QUARTER 1990 (U)                                                                                                                            | WSRC                          |           |
| 000460      | 01/01/89<br>12:00:00<br>AM | ESH-EMS-890046       | 10693   | THE SAVANNAH RIVER SITE'S GROUNDWATER MONITORING PROGRAM. FOURTH QUARTER 1989.                                                                                                                              | WSRC                          |           |
| 000461      | 01/01/89<br>12:00:00<br>AM | ESH-EMS-890045       | 10693   | THE SAVANNAH RIVER SITE'S GROUNDWATER MONITORING PROGRAM. THIRD QUARTER 1989.                                                                                                                               | WSRC                          |           |
| 000462      | 05/01/86<br>12:00:00<br>AM | EPA/440/5-86-001     | 10693   | QUALITY CRITERIA FOR WATER 1986                                                                                                                                                                             | USEPA                         |           |
| 000463      | 10/01/89<br>12:00:00<br>AM | EPA/540/2-89/0541    | 10693   | EVALUATION OF GROUNDWATER EXTRACTION REMEDIES, VOLUME 2, PART 1, CASE STUDIES 1-10, INTERIM FINAL                                                                                                           | USEPA                         |           |
| 000464      | 03/01/92<br>12:00:00<br>AM | WSRC-IM-91-53, VOL I | 10693   | 1992 RCRA PART B PERMIT RENEWAL APPLICATION (U) VOLUME 1, BOOK 1 OF 1, GENERAL INFORMATION                                                                                                                  | WSRC                          |           |
| 000466      | 02/07/91<br>12:00:00<br>AM | ESH-EMS-900132       | 10693   | THE SAVANNAH RIVER SITE'S GROUNDWATER MONITORING PROGRAM, SECOND QUARTER 1990 (U)                                                                                                                           | WSRC                          |           |
| 000467      | 11/01/89<br>01:00:00<br>AM | WSRC-RP-89-119       | 10693   | FINAL REPORT, NUMERICAL SIMULATION OF GROUNDWATER FLOW AND CONTAMINANT TRANSPORT AT THE K, L, AND P AREAS OF THE SAVANNAH RIVER SITE, (WSRC-RP-89-1198) DATED NOVEMBER 1989                                 | CAMP DRESSER & MCKEE, INC.    |           |
| 000469      | 01/01/87<br>12:00:00<br>AM | DPSTD-87-2-TL        | 10693   | TECHNICAL DATA SUMMARY - PLAN FOR CLOSURE OF THE 643-G BURIAL GROUND                                                                                                                                        | J. W. COOK                    |           |
| 000472      | 10/01/90<br>12:00:00<br>AM | WSRC-RP-90-552       | 10693   | THE EFFECT OF CONTAMINATED GROUNDWATER ON TREE GROWTH: A TREE-RING ANALYSIS (U), (WSRC-RP-90-552) DATED OCTOBER 1990                                                                                        | LEBLANC, D. C. AND LOEHLE, C. |           |
| 000473      | 01/01/85<br>12:00:00<br>AM | DPST-85-783          | 10693   | ANALYSIS OF ORGANICS IN 643-G GROUNDWATER BY GC/MS                                                                                                                                                          | S. L. HOFFNER, ET AL          |           |
| 000477      | 01/01/92<br>12:00:00<br>AM | EPA/560/4-92-011     | 10693   | TITLE III LIST OF LISTS: CONSOLIDATED LIST OF CHEMICALS SUBJECT TO REPORTING UNDER THE EMERGENCY PLANNING AND COMMUNITY-RIGHT-TO-KNOW ACT (SARA SECTION 302, CERCLA HAZARDOUS SUBSTANCES, SARA SECTION 313) | USEPA                         |           |
| 000478      | 01/26/72<br>12:00:00<br>AM | DPST-72-210          | 10693   | RELEASE OF RADIOACTIVE WASH WATER TO GROUND, TIM'S BRANCH, AND SEEPAGE BASIN DURING CAVE DECONTAMINATION                                                                                                    | D. E. WATERS                  |           |

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| 000480      | 09/26/85<br>12:00:00<br>AM | DPST-85-783                    | 10693   | ANALYSIS OF ORGANICS IN 643-G GROUNDWATERS BY GC/MS                                                                 | E. L. HOFFER,ET AL      |           |
| 000481      | 12/01/85<br>12:00:00<br>AM | RAE-8511-4                     | 10693   | CONTAMINANT PATHWAY ANALYSIS AND HEALTH RISK ASSESSMENT OF THE METALLURGICAL LABORATORY BASIN                       | R. B. KLEIN,ET AL       |           |
| 000487      | 10/01/87<br>12:00:00<br>AM | DP-1739-2                      | 10693   | COMPREHENSIVE COOLING WATER STUDY, FINAL REPORT, VOLUME II: WATER QUALITY                                           | N. W. LOWER             |           |
| 000488      | 10/01/87<br>12:00:00<br>AM | DP-1739-3                      | 10693   | COMPREHENSIVE COOLING WATER STUDY, FINAL REPORT, VOLUME III: RADIONUCLIDE AND HEAVY METAL TRANSPORT                 | N. W. LOWER             |           |
| 000489      | 03/01/84<br>12:00:00<br>AM | DP-1642                        | 10693   | THE SAVANNAH RIVER PLANT ENVIRONMENT                                                                                | E. K. DUKES             |           |
| 000490      | 10/01/86<br>12:00:00<br>AM | 000490                         | 10693   | RCRA FACILITY ASSESSMENT GUIDANCE                                                                                   | USEPA                   |           |
| 000491      | 08/02/91<br>12:00:00<br>AM | WSRC<br>PROCEDURE<br>MANUAL 5Q | 10693   | WESTINGHOUSE SAVANNAH RIVER COMPANY RADIOLOGICAL CONTROLS (U)                                                       | WSRC                    |           |
| 000492      | 01/01/89<br>12:00:00<br>AM | HPR-86-158                     | 10693   | THE SAVANNAH RIVER SITE'S GROUNDWATER MONITORING PROGRAM. FIRST QUARTER, 1986                                       | DU PONT DE NEMOURS & CO |           |
| 000493      | 01/01/89<br>12:00:00<br>AM | HPR-89-193                     | 10693   | THE SAVANNAH RIVER SITE'S GROUNDWATER MONITORING PROGRAM, FOURTH QUARTER 1988                                       | DU PONT DE NEMOURS & CO |           |
| 000494      | 01/01/87<br>12:00:00<br>AM | HPR-87-072                     | 10693   | THE SAVANNAH RIVER PLANT'S GROUNDWATER MONITORING PROGRAM, FOURTH QUARTER, 1986                                     | DU PONT DE NEMOURS & CO |           |
| 000495      | 12/01/89<br>12:00:00<br>AM | WSRC-RP-89-994                 | 10693   | RCRA FACILITY INVESTIGATION PROGRAM PLAN                                                                            | WSRC                    |           |
| 000502      | 03/01/91<br>12:00:00<br>AM | WSRC-RP-91-17                  | 10693   | LAND AND WATER USE CHARACTERISTICS IN THE VICINITY OF THE SAVANNAH RIVER SITE (U), (WSRC-RP-91-17) DATED MARCH 1991 | D. M. HAMBY             |           |
| 000506      | 08/01/87<br>12:00:00<br>AM | DOE/EH/OEV-10-F                | 10693   | ENVIRONMENTAL SURVEY PRELIMINARY REPORT , SAVANNAH RIVER PLANT                                                      | USDOE                   |           |
| 000507      | 10/01/91<br>12:00:00<br>AM | 40 CFR PART 300                | 10693   | NATIONAL OIL AND HAZARDOUS SUBSTANCES POLLUTION CONTINGENCY PLAN (NCP)                                              | USEPA                   |           |
| 000508      | 02/17/92<br>12:00:00<br>AM | ESH-EMS-910089                 | 10693   | THE SAVANNAH RIVER SITE'S GROUNDWATER MONITORING PROGRAM, THIRD QUARTER 1991 (U)                                    | WSRC                    |           |

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| 000509      | 03/01/89<br>12:00:00<br>AM | EPA/600/3-89/013                   | 10693   | ECOLOGICAL ASSESSMENT OF HAZARDOUS WASTE SITES: A FIELD AND LABORATORY REFERENCE                                                                | USEPA               |           |
| 000510      | 10/18/91<br>12:00:00<br>AM | ESH-EMS-910087                     | 10693   | THE SAVANNAH RIVER SITE'S GROUNDWATER MONITORING PROGRAM, FIRST QUARTER 1991 (U)                                                                | WSRC                |           |
| 000511      | 10/01/90<br>12:00:00<br>AM | WSRC-RP-89-889,<br>DOE/SR/18035P-1 | 10693   | THE GROUNDWATER MONITORING PROGRAM AT THE SAVANNAH RIVER SITE (U)                                                                               | WSRC                |           |
| 000512      | 01/10/92<br>12:00:00<br>AM | ESH-EMS-910088                     | 10693   | THE SAVANNAH RIVER SITE'S GROUNDWATER MONITORING PROGRAM, SECOND QUARTER 1991 (U)                                                               | WSRC                |           |
| 000513      | 03/01/92<br>12:00:00<br>AM | WSRC-IM-91-53,<br>VOL. VI, BK. 1   | 10693   | 1992 RCRA PART B PERMIT RENEWAL APPLICATION (U), VOL. VI, BOOK 1 OF 1, DEFENSE WASTE PROCESSING FACILITY ORGANIC WASTE STORAGE TANK (DWPF OWST) | WSRC                |           |
| →000514     | 03/01/92<br>12:00:00<br>AM | WSRC-IM-91-53,<br>VOL. III, BK. 6  | 10693   | 1992 RCRA PART B PERMIT RENEWAL APPLICATION (U) VOLUME III, BOOK 6 OF 8, M-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (HWMF) - POST CLOSURE       | WSRC                |           |
| 000515      | 11/01/87<br>12:00:00<br>AM | DPST-87-667                        | 10693   | CHARACTERIZATION RECOMMENDATIONS FOR WASTE SITES AT THE SAVANNAH RIVER PLANT                                                                    | D. E. GORDON,ET AL  |           |
| 000516      | 02/14/92<br>12:00:00<br>AM | 000516                             | 10693   | PUBLIC COMMENTS ON THE DRAFT FEDERAL FACILITY AGREEMENT AND DRAFT PUBLIC INVOLVEMENT PLAN                                                       | WSRC                |           |
| 000517      | 03/01/92<br>12:00:00<br>AM | ESH-EMS-910092                     | 10693   | ENVIRONMENTAL PROTECTION DEPARTMENT'S WELL INVENTORY (U) (THROUGH THE FOURTH QUARTER OF 1991)                                                   | WSRC                |           |
| 000518      | 03/23/90<br>01:00:00<br>AM | R61-87                             | 10693   | UNDERGROUND INJECTION CONTROL REGULATIONS PROMULGATED UNDER TITLE 48 CHAPTER 1 OF THE 1976 SOUTH CAROLINA CODE OF LAWS,                         | SCDHEC              |           |
| 000519      | 12/01/89<br>12:00:00<br>AM | WSRC-RP-89-815                     | 10693   | REACTOR OPERATION ENVIRONMENTAL INFORMATION DOCUMENT, VOL. 1. GEOLOGY, SEISMOLOGY AND SUBSURFACE HYDROLOGY (U)                                  | J. S. HASELOW,ET AL |           |
| 000520      | 03/01/87<br>12:00:00<br>AM | DPST-86-725                        | 10693   | ENVIRONMENTAL INFORMATION DOCUMENT: QUALITY ASSURANCE PROGRAM FOR ENVIRONMENTAL ASSESSMENT OF SAVANNAH RIVER PLANT WASTE SITES                  | B. B. LOONEY,ET AL  |           |
| 000528      | 04/01/87<br>01:00:00<br>AM | DPST-85-856                        | 10693   | ENVIRONMENTAL INFORMATION DOCUMENT: Y AREA                                                                                                      | J. W. COOK          |           |
| 000529      | 04/01/87<br>01:00:00<br>AM | DPST-85-853                        | 10693   | ENVIRONMENTAL INFORMATION DOCUMENT: NEW HAZARDOUS AND MIXED WASTE STORAGE/DISPOSAL FACILITIES AT THE SAVANNAH RIVER PLANT                       | J. W. COOK          |           |
| 000533      | 12/01/90<br>12:00:00<br>AM | WSRC-RP-90-987                     | 10693   | CLASSIFICATION OF HYDROSTRATIGRAPHIC UNITS AT THE SAVANNAH RIVER SITE, SOUTH CAROLINA (U), (WSRC-RP-90-987) DATED DECEMBER 1990                 | R. A. AADLAND,ET AL |           |

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| 000537      | 02/26/92<br>12:00:00<br>AM | 000537               | 10693   | GUIDANCE ON RISK CHARACTERIZATION FOR RISK MANAGERS AND RISK ASSESSORS                                                                    | USEPA                   |                                   |
| 000538      | 10/01/90<br>12:00:00<br>AM | EPA/540/G-90/008     | 10693   | GUIDANCE FOR DATA USABILITY IN RISK ASSESSMENT, INTERIM FINAL                                                                             | USEPA                   |                                   |
| 000539      | 01/01/90<br>12:00:00<br>AM | NUS REPORT NO. 5234  | 10693   | SOCIOECONOMIC CHARACTERISTICS OF SELECTED COUNTIES AND COMMUNITIES ADJACENT TO THE SAVANNAH RIVER SITE                                    | NUS CORPORATION         |                                   |
| 000540      | 02/19/92<br>12:00:00<br>AM | ESH-ERG-920049       | 10693   | SUBMITTAL OF DRAFT FEDERAL FACILITY AGREEMENT (FFA) DRAFT APPENDIX D FOR FISCAL YEAR 1992 (U)                                             | J. W. COOK              | J.S.<br>KUTZMAN/H.W.<br>TRUESDALE |
| 000542      | 07/01/89<br>12:00:00<br>AM | EPA/540/A5-89/00     | 10693   | TERRA VAC IN SITU VACUUM EXTRACTION SYSTEM, APPLICATIONS ANALYSIS REPORT                                                                  | USEPA                   |                                   |
| 000543      | 02/21/89<br>12:00:00<br>AM | OSWER 9355.0-26      | 10693   | ADVANCING THE USE OF TREATMENT TECHNOLOGIES FOR SUPERFUND REMEDIES                                                                        | USEPA                   |                                   |
| 000544      | 11/30/89<br>12:00:00<br>AM | OSWER 9380.3-04      | 10693   | ANALYSIS OF TREATABILITY DATA FOR SOIL AND DEBRIS: EVALUATION OF LAND BAN IMPACT ON USE OF SUPERFUND TREATMENT TECHNOLOGIES               | USEPA                   |                                   |
| 000545      | 02/01/87<br>12:00:00<br>AM | OSWER 9360.0-14      | 10693   | USE OF EXPANDED REMOVAL AUTHORITY TO ADDRESS NPL AND PROPOSED NPL SITES                                                                   | USEPA                   |                                   |
| 000548      | 03/31/87<br>01:00:00<br>AM | HPR-87-189           | 10693   | AREA MAPS OF WELLS MONITORED BY THE HEALTH PROTECTION DEPARTMENT (U), MARCH 31, 1987                                                      | DU PONT DE NEMOURS & CO |                                   |
| 000556      | 04/27/92<br>12:00:00<br>AM | 000556               | 10693   | SCDHEC NOTIFICATION OF FFA PROJECT MANAGER                                                                                                | L.R. BEDENBAUGH         | J. W. COOK                        |
| 000559      | 11/01/87<br>12:00:00<br>AM | DPST-86-674          | 10693   | SRP BASELINE HYDROGEOLOGIC INVESTIGATION - PHASE II                                                                                       | H. W. BLEDSOE           |                                   |
| 000561      | 04/01/86<br>01:00:00<br>AM | DPST-86-797, VOL. II | 10693   | LOTIC AQUATIC ECOSYSTEMS OF THE SAVANNAH RIVER PLANT: IMPACT EVALUATION, HABITAT ANALYSES AND THE LOWER FOOD CHAIN COMMUNITIES, VOLUME II | P. FIRTH, ET AL         |                                   |
| 000562      | 11/11/88<br>12:00:00<br>AM | DPST-88-619          | 10693   | SOIL GAS SURVEYS AT SELECTED POTENTIAL WASTE SITES AT THE SAVANNAH RIVER PLANT                                                            | B. B. LOONEY & V. PRICE |                                   |
| 000564      | 10/03/80<br>12:00:00<br>AM | DPST-80-601          | 10693   | GROUNDWATER DATA FROM H AREA, SAVANNAH RIVER PLANT, SOUTH CAROLINA                                                                        | R. W. ROOT              |                                   |
| 000566      | 06/20/90<br>12:00:00<br>AM | WSRC-RP-90-059       | 10693   | ANALYSIS OF SOIL AND WASTE AT THE FOURMILE CREEK SEEPLINE NEAR THE F&H AREAS OF SRS (U)                                                   | J. S. HASELOW, ET AL    |                                   |



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| 000567      | 04/01/91<br>01:00:00<br>AM | OSWER 9355.3-02FS-3             | 10693   | GUIDE TO DEVELOPING SUPERFUND NO ACTION, INTERIM ACTION, AND CONTINGENCY USEPA REMEDY RODS                                                                          |                                                |                     |
| 000568      | 04/01/86<br>01:00:00<br>AM | DPST-86-797, VOL. I             | 10693   | LOTIC AQUATIC ECOSYSTEMS OF THE SAVANNAH RIVER PLANT: IMPACT EVALUATION, HABITAT ANALYSES AND THE LOWER FOOD CHAIN COMMUNITIES, VOLUME I                            | P. FIRTH,ET AL                                 |                     |
| 000569      | 04/08/88<br>12:00:00<br>AM | HPR-88-212                      | 10693   | WELLS MONITORED BY THE HEALTH PROTECTION DEPARTMENT, INCLUDES CURRENT AND PAST MONITORING (AS OF APRIL 8, 1988)                                                     | NA                                             |                     |
| 000578      | 04/08/88<br>12:00:00<br>AM | HPR-88-001                      | 10693   | WELLS MONITORED BY THE HEALTH PROTECTION DEPARTMENT, INCLUDES CURRENT AND PAST MONITORING AS OF OCTOBER 8, 1987                                                     | OLSON,C. M.                                    |                     |
| 000579      | 12/01/90<br>12:00:00<br>AM | DOE/EIS-0147, VOL. I            | 10693   | FINAL ENVIRONMENTAL IMPACT STATEMENT, CONTINUED OPERATION OF K-, L-, AND P-REACTORS, SAVANNAH RIVER SITE, AIKEN, SOUTH CAROLINA, VOLUME I                           | USDOE                                          |                     |
| 000580      | 12/01/90<br>12:00:00<br>AM | DOE/EIS-0147, VOL. II           | 10693   | FINAL ENVIRONMENTAL IMPACT STATEMENT, CONTINUED OPERATION OF K-, L-, AND P-REACTORS, SAVANNAH RIVER SITE, AIKEN, SOUTH CAROLINA, VOLUME II                          | USDOE                                          |                     |
| 000581      | 05/01/92<br>12:00:00<br>AM | WSRC-IM-91-53, VOL. VIII, BK. 1 | 10693   | 1992 RCRA PART B PERMIT RENEWAL APPLICATION (U) VOLUME VIII, BOOK 1 OF 1, MIXED WASTE STORAGE BUILDINGS AND WASTE STORAGE PADS                                      | WSRC                                           |                     |
| 000582      | 04/17/87<br>12:00:00<br>AM | CORR-870116 (SAIC-87/1645)      | 10693   | ECOLOGIC ASSESSMENT OF CLOSURE OPTIONS FOR SAVANNAH RIVER PLANT WASTE SITES (AX-681812)                                                                             | SCIENCE APPLICATIONS INTERNATIONAL CORPORATION |                     |
| 000585      | 08/01/91<br>12:00:00<br>AM | EPA/625/6-91/026                | 10693   | STABILIZATION TECHNOLOGIES FOR RCRA CORRECTIVE ACTIONS                                                                                                              | USEPA                                          |                     |
| 000589      | 12/01/83<br>12:00:00<br>AM | DPST-83-829, VOL. II            | 10693   | TECHNICAL SUMMARY OF GROUNDWATER QUALITY PROTECTION PROGRAM AT SAVANNAH RIVER PLANT                                                                                 | J. A. STONE & E. J. CHRISTENSEN                |                     |
| 000590      | 03/01/87<br>12:00:00<br>AM | DPST-86-291                     | 10693   | ENVIRONMENTAL INFORMATION DOCUMENT: SELECTION OF CHEMICAL CONSTITUENTS AND ESTIMATION OF INVENTORIES FOR ENVIRONMENTAL ANALYSIS OF SAVANNAH RIVER PLANT WASTE SITES | B. B. LOONEY,ET AL                             |                     |
| 000591      | 09/01/86<br>12:00:00<br>AM | OSWER 9950.1                    | 10693   | RCRA GROUNDWATER MONITORING TECHNICAL ENFORCEMENT GUIDANCE DOCUMENT                                                                                                 | USEPA                                          |                     |
| 000600      | 04/02/92<br>01:00:00<br>AM | ESH-ERG-920299                  | 10693   | NOTIFICATION OF DISCOVERY OF ABANDONED DRUMS - CSX RAILROAD RIGHT OF WAY (U)                                                                                        | J. W. COOK                                     | J. S. KUTZMAN/H. W. |
| 000602      | 06/05/90<br>12:00:00<br>AM | 000602                          | 10693   | USEPA RESPONSE TO REQUESTS FOR CHANGES TO THE RFI SUBMITTAL SCHEDULE AND RFI PROGRAM                                                                                | J. H. SCARBROUGH                               | S. R. WRIGHT        |
| 000612      | 08/01/89<br>12:00:00<br>AM | EPA/540/4-89/004                | 10693   | SUPERFUND GROUND WATER ISSUE: CONTAMINANT TRANSPORT IN FRACTURED MEDIA; MODELS FOR DECISION MAKERS                                                                  | USEPA                                          |                     |

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| 000615      | 10/21/90<br>12:00:00<br>AM | WSRC-RP-89-898                              | 10693   | WASTE MANAGEMENT UNITS - SAVANNAH RIVER SITE. VOLUME I                                                            | WSRC                      |               |
| 000616      | 08/06/92<br>12:00:00<br>AM | 000616                                      | 10693   | USEPA GUIDANCE ON RCRA POST-CLOSURE PERMITS AT NPL SITES                                                          | J. D. JOHNSTON            | J. W. COOK    |
| 000617      | 01/01/92<br>12:00:00<br>AM | EPA/540/R-92/009<br>DIRECTIVE<br>9230.0-03C | 10693   | COMMUNITY RELATIONS IN SUPERFUND: A HANDBOOK                                                                      | USEPA                     |               |
| 000634      | 07/18/89<br>12:00:00<br>AM | ESH-FSG-890161                              | 10693   | EP TOXICITY TESTING OF CONTAMINATED SOIL FROM THE CLEANUP NEAR TANK 37                                            | J. V. ODUM                | L. C. GOIDELL |
| 000642      | 08/01/92<br>12:00:00<br>AM | 000642                                      | 10693   | SAVANNAH RIVER SITE PROPOSED, THREATENED, ENDANGERED, & SENSITIVE PLANTS AND ANIMALS                              | DEPARTMENT OF AGRICULTURE |               |
| 000643      | 09/01/91<br>12:00:00<br>AM | 9345.1-04                                   | 10693   | PRESORE SOFTWARE USERS MANUAL AND TUTORIAL, VERSION 1.0                                                           | USEPA                     |               |
| 000644      | 04/20/99                   | 000644                                      | 10693   | GROUNDWATER MONITORING INFORMATION: FIELD LOGS, FIRST QUARTER 1986 (1Q86)                                         |                           |               |
| 000645      | 04/20/99                   | 000645                                      | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, FIRST QUARTER 1986 (1Q86), WELLS ABP1A THROUGH PSB7A  |                           |               |
| 000646      | 04/20/99                   | 000646                                      | 10693   | GROUNDWATER MONITORING INFORMATION: FIELD LOGS, SECOND QUARTER 1986 (2Q86)                                        |                           |               |
| 000647      | 04/20/99                   | 000647                                      | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, SECOND QUARTER 1986 (2Q86), WELLS ABP1A THROUGH YSB4A |                           |               |
| 000648      | 04/20/99                   | 000648                                      | 10693   | GROUNDWATER MONITORING INFORMATION: FIELD LOGS, THIRD QUARTER 1986 (3Q86)                                         |                           |               |
| 000649      | 04/20/99                   | 000649                                      | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, THIRD QUARTER 1986 (3Q86), WELLS ADP1A THROUGH HXB3   |                           |               |
| 000650      | 04/20/99                   | 000650                                      | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, THIRD QUARTER 1986 (3Q86), WELLS KAB1 THROUGH YSB4A   |                           |               |
| 000651      | 04/20/99                   | 000651                                      | 10693   | GROUNDWATER MONITORING INFORMATION: FIELD LOGS, FOURTH QUARTER 1986 (4Q86)                                        |                           |               |
| 000652      | 04/20/99                   | 000652                                      | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, FOURTH QUARTER 1986 (4Q86), WELLS 241-H THROUGH XSB5A |                           |               |

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| 000653      | 04/20/99 | 000653     | 10693   | GROUNDWATER MONITORING INFORMATION: FIELD LOGS, FIRST QUARTER 1987 (1Q87)                                           |        |           |
| 000654      | 01/01/87 | 000654     | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, FIRST QUARTER 1987 (1Q87), WELLS 241-H THROUGH YSB4A    |        |           |
| 000655      | 04/20/99 | 000655     | 10693   | GROUNDWATER MONITORING INFORMATION: FIELD LOGS, SECOND QUARTER 1987 (2Q87)                                          |        |           |
| 000656      | 04/20/99 | 000656     | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, SECOND QUARTER 1987 (2Q87), WELLS 241-H THROUGH ZW10    |        |           |
| 000657      | 04/20/99 | 000657     | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, THIRD QUARTER 1987 (3Q87), WELLS 241-H THROUGH HXB3     |        |           |
| 000658      | 04/20/99 | 000658     | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, THIRD QUARTER 1987 (3Q87), WELLS KAB1 THROUGH ZDT3      |        |           |
| 000659      | 04/20/99 | 000659     | 10693   | GROUNDWATER MONITORING INFORMATION: FIELD LOGS, FOURTH QUARTER 1987 (4Q87)                                          |        |           |
| 000660      | 04/20/99 | 000660     | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, FOURTH QUARTER 1987 (4Q87), WELLS 241-H THROUGH HSB86D  |        |           |
| 000661      | 04/20/99 | 000661     | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, FOURTH QUARTER 1987 (4Q87), WELLS HTF1 THROUGH ZBG2     |        |           |
| 000662      | 04/20/99 | 000662     | 10693   | GROUNDWATER MONITORING INFORMATION: FIELD LOGS, FIRST QUARTER 1988 (1Q88)                                           |        |           |
| 000663      | 04/20/99 | 000663     | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, FIRST QUARTER 1988 (1Q88), WELLS ABP1A THROUGH HSB124A  |        |           |
| 000664      | 04/20/99 | 000664     | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, FIRST QUARTER 1988 (1Q88), WELLS HFT1 THROUGH ZW10      |        |           |
| 000665      | 04/20/99 | 000665     | 10693   | GROUNDWATER MONITORING INFORMATION: FIELD LOGS, SECOND QUARTER 1988 (2Q88)                                          |        |           |
| 000666      | 04/20/99 | 000666     | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, SECOND QUARTER 1988 (2Q88), WELLS ACB1A THROUGH HSB139B |        |           |
| 000667      | 04/20/99 | 000667     | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, SECOND QUARTER 1988 (2Q88), WELLS HTF1 THROUGH ZW10     |        |           |

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| 000668      | 04/20/99                   | 000668         | 10693   | GROUNDWATER MONITORING INFORMATION: FIELD LOGS, THIRD QUARTER 1988 (3Q88)                                          |            |                      |
| 000669      | 04/20/99                   | 000669         | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, THIRD QUARTER 1988 (3Q88), WELLS ABP1 THROUGH HSB139D  |            |                      |
| 000670      | 04/20/99                   | 000670         | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, THIRD QUARTER 1988 (3Q88), WELLS HFT1 THROUGH ZW9      |            |                      |
| 000671      | 04/20/99                   | 000671         | 10693   | GROUNDWATER MONITORING INFORMATION: FIELD LOGS, FOURTH QUARTER 1988 (4Q88)                                         |            |                      |
| 000672      | 04/20/99                   | 000672         | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, FOURTH QUARTER 1988 (4Q88), WELLS 241-H THROUGH ZDT3   |            |                      |
| 000673      | 04/20/99                   | 000673         | 10693   | GROUNDWATER MONITORING INFORMATION: FIELD LOGS, FIRST QUARTER 1989 (1Q89)                                          |            |                      |
| 000674      | 04/20/99                   | 000674         | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, FIRST QUARTER 1989 (1Q89), WELLS 241-H THROUGH HSB139D |            |                      |
| 000675      | 04/20/99                   | 000675         | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, FIRST QUARTER 1989 (1Q89), WELLS HSS1D THROUGH ZW3     |            |                      |
| 000676      | 04/20/99                   | 000676         | 10693   | GROUNDWATER MONITORING INFORMATION: FIELD LOGS, SECOND QUARTER 1989 (2Q89)                                         |            |                      |
| 000677      | 04/20/99                   | 000677         | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, SECOND QUARTER 1989 (2Q89), WELLS 241-H THROUGH HXB3   |            |                      |
| 000678      | 04/20/99                   | 000678         | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, SECOND QUARTER 1989 (2Q89), WELLS KAB1 THROUGH ZW8     |            |                      |
| 000679      | 09/30/87                   | 000679         | 10693   | GROUNDWATER MONITORING INFORMATION: FIELD LOGS, THIRD QUARTER 1987 (3Q87)                                          |            |                      |
| 000680      | 10/14/92<br>12:00:00<br>AM | ESH-ERG-920595 | 10693   | SPILL RESPONSE VS. CERCLA REMOVAL ACTIONS                                                                          | J. W. COOK | J. D. JOHNSTON/H. W. |
| 000690      | 03/13/92<br>01:00:00<br>AM | ESH-ERG-920031 | 10693   | SUBMITTAL OF SAVANNAH RIVER SITE ECOLOGICAL RISK ASSESSMENT PROGRAM PLAN OUTLINE (U)                               | J. W. COOK | J. D. KUTZMAN/H. W.  |
| 000693      | 04/01/92<br>01:00:00<br>AM | 9345.3-03FS    | 10693   | GUIDE TO MANAGEMENT OF INVESTIGATION-DERIVED WASTES                                                                | USEPA      |                      |

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| 000696      | 07/01/92<br>12:00:00<br>AM | 9345.1-04                                    | 10693   | PRESCORE SOFTWARE USERS MANUAL VERSION 1.1                                                                                | USEPA                                                  |           |
| 000697      | 06/30/92<br>12:00:00<br>AM | WSRC-TR-92-186                               | 10693   | SAVANNAH RIVER SITE ENVIRONMENTAL REPORT FOR 1991 (U)                                                                     | M. W. ARNETT,ET AL                                     |           |
| 000698      | 06/30/92<br>12:00:00<br>AM | WSRC-TR-92-186                               | 10693   | SUMMARY PAMPHLET FOR THE SAVANNAH RIVER SITE ENVIRONMENTAL REPORT FOR 1991 (U)                                            | M. W. ARNETT,ET AL                                     |           |
| 000699      | 12/01/89<br>12:00:00<br>AM | 000699                                       | 10693   | TOXICOLOGICAL PROFILE FOR MERCURY                                                                                         | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |           |
| 000700      | 12/01/88<br>12:00:00<br>AM | 000700                                       | 10693   | TOXICOLOGICAL PROFILE FOR NICKEL                                                                                          | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |           |
| 000701      | 12/01/88<br>12:00:00<br>AM | 000701                                       | 10693   | TOXICOLOGICAL PROFILE FOR BERYLLIUM                                                                                       | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |           |
| 000702      | 03/01/89<br>12:00:00<br>AM | 000702                                       | 10693   | TOXICOLOGICAL PROFILE FOR ARSENIC                                                                                         | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |           |
| 000703      | 10/01/89<br>12:00:00<br>AM | 000703                                       | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR PLUTONIUM                                                                                 | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |           |
| 000704      | 12/01/89<br>12:00:00<br>AM | 000704                                       | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR ZINC                                                                                      | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |           |
| 000705      | 02/01/88<br>12:00:00<br>AM | 000705                                       | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR LEAD                                                                                      | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |           |
| 000706      | 03/01/89<br>12:00:00<br>AM | 000706                                       | 10693   | TOXICOLOGICAL PROFILE FOR CADMIUM                                                                                         | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |           |
| 000707      | 10/01/87<br>12:00:00<br>AM | 000707                                       | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR CHROMIUM                                                                                  | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |           |
| 000708      | 05/01/92<br>12:00:00<br>AM | EPA/625/R-92/002                             | 10693   | VITRIFICATION TECHNOLOGIES FOR TREATMENT OF HAZARDOUS AND RADIOACTIVE WASTE                                               | USEPA                                                  |           |
| 000711      | 11/23/90<br>12:00:00<br>AM | REGULATIONS<br>R.61-79.124,<br>R.61.79.260 - | 10693   | SOUTH CAROLINA HAZARDOUS WASTE MANAGEMENT REGULATIONS, NOVEMBER 23, 1990, R.61-79.124, R.61.79.260 - .266, .268, AND .270 | SCDHEC                                                 |           |
| 000713      | 10/01/91<br>12:00:00<br>AM | 000713                                       | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR N-NITROSODIPHENYLAMINE                                                                    | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |           |

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| 000714      | 10/01/91<br>12:00:00<br>AM | 000714                     | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR ALDRIN/DIELDRIN                                                                                               | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |            |
| 000715      | 10/01/91<br>12:00:00<br>AM | 000715                     | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR HEPTACHLOR/HEPTACHLOR EPOXIDE                                                                                 | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |            |
| 000716      | 10/01/91<br>12:00:00<br>AM | 000716                     | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR VINYL CHLORIDE                                                                                                | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |            |
| 000717      | 10/01/91<br>12:00:00<br>AM | 000717                     | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR DI(2-ETHYLHEXYL) PHTHALATE                                                                                    | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |            |
| 000718      | 10/01/91<br>12:00:00<br>AM | 000718                     | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR METHYLENE CHLORIDE                                                                                            | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |            |
| 000719      | 10/01/91<br>12:00:00<br>AM | 000719                     | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR 1,4-DICHLOROBENZENE                                                                                           | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |            |
| 000720      | 10/01/91<br>12:00:00<br>AM | 000720                     | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR CYANIDE                                                                                                       | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |            |
| 000721      | 07/01/92<br>12:00:00<br>AM | 000721                     | 10693   | TOXICOLOGICAL PROFILE FOR ALUMINUM                                                                                                            | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |            |
| 000727      | 03/01/87<br>12:00:00<br>AM | DPST-85-904                | 10693   | ENVIRONMENTAL INFORMATION DOCUMENT: ESTIMATION OF GEOCHEMICAL<br>PARAMETERS FOR ASSESSING SUBSURFACE TRANSPORT AT THE SAVANNAH RIVER<br>PLANT | B. B. LOONEY,ET. AL.                                   |            |
| 000728      | 08/01/92<br>12:00:00<br>AM | 000728                     | 10693   | USEPA RCRA GUIDANCE: MANAGEMENT OF CONTAMINATED MEDIA, AUGUST 1992<br>DRAFT                                                                   | USEPA                                                  |            |
| 000729      | 05/27/92<br>12:00:00<br>AM | 9283.1-06                  | 10693   | CONSIDERATIONS IN GROUNDWATER REMEDIATION AT SUPERFUND SITES AND RCRA<br>FACILITIES -- UPDATE                                                 | USEPA                                                  |            |
| 000730      | 01/01/92<br>12:00:00<br>AM | 9355.4-07FS                | 10693   | ESTIMATING POTENTIAL FOR OCCURRENCE OF DNAPL AT SUPERFUND SITES                                                                               | USEPA                                                  |            |
| 000731      | 12/13/91<br>12:00:00<br>AM | OSWER<br>9285.7-01B        | 10693   | HUMAN HEALTH EVALUATION MANUAL, PART B: "DEVELOPMENT OF RISK-BASED<br>PRELIMINARY REMEDIATION GOALS"                                          | H. LONGEST AND B.<br>DIAMOND                           |            |
| 000732      | 02/01/92<br>12:00:00<br>AM | 9355.4-05<br>(PB92-963346) | 10693   | EVALUATION OF GROUNDWATER EXTRACTION REMEDIES: PHASE II, VOLUME 1,<br>SUMMARY REPORT                                                          | USEPA                                                  |            |
| 000734      | 07/22/92<br>12:00:00<br>AM | 000734                     | 10693   | EPA LETTER RE: REMOVAL ACTION PROGRAM                                                                                                         | J. D. JOHNSTON                                         | J. W. COOK |

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| 000735      | 09/01/90<br>12:00:00<br>AM | 9360.3-01      | 10693   | SUPERFUND REMOVAL PROCEDURES, ACTION MEMORANDUM GUIDANCE                                                                  | USEPA                                            |            |
| 000737      | 06/01/91<br>12:00:00<br>AM | 9234.2-01/FS-A | 10693   | ARARS Q'S & A'S: GENERAL POLICY, RCRA, CWA, SDWA, POST-ROD INFORMATION, AND USEPA CONTINGENT WAIVERS                      |                                                  |            |
| 000738      | 01/01/91<br>12:00:00<br>AM | 9234.2-13/FS   | 10693   | ARARS Q'S & A'S: THE FUND-BALANCING WAIVER                                                                                | USEPA                                            |            |
| 000739      | 09/01/91<br>12:00:00<br>AM | 9375.5-01/FS   | 10693   | STATE AND LOCAL INVOLVEMENT IN THE SUPERFUND PROGRAM                                                                      | USEPA                                            |            |
| 000740      | 09/01/91<br>12:00:00<br>AM | 9375.5-02/FS   | 10693   | INDIAN TRIBAL INVOLVEMENT IN THE SUPERFUND PROGRAM                                                                        | USEPA                                            |            |
| 000741      | 04/22/91<br>12:00:00<br>AM | 9355.0-30      | 10693   | ROLE OF THE BASELINE RISK ASSESSMENT IN SUPERFUND REMEDY SELECTION DECISIONS                                              | D. R. CLAY                                       |            |
| 000742      | 03/27/89<br>01:00:00<br>AM | 9347.0-1       | 10693   | INTERIM RCRA/CERCLA GUIDANCE IN NON-CONTIGUOUS SITES AND ON-SITE MANAGEMENT OF WASTE AND TREATMENT RESIDUE                | J. W. PORTER                                     |            |
| 000743      | 06/15/89<br>12:00:00<br>AM | 9347.2-01      | 10693   | LAND DISPOSAL RESTRUCTIONS AS RELEVANT AND APPROPRIATE REQUIREMENTS FOR CERCLA CONTAMINATED SOIL AND DEBRIS               | H. L. LONGEST                                    |            |
| 000744      | 10/01/90<br>12:00:00<br>AM | 9347.3-08FS    | 10693   | SUPERFUND LDR GUIDE #8: COMPLIANCE WITH THIRD THIRD REQUIREMENTS UNDER THE LDRS                                           | USEPA                                            |            |
| 000745      | 10/01/90<br>12:00:00<br>AM | 9347.3-11FS    | 10693   | CERCLA COMPLIANCE WITH THE RCRA TOXICITY CHARACTERISTICS (TC) RULE: PART II                                               | USEPA                                            |            |
| 000746      | 07/01/90<br>12:00:00<br>AM | 9234.2-11/FS   | 10693   | ARARS Q'S & A'S: STATE GROUNDWATER ANTIDEGRADATION ISSUES                                                                 | USEPA                                            |            |
| 000747      | 08/01/91<br>12:00:00<br>AM | 9234.2-15/FS   | 10693   | ARARS Q'S & A'S: COMPLIANCE WITH NEW SDWA NATIONAL PRIMARY DRINKING WATER REGULATIONS FOR ORGANIC AND INORGANIC CHEMICALS | USEPA                                            |            |
| 000751      | 11/05/92<br>12:00:00<br>AM | 000751         | 10693   | SCDHEC RESPONSE TO SRS REQUEST FOR APPROVAL FOR A MICROBIAL DEGRADATION DEMONSTRATION (LETTER ESH-ERG-910959)             | F. A. RAGAN                                      | J. W. COOK |
| 000753      | 10/01/92<br>12:00:00<br>AM | 000753         | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR 4,4'-DDT, 4,4'-DDE, AND 4,4'-DDD                                                          | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |            |
| 000754      | 10/01/92<br>12:00:00<br>AM | 000754         | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR ALPHA-, BETA-, GAMMA-, AND DELTA-HEXACHLOROCYCLOHEXANE                                    | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |            |

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| 000755      | 10/01/92 12:00:00 AM | 000755         | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR CHLORDANE                                                                                                         | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                      |
| 000756      | 10/01/92 12:00:00 AM | 000756         | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR METHOXYCHLOR                                                                                                      | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                      |
| 000757      | 10/01/92 12:00:00 AM | 000757         | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR HEXACHLOROBUTADIENE                                                                                               | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                      |
| 000758      | 10/01/92 12:00:00 AM | 000758         | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR 4,4'-METHYLENEBIS-(2-CHLOROANILINE) (MBOCA)                                                                       | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                      |
| 000759      | 10/01/92 12:00:00 AM | 000759         | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR PENTACHLOROPHENOL                                                                                                 | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                      |
| 000760      | 10/01/92 12:00:00 AM | 000760         | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR MERCURY                                                                                                           | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                      |
| 000761      | 10/01/92 12:00:00 AM | 000761         | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR 1,2-DICHLOROETHANE                                                                                                | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                      |
| 000762      | 10/01/92 12:00:00 AM | 000762         | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR 1,1-DICHLOROETHENE                                                                                                | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                      |
| 000763      | 10/01/92 12:00:00 AM | 000763         | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR ACETONE                                                                                                           | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                      |
| 000764      | 10/01/92 12:00:00 AM | 000764         | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR CARBON TETRACHLORIDE                                                                                              | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                      |
| 000765      | 10/01/92 12:00:00 AM | 000765         | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR CHLORODIBENZOFURANS                                                                                               | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                      |
| 000766      | 10/01/92 12:00:00 AM | 000766         | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR ZINC                                                                                                              | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                      |
| 000767      | 11/30/92 12:00:00 AM | ESH-ERG-920649 | 10693   | SUBMITTAL OF THE DRAFT FEDERAL FACILITY AGREEMENT FISCAL YEAR 1993 APPENDIX D, TIMETABLES AND DEADLINES AND APPENDIX E, LONG-TERM PROJECTIONS (U) | J. W. COOK                                       | J. D. JOHNSTON/H. W. |
| 000776      | 06/30/92 12:00:00 AM | ESH-ERG-920416 | 10693   | 12/23/54 SPILL SITE EVALUATION REPORT (U)                                                                                                         | J. W. COOK                                       | J. D. JOHNSTON/H.V   |
| 000784      | 06/02/92 12:00:00 AM | ESH-EMS-910090 | 10693   | THE SAVANNAH RIVER SITE'S GROUNDWATER MONITORING PROGRAM, FOURTH QUARTER 1991 (U)                                                                 | WSRC                                             | TRUESDALE            |



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| 000785      | 08/03/92<br>12:00:00<br>AM | ESH-EMS-920035                    | 10693   | THE SAVANNAH RIVER SITE'S GROUNDWATER MONITORING PROGRAM, FIRST QUARTER 1992 (U)                      | WSRC                                             |              |
| 000786      | 01/14/93<br>12:00:00<br>AM | 000786                            | 10693   | USEPA COMMENTS ON THE ECOLOGICAL RISK ASSESSMENT PROGRAM PLAN (WSRC-RP-92-232)                        | J. D. JOHNSTON                                   | J. W. COOK   |
| 000789      | 12/04/92<br>12:00:00<br>AM | 000789                            | 10693   | TRANSMITTAL OF THE FINAL FEDERAL FACILITY AGREEMENT FOR THE SAVANNAH RIVER SITE                       | G. C. TIDWELL/R. L. SHAW                         | P. M. HEKMAN |
| 000790      | 01/15/93<br>12:00:00<br>AM | 000790                            | 10693   | SAVANNAH RIVER SITE 1993 FEDERAL FACILITY AGREEMENT (FFA)                                             | WSRC                                             |              |
| 000791      | 04/06/92<br>12:00:00<br>AM | WSRC-RP-92-232                    | 10693   | ECOLOGICAL RISK ASSESSMENT PROGRAM PLAN FOR EVALUATION OF WASTE SITES ON THE SAVANNAH RIVER SITE (U)  | WSRC                                             |              |
| 000792      | 10/01/92<br>12:00:00<br>AM | WSRC-RP-92-119<br>REV. 0          | 10693   | SOIL REMEDIATION DEMONSTRATION PROJECT WORK PLAN N(U)                                                 | WSRC                                             |              |
| 000796      | 10/01/92<br>12:00:00<br>AM | 000796                            | 10693   | PRIORITY SYSTEM, READING ROOM INFORMATION                                                             | OFFICE OF ENVIRONMENTAL RESTORATION AND WSRC     |              |
| 000797      | 09/08/92<br>12:00:00<br>AM | WSRC-RP-91-445<br>REV. 2          | 10693   | SAVANNAH RIVER SITE PUBLIC INVOLVEMENT PLAN                                                           |                                                  |              |
| 000798      | 10/01/89<br>12:00:00<br>AM | 000798                            | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR TOLUENE                                                               | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |              |
| 000804      | 10/07/92<br>12:00:00<br>AM | ESH-EMS-920036                    | 10693   | THE SAVANNAH RIVER SITE'S GROUNDWATER MONITORING PROGRAM, SECOND QUARTER 1992 (U)                     | WSRC                                             |              |
| 000805      | 06/01/88<br>12:00:00<br>AM | DPSPU-86-25-1                     | 10693   | RELEASES OF RADIOACTIVITY AT THE SAVANNAH RIVER PLANT                                                 | DU PONT DE NEMOURS & CO                          |              |
| 000806      | 07/01/85<br>12:00:00<br>AM | DP-1697-10                        | 10693   | COMPREHENSIVE COOLING WATER STUDY ANNUAL REPORT: VOLUME X - ENDANGERED SPECIES                        | J. B. GLADDEN, ET AL                             |              |
| 000808      | 10/01/90<br>12:00:00<br>AM | ENVIRONMENTAL BULLETIN, VOLUME 1, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 1, NUMBER 1, WSRC DATED OCTOBER 1, 1990. |                                                  |              |
| 000809      | 10/01/90<br>12:00:00<br>AM | ENVIRONMENTAL BULLETIN, VOLUME 1, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE- VOLUME 1, NUMBER 2, WSRC DATED OCTOBER 1, 1990.  |                                                  |              |
| 000810      | 11/05/90<br>12:00:00<br>AM | ENVIRONMENTAL BULLETIN, VOLUME 1, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE- VOLUME 1, NUMBER 3, WSRC DATED NOVEMBER 5, 1990. |                                                  |              |

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| 000811         | 12/05/90<br>12:00:00<br>AM | ENVIRONMENTAL<br>BULLETIN,<br>VOLUME 1, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 1, NUMBER 4, WSRC<br>DATED DECEMBER 5, 1990.   |        |           |
| 000812         | 12/20/90<br>12:00:00<br>AM | ENVIRONMENTAL<br>BULLETIN,<br>VOLUME 1, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 1, NUMBER 5, WSRC<br>DATED DECEMBER 20, 1990.  |        |           |
| 000813         | 03/28/91<br>01:00:00<br>AM | ENVIRONMENTAL<br>BULLETIN,<br>VOLUME 2, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 2, NUMBER 1, WSRC<br>DATED MARCH 28, 1991.     |        |           |
| 000814         | 03/01/91<br>12:00:00<br>AM | ENVIRONMENTAL<br>BULLETIN,<br>VOLUME 2, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 2, NUMBER 2, WSRC<br>DATED MARCH 1, 1991.      |        |           |
| 000815         | 05/10/91<br>12:00:00<br>AM | ENVIRONMENTAL<br>BULLETIN,<br>VOLUME 2, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 2, NUMBER 3, DATED MAY 10, 1991.               | WSRC   |           |
| 000816         | 06/17/91<br>12:00:00<br>AM | ENVIRONMENTAL<br>BULLETIN,<br>VOLUME 2, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 2, NUMBER 4, WSRC<br>DATED JUNE 17, 1991.      |        |           |
| 000817         | 07/26/91<br>12:00:00<br>AM | ENVIRONMENTAL<br>BULLETIN,<br>VOLUME 2, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 2, NUMBER 5, WSRC<br>DATED JULY 26, 1991.      |        |           |
| 000818         | 08/20/91<br>12:00:00<br>AM | ENVIRONMENTAL<br>BULLETIN,<br>VOLUME 2, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 2, NUMBER 6, WSRC<br>DATED AUGUST 20, 1991.    |        |           |
| 000819         | 09/06/91<br>12:00:00<br>AM | ENVIRONMENTAL<br>BULLETIN,<br>VOLUME 2, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE- VOLUME 2, NUMBER 7, WSRC<br>DATED SEPTEMBER 6, 1991.   |        |           |
| 000820         | 09/20/91<br>12:00:00<br>AM | ENVIRONMENTAL<br>BULLETIN,<br>VOLUME 2, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 2, NUMBER 8, WSRC<br>DATED SEPTEMBER 20, 1991. |        |           |
| 000821         | 10/04/91<br>12:00:00<br>AM | ENVIRONMENTAL<br>BULLETIN,<br>VOLUME 2, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 2, NUMBER 9, WSRC<br>DATED OCTOBER 4, 1991.    |        |           |
| 000822         | 10/01/91<br>12:00:00<br>AM | ENVIRONMENTAL<br>BULLETIN,<br>VOLUME 2, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 2, NUMBER 10, DATED OCTOBER 1, 1991.           | WSRC   |           |
| 000823         | 12/20/91<br>12:00:00<br>AM | ENVIRONMENTAL<br>BULLETIN,<br>VOLUME 2, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 2, NUMBER 11, DATED DECEMBER 20, 1991.         | WSRC   |           |
| 000824         | 03/13/92<br>01:00:00<br>AM | ENVIRONMENTAL<br>BULLETIN,<br>VOLUME 3, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 3, NUMBER 1, WSRC<br>DATED MARCH 13, 1992.     |        |           |
| 000825         | 03/27/92<br>01:00:00<br>AM | ENVIRONMENTAL<br>BULLETIN,<br>VOLUME 3, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 3, NUMBER 2, WSRC<br>DATED MARCH 27, 1992.     |        |           |

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| 000826      | 04/01/92<br>01:00:00<br>AM | ENVIRONMENTAL<br>BULLETIN,<br>VOLUME 3, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 3, NUMBER 3, WSRC<br>DATED APRIL 1, 1992.      |                |            |
| 000827      | 05/11/92<br>12:00:00<br>AM | ENVIRONMENTAL<br>BULLETIN,<br>VOLUME 3, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 3, NUMBER 4, WSRC<br>DATED MAY 11, 1992.       |                |            |
| 000828      | 05/01/92<br>12:00:00<br>AM | ENVIRONMENTAL<br>BULLETIN,<br>VOLUME 3, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 3, NUMBER 5, WSRC<br>DATED MAY, 1992.          |                |            |
| 000829      | 06/01/92<br>12:00:00<br>AM | ENVIRONMENTAL<br>BULLETIN,<br>VOLUME 3, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 3, NUMBER 6, WSRC<br>DATED JUNE 1, 1992.       |                |            |
| 000830      | 09/01/92<br>12:00:00<br>AM | ENVIRONMENTAL<br>BULLETIN,<br>VOLUME 3, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 3, NUMBER 7, WSRC<br>DATED SEPTEMBER 1, 1992.  |                |            |
| 000831      | 09/16/92<br>12:00:00<br>AM | ENVIRONMENTAL<br>BULLETIN,<br>VOLUME 3, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 3, NUMBER 8, WSRC<br>DATED SEPTEMBER 16, 1992. |                |            |
| 000832      | 09/30/92<br>12:00:00<br>AM | ENVIRONMENTAL<br>BULLETIN,<br>VOLUME 3, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 3, NUMBER 9, WSRC<br>DATED SEPTEMBER 30, 1992. |                |            |
| 000833      | 11/30/92<br>12:00:00<br>AM | ENVIRONMENTAL<br>BULLETIN,<br>VOLUME 3, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 3, NUMBER 10, DATED NOVEMBER 30, 1992.         | WSRC           |            |
| 000834      | 12/01/92<br>12:00:00<br>AM | ENVIRONMENTAL<br>BULLETIN,<br>VOLUME 3, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 3, NUMBER 11, DATED DECEMBER 1, 1992.          | WSRC           |            |
| 000835      | 12/23/92<br>12:00:00<br>AM | ENVIRONMENTAL<br>BULLETIN,<br>VOLUME 3, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 3, NUMBER 12, DATED DECEMBER 23, 1992.         | WSRC           |            |
| 000836      | 01/01/93<br>12:00:00<br>AM | ENVIRONMENTAL<br>BULLETIN,<br>VOLUME 4, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 4, NUMBER 1, WSRC<br>DATED 1/01/1993.          |                |            |
| 000837      | 03/05/93<br>12:00:00<br>AM | ENVIRONMENTAL<br>BULLETIN,<br>VOLUME 4, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 4, NUMBER 2, WSRC<br>DATED MARCH 5, 1993.      |                |            |
| 000838      | 03/16/93<br>01:00:00<br>AM | ENVIRONMENTAL<br>BULLETIN,<br>VOLUME 4, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 4, NUMBER 3, WSRC<br>DATED MARCH 16, 1993.     |                |            |
| 000841      | 03/10/93<br>12:00:00<br>AM | 000841                                  | 10693   | SITE EVALUATION PROGRAM                                                                                     | F. A. RAGAN    | J. W. COOK |
| 000844      | 03/02/93<br>12:00:00<br>AM | 000844                                  | 10693   | SITE EVALUATION PROGRAM                                                                                     | J. D. JOHNSTON | J. W. COOK |

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|-------------|----------------------------|------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------------------|
| 000861      | 08/05/92<br>12:00:00<br>AM | 000861                                         | 10693   | NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, REGION IV COMMENTS ON THE SRS ECOLOGICAL RISK ASSESSMENT PROGRAM PLAN (WSRC-RP-92-232, 4/6/92) | W. JOHNSON     | S. R. WRIGHT                    |
| 000862      | 08/12/92<br>12:00:00<br>AM | 000862                                         | 10693   | ESTABLISHMENT OF A NATURAL RESOURCE TRUSTEE COUNCIL (YOUR LETTER TO HEKMAN, JUNE 29, 1992)                                                      | T. F. HEENAN   | J. H. LEE                       |
| 000863      | 10/30/92<br>01:00:00<br>AM | 000863                                         | 10693   | MEETING OF SAVANNAH RIVER SITE (SRS) NATURAL RESOURCE CO-TRUSTEES                                                                               | S. R. WRIGHT   | NATURAL<br>RESOURCE<br>TRUSTEES |
| 000864      | 11/16/92<br>12:00:00<br>AM | 000864                                         | 10693   | MEETING OF SAVANNAH RIVER SITE (SRS) NATURAL RESOURCE CO-TRUSTEES                                                                               | S. R. WRIGHT   | THE DISTRICT<br>ENGINEER        |
| 000865      | 12/14/92<br>12:00:00<br>AM | 000865                                         | 10693   | MEETING OF SAVANNAH RIVER SITE (SRS) NATURAL RESOURCE CO-TRUSTEES                                                                               | S. R. WRIGHT   | NATURAL<br>RESOURCE<br>TRUSTEES |
| 000866      | 12/14/92<br>12:00:00<br>AM | 000866                                         | 10693   | MEETING OF SAVANNAH RIVER SITE (SRS) NATURAL RESOURCE CO-TRUSTEES                                                                               | S. R. WRIGHT   | J. D. TANNER                    |
| 000867      | 12/14/92<br>12:00:00<br>AM | 000867                                         | 10693   | MEETING OF SAVANNAH RIVER SITE (SRS) NATURAL RESOURCE CO-TRUSTEES                                                                               | S. R. WRIGHT   | B. RIGGS                        |
| 000868      | 06/29/92<br>12:00:00<br>AM | 000868                                         | 10693   | NATURAL RESOURCE TRUSTEES                                                                                                                       | J. H. LEE      | P. M. HEKMAN                    |
| 000873      | 04/02/93<br>01:00:00<br>AM | ENVIRONMENTAL<br>BULLETIN,<br>VOLUME 4,        | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 4, NUMBER 6, WSRC DATED APRIL 2, 1993.                                             |                |                                 |
| 000874      | 11/19/92<br>12:00:00<br>AM | ESH-ERG-920685                                 | 10693   | NOTIFICATION OF A HAZARDOUS SUBSTANCE RELEASE (U)                                                                                               | J. W. COOK     | J. D.<br>JOHNSTON/H.<br>W.      |
| 000879      | 02/20/92<br>12:00:00<br>AM | 000879                                         | 10693   | IDENTIFICATION AND DETERMINATION OF POTENTIAL ARAR RCRA 40 CFR PART 264 SUBPART AA - AIR EMISSION STANDARDS FOR PROCESS VENTS, M-AREA, SRS      | J. D. JOHNSTON | J. W. COOK                      |
| 000887      | 09/01/91<br>12:00:00<br>AM | EPA/540/G-91/013<br>(PUBLICATION<br>9345.0-01A | 10693   | GUIDANCE FOR PERFORMING PRELIMINARY ASSESSMENTS UNDER CERCLA                                                                                    | USEPA          |                                 |
| 000888      | 09/01/92<br>12:00:00<br>AM | EPA/540/R-92-021<br>(DIRECTIVE<br>9345.1-05)   | 10693   | GUIDANCE FOR PERFORMING SITE INSPECTIONS UNDER CERCLA                                                                                           | USEPA          |                                 |
| 000899      | 04/08/93<br>12:00:00<br>AM | ESH-ERG-930188                                 | 10693   | F-AREA SEPARATIONS ANALYTICAL RESULTS FROM WELL FCA-9DR (U)                                                                                     | J. W. COOK     | J. D.<br>JOHNSTON/H.<br>W.      |
| 000904      | 04/06/93<br>12:00:00<br>AM | 000904                                         | 10693   | SCDHEC APPROVAL OF THE REQUEST FOR THE INSTALLATION APPROVAL OF ELEVEN MONITORING WELLS                                                         | R. B. EDE      | J. W. COOK                      |

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| 000905      | 09/01/92<br>12:00:00<br>AM | WSRC-IM-91-53,<br>VOL. XI, BOOK 1<br>OF 1 | 10693   | 1992 RCRA PART B PERMIT RENEWAL APPLICATION (U) SAVANNAH RIVER SITE, VOLUME XI, BOOK 1 OF 1, M-AREA PROCESS WASTE INTERIM TREATMENT/STORAGE FACILITY (PWTSF) | WSRC                |                      |
| 000907      | 06/01/91<br>12:00:00<br>AM | SRO-NERP-21                               | 10693   | MAMMALS OF THE SAVANNAH RIVER SITE                                                                                                                           | COTHRAN,E. G.,ET AL |                      |
| 000908      | 03/01/89<br>12:00:00<br>AM | SRO-NERP-9                                | 10693   | MAJOR FOREST COMMUNITY TYPES OF THE SAVANNAH RIVER PLANT: A FIELD GUIDE                                                                                      | S. M. JONES,ET AL   |                      |
| 000910      | 10/01/92<br>12:00:00<br>AM | WSRC - 3Q5                                | 10693   | HYDROGEOLOGIC DATA COLLECTION (U)                                                                                                                            | WSRC                |                      |
| 000911      | 04/20/99                   | 000911                                    | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, FOURTH QUARTER 1989 (4Q89), WELLS 241H THROUGH JTM4                                              | WSRC                |                      |
| 000912      | 04/20/99                   | 000912                                    | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, FOURTH QUARTER 1989 (4Q89), WELLS KAB1 THROUGH ZW5                                               | WSRC                |                      |
| 000913      | 04/20/99                   | 000913                                    | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, THIRD QUARTER 1989 (3Q89), WELLS ABP THROUGH HTF34                                               | WSRC                |                      |
| 000914      | 04/20/99                   | 000914                                    | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, THIRD QUARTER 1989 (3Q89), WELLS JMB1D THROUGH ZW10                                              | WSRC                |                      |
| 000915      | 10/01/88<br>12:00:00<br>AM | DPST-88-835                               | 10693   | WATER RESOURCE MANAGEMENT PLANNING GUIDE FOR SAVANNAH RIVER PLANT                                                                                            | J. E. HUBBARD,ET AL |                      |
| 000916      | 05/22/90<br>12:00:00<br>AM | WSRC-RP-89-313                            | 10693   | A CLIMATOLOGICAL DESCRIPTION OF THE SAVANNAH RIVER SITE                                                                                                      | C. H. HUNTER        |                      |
| 000917      | 09/05/88<br>12:00:00<br>AM | DPST-88-829                               | 10693   | SOIL GAS AND SOIL PLUG SURVEY AT THE CENTRAL SHOPS DIESEL STORAGE FACILITY (8318)                                                                            | B. B. LOONEY,ET AL  |                      |
| 000926      | 09/12/89                   | 000926                                    | 10693   | GROUNDWATER MONITORING INFORMATION: FIELD LOGS, THIRD QUARTER 1989 (3Q89)                                                                                    | WSRC                |                      |
| 000927      | 12/31/89                   | 000927                                    | 10693   | GROUNDWATER MONITORING INFORMATION: FIELD LOGS, FOURTH QUARTER 1989 (4Q89)                                                                                   | WSRC                |                      |
| 000931      | 05/10/93<br>12:00:00<br>AM | ESH-ERG-930255                            | 10693   | SOIL SAMPLING TECHNIQUES (U)                                                                                                                                 | J. W. COOK          | J. D. JOHNSTON/H. W. |
| 000933      | 05/05/93<br>12:00:00<br>AM | 000933                                    | 10693   | SCDHEC APPROVAL ON THE REQUEST FOR THE INSTALLATION OF MONITORING WELL MSB-84A                                                                               | R. B. EDE           | J. W. COOK           |

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| 000935      | 05/05/93<br>12:00:00<br>AM | 000935     | 10693   | SCDHEC APPROVAL ON THE REQUEST TO INSTALL HYDROPUNCH BORINGS                                              | A. GORMAN | J. W. COOK    |
| 000936      | 01/12/93<br>12:00:00<br>AM | 000936     | 10693   | MINORITY PARTICIPATION AND ENVIRONMENTAL EQUITY, CITIZENS ADVISORY BOARD, V. L. WEEKS SAVANNAH RIVER SITE |           | B. PARTLOW    |
| 000937      | 01/12/93<br>12:00:00<br>AM | 000937     | 10693   | MINORITY PARTICIPATION AND ENVIRONMENTAL EQUITY, CITIZENS ADVISORY BOARD, V. L. WEEKS SAVANNAH RIVER SITE |           | A. K. HASAN   |
| 000938      | 01/12/93<br>12:00:00<br>AM | 000938     | 10693   | MINORITY PARTICIPATION AND ENVIRONMENTAL EQUITY, CITIZENS ADVISORY BOARD, V. L. WEEKS SAVANNAH RIVER SITE |           | F. HUMES      |
| 000939      | 01/12/93<br>12:00:00<br>AM | 000939     | 10693   | MINORITY PARTICIPATION AND ENVIRONMENTAL EQUITY, CITIZENS ADVISORY BOARD, V. L. WEEKS SAVANNAH RIVER SITE |           | D. MOSS       |
| 000940      | 01/12/93<br>12:00:00<br>AM | 000940     | 10693   | MINORITY PARTICIPATION AND ENVIRONMENTAL EQUITY, CITIZENS ADVISORY BOARD, V. L. WEEKS SAVANNAH RIVER SITE |           | W. A. PIRKLE  |
| 000941      | 01/12/93<br>12:00:00<br>AM | 000941     | 10693   | MINORITY PARTICIPATION AND ENVIRONMENTAL EQUITY, CITIZENS ADVISORY BOARD, V. L. WEEKS SAVANNAH RIVER SITE |           | W. L. POE     |
| 000942      | 01/12/93<br>12:00:00<br>AM | 000942     | 10693   | MINORITY PARTICIPATION AND ENVIRONMENTAL EQUITY, CITIZENS ADVISORY BOARD, V. L. WEEKS SAVANNAH RIVER SITE |           | K. SINGLETON  |
| 000943      | 01/12/93<br>12:00:00<br>AM | 000943     | 10693   | MINORITY PARTICIPATION AND ENVIRONMENTAL EQUITY, CITIZENS ADVISORY BOARD, V. L. WEEKS SAVANNAH RIVER SITE |           | J. D. SMITH   |
| 000944      | 01/12/93<br>12:00:00<br>AM | 000944     | 10693   | MINORITY PARTICIPATION AND ENVIRONMENTAL EQUITY, CITIZENS ADVISORY BOARD, V. L. WEEKS SAVANNAH RIVER SITE |           | M. TODD       |
| 000945      | 01/12/93<br>12:00:00<br>AM | 000945     | 10693   | MINORITY PARTICIPATION AND ENVIRONMENTAL EQUITY, CITIZENS ADVISORY BOARD, V. L. WEEKS SAVANNAH RIVER SITE |           | E. THOMPSON   |
| 000946      | 01/12/93<br>12:00:00<br>AM | 000946     | 10693   | MINORITY PARTICIPATION AND ENVIRONMENTAL EQUITY, CITIZENS ADVISORY BOARD, V. L. WEEKS SAVANNAH RIVER SITE |           | M. MCCLAIN    |
| 000947      | 01/12/93<br>12:00:00<br>AM | 000947     | 10693   | MINORITY PARTICIPATION AND ENVIRONMENTAL EQUITY, CITIZENS ADVISORY BOARD, V. L. WEEKS SAVANNAH RIVER SITE |           | E. MARKEE     |
| 000948      | 01/12/93<br>12:00:00<br>AM | 000948     | 10693   | MINORITY PARTICIPATION AND ENVIRONMENTAL EQUITY, CITIZENS ADVISORY BOARD, V. L. WEEKS SAVANNAH RIVER SITE |           | B. LAWLESS    |
| 000949      | 01/12/93<br>12:00:00<br>AM | 000949     | 10693   | MINORITY PARTICIPATION AND ENVIRONMENTAL EQUITY, CITIZENS ADVISORY BOARD, V. L. WEEKS SAVANNAH RIVER SITE |           | S. BLOOMFIELD |

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| 000950      | 01/12/93<br>12:00:00<br>AM | 000950              | 10693   | MINORITY PARTICIPATION AND ENVIRONMENTAL EQUITY, CITIZENS ADVISORY BOARD, SAVANNAH RIVER SITE                             | V. L. WEEKS                                      | S. BOOHER            |
| 000951      | 01/12/93<br>12:00:00<br>AM | 000951              | 10693   | MINORITY PARTICIPATION AND ENVIRONMENTAL EQUITY, CITIZENS ADVISORY BOARD, SAVANNAH RIVER SITE                             | V. L. WEEKS                                      | B. COSTNER           |
| 000960      | 04/15/93<br>12:00:00<br>AM | 000960              | 10693   | FISCAL YEARS 1993, 1994 AND 1995 MILESTONES, FEDERAL FACILITY AGREEMENT                                                   | V. L. WEEKS                                      | L. GOIDELL           |
| 000961      | 08/01/88<br>12:00:00<br>AM | DPST-88-627         | 10693   | SRP BASELINE HYDROGEOLOGIC INVESTIGATION - PHASE III                                                                      | H. W. BLEDSOE                                    |                      |
| 000963      | 01/01/87<br>12:00:00<br>AM | DPSTSA-200-10-6     | 10693   | SAFETY ANALYSIS - 200 AREA SAVANNAH RIVER PLANT SEEPAGE AND RETENTION BASINS                                              | WSRC                                             |                      |
| 000966      | 07/01/92<br>12:00:00<br>AM | NUS REPORT NO. 5234 | 10693   | SOCIOECONOMIC CHARACTERISTICS OF SELECTED COMMUNITIES ADJACENT TO THE SAVANNAH RIVER SITE, UPDATE OF CHAPTERS 1 THROUGH 4 | HALLIBURTON NUS FOR DOE-SR                       |                      |
| 000970      | 06/07/93<br>12:00:00<br>AM | ESH-ERG-930311      | 10693   | REVISED SITE EVALUATION PROGRAM FLOW CHART/DECISION TREE AND NARRATIVE (U)                                                | J. W. COOK                                       | J. D. JOHNSTON/H. W. |
| 000978      | 05/28/93<br>12:00:00<br>AM | 000978              | 10693   | EPA CONCURS WITH NO FURTHER ACTION ON THE ABANDONED DRUMS - CSX RAILROAD RIGHT OF WAY REMOVAL SITE EVALUATION REPORT      | V. L. WEEKS                                      | L. GOIDELL           |
| 000984      | 03/12/93<br>12:00:00<br>AM | ESH-FSS-930140      | 10693   | MODIFICATION TO CONSTRUCTION PERMIT #17424-IW; AUXILIARY PUMP PIT BYPASS (U)                                              | W. D. DUNAWAY                                    | M. F. SADLER         |
| 000985      | 04/30/93<br>12:00:00<br>AM | 000985              | 10693   | SCDHEC APPROVAL OF THE CONSTRUCTION PERMIT 17242-IW MODIFICATION (REFERENCE ESH-FSS-930140, CATALOG NUMBER 000984)        | L. E. ARRINGTON                                  | W. D. DUNAWAY        |
| 000988      | 09/01/92<br>12:00:00<br>AM | 000988              | 10693   | TOXICOLOGICAL PROFILE FOR ANTIMONY                                                                                        | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                      |
| 000989      | 09/01/92<br>12:00:00<br>AM | 000989              | 10693   | TOXICOLOGICAL PROFILE FOR 2,3-BENZOFURAN                                                                                  | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                      |
| 000990      | 09/01/92<br>12:00:00<br>AM | 000990              | 10693   | TOXICOLOGICAL PROFILE FOR BROMOMETHANE                                                                                    | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                      |
| 000991      | 09/01/92<br>12:00:00<br>AM | 000991              | 10693   | TOXICOLOGICAL PROFILE FOR CARBON DISULFIDE                                                                                | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                      |
| 000992      | 09/01/92<br>12:00:00<br>AM | 000992              | 10693   | TOXICOLOGICAL PROFILE FOR 1,2-DIBROMO-3-CHLOROPROPANE                                                                     | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                      |

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| 000993      | 09/01/92 12:00:00 AM | 000993                            | 10693   | TOXICOLOGICAL PROFILE FOR 1,3-DICHLOROPROPANE                                                      | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |              |
| 000994      | 09/01/92 12:00:00 AM | 000994                            | 10693   | TOXICOLOGICAL PROFILE FOR 2-HEXANONE                                                               | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |              |
| 000995      | 09/01/92 12:00:00 AM | 000995                            | 10693   | TOXICOLOGICAL PROFILE FOR METHYL MERCAPTAN                                                         | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |              |
| 000996      | 09/01/92 12:00:00 AM | 000996                            | 10693   | TOXICOLOGICAL PROFILE FOR METHYL PARATHION                                                         | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |              |
| 000997      | 09/01/92 12:00:00 AM | 000997                            | 10693   | TOXICOLOGICAL PROFILE FOR MUSTARD "GAS"                                                            | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |              |
| 000998      | 09/01/92 12:00:00 AM | 000998                            | 10693   | TOXICOLOGICAL PROFILE FOR PYRIDINE                                                                 | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |              |
| 000999      | 09/01/92 12:00:00 AM | 000999                            | 10693   | TOXICOLOGICAL PROFILE FOR STYRENE                                                                  | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |              |
| 001000      | 09/01/92 12:00:00 AM | 001000                            | 10693   | TOXICOLOGICAL PROFILE FOR TIN                                                                      | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |              |
| 001001      | 09/01/92 12:00:00 AM | 001001                            | 10693   | TOXICOLOGICAL PROFILE FOR 1,2,3-TRICHLOROPROPANE                                                   | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |              |
| 001010      | 01/01/85 12:00:00 AM | SRO-NERP-2                        | 10693   | REPTILES AND AMPHIBIANS OF THE SAVANNAH RIVER PLANT                                                | J. W. GIBBONS AND K. K. PATTERSON                |              |
| 001011      | 05/01/90 12:00:00 AM | EPA/540/2-90/005, OERR DIRECTIVE  | 10693   | SUPERFUND METHOD FOR THE DETERMINATION OF ASBESTOS IN AMBIENT AIR, PART 1: METHOD, INTERIM VERSION | USEPA                                            |              |
| 001012      | 06/01/93 12:00:00 AM | WSRC-TR-93-166, REV.0             | 10693   | ANNUAL RADIOACTIVE WASTE TANK INSPECTION PROGRAM - 1992                                            | WSRC                                             |              |
| 001022      | 05/11/93 12:00:00 AM | 001022                            | 10693   | MEETING OF THE SAVANNAH RIVER SITE NATURAL RESOURCE TRUSTEES                                       | S. R. WRIGHT                                     |              |
| 001023      | 05/27/93 12:00:00 AM | 001023                            | 10693   | NOTIFICATION OF DESIGNATED NATURAL RESOURCE TRUSTEE REPRESENTATIVE                                 | J. H. LEE                                        | S. R. WRIGHT |
| 001024      | 07/01/93 12:00:00 AM | ENVIRONMENTAL BULLETIN, VOLUME 4, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 4, NUMBER 8, DATED JULY 1, 1993.      | WSRC                                             |              |



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| 001025      | 06/16/93<br>12:00:00<br>AM | ENVIRONMENTAL BULLETIN, VOLUME 4, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 4, NUMBER 7, WSRC DATED JUNE 16, 1993.                                                                             |                  |                      |
| 001027      | 04/02/93<br>01:00:00<br>AM | ESH-ERG-930183                    | 10693   | SOIL SAMPLING PROGRAM METHODOLOGY FOR THE SRS SITE EVALUATION PROGRAM (U)                                                                                                       | J. W. COOK       | J. D. JOHNSTON/H. W. |
| 001029      | 01/05/93<br>12:00:00<br>AM | 001029                            | 10693   | SCDHEC APPROVAL OF THE PILOT SCALED FIELD PLOTS (REF: ESH-ERG-920370)                                                                                                           | F. A. RAGAN      | J. W. COOK           |
| 001031      | 11/19/91<br>12:00:00<br>AM | ESH-ERG-910871                    | 10693   | RESPONSE TO COMMENTS ON PROPOSAL TO REVISE GROUNDWATER SAMPLING PROTOCOL (U) (REF:ESH-ERG-910569, CAT. NO. 000213)                                                              | J. W. COOK       | K. COLLINSWORT       |
| 001032      | 01/16/92<br>12:00:00<br>AM | ESH-ERG-920013                    | 10693   | RESPONSE TO EPA COMMENTS REGARDING GROUNDWATER SAMPLING PROTOCOL AND PURGED WATER MANAGEMENT, SAVANNAH RIVER SITE (U) (REF:ESH-ERG-910569, CAT. NO. 000213 AND CAT. NO. 000344) | J. W. COOK       | K. COLLINSWORT       |
| 001042      | 04/05/93<br>12:00:00<br>AM | 001042                            | 10693   | SRS NATURAL RESOURCE TRUSTEE                                                                                                                                                    | L. R. BEDENBAUGH | S. R. WRIGHT         |
| 001045      | 12/08/92<br>12:00:00<br>AM | 001045                            | 10693   | DEVELOPMENT OF THE CITIZENS ADVISORY BOARD, MEETING OF DECEMBER 8, 1992                                                                                                         | WSRC             |                      |
| 001046      | 02/11/93<br>12:00:00<br>AM | 001046                            | 10693   | DEVELOPMENT OF THE CITIZENS ADVISORY BOARD, MEETING OF FEBRUARY 11, 1993                                                                                                        | WSRC             |                      |
| 001047      | 02/18/93<br>12:00:00<br>AM | 001047                            | 10693   | DEVELOPMENT OF THE CITIZENS ADVISORY BOARD, MEETING OF FEBRUARY 18, 1993                                                                                                        | WSRC             |                      |
| 001048      | 03/18/93<br>01:00:00<br>AM | 001048                            | 10693   | DEVELOPMENT OF THE CITIZENS ADVISORY BOARD, MEETING OF MARCH 18, 1993                                                                                                           | WSRC             |                      |
| 001049      | 04/23/93<br>12:00:00<br>AM | 001049                            | 10693   | DEVELOPMENT OF THE CITIZENS ADVISORY BOARD, MEETING OF APRIL 23, 1993                                                                                                           | WSRC             |                      |
| 001050      | 04/30/93<br>12:00:00<br>AM | 001050                            | 10693   | DEVELOPMENT OF THE CITIZENS ADVISORY BOARD, MEETING OF APRIL 30, 1993                                                                                                           | WSRC             |                      |
| 001051      | 05/24/93<br>12:00:00<br>AM | 001051                            | 10693   | DEVELOPMENT OF THE CITIZENS ADVISORY BOARD, MEETING OF MAY 24, 1993                                                                                                             | WSRC             |                      |
| 001070      | 03/11/93<br>12:00:00<br>AM | 001070                            | 10693   | SCDHEC CONCURRENCE WITH SCHEDULE FOR SUBMITTAL OF RFI/RI WORK PLANS                                                                                                             | F. A. RAGAN      | J. W. COOK           |
| 001072      | 07/06/93<br>12:00:00<br>AM | 001072                            | 10693   | SCHEDULE FOR THE FINAL REVISION OF THE TNX INTERIM ACTION PROPOSED PLAN (IAPP)                                                                                                  | A. B. GOULD      | J. R. FRANZMATHES    |

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| 001074      | 12/30/92<br>12:00:00<br>AM | ESH-ERG-920731 | 10693   | CONSOLIDATED INCINERATION FACILITY CONSTRUCTION EROSION CONTROL SEDIMENTATION BASIN (U) | J. W. COOK                                       | J. D. JOHNSTON/H. W. |
| 001077      | 05/01/93<br>12:00:00<br>AM | 001077         | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR STODDARD SOLVENT                                        | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                      |
| 001078      | 05/01/93<br>12:00:00<br>AM | 001078         | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR JET FUELS (JP-4 AND JP-7)                               | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                      |
| 001080      | 05/01/93<br>12:00:00<br>AM | 001080         | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR 1, 3-DINITROBENZENE AND 1, 3, 5-TRINITROBENZENE         | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                      |
| 001081      | 05/01/93<br>12:00:00<br>AM | 001081         | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR DIETHYL PHTHALATE                                       | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                      |
| 001082      | 05/01/93<br>12:00:00<br>AM | 001082         | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR AUTOMOTIVE GASOLINE                                     | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                      |
| 001083      | 05/01/93<br>12:00:00<br>AM | 001083         | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR 2, 4, 6-TRINITROTOLUENE                                 | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                      |
| 001084      | 05/01/93<br>12:00:00<br>AM | 001084         | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR FUEL OILS                                               | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                      |
| 001085      | 05/01/93<br>12:00:00<br>AM | 001085         | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR ETHYLENE GLYCOL/PROPYLENE GLYCOL                        | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                      |
| 001086      | 05/01/93<br>12:00:00<br>AM | 001086         | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR RDX                                                     | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                      |
| 001087      | 05/01/93<br>12:00:00<br>AM | 001087         | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR OTTO FUEL II AND ITS COMPONENTS                         | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                      |
| 001088      | 04/01/93<br>01:00:00<br>AM | 001088         | 10693   | TOXICOLOGICAL PROFILE FOR ALDRIN                                                        | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                      |
| 001089      | 04/01/93<br>01:00:00<br>AM | 001089         | 10693   | TOXICOLOGICAL PROFILE FOR ARSENIC                                                       | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                      |
| 001090      | 04/01/93<br>01:00:00<br>AM | 001090         | 10693   | TOXICOLOGICAL PROFILE FOR BENZENE                                                       | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                      |
| 001091      | 04/01/93<br>01:00:00<br>AM | 001091         | 10693   | TOXICOLOGICAL PROFILE FOR BERYLLIUM                                                     | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                      |

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| 001092      | 04/01/93 01:00:00 AM | 001092     | 10693   | TOXICOLOGICAL PROFILE FOR DI (2-ETHYLHEXYL) PHTHALATE                    | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |           |
| 001093      | 04/01/93 01:00:00 AM | 001093     | 10693   | TOXICOLOGICAL PROFILE FOR CADMIUM                                        | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |           |
| 001094      | 04/01/93 01:00:00 AM | 001094     | 10693   | TOXICOLOGICAL PROFILE FOR CHLOROFORM                                     | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |           |
| 001095      | 04/01/93 01:00:00 AM | 001095     | 10693   | TOXICOLOGICAL PROFILE FOR CHROMIUM                                       | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |           |
| 001096      | 04/01/93 01:00:00 AM | 001096     | 10693   | TOXICOLOGICAL PROFILE FOR CYANIDE                                        | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |           |
| 001097      | 04/01/93 01:00:00 AM | 001097     | 10693   | TOXICOLOGICAL PROFILE FOR 1,4-DICHLOROBENZENE                            | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |           |
| 001098      | 04/01/93 01:00:00 AM | 001098     | 10693   | TOXICOLOGICAL PROFILE FOR HEPTACHLOR/HEPTACHLOR EPOXIDE                  | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |           |
| 001099      | 04/01/93 01:00:00 AM | 001099     | 10693   | TOXICOLOGICAL PROFILE FOR LEAD                                           | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |           |
| 001100      | 04/01/93 01:00:00 AM | 001100     | 10693   | TOXICOLOGICAL PROFILE FOR METHYLENE CHLORIDE                             | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |           |
| 001101      | 04/01/93 01:00:00 AM | 001101     | 10693   | TOXICOLOGICAL PROFILE FOR NICKEL                                         | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |           |
| 001102      | 04/01/93 01:00:00 AM | 001102     | 10693   | TOXICOLOGICAL PROFILE FOR N-NITROSODIPHENYLAMINE                         | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |           |
| 001103      | 04/01/93 01:00:00 AM | 001103     | 10693   | TOXICOLOGICAL PROFILE FOR ENDOSULFAN                                     | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |           |
| 001104      | 04/01/93 01:00:00 AM | 001104     | 10693   | TOXICOLOGICAL PROFILE FOR FLUORIDES, HYDROGEN FLUORIDE, AND FLUORINE (F) | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |           |
| 001105      | 04/01/93 01:00:00 AM | 001105     | 10693   | TOXICOLOGICAL PROFILE FOR TETRACHLORETYLENE                              | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |           |
| 001106      | 04/01/93 01:00:00 AM | 001106     | 10693   | TOXICOLOGICAL PROFILE FOR TRICHLOROETHYLENE                              | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |           |

| Catalog Num | Date                 | Doc Number     | Track # | Title                                                                                                                          | Author                                           | Addressee        |
|-------------|----------------------|----------------|---------|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|------------------|
| 001107      | 04/01/93 01:00:00 AM | 001107         | 10693   | TOXICOLOGICAL PROFILE FOR VINYL CHLORIDE                                                                                       | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                  |
| 001108      | 04/01/93 01:00:00 AM | 001108         | 10693   | TOXICOLOGICAL PROFILE FOR VINYL SELECTED PCBS (AROCOR -1260, -1254, -1248, -1242, -1232, -1221, AND -1016)                     | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                  |
| 001109      | 01/01/93 12:00:00 AM | WSRC-TR-93-075 | 10693   | SAVANNAH RIVER SITE ENVIRONMENTAL REPORT FOR 1992                                                                              | WSRC                                             |                  |
| 001110      | 01/01/93 12:00:00 AM | WSRC-TR-93-077 | 10693   | SAVANNAH RIVER SITE ENVIRONMENTAL DATA FOR 1992                                                                                | WSRC                                             |                  |
| 001111      | 01/01/93 12:00:00 AM | WSRC-TR-93-076 | 10693   | SAVANNAH RIVER SITE ENVIRONMENTAL REPORT FOR 1992: SUMMARY PAMPHLET                                                            | WSRC                                             |                  |
| 001118      | 08/11/93 12:00:00 AM | 001118         | 10693   | REQUEST TO REVISE HYDROPUNCH LOCATIONS (9/10/93)                                                                               | G. K. TAYLOR                                     | J. W. COOK       |
| 001119      | 08/24/93 12:00:00 AM | 001119         | 10693   | COMPREHENSIVE GROUNDWATER MONITORING EVALUATION (ON-SITE INSPECTION PHASE), CONDUCTED MAY 12 THROUGH MAY 14, 1993              | A. GORMAN AND R. B. EDE                          | J. W. COOK       |
| 001122      | 09/23/93 12:00:00 AM | 001122         | 10693   | SCDHEC COMMENTS ON THE ABANDONED RAILROAD RIGHT-OF-WAY REMOVAL SITE EVALUATION REPORT (WSRC-RP-92-1352)                        | S. L. SIMONS                                     | J. W. COOK       |
| 001131      | 07/26/93 12:00:00 AM | 001131         | 10693   | FINAL REPORT OF THE WSRC SOURCE ASSESSMENT TASK TEAM: POTENTIAL SOURCES FOR OBSERVED CONTAMINATION IN WELL FCA 9DR (U), REV. 0 | V. L. WEEKS                                      | L. C. GOIDELL    |
| 001133      | 07/28/93 12:00:00 AM | 001133         | 10693   | SITE EVALUATION PROGRAM                                                                                                        | V. L. WEEKS                                      | L. C. GOIDELL    |
| 001134      | 07/28/93 12:00:00 AM | 001134         | 10693   | USEPA NOTIFICATION OF THE DESIGNATED PROJECT MANAGERS                                                                          | J. D. JOHNSTON                                   | L. SHAW/M. FIORI |
| 001135      | 07/30/93 12:00:00 AM | 001135         | 10693   | FISCAL YEAR 1993 THROUGH 2006 COMMITMENTS, FEDERAL FACILITY AGREEMENT                                                          | V. L. WEEKS                                      | L. C. GOIDELL    |
| 001136      | 08/16/93 12:00:00 AM | 001136         | 10693   | FISCAL YEAR 1993 THROUGH 2006 COMMITMENTS, FEDERAL FACILITY AGREEMENT AND RESPONSIVENESS SUMMARY                               | V. L. WEEKS                                      | L. C. GOIDELL    |
| 001140      | 10/26/93 12:00:00 AM | 001140         | 10693   | FINAL CHARTER OF THE CITIZENS ADVISORY BOARD                                                                                   | P. M. TOBIN                                      | M. P. FIORI      |
| 001142      | 12/04/93 12:00:00 AM | WSRC-RP-92-135 | 10693   | REMOVAL SITE EVALUATION REPORT FOR THE ABANDONED DRUMS - CSX RAILROAD                                                          | WSRC                                             |                  |

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|-------------|----------------------|-----------------------------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------------------|
| 001146      | 09/24/93 12:00:00 AM | 001146                            | 10693   | MEETING OF THE SAVANNAH RIVER SITE NATURAL RESOURCE TRUSTEES - ANNOUNCEMENT OF NOVEMBER 3, 1993 MEETING                                              | S. R. WRIGHT  | NATURAL RESOURCE TRUSTEES |
| 001147      | 06/25/93 12:00:00 AM | 001147                            | 10693   | MEETING OF THE SAVANNAH RIVER SITE NATURAL RESOURCE TRUSTEES - RECORD OF APRIL 26, 1993 MEETING                                                      | S. R. WRIGHT  | NATURAL RESOURCE TRUSTEES |
| 001149      | 08/03/93 12:00:00 AM | 001149                            | 10693   | SAVANNAH RIVER SITE NATURAL RESOURCE CO-TRUSTEE COUNCIL                                                                                              | W. JOHNSON    | S. R. WRIGHT              |
| 001154      | 10/01/93 12:00:00 AM | ESH-ERG-93-494                    | 10693   | SUBMITTAL OF A REQUEST FOR MODIFICATION OF THE SAVANNAH RIVER SITE HAZARDOUS WASTE PERMIT SCI 890 008 989 (U)                                        | J. W. COOK    | V. L. WEEKS               |
| 001156      | 08/13/92 12:00:00 AM | 001156                            | 10693   | FFA MEETING, 8/11/93, TIMETABLES AND LONG-TERM DEADLINES (LETTER WEEKS TO GOIDELL, SUBJECT: FISCAL YEAR 1993 THROUGH 2006 COMMITMENTS, FFA, 7/30/93) | L. C. GOIDELL | J. D. JOHNSTON/L. R.      |
| 001163      | 10/22/93 12:00:00 AM | 001163                            | 10693   | MEETING OF THE SAVANNAH RIVER SITE NATURAL RESOURCE TRUSTEES                                                                                         | S. R. WRIGHT  | NATURAL RESOURCE TRUSTEES |
| 001164      | 07/19/93 12:00:00 AM | 001164                            | 10693   | SRS PRESS RELEASE ON THE CITIZENS ADVISORY BOARD                                                                                                     | WSRC          |                           |
| 001165      | 03/03/93 12:00:00 AM | 001165                            | 10693   | DEVELOPMENT OF THE CITIZENS ADVISORY BOARD                                                                                                           | M. MUSOLF     |                           |
| 001166      | 07/15/93 12:00:00 AM | 001166                            | 10693   | CITIZENS ADVISORY BOARD CHARTER PUBLIC COMMENT PERIOD                                                                                                | L. MCNEILL    |                           |
| 001167      | 07/23/93 12:00:00 AM | 001167                            | 10693   | DEVELOPMENT OF THE CITIZENS ADVISORY BOARD                                                                                                           | M. P. FIORI   |                           |
| 001174      | 08/16/93 12:00:00 AM | ENVIRONMENTAL BULLETIN, VOLUME 4, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 4, NUMBER 11, DATED AUGUST 16, 1993.                                                    |               |                           |
| 001175      | 08/16/93 12:00:00 AM | ENVIRONMENTAL BULLETIN, VOLUME 4, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 4, NUMBER 12, DATED OCTOBER 4, 1993                                                     |               |                           |
| 001176      | 08/16/93 12:00:00 AM | ENVIRONMENTAL BULLETIN, VOLUME 4, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 4, NUMBER 13, DATED OCTOBER 6, 1993.                                                    |               |                           |
| 001177      | 08/16/93 12:00:00 AM | ENVIRONMENTAL BULLETIN, VOLUME 4, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 4, NUMBER 14, DATED NOVEMBER 4, 1993                                                    |               |                           |
| 001179      | 02/10/96             | 001179                            | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, FIRST QUARTER 1990 (1Q90), WELLS ABP 1A THROUGH HXB 3                                    |               |                           |

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|-------------|----------------------------|-------------------|---------|----------------------------------------------------------------------------------------------------------------------|--------|-----------|
| 001180      | 03/29/90                   | 001180            | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, FIRST QUARTER 1990 (1Q90), WELLS IDB 1A THROUGH Z 13     |        |           |
| 001181      | 05/19/90                   | 001181            | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, SECOND QUARTER 1990 (2Q90), WELLS ABP 1A THROUGH HTF 34  |        |           |
| 001182      | 06/12/90                   | 001182            | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, SECOND QUARTER 1990 (2Q90), WELLS IDB 1A THROUGH ZDT 1   |        |           |
| 001183      | 08/23/90                   | 001183            | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, THIRD QUARTER 1990 (3Q90), WELLS ABP 1A THROUGH ERA 390X |        |           |
| 001184      | 08/20/80                   | 001184            | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, THIRD QUARTER 1990 (3Q90), WELLS F 10 THROUGH LSB 4      |        |           |
| 001185      | 02/28/90                   | 001185            | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, THIRD QUARTER 1990 (3Q90), WELLS MCB 2 THROUGH ZDT 2     |        |           |
| 001186      | 10/22/90                   | 001186            | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, FOURTH QUARTER 1990 (4Q90), WELLS 241-H THROUGH FTF 27   |        |           |
| 001187      | 11/19/90                   | 001187            | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, FOURTH QUARTER 1990 (4Q90), WELLS H 10 THROUGH LSB 4     |        |           |
| 001188      | 10/25/90                   | 001188            | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, FOURTH QUARTER 1990 (4Q90), WELLS MAA 1A THROUGH ZBG2    |        |           |
| 001189      | 04/20/99                   | 001189            | 10693   | GROUNDWATER MONITORING INFORMATION: FIELD LOGS, FIRST QUARTER 1990 (1Q90)                                            |        |           |
| 001190      | 07/10/90                   | 001190            | 10693   | GROUNDWATER MONITORING INFORMATION: FIELD LOGS, SECOND QUARTER 1990 (2Q90)                                           |        |           |
| 001191      | 09/05/90                   | 001191            | 10693   | GROUNDWATER MONITORING INFORMATION: FIELD LOGS, THIRD QUARTER 1990 (3Q90)                                            |        |           |
| 001192      | 12/31/90                   | 001192            | 10693   | GROUNDWATER MONITORING INFORMATION: FIELD LOGS, FOURTH QUARTER 1990 (4Q90)                                           |        |           |
| 001228      | 02/01/89<br>12:00:00<br>AM | EPA/230/02-89-04: | 10693   | METHODS FOR EVALUATING THE ATTAINMENT OF CLEANUP STANDARDS, VOLUME 1: SOILS AND SOLID MEDIA                          | USEPA  |           |
| 001229      | 07/01/92<br>12:00:00<br>AM | EPA/230-R-92-014  | 10693   | METHODS FOR EVALUATING THE ATTAINMENT OF CLEANUP STANDARDS, VOLUME 1: GROUND WATER                                   | USEPA  |           |

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|-------------|----------------------------|------------------|---------|----------------------------------------------------------------------------------------|-------------|---------------|
| 001230      | 11/01/92<br>12:00:00<br>AM | EPA/530-R-93-001 | 10693   | RCRA GROUNDWATER MONITORING: DRAFT TECHNICAL GUIDANCE                                  | USEPA       |               |
| 001231      | 08/01/93<br>12:00:00<br>AM | ESH-EMS-930096   | 10693   | THE SAVANNAH RIVER SITE'S GROUNDWATER MONITORING PROGRAM, FIRST QUARTER 1993, VOLUME 1 | WSRC        |               |
| 001232      | 08/01/93<br>12:00:00<br>AM | ESH-EMS-930096   | 10693   | THE SAVANNAH RIVER SITE'S GROUNDWATER MONITORING PROGRAM, FIRST QUARTER 1993, VOLUME 2 | WSRC        |               |
| 001242      | 08/30/93<br>12:00:00<br>AM | 001242           | 10693   | GROUNDWATER SAMPLE SPLIT ANALYTICAL RESULTS (MONITORING WELLS MSB-70C AND MSB-82A)     | R. B. EDE   | J. W. COOK    |
| 001247      | 08/20/93<br>12:00:00<br>AM | 001247           | 10693   | LETTER TO WORKING GROUP MEMBERS FOR THE CITIZENS ADVISORY BOARD                        | P. M. TOBIN | S. BLOOMFIELD |
| 001248      | 08/20/93<br>12:00:00<br>AM | 001248           | 10693   | LETTER TO WORKING GROUP MEMBERS FOR THE CITIZENS ADVISORY BOARD                        | P. M. TOBIN | S. BOOHER     |
| 001249      | 08/20/93<br>12:00:00<br>AM | 001249           | 10693   | LETTER TO WORKING GROUP MEMBERS FOR THE CITIZENS ADVISORY BOARD                        | P. M. TOBIN | B. COSTNER    |
| 001250      | 08/20/93<br>12:00:00<br>AM | 001250           | 10693   | LETTER TO WORKING GROUP MEMBERS FOR THE CITIZENS ADVISORY BOARD                        | P. M. TOBIN | A. K. HASAN   |
| 001251      | 08/20/93<br>12:00:00<br>AM | 001251           | 10693   | LETTER TO WORKING GROUP MEMBERS FOR THE CITIZENS ADVISORY BOARD                        | P. M. TOBIN | F. HUMES      |
| 001252      | 08/20/93<br>12:00:00<br>AM | 001252           | 10693   | LETTER TO WORKING GROUP MEMBERS FOR THE CITIZENS ADVISORY BOARD                        | P. M. TOBIN | B. LAWLESS    |
| 001253      | 08/20/93<br>12:00:00<br>AM | 001253           | 10693   | LETTER TO WORKING GROUP MEMBERS FOR THE CITIZENS ADVISORY BOARD                        | P. M. TOBIN | E. MARKEE     |
| 001254      | 08/20/93<br>12:00:00<br>AM | 001254           | 10693   | LETTER TO WORKING GROUP MEMBERS FOR THE CITIZENS ADVISORY BOARD                        | P. M. TOBIN | M. MCCLAIN    |
| 001255      | 08/20/93<br>12:00:00<br>AM | 001255           | 10693   | LETTER TO WORKING GROUP MEMBERS FOR THE CITIZENS ADVISORY BOARD                        | P. M. TOBIN | D. MOSS       |
| 001256      | 08/20/93<br>12:00:00<br>AM | 001256           | 10693   | LETTER TO WORKING GROUP MEMBERS FOR THE CITIZENS ADVISORY BOARD                        | P. M. TOBIN | B. PARTLOW    |
| 001257      | 08/20/93<br>12:00:00<br>AM | 001257           | 10693   | LETTER TO WORKING GROUP MEMBERS FOR THE CITIZENS ADVISORY BOARD                        | P. M. TOBIN | W. A. PIRKLE  |

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|-------------|----------------------|----------------|---------|------------------------------------------------------------------------------------------------------|---------------|---------------------------------|
| 001258      | 08/20/93 12:00:00 AM | 001258         | 10693   | LETTER TO WORKING GROUP MEMBERS FOR THE CITIZENS ADVISORY BOARD                                      | P. M. TOBIN   | L. POE                          |
| 001259      | 08/20/93 12:00:00 AM | 001259         | 10693   | LETTER TO WORKING GROUP MEMBERS FOR THE CITIZENS ADVISORY BOARD                                      | P. M. TOBIN   | K. SINGLETON                    |
| 001260      | 08/20/93 12:00:00 AM | 001260         | 10693   | LETTER TO WORKING GROUP MEMBERS FOR THE CITIZENS ADVISORY BOARD                                      | P. M. TOBIN   | J. D. SMITH                     |
| 001261      | 08/20/93 12:00:00 AM | 001261         | 10693   | LETTER TO WORKING GROUP MEMBERS FOR THE CITIZENS ADVISORY BOARD                                      | P. M. TOBIN   | E. THOMPSON                     |
| 001262      | 08/20/93 12:00:00 AM | 001262         | 10693   | LETTER TO WORKING GROUP MEMBERS FOR THE CITIZENS ADVISORY BOARD                                      | P. M. TOBIN   | M. TODD                         |
| 001268      | 11/22/93 12:00:00 AM | 001268         | 10693   | APPENDIX E, LONG-TERM PROJECTIONS, FEDERAL FACILITY AGREEMENT                                        | V. L. WEEKS   | L. C. GOIDELL                   |
| 001269      | 11/10/93 12:00:00 AM | 001269         | 10693   | USEPA DESIGNATION PROJECT MANAGERS, FEDERAL FACILITY AGREEMENT                                       | C. B. WARREN  | L. R. BEDENBAUGH/<br>C. GOIDELL |
| 001270      | 11/05/93 01:00:00 AM | 001270         | 10693   | FEDERAL FACILITY AGREEMENT COMMITMENTS                                                               | L. C. GOIDELL | J. JOHNSTON/L.<br>R. BEDENBAUGH |
| 001271      | 11/24/93 12:00:00 AM | 001271         | 10693   | SUBMITTAL OF REVISION.0 APPENDIX E (LONG-TERM PROJECTIONS)                                           | L. C. GOIDELL | J. JOHNSTON/L.<br>R. BEDENBAUGH |
| 001274      | 10/01/93 12:00:00 AM | WSRC-RP-93-115 | 10693   | FEDERAL FACILITY AGREEMENT PROGRESS REPORT FOR FISCAL YEAR 1993(U)                                   | WSRC          |                                 |
| 001276      | 12/15/93 12:00:00 AM | 001276         | 10693   | RE: PILOT SITE EVALUATIONS                                                                           | S. L. SIMONS  | J. W. COOK                      |
| 001281      | 12/17/93 12:00:00 AM | 001281         | 10693   | USEPA COMMENTS ON THE REVISION.0 APPENDIX E, LONG-TERM PROJECTIONS OF THE FEDERAL FACILITY AGREEMENT | V. L. WEEKS   | L. C. GOIDELL                   |
| 001284      | 12/07/93 12:00:00 AM | ESH-ERG-930604 | 10693   | DOCUMENT REVIEW SCHEDULE FOR THE FEDERAL FACILITY AGREEMENT APPENDIX E (U)                           | J. W. COOK    | V. L. WEEKS/F.<br>A. RAGAN      |
| 001285      | 01/03/94 12:00:00 AM | ESH-ERG-930649 | 10693   | SUBMITTAL OF THE SAVANNAH RIVER SITE OPERABLE UNITS LIST (U)                                         | J. W. COOK    | V. L. WEEKS/L.<br>R. BEDENBAUGH |
| 001286      | 12/15/93 12:00:00 AM | ESH-ERG-930639 | 10693   | COMMENT RESOLUTION MEETING ON THE ECOLOGICAL RISK ASSESSORS' GUIDE, WSRC-RP-92-232 (U)               | J. W. COOK    | V. L. WEEKS/L.<br>R. BEDENBAUGH |



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| 001290      | 12/21/93 12:00:00 AM | 001290                            | 10693   | DESIGNATION OF PROJECT MANAGERS - FEDERAL FACILITY AGREEMENT (LETTER, WARREN TO GOIDELL & BEDENBAUGH, 11/10/93) | L. C. GOIDELL                  | J. D. JOHNSTON       |
| 001291      | 08/11/93 12:00:00 AM | 001291                            | 10693   | USEPA INTERPRETATION OF THE SRS FEDERAL FACILITY AGREEMENT RESOLUTION OF DISPUTES SECTION                       | L. C. GOIDELL                  | V. L. WEEKS          |
| 001292      | 11/15/93 12:00:00 AM | 001292                            | 10693   | DEPARTMENT OF ENERGY SAVANNAH RIVER OPERATIONS OFFICE (DOE-SR) FEDERAL FACILITY AGREEMENT COMMITMENTS           | L. C. GOIDELL                  | P. M. TOBIN          |
| 001293      | 11/15/93 12:00:00 AM | 001293                            | 10693   | DEPARTMENT OF ENERGY SAVANNAH RIVER OPERATIONS OFFICE (DOE-SR) FEDERAL FACILITY AGREEMENT COMMITMENTS           | L. C. GOIDELL                  | L. SHAW              |
| 001295      | 12/08/93 12:00:00 AM | WSRC-93-148-G1                    | 10693   | PRESS RELEASE ANNOUNCING: OVER 200 APPLY FOR SRS CITIZENS ADVISORY BOARD                                        | WSRC                           |                      |
| 001296      | 12/20/93 12:00:00 AM | ENVIRONMENTAL BULLETIN, VOLUME 4, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 4, NUMBER 17, DATED DECEMBER 20, 1993              | WSRC                           |                      |
| 001298      | 11/12/93 12:00:00 AM | 001298                            | 10693   | UNIVERSITY OF GEORGIA FOUNDATION CONFERENCE CENTER - NEWSPAPER ARTICLE                                          | L. C. GOIDELL                  | V. L. WEEKS          |
| 001299      | 11/18/93 12:00:00 AM | ENVIRONMENTAL BULLETIN, VOLUME 4, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 4, NUMBER 15, DATED NOVEMBER 18, 1993              | WSRC                           |                      |
| 001300      | 06/01/93 12:00:00 AM | ESH-ERG-930295                    | 10693   | SRS RESPONSE TO EPA/SCDHEC COMMENTS ON SEVERAL SITE EVALUATION REPORTS (U)                                      | J. W. COOK                     | J. D. JOHNSTON/H. W. |
| 001301      | 11/15/93 12:00:00 AM | 001301                            | 10693   | DOE-SR FEDERAL FACILITY AGREEMENT COMMITMENTS                                                                   | M. P. FIORI                    | P. M. TOBIN          |
| 001302      | 01/13/94 12:00:00 AM | 001302                            | 10693   | ROUTING OF GROUNDWATER/COMPLIANCE RELATED CORRESPONDENCE                                                        | H. MATHIS                      | J. W. COOK           |
| 001305      | 01/10/94 12:00:00 AM | 001305                            | 10693   | MEMBERSHIP SELECTION, CITIZENS ADVISORY BOARD, SAVANNAH RIVER SITE                                              | V. L. WEEKS                    | L. C. GOIDELL        |
| 001306      | 01/13/94 12:00:00 AM | 001306                            | 10693   | SCDHEC FLOWCHART GUIDANCES FOR DEVELOPMENT OF THE INVESTIGATIVE DERIVED WASTE MANAGEMENT PLAN                   | L. R. BEDENBAUGH               | J. W. COOK           |
| 001309      | 01/05/94 12:00:00 AM | 001309                            | 10693   | USEPA AND SCDHEC EXTENSION OF DUE DATE FOR THE ECOLOGICAL RISK ASSESSORS' GUIDE WSRC-RP-92-232                  | V. L. WEEKS & L. R. BEDENBAUGH | J. W. COOK           |
| 001310      | 01/06/94 12:00:00 AM | 001310                            | 10693   | USEPA COMMENTS ON THE REVISION.1 APPENDIX E , LONG-TERM PROJECTIONS                                             | V. L. WEEKS                    | L. C. GOIDELL        |

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| 001312      | 01/01/93<br>12:00:00<br>AM | DOE/S-00097P<br>VOL. 1 | 10693   | ENVIRONMENTAL RESTORATION AND WASTE MANAGEMENT FIVE-YEAR PLAN, FISCAL YEARS 1994 - 1998, VOLUME 1                                             | USDOE                         |               |
| 001313      | 01/01/93<br>12:00:00<br>AM | DOE/S-00097P<br>VOL. 2 | 10693   | ENVIRONMENTAL RESTORATION AND WASTE MANAGEMENT FIVE-YEAR PLAN, FISCAL YEARS 1994 - 1998, VOLUME 2: INSTALLATION SUMMARIES                     | USDOE                         |               |
| 001314      | 01/01/93<br>12:00:00<br>AM | DOE/S-00098P           | 10693   | ENVIRONMENTAL RESTORATION AND WASTE MANAGEMENT FIVE-YEAR PLAN, FISCAL YEARS 1994 - 1998, EXECUTIVE SUMMARY                                    | USDOE                         |               |
| 001315      | 06/01/92<br>12:00:00<br>AM | 9285.1-03              | 10693   | STANDARD OPERATING SAFETY GUIDES                                                                                                              | USEPA                         |               |
| 001319      | 08/01/92<br>12:00:00<br>AM | EPA/600/R-92/130       | 10693   | ALTERNATIVE TREATMENT TECHNOLOGY INFORMATION CENTER (ATTIC), USER'S MANUAL, VERSION 1.0                                                       | USEPA                         |               |
| 001331      | 11/01/93<br>01:00:00<br>AM | 001331                 | 10693   | SAVANNAH RIVER ENVIRONMENTAL RESTORATION PROGRAM FY 93 -FY99 BASELINE                                                                         | WSRC                          |               |
| 001335      | 01/01/87<br>12:00:00<br>AM | HPR-87-016             | 10693   | TIME VERSUS CONCENTRATION PLOTS OF SELECT PARAMETERS FROM THE WASTE-SITE GROUNDWATER MONITORING PROGRAM                                       | E. I. DUPONT DE NEMOURS       |               |
| 001336      | 10/01/93<br>12:00:00<br>AM | ESH-EMS-930097         | 10693   | SAVANNAH RIVER SITE'S GROUNDWATER MONITORING PROGRAM SECOND QUARTER 1993 (U)                                                                  | WSRC                          |               |
| 001337      | 05/17/93<br>12:00:00<br>AM | ESH-EMS-920038         | 10693   | SAVANNAH RIVER SITE'S GROUNDWATER MONITORING PROGRAM FOURTH QUARTER 1992 (U)                                                                  | WSRC                          |               |
| 001341      | 01/10/94<br>12:00:00<br>AM | 001341                 | 10693   | SCDHEC CONCURRENCE WITH THE SELECTIONS COMMITTEE'S RECOMMENDATION FOR MEMBERSHIP OF THE CITIZENS ADVISORY BOARD AT THE SAVANNAH RIVER SITE    | L. R. BEDENBAUGH              | M. E. MUSOLF  |
| 001347      | 02/03/94<br>12:00:00<br>AM | 001347                 | 10693   | SCDHEC COMMENTS ON COMPARISON OF COMPREHENSIVE MONITORING EVALUATION RESULTS FROM MSB-70C AND MSB-82A, DATED JANUARY 7, 1994 (COOK TO MATHIS) | R. B. EDE                     | J. W. COOK    |
| 001349      | 02/14/94<br>12:00:00<br>AM | 001349                 | 10693   | SCDHEC NOTIFICATION OF THE SRS PROJECT MANAGER                                                                                                | H. L. MATHIS                  | J. W. COOK    |
| 001351      | 02/28/94<br>12:00:00<br>AM | 001351                 | 10693   | REQUEST FOR WAIVER OF SAMPLING TWO MCB-SERIES GROUNDWATER MONITORING WELLS,DATED FEBRUARY 16, 1994 (COOK TO TAYLOR)                           | R. B. EDE                     | J. W. COOK    |
| 001353      | 01/10/94<br>12:00:00<br>AM | 001353                 | 10693   | EPA LETTER OF APPRECIATION FOR CITIZENS ADVISORY BOARD                                                                                        | V. L. WEEKS                   | L. C. GOIDELL |
| 001356      | 02/07/94<br>12:00:00<br>AM | 001356                 | 10693   | INFORMAL DISPUTE RESOLUTION, APPENDIX E SCHEDULES                                                                                             | J. D. JOHNSTON & H. L. MATHIS | L. C.GOIDELL  |

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|-------------|----------------------------|-----------------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------------|
| 001358      | 02/08/94<br>12:00:00<br>AM | 001358                | 10693   | USEPA DESIGNATION OF SRS PROJECT MANAGER                                                                                                           | C. B. WARREN                 | H. L. MATHIS/L.<br>C. GOIDELL      |
| 001359      | 02/11/94<br>12:00:00<br>AM | 001359                | 10693   | USEPA COMMENTS ON THE SRS SUBMITTAL OF THE FISCAL YEAR 1994 APPENDIX D COMMITMENTS                                                                 | J. L. CRANE                  | L. C. GOIDELL                      |
| 001365      | 12/30/93<br>12:00:00<br>AM | 001365                | 10693   | SUBMITTAL OF THE REVISION.1 APPENDIX E, LONG-TERM PROJECTIONS (SEE ALSO CATALOG NUMBER 001331)                                                     | L. C. GOIDELL                | V. L. WEEKS/L.<br>R.<br>BEDENBAUGH |
| 001366      | 02/07/94<br>12:00:00<br>AM | 001366                | 10693   | NOTIFICATION OF THE SRS FISCAL YEAR 1994 BUDGET ALLOTMENT                                                                                          | L. C. GOIDELL                | V. L. WEEKS/H.<br>L. MATHIS        |
| 001368      | 02/14/94<br>12:00:00<br>AM | 001368                | 10693   | SRS POSITION REGARDING THE FFA INFORMAL DISPUTE ON APPENDIX E, LONG-TERM PROJECTIONS (LETTER MATHIS AND JOHNSTON TO GOIDELL, 2/7/94)               | L. C. GOIDELL                | J. D.<br>JOHNSTON/H.<br>L. MATHIS  |
| 001369      | 02/18/94<br>12:00:00<br>AM | 001369                | 10693   | SUBMITTAL OF REVISION.0 APPENDIX D OF THE FEDERAL FACILITY AGREEMENT                                                                               | L. C. GOIDELL                | J. L. CRANE/H.<br>L. MATHIS        |
| 001370      | 03/01/94<br>12:00:00<br>AM | 001370                | 10693   | WORKSHOP FOR SAVANNAH RIVER SITE NATURAL RESOURCE CO-TRUSTEE COUNCIL                                                                               | S. R. WRIGHT                 | ADDRESSEE<br>LIST<br>ATTACHED      |
| 001375      | 03/09/94<br>12:00:00<br>AM | 001375                | 10693   | USEPA CONCURRENCE WITH APPENDIX D - CURRENT FY COMMITMENTS                                                                                         | J. L. CRANE                  | L. C. GOIDELL                      |
| 001376      | 03/01/90<br>12:00:00<br>AM | SRO-NERP-20           | 10693   | ENDANGERED, THREATENED, AND RARE VASCULAR FLORA OF THE SAVANNAH RIVER SITE                                                                         | J. N. KNOX & R.R.<br>SHARITZ |                                    |
| 001384      | 07/01/87<br>12:00:00<br>AM | HPR-87-286            | 10693   | SAVANNAH RIVER PLANT'S GROUNDWATER MONITORING PROGRAM SECOND QUARTER 1987                                                                          | E. I. DUPONT DE<br>NEMOURS   |                                    |
| 001385      | 01/01/93<br>12:00:00<br>AM | WSRC-TR-93-166, REV.0 | 10693   | ANNUAL RADIOACTIVE WASTE TANK INSPECTION PROGRAM - 1992 (U)                                                                                        | F. G. MCNATT                 |                                    |
| 001386      | 01/01/92<br>12:00:00<br>AM | WSRC-TR-92-166, REV.1 | 10693   | ANNUAL RADIOACTIVE WASTE TANK INSPECTION PROGRAM - 1991 (U)                                                                                        | F. G. MCNATT                 |                                    |
| 001390      | 02/07/94<br>12:00:00<br>AM | ESH-ERG-940041        | 10693   | FEDERAL FACILITY AGREEMENT PROPOSED PLANS STATUS UPDATE (U)                                                                                        | J. W. COOK                   | V. L. WEEKS/H.<br>L. MATHIS        |
| 001392      | 01/28/94<br>12:00:00<br>AM | ESH-ERG-940018        | 10693   | SUBMISSION OF EPA AND SCDHEC COMMENTS ON REVISION.0 WORK PLANS (U)                                                                                 | J. W. COOK                   | V. L. WEEKS/H.<br>L. MATHIS        |
| 001394      | 10/06/93<br>12:00:00<br>AM | ESH-ERG-930504        | 10693   | ECOLOGICAL RISK ASSESSOR'S GUIDE FOR EVALUATION OF WASTE UNITS ON THE SAVANNAH RIVER SITE (WSRC-RP-92-232) (U) RESPONSE TO EPA AND SCDHEC COMMENTS | J. W. COOK                   | V. L. WEEKS/F.<br>A. RAGAN         |

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| 001409      | 02/14/94<br>12:00:00<br>AM | ESH-ERG-940084               | 10693   | SITE EVALUATION UNIT EXCAVATION OF THE SANDBLAST AREA LISTED ON APPENDIX G SITE EVALUATION LIST OF THE FEDERAL FACILITY AGREEMENT                                                             | J. W. COOK   | J. L. CRANE/H. L. MATHIS |
| 001420      | 01/07/94<br>12:00:00<br>AM | ESH-ERG-940012               | 10693   | COMPARISON OF COMPREHENSIVE MONITORING EVALUATION RESULTS FROM MSV-70C AND MSB-82A                                                                                                            | J. W. COOK   | H. L. MATHIS             |
| 001422      | 03/09/94                   | 001422                       | 10693   | STREAMLINING SUPERFUND SOIL STUDIES: USING THE DATA QUALITY OBJECTIVES PROCESS FOR SCOPING                                                                                                    | D. NEPTUNE   |                          |
| 001423      | 07/01/93<br>12:00:00<br>AM | WSRC-RP-93-875, REV. 1       | 10693   | INTERIM INVESTIGATION DERIVED WASTE MANAGEMENT PLAN, REVISION 1                                                                                                                               | WSRC         |                          |
| 001427      | 03/01/89<br>12:00:00<br>AM | EPA/600/8-89/046             | 10693   | SOIL SAMPLING QUALITY ASSURANCE USER'S GUIDE                                                                                                                                                  | USEPA        |                          |
| 001428      | 07/01/90<br>12:00:00<br>AM | EPA/600/4-90/013             | 10693   | A RATIONALE FOR THE ASSESSMENT OF ERRORS IN THE SAMPLING OF SOILS                                                                                                                             | USEPA        |                          |
| 001429      | 06/01/83<br>12:00:00<br>AM | EPA/600/8-83-024             | 10693   | GUIDELINES AND SPECIFICATIONS FOR PREPARING QUALITY ASSURANCE PROGRAM PLANS QAMS-004/80                                                                                                       | USEPA        |                          |
| 001430      | 07/01/93<br>12:00:00<br>AM | EPA/542-B-93-005             | 10693   | REMEDIATION TECHNOLOGIES SCREENING MATRIX AND REFERENCE GUIDE                                                                                                                                 | USEPA        |                          |
| 001432      | 01/05/94<br>12:00:00<br>AM | WSRC-RP-93-158, REV.0        | 10693   | PROPOSED PLAN FOR HIGH LEVEL WASTE TREATMENT AT THE DEFENSE WASTE PROCESSING FACILITY (U)                                                                                                     | WSRC         |                          |
| 001433      | 09/01/93<br>12:00:00<br>AM | EPA/540-F-93-043 9355.9-01FS | 10693   | DATA QUALITY OBJECTIVES PROCESS FOR SUPERFUND FACT SHEET                                                                                                                                      | USEPA        |                          |
| 001434      | 03/15/94<br>01:00:00<br>AM | 001434                       | 10693   | SUBMITTAL LETTER FOR THE ANNUAL STATUS REPORT FOR THE SAVANNAH RIVER SITE HIGH LEVEL WASTE TANKS (SEE CATALOG 001436)                                                                         | A. B. GOULD  | H. L. MATHIS             |
| 001435      | 03/15/94<br>01:00:00<br>AM | 001435                       | 10693   | SUBMITTAL LETTER FOR THE ANNUAL STATUS REPORT FOR THE SAVANNAH RIVER SITE HIGH LEVEL WASTE TANKS (SEE CATALOG 001436)                                                                         | A. B. GOULD  | J. L. CRANE              |
| 001442      | 09/30/93<br>12:00:00<br>AM | ESH-ERG-93-051, REV.0        | 10693   | SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION.0 APPENDIX C (U)                                                                                                                         | J. W. COOK   | V. L. WEEKS/F. A. RAGAN  |
| 001444      | 03/16/94<br>01:00:00<br>AM | 001444                       | 10693   | SCDHEC CONCURRENCE WITH APPENDIX D - CURRENT FY COMMITMENTS                                                                                                                                   | H. L. MATHIS | L. C. GOIDELL            |
| 001445      | 03/08/94<br>12:00:00<br>AM | 001445                       | 10693   | SCDHEC COMMENTS ON THE SRS OPERABLE UNITS LIST (COOK TO WEEKS AND BEDENBAUGH, DATED 1/3/94) AND THE FEDERAL FACILITY AGREEMENT REVISION.0 APPENDIX C (COOK TO WEEKS AND RAGAN, DATED 9/30/93) | H. L. MATHIS | L. C. GOIDELL            |

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| 001446      | 03/11/94 12:00:00 AM | 001446          | 10693   | USEPA CONCURRENCE WITH THE ADMINISTRATIVE RECORD INDEX (FIRST QUARTER FY 1994)                                           | J. L. CRANE    | L. C. GOIDELL              |
| 001447      | 03/18/94 01:00:00 AM | 001447          | 10693   | APPENDIX D - CURRENT FY 94 COMMITMENTS                                                                                   | J. L. CRANE    | L. C. GOIDELL              |
| 001448      | 12/13/93 12:00:00 AM | ESH-ERG-93-0635 | 10693   | REMOVAL ACTION REPORT FOR FISCAL YEAR 1993                                                                               | J. W. COOK     | E. M. CARRERAS/L. R.       |
| 001460      | 04/15/93 12:00:00 AM | 001460          | 10693   | USEPA COMMENTS ON REVISION.1 RESPONSIVENESS SUMMARY FEDERAL FACILITY AGREEMENT, SAVANNAH RIVER SITE                      | V. L. WEEKS    | L. C. GOIDELL              |
| 001461      | 03/29/94 01:00:00 AM | 001461          | 10693   | USEPA COMMENTS ON THE APPENDIX C RCRA/CERCLA LIST AND FFA SECTION XIII OPERABLE UNITS LIST                               | J. L. CRANE    | L. C. GOIDELL              |
| 001462      | 03/30/94 01:00:00 AM | 001462          | 10693   | USEPA COMMENTS ON EXTENSION REQUESTS, SAVANNAH RIVER SITE                                                                | J. L. CRANE    | L. C. GOIDELL              |
| 001471      | 04/08/94 12:00:00 AM | 001471          | 10693   | USEPA COMMENTS ON SAVANNAH RIVER SITE CITIZENS ADVISORY BOARD USEPA RECOMMENDATIONS FOR COMMITTEES AND/OR FOCUSED ISSUES | J. L. CRANE    | P. K. SMITH                |
| 001472      | 04/11/94 12:00:00 AM | 001472          | 10693   | USEPA COMMENTS ON PUBLIC WORKSHOP FOR 1996 FISCAL YEAR BUDGET SAVANNAH RIVER SITE                                        | J. D. JOHNSTON | T. HEENAN                  |
| 001473      | 04/14/94 12:00:00 AM | 001473          | 10693   | USEPA COMMENTS ON SITE EVALUATION PROGRAM                                                                                | J. L. CRANE    | L. C. GOIDELL              |
| 001476      | 04/19/94 12:00:00 AM | 001476          | 10693   | USEPA INFORMATION ON A SITE MANAGEMENT PLAN                                                                              | J. L. CRANE    | L. C. GOIDELL/H. L. MATHIS |
| 001479      | 03/21/94 01:00:00 AM | 001479          | 10693   | SCDHEC COMMENTS ON FOLLOW UP TO MARCH 17, 1994 MEETING ON APPENDIX E OF THE FEDERAL FACILITY AGREEMENT                   | H. L. MATHIS   | T. HEENAN                  |
| 001491      | 03/28/94 01:00:00 AM | 001491          | 10693   | SCDHEC COMMENTS ON RE: YOUR LETTER OF JANUARY 28, 1994, ESH-ERG-94-0018 (COMMENTS ON REV 0 WORK PLANS)                   | H. L. MATHIS   | J. W. COOK                 |
| 001497      | 04/04/94 12:00:00 AM | 001497          | 10693   | DOE ENVIRONMENTAL RESTORATION COMMITMENTS FOR FISCAL YEARS 1995 - 1997                                                   | L. C. GOIDELL  | J. JOHNSTON/H. TRUESDALE   |
| 001498      | 04/05/94 12:00:00 AM | ESH-ERG-94-0191 | 10693   | FEDERAL FACILITY AGREEMENT PROPOSED PLANS UPDATE (U)                                                                     | J. W. COOK     | J. L. CRANE/H. L. MATHIS   |
| 001499      | 04/25/94 12:00:00 AM | 001499          | 10693   | SCDHEC NOTIFICATION OF THE FFA PROJECT MANAGER                                                                           | H. L. MATHIS   | J. L. CRANE/L. C. GOIDELL  |

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| 001501      | 05/19/93<br>12:00:00<br>AM | ESH-ERG-93-0283               | 10693   | SRS NOTIFICATION OF THE DISCOVERY OF ABANDONED DRUMS AND POSSIBLE DISTILLATION APPARATUS                                                                          | J. W. COOK         | J. D. JOHNSTON/H. W.     |
| 001503      | 04/22/94<br>12:00:00<br>AM | 001503                        | 10693   | SCDHEC CORRESPONDENCE REGARDING THE DRAFT INVESTIGATION DERIVED WASTE (IDW) MANAGEMENT PLAN TO BE SUBMITTED MAY 20, 1994                                          | K. A. COLLINSWORTH | T. M. TREGER             |
| 001507      | 02/20/92<br>12:00:00<br>AM | 001507                        | 10693   | USEPA COMMENTS ON IDENTIFICATION AND DETERMINATION OF POTENTIAL ARAR RCRA 20 CFR PART 264 SUBPART AA - AIR EMISSION STANDARDS FOR PROCESS VENTS M AREA            | J. D. JOHNSTON     | J. W. COOK               |
| 001510      | 05/13/94<br>12:00:00<br>AM | 001510                        | 10693   | USEPA COMMENTS ON EXTENSION REQUESTS FOR APPENDIX D COMMITMENTS 6, 7, 8, J. L. CRANE AND 17 AND REVISED APPENDIX D FOR FY 1994                                    |                    | T. M. TREGER             |
| 001518      | 05/04/94<br>12:00:00<br>AM | 001518                        | 10693   | DOE NOTIFICATION OF THE SRS FFA PROJECT MANAGER                                                                                                                   | T. F. HEENAN       | J. JOHNSTON/H. TRUESDALE |
| 001521      | 05/25/94<br>12:00:00<br>AM | 001521                        | 10693   | USEPA COMMENTS ON SITE EVALUATION PROGRAM                                                                                                                         | J. L. CRANE        | T. M. TREGER             |
| 001523      | 04/07/94<br>12:00:00<br>AM | ESH-ERG-94-0195               | 10693   | INITIATION OF AN ADDITIONAL STREAMLINED APPROACH FOR ENVIRONMENTAL RESTORATION (SAFER) PILOT SUBPROJECT AT THE SRS                                                | J. W. COOK         | J. L. CRANE/H. L. MAHTIS |
| 001525      | 11/01/90<br>01:00:00<br>AM | WSRC-RP-90-1011               | 10693   | SRS BASELINE HYDROGEOLOGIC INVESTIGATION - SUMMARY REPORT (WSRC-RP-90-1010) DATED NOVEMBER 1990                                                                   | H. W. BLEDSOE      | WSRC                     |
| 001526      | 03/01/89<br>12:00:00<br>AM | EPA/625/3-89/016              | 10693   | INTERIM PROCEDURES FOR ESTIMATING RISKS ASSOCIATED WITH EXPOSURES TO MIXTURES OF CHLORINATED DIBENZO-P-DIOXINS AND -DIBENZOFURANS (CDDS AND CDFS) AND 1989 UPDATE | USEPA              |                          |
| 001527      | 09/01/93<br>12:00:00<br>AM | EPA/540-R-93-071<br>9355.9-01 | 10693   | DATA QUALITY OBJECTIVES PROCESS FOR SUPERFUND, INTERIM FINAL GUIDANCE                                                                                             | USEPA              |                          |
| 001528      | 04/01/87<br>01:00:00<br>AM | DPST-85-862                   | 10693   | ENVIRONMENTAL INFORMATION DOCUMENT: NEW LOW-LEVEL RADIOACTIVE WASTE STORAGE/DISPOSAL FACILITIES AT THE SAVANNAH RIVER PLANT                                       | J. W. COOK         |                          |
| 001529      | 05/23/94<br>12:00:00<br>AM | ESH-ERG-94-0266               | 10693   | TRANSMITTAL OF SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT INVESTIGATION -DERIVED WASTE MANAGEMENT PLAN, REV. 0                                                | J. W. COOK         | J. L. CRANE/H. L. MATHIS |
| 001540      | 04/01/94<br>01:00:00<br>AM | WSRC-RP-94-1151               | 10693   | FEDERAL FACILITY AGREEMENT QUARTERLY PROGRESS REPORT FOR THE SECOND QUARTER FISCAL YEAR 1994 (U), (WSRC-RP-94-1155-2) DATED APRIL 1994                            | WSRC               |                          |
| 001542      | 05/11/94<br>12:00:00<br>AM | ESH-ERG-94-0144               | 10693   | RESPONSE TO COMMENTS ON THE ECOLOGICAL RISK ASSESSOR'S GUIDE FOR EVALUATION OF WASTE UNITS ON THE SAVANNAH RIVER SITE (WSRC-RP-92-232)                            | J. W. COOK         | J. L. CRANE/H. L. MATHIS |
| 001545      | 04/22/94<br>12:00:00<br>AM | ESH-ERG-94-0221               | 10693   | SUBMITTAL OF THE FFA QUARTERLY PROGRESS REPORT FOR THE SECOND QUARTER FISCAL YEAR 1994 AND UPDATE OF THE ADMINISTRATIVE RECORD FILES                              | J. W. COOK         | J. L. CRANE/H. L. MATHIS |

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| 001548      | 02/01/94<br>12:00:00<br>AM | ESH-EMS-930098         | 10693   | SAVANNAH RIVER SITE'S GROUNDWATER MONITORING PROGRAM THIRD QUARTER 1993 (U)                                                               | WSRC               |                                 |
| 001549      | 10/18/93<br>12:00:00<br>AM | WSRC-RP-92-232, REV. 1 | 10693   | ECOLOGICAL RISK ASSESSOR'S GUIDE FOR EVALUATION OF WASTE SITES ON THE SAVANNAH RIVER SITE (U), (WSRC-RP-92-232, REV.1) DATED OCTOBER 1993 | WSRC               |                                 |
| 001558      | 07/14/94<br>12:00:00<br>AM | 001558                 | 10693   | USEPA COMMENTS ON PROJECT MANAGER ASSIGNMENTS                                                                                             | J. L. CRANE        | T. M. TREGER/K. A. COLLINSWORTH |
| 001560      | 06/03/94<br>12:00:00<br>AM | 001560                 | 10693   | USEPA FORMAL DISPUTE, FEDERAL FACILITY AGREEMENT APPENDIX E                                                                               | J. R. FRANZMATHES  | F. R. MCCOY/H. W. TRUESDALE     |
| 001575      | 05/31/94<br>12:00:00<br>AM | 001575                 | 10693   | SCDHEC INVOKING FORMAL DISPUTE RESOLUTION ON APPENDIX E OF THE FEDERAL FACILITY AGREEMENT                                                 | K. A. COLLINSWORTH | T. M. TREGER                    |
| 001579      | 06/24/94<br>12:00:00<br>AM | 001579                 | 10693   | SCDHEC APPROVAL OF THE WORK PLAN, WELL REQUEST, AND IMPLEMENTATION SCHEDULE DATED 6/14/94                                                 | K. A. COLLINSWORTH | T. M. TREGER                    |
| 001589      | 06/28/94<br>12:00:00<br>AM | ESH-ERG-94-0283        | 10693   | SUBMITTAL OF REVISION.1 OPERABLE UNITS LIST AND REVISION.1 APPENDIX C AND SRS RESPONSE TO EPA AND SCDHEC COMMENTS                         | J. W. COOK         | J. L. CRANE/K. A. COLLINSWORTH  |
| 001590      | 06/28/94<br>12:00:00<br>AM | 001590                 | 10693   | REQUEST FOR EXTENSION FOR FINALIZING OF THE INVESTIGATION DERIVED WASTE MANAGEMENT PLAN                                                   | T. M. TREGER       | J. L. CRANE/K. A. COLLINSWORTH  |
| 001591      | 05/20/94<br>12:00:00<br>AM | ESH-ERG-94-0249        | 10693   | SUBMITTAL OF 11 RFI/RI IMPLEMENTATION SCHEDULES FOR WRITTEN APPROVAL                                                                      | J. W. COOK         | J. L. CRANE/K. A. COLLINSWORTH  |
| 001612      | 08/08/94<br>12:00:00<br>AM | 001612                 | 10693   | SCDHEC COMMENTS ON THE INVESTIGATION DERIVED WASTE MANAGEMENT PLAN (REV.0) DATED MAY 23, 1994                                             | K. A. COLLINSWORTH | T. M. TREGER                    |
| 001615      | 08/08/94<br>12:00:00<br>AM | 001615                 | 10693   | SCDHEC COMMENTS ON THE REVISION.1 APPENDIX C, RCRA/CERCLA UNIT AND REVISION.1 OPERABLE UNITS LIST DATED JUNE 28, 1994                     | K. A. COLLINSWORTH | T. M. TREGER                    |
| 001620      | 09/27/94<br>12:00:00<br>AM | 001620                 | 10693   | SCDHEC COMMENTS ON THE ECOLOGICAL RISK ASSESSORS GUIDE FOR EVALUATION OF WASTE UNITS ON THE SRS (WSRC-RP-92-232)                          | K. A. COLLINSWORTH | T. M. TREGER                    |
| 001636      | 08/01/94<br>12:00:00<br>AM | 001636                 | 10693   | USEPA COMMENTS ON THE REVISION.1 APPENDIX C AND OPERABLE UNITS LIST                                                                       | J. L. CRANE        | T. M. TREGER                    |
| 001638      | 08/17/94<br>12:00:00<br>AM | 001638                 | 10693   | USEPA COMMENTS ON PRINCIPLES OF AGREEMENT FOR PERFORMING FUTURE BASELINE RISK ASSESSMENTS FOR THE SAVANNAH RIVER SITE                     | J. L. CRANE        | T. M. TREGER                    |
| 001642      | 08/26/94<br>12:00:00<br>AM | 001642                 | 10693   | USEPA COMMENTS ON THE INVESTIGATION DERIVED WASTE MANAGEMENT PLAN, REV. 0                                                                 | J. L. CRANE        | T. M. TREGER                    |

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| 001648      | 09/16/94<br>12:00:00<br>AM | 001648          | 10693   | DOE EXTENSION REQUEST FOR FINALIZATION OF THE INVESTIGATION DERIVED WASTE (IDW) MANAGEMENT PLAN                             | T. M. TREGER | J. L. CRANE/K. A. COLLINSWORT  |
| 001649      | 09/16/94<br>12:00:00<br>AM | 001649          | 10693   | DOE EXTENSION REQUEST FOR FINALIZATION OF THE DATA MANAGEMENT PLAN                                                          | T. M. TREGER | J. L. CRANE/K. A. COLLINSWORT  |
| 001652      | 09/16/94<br>12:00:00<br>AM | 001652          | 10693   | DOE EXTENSION REQUEST FOR FINALIZATION OF THE SRS ECOLOGICAL RISK ASSESSORS GUIDE (ERAG)                                    | T. M. TREGER | J. L. CRANE/K. A. COLLINSWORT  |
| 001658      | 09/21/94<br>12:00:00<br>AM | 001658          | 10693   | DOE INVESTIGATION DERIVED WASTE (IDW) MANAGEMENT                                                                            | T. M. TREGER | J. L. CRANE/K. A. COLLINSWORT  |
| 001679      | 08/30/94<br>12:00:00<br>AM | ESH-ERG-94-0409 | 10693   | SUBMITTAL LETTER FOR OFF-SITE RESPONSE ACTION 40 CFR 300 (U)                                                                | J. W. COOK   | J. L. CRANE                    |
| 001680      | 08/24/94<br>12:00:00<br>AM | ESH-ERG-94-0377 | 10693   | F-AREA EXTRACTION TEST MODIFICATION AND FIELD TEST OF REVERSE OSMOSIS IN CONJUNCTION WITH THE EXTRACTION TEST (U)           | J. W. COOK   | R. J. DEVLIN                   |
| 001690      | 09/19/94<br>12:00:00<br>AM | ESH-ERG-94-0448 | 10693   | SUBMITTAL OF THE REVISED REVISION.1 APPENDIX C AND OPERABLE UNITS LIST FOR FY 1994 AND RESPONSES TO EPA AND SCDHEC COMMENTS | J. W. COOK   | J. L. CRANE/K. A. COLLINSWORT  |
| 001691      | 09/29/94<br>12:00:00<br>AM | ESH-ERG-94-0512 | 10693   | SUBMITTAL OF THE REVISION.0 APPENDIX C AND REVISION.0 APPENDIX G FOR FY 1995 (U)                                            | J. W. COOK   | J. L. CRANE/K. A. COLLINSWORT  |
| 001693      | 08/02/94<br>12:00:00<br>AM | ESH-ERG-94-0388 | 10693   | SUBMITTAL LETTER ON DISCLAIMER ON RFI/RI WORK PLAN IMPLEMENTATION SCHEDULES (U)                                             | J. W. COOK   | J. L. CRANE/K. A. COLLINSWORT  |
| 001694      | 08/11/94<br>12:00:00<br>AM | ESH-ERG-94-0418 | 10693   | SUBMITTAL LETTER ON DELAY IN SAMPLING WELL CLUSTER HAA 5 (U)                                                                | J. W. COOK   | C. R. FOREDE/K. A. COLLINSWORT |
| 001695      | 05/03/94<br>12:00:00<br>AM | 001695          | 10693   | USEPA COMMENTS ON THE REVISION.0 DATA MANAGEMENT PLAN                                                                       | J. L. CRANE  | L. C. GOIDELL                  |
| 001701      | 01/20/94<br>12:00:00<br>AM | 001701          | 10693   | DOE MEETING RECORD OF THE 11/9/93 MEETING OF THE SRS NATURAL RESOURCE CO-TRUSTEE COUNCIL                                    | S. R. WRIGHT |                                |
| 001702      | 07/29/94<br>12:00:00<br>AM | 001702          | 10693   | DOE NATURAL RESOURCE TRUSTEE MEMORANDUM OF UNDERSTANDING (MOU) WORKING GROUP                                                | S. R. WRIGHT |                                |
| 001704      | 04/06/94<br>12:00:00<br>AM | 001704          | 10693   | MEETING RECORD FOR THE FEDERAL FACILITY AGREEMENT PROJECT MANAGERS MEETING APRIL 6, 1994                                    | WSRC         |                                |
| 001705      | 04/20/94<br>12:00:00<br>AM | 001705          | 10693   | MEETING RECORD FOR THE FEDERAL FACILITY AGREEMENT PROJECT MANAGERS MEETING OF APRIL 20, 1994                                | WSRC         |                                |



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| 001706      | 05/19/94<br>12:00:00<br>AM | 001706         | 10693   | MEETING RECORD FOR THE FEDERAL FACILITY AGREEMENT PROJECT MANAGERS MEETING OF MAY 18 & 19, 1994 | WSRC   |                                                  |
| 001707      | 06/01/94<br>12:00:00<br>AM | ESH-EMS-930099 | 10693   | THE SAVANNAH RIVER SITE'S GROUNDWATER MONITORING PROGRAM, FOURTH QUARTER 1993 (U)               | WSRC   |                                                  |
| 001708      | 07/01/94<br>12:00:00<br>AM | ESH-EMS-940514 | 10693   | THE SAVANNAH RIVER SITE'S GROUNDWATER MONITORING PROGRAM, FIRST QUARTER 1994 (U)                | WSRC   |                                                  |
| 001709      | 01/01/94<br>12:00:00<br>AM | WSRC-TR-94-075 | 10693   | SAVANNAH RIVER SITE ENVIRONMENTAL REPORT FOR 1993, (WSRC-TR-94-075) DATED JANUARY 1994          | WSRC   |                                                  |
| 001710      | 05/01/94<br>12:00:00<br>AM | 001710         | 10693   | TOXICOLOGICAL PROFILE FOR ACETONE                                                               |        | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |
| 001711      | 05/01/94<br>12:00:00<br>AM | 001711         | 10693   | TOXICOLOGICAL PROFILE FOR CARBON TETRACHLORIDE (UPDATE)                                         |        | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |
| 001712      | 05/01/94<br>12:00:00<br>AM | 001712         | 10693   | TOXICOLOGICAL PROFILE FOR CHLORDANE (UPDATE)                                                    |        | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |
| 001713      | 05/01/94<br>12:00:00<br>AM | 001713         | 10693   | TOXICOLOGICAL PROFILE FOR CHLORODIBENZOFURANS                                                   |        | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |
| 001714      | 05/01/94<br>12:00:00<br>AM | 001714         | 10693   | TOXICOLOGICAL PROFILE FOR 4,4'-DDT, 4,4'-DDE, 4,4'-DDD (UPDATE)                                 |        | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |
| 001715      | 05/01/94<br>12:00:00<br>AM | 001715         | 10693   | TOXICOLOGICAL PROFILE FOR 1,2-DICHLOROETHANE (UPDATE)                                           |        | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |
| 001716      | 05/01/94<br>12:00:00<br>AM | 001716         | 10693   | TOXICOLOGICAL PROFILE FOR 1,1-DICHLOROETHENE (UPDATE)                                           |        | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |
| 001717      | 05/01/94<br>12:00:00<br>AM | 001717         | 10693   | TOXICOLOGICAL PROFILE FOR HEXACHLOROBUTADIENE                                                   |        | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |
| 001718      | 05/01/94<br>12:00:00<br>AM | 001718         | 10693   | TOXICOLOGICAL PROFILE FOR ALPHA-, BETA-, GAMMA-, AND DELTA HEXACHLOROCYCLOHEXANE (UPDATE)       |        | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |
| 001719      | 05/01/94<br>12:00:00<br>AM | 001719         | 10693   | TOXICOLOGICAL PROFILE FOR MERCURY (UPDATE)                                                      |        | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |
| 001720      | 05/01/94<br>12:00:00<br>AM | 001720         | 10693   | TOXICOLOGICAL PROFILE FOR METHOXYCHLOR                                                          |        | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |

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| 001721      | 05/01/94<br>12:00:00<br>AM | 001721     | 10693   | TOXICOLOGICAL PROFILE FOR 4,4'-METHYLENEBIS-(2-CHLORANALINE) (MBOCA)                                                                                     | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |              |
| 001722      | 05/01/94<br>12:00:00<br>AM | 001722     | 10693   | TOXICOLOGICAL PROFILE FOR PENTACHLOROPHENOL (UPDATE)                                                                                                     | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |              |
| 001723      | 05/01/94<br>12:00:00<br>AM | 001723     | 10693   | TOXICOLOGICAL PROFILE FOR TOLUENE (UPDATE)                                                                                                               | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |              |
| 001724      | 05/01/94<br>12:00:00<br>AM | 001724     | 10693   | TOXICOLOGICAL PROFILE FOR ZINC (UPDATE)                                                                                                                  | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |              |
| 001730      | 09/29/94<br>12:00:00<br>AM | 001730     | 10693   | USEPA APPROVAL OF REVISION.1 APPENDIX C AND OPERABLE UNITS LIST FOR FISCAL YEAR 1994                                                                     | J. L. CRANE                                            | T. M. TREGER |
| 001731      | 10/06/94<br>12:00:00<br>AM | 001731     | 10693   | USEPA AND SCDHEC COMMENTS ON THE DRAFT GENERIC RI/FS THROUGH REMEDY SELECTION SCHEDULE                                                                   | J. L. CRANE & K. A.<br>COLLINSWORTH                    | T. M. TREGER |
| 001732      | 10/07/94<br>12:00:00<br>AM | 001732     | 10693   | USEPA RESPONSE TO THE SRS EXTENSION REQUESTS (TREGER TO COLLINSWORTH AND CRANE, DATED 9/16/94)                                                           | J. L. CRANE                                            | T. M. TREGER |
| 001733      | 10/27/94<br>12:00:00<br>AM | 001733     | 10693   | USEPA RESPONSE TO THE SRS BIOREMEDIATION OPTIMIZATION TEST PLAN FOR THE SANITARY LANDFILL SITE                                                           | C. R. FROEDE                                           | T. M. TREGER |
| 001742      | 11/28/94<br>12:00:00<br>AM | 001742     | 10693   | USEPA RESPONSE TO THE SRS LETTER (COOK TO CRANE, 8/30/94) ON THE CERCLA OFF-SITE RULE                                                                    | J. L. CRANE                                            | T. M. TREGER |
| 001743      | 09/08/94<br>12:00:00<br>AM | 001743     | 10693   | SCDHEC APPROVAL OF SANITARY LANDFILL GROUNDWATER MONITORING WELL EXTENSIONS (COOK TO EDE, 9/1/94)                                                        | R. B. EDE                                              | J. W. COOK   |
| 001745      | 09/28/94<br>12:00:00<br>AM | 001745     | 10693   | SCDHEC CONTACTS WHEN THE FFA PROJECT MANAGER IS OUT OF THE OFFICE                                                                                        | K. A. COLLINSWORTH                                     | T. M. TREGER |
| 001749      | 10/06/94<br>12:00:00<br>AM | 001749     | 10693   | SCDHEC APPROVAL OF REVISION.1 APPENDIX C AND OPERABLE UNITS LIST FOR FISCAL YEAR 1994 FEDERAL FACILITY AGREEMENT ( FFA )                                 | K. A. COLLINSWORTH                                     | T. M. TREGER |
| 001750      | 10/06/94<br>12:00:00<br>AM | 001750     | 10693   | SCDHEC APPROVAL OF EXTENSION REQUEST FOR THE FINALIZATION OF THE DATA MANAGEMENT PLAN (TREGER TO CRANE AND COLLINSWORTH, 9/16/94)                        | K. A. COLLINSWORTH                                     | T. M. TREGER |
| 001751      | 10/06/94<br>12:00:00<br>AM | 001751     | 10693   | SCDHEC APPROVAL OF EXTENSION REQUEST FOR THE FINALIZATION OF THE ECOLOGICAL RISK ASSESSORS GUIDE (TREGER TO CRANE AND COLLINSWORTH, 9/16.94)             | K. A. COLLINSWORTH                                     | T. M. TREGER |
| 001752      | 10/06/94<br>12:00:00<br>AM | 001752     | 10693   | SCDHEC APPROVAL OF EXTENSION REQUEST FOR THE FINALIZATION OF THE INVESTIGATION DERIVED WASTE MANAGEMENT PLAN (TREGER TO CRANE AND COLLINSWORTH, 9/16/94) | K. A. COLLINSWORTH                                     | T. M. TREGER |

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| 001761      | 10/10/94<br>12:00:00<br>AM | 001761          | 10693   | SCDHEC APPROVAL OF THE REQUEST FOR THE INSTALLATION OF A TEST RECOVERY WELL AT TNX AS PART OF THE INTERIM ACTION PROPOSED PLAN DATED SEPTEMBER 14, 1994 | H. H. GILKERSON    | J. W. COOK                           |
| 001775      | 06/03/94<br>12:00:00<br>AM | 001775          | 10693   | NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION COMMENTS ON SRS ECOLOGICAL RISK ASSESSMENT PROGRAM PLAN                                                 | S. R. WRIGHT       | W. JOHNSON                           |
| 001777      | 09/08/94<br>12:00:00<br>AM | 001777          | 10693   | NATURAL RESOURCE DAMAGE ASSESSMENTS WORKSHOP AT THE ENVIRONMENTAL REMEDIATION 1993 CONFERENCE                                                           | S. R. WRIGHT       | NATURAL<br>RESOURCE<br>TRUSTEES      |
| 001778      | 11/15/94<br>12:00:00<br>AM | 001778          | 10693   | APPRECIATION FOR USEPA PARTICIPATION ON BASELINE RISK ASSESSMENT PANEL                                                                                  | T. F. HEENAN       | E. P. LAWS                           |
| 001779      | 11/15/94<br>12:00:00<br>AM | 001779          | 10693   | SUBMITTAL OF THE DRAFT INVESTIGATION DERIVED WASTE MANAGEMENT PLAN (WSRC-RP-94-1227, REV. 1)                                                            | T. M. TREGER       | J. L. CRANE/K.<br>A.                 |
| 001780      | 11/15/94<br>12:00:00<br>AM | 001780          | 10693   | TRANSMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION.0 APPENDIX E FOR FISCAL YEAR 1995 LONG-TERM PROJECTIONS                                          | T. M. TREGER       | COLLINSWORTH<br>J. L. CRANE/K.<br>A. |
| 001782      | 07/14/94<br>12:00:00<br>AM | 001782          | 10693   | MODIFICATION TO THE FEDERAL FACILITY AGREEMENT FFA, SECTIONS XXV. AND XXXIV.                                                                            | WSRC               | COLLINSWORTH                         |
| 001783      | 08/18/94<br>12:00:00<br>AM | 001783          | 10693   | MODIFICATION TO THE FEDERAL FACILITY AGREEMENT FFA, SECTION IX.                                                                                         | WSRC               |                                      |
| 001793      | 12/16/94<br>12:00:00<br>AM | 001793          | 10693   | SCDHEC COMMENTS ON THE FEDERAL FACILITY AGREEMENT REVISION.0 APPENDIX E FOR FISCAL YEAR 1995 LONG-TERM PROJECTIONS, DATED 11/15/4                       | K. A. COLLINSWORTH | T. M. TREGER                         |
| 001804      | 12/19/94<br>12:00:00<br>AM | 001804          | 10693   | USEPA COMMENTS ON THE FFA REVISION.0 APPENDIX E FOR FISCAL YEAR 1995                                                                                    | J. L. CRANE        | T. M. TREGER                         |
| 001807      | 06/27/94<br>12:00:00<br>AM | 001807          | 10693   | APPENDIX E FOR FISCAL YEAR 1994                                                                                                                         | WSRC               |                                      |
| 001808      | 12/08/94<br>12:00:00<br>AM | DD-94-0032      | 10693   | DOE INVESTIGATION DERIVED WASTE (IDW) CONTAINED-IN PETITIONS FORMAT AND METHODOLOGY                                                                     | T. M. TREGER       | J. L. CRANE/K.<br>A.                 |
| 001844      | 12/29/94<br>12:00:00<br>AM | 001844          | 10693   | DELIVERY OF THE SAVANNAH RIVER SITE TEST DATA IN THE INTERCHANGE FILE FORMAT                                                                            | T. M. TREGER       | COLLINSWORTH<br>R. W.<br>HAMMOND     |
| 001845      | 08/02/94<br>12:00:00<br>AM | ESH-ERG-94-0388 | 10693   | DISCLAIMER ON RFI/RI IMPLEMENTATION SCHEDULES (U)                                                                                                       | J. W. COOK         | J. L. CRANE/K.<br>A.                 |
| 001858      | 08/18/94<br>12:00:00<br>AM | 001858          | 10693   | MODIFICATION TO THE FEDERAL FACILITY AGREEMENT FFA: SECTION XXVI. NOTIFICATION                                                                          | WSRC               | COLLINSWORTH                         |

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| 001859      | 08/18/94 12:00:00 AM | 001859                                 | 10693   | MODIFICATIONS TO THE FFA: TABLE OF CONTENTS, SECTION I. JURISDICTION, AND SECTION XXII. REVIEW/COMMENT ON DOCUMENTS                                        | WSRC               |              |
| 001860      | 08/18/94 12:00:00 AM | 001860                                 | 10693   | MODIFICATIONS TO THE FEDERAL FACILITY AGREEMENT FFA: APPENDIX A                                                                                            | WSRC               |              |
| 001862      | 01/03/94 12:00:00 AM | 001862                                 | 10693   | SCDHEC COMMENTS ON THE INVESTIGATION DERIVED WASTE MANAGEMENT PLAN (WSRC-RP-94-1227, REV. 1) DATED 11/15/994                                               | K. A. COLLINSWORTH | T. M. TREGER |
| 001863      | 01/03/94 12:00:00 AM | 001863                                 | 10693   | USEPA COMMENTS ON THE INVESTIGATION DERIVED WASTE MANAGEMENT PLAN (REV. 1) DATED 11/15/994                                                                 | J. L. CRANE        | T. M. TREGER |
| 001865      | 04/01/94 01:00:00 AM | WSRC-TR-93-496                         | 10693   | SRS ECOLOGY, ENVIRONMENTAL INFORMATION DOCUMENT (WSRC-TR-93-496) DATED APRIL 1994                                                                          | L. D. WILKE,ET AL  |              |
| 001875      | 01/01/94 12:00:00 AM | WSRC-RP-94-115                         | 10693   | FEDERAL FACILITY AGREEMENT QUARTERLY PROGRESS REPORT FOR THE FIRST QUARTER FISCAL YEAR 1994 (U), (WSRC-RP-94-1155-1) DATED JANUARY 1994                    | WSRC               |              |
| 001877      | 07/01/89 12:00:00 AM | EPA/600/8-89/043                       | 10693   | EXPOSURE FACTORS HANDBOOK                                                                                                                                  | USEPA              |              |
| 001878      | 03/01/90 12:00:00 AM | EPA/600/8-90/003                       | 10693   | BASICS OF PUMP-AND-TREAT GROUNDWATER REMEDIATION TECHNOLOGY                                                                                                | USEPA              |              |
| 001879      | 01/01/86 12:00:00 AM | SREL-21                                | 10693   | BALD AND GOLDEN EAGLES OF THE SRP                                                                                                                          | J. J. MAYER,ET AL  |              |
| 001881      | 08/20/93 12:00:00 AM | WSRC-RP-89-994, REV. 1                 | 10693   | RCRA FACILITY INVESTIGATION/REMEDIAL INVESTIGATION PROGRAM PLAN (WSRC-RP-89-994, REV.1) DATED AUGUST 1993                                                  | WSRC               |              |
| 001882      | 09/01/93 12:00:00 AM | EPA/540-F-93-047 DIRECTIVE 9355.0-47FS | 10693   | PRESUMPTIVE REMEDIES: POLICY AND PROCEDURES, QUICK REFERENCE FACT SHEET                                                                                    | USEPA              |              |
| 001883      | 09/01/93 12:00:00 AM | EPA/540-F-93-048 DIRECTIVE 9355.0-48FS | 10693   | PRESUMPTIVE REMEDIES: SITE CHARACTERIZATION AND TECHNOLOGY SELECTION FOR CERCLA SITES WITH VOLATILE ORGANIC COMPOUNDS IN SOILS, QUICK REFERENCE FACT SHEET | USEPA              |              |
| 001884      | 09/01/93 12:00:00 AM | EPA/540-F-93-049 DIRECTIVE 9355.0-49FS | 10693   | PRESUMPTIVE REMEDY FOR CERCLA MUNICIPAL LANDFILL SITES, QUICK REFERENCE FACT SHEET                                                                         | USEPA              |              |
| 001886      | 04/06/95 12:00:00 AM | 001886                                 | 10693   | SCDHEC APPROVAL OF THE FEDERAL FACILITY AGREEMENT (FFA) REVISION.0 APPENDIX D FOR FISCAL YEAR 1995, DATED 3/15/95                                          | K. A. COLLINSWORTH | T. M. TREGER |
| 001891      | 02/28/95 12:00:00 AM | 001891                                 | 10693   | SCDHEC APPROVAL OF THE INVESTIGATION DERIVED WASTE MANAGEMENT PLAN (REV. 2) DATED 2/15/95                                                                  | K. A. COLLINSWORTH | T. M. TREGER |

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| 001892      | 02/10/95 12:00:00 AM | 001892     | 10693   | SCDHEC APPROVAL OF THE EXTENSION REQUEST FOR THE FINALIZATION OF THE INVESTIGATION DERIVED WASTE MANAGEMENT PLAN (REV. 2) DATED 1/26/95                                                                  | K. A. COLLINSWORTH | T. M. TREGER |
| 001894      | 01/17/95 12:00:00 AM | 001894     | 10693   | SCDHEC COMMENTS ON APPENDIX G PRIORITIZATION                                                                                                                                                             | S. L. SIMONS       | T. M. TREGER |
| 001896      | 02/10/95 12:00:00 AM | 001896     | 10693   | SCDHEC APPROVAL OF THE EXTENSION REQUEST FOR THE FINALIZATION OF THE ECOLOGICAL RISK ASSESSOR'S GUIDE (ERAG) DATED 1/23/95 AND CONCURRENCE WITH THE PROPOSED MODIFICATION OF THE SCOPE OF THE ERAG TO BE | K. A. COLLINSWORTH | T. M. TREGER |
| 001897      | 02/16/95 12:00:00 AM | 001897     | 10693   | SCDHEC APPROVAL OF THE EXTENSION REQUEST FOR THE FINALIZATION OF THE ECOLOGICAL RISK ASSESSOR'S GUIDE (ERAG) DATED 1/23/95 AND CONCURRENCE WITH THE PROPOSED MODIFICATION OF THE SCOPE OF THE ERAG TO BE | K. A. COLLINSWORTH | T. M. TREGER |
| 001898      | 02/28/95 12:00:00 AM | 001898     | 10693   | USEPA APPROVAL OF THE INVESTIGATION DERIVED WASTE (IDW) MANAGEMENT PLAN (WSRC-RP-94-1227, REV. 2)                                                                                                        | J. L. CRANE        | T. M. TREGER |
| 001904      | 01/13/95 12:00:00 AM | 001904     | 10693   | SCDHEC CONCURRENCE WITH THE PROPOSED SOIL SULFATE BACKGROUND LEVELS, DATED 1/15/95                                                                                                                       | K. ESTKOWSKI       | J. W. COOK   |
| 001905      | 01/12/95 12:00:00 AM | 001905     | 10693   | SCDHEC COMMENTS ON REQUEST FOR WAIVER OF REGULATORY PERMITTING ACTIVITIES PURSUANT TO CERCLA SECTION 121(E)(1) (GOIDELL TO WEEKS/BEDENBAUGH) DATED 9/15/93                                               | J. K. LINDLER      | J. W. COOK   |
| 001907      | 01/06/95 12:00:00 AM | 001907     | 10693   | SCDHEC CONCURRENCE WITH THE REQUEST FOR CONCURRENCE WITH THE ESTIMATED GROUNDWATER FLOW DIRECTION DATED 12/29/94                                                                                         | K. ESTKOWSKI       | J. W. COOK   |
| 001915      | 02/17/95 12:00:00 AM | 001915     | 10693   | SCDHEC REVIEW OF THE SITE ASSESSMENT PLAN, PROPOSED LANDFILL (SITE 7) THREE RIVERS SOLID WASTE AUTHORITY AND WELL INSTALLATION APPROVAL                                                                  | E. F. CATHCART     | J. W. COOK   |
| 001916      | 04/07/95 12:00:00 AM | 001916     | 10693   | SCDHEC COMMENTS ON THE DATA MANAGEMENT PLAN DATED 1/13/95                                                                                                                                                | K. A. COLLINSWORTH | T. M. TREGER |
| 001917      | 03/30/95 01:00:00 AM | 001917     | 10693   | SCDHEC APPROVAL OF THE REVISION.1 APPENDIX E FOR FISCAL YEAR 1995 (PRINT DATE 12/29/94)                                                                                                                  | K. A. COLLINSWORTH | T. M. TREGER |
| 001918      | 03/22/95 01:00:00 AM | 001918     | 10693   | USEPA APPROVAL OF THE REVISION.1 APPENDIX E FOR FISCAL YEAR 1995 (PRINT DATE 12/29/94)                                                                                                                   | J. L. CRANE        | T. M. TREGER |
| 001919      | 03/16/95 01:00:00 AM | 001919     | 10693   | USEPA COMMENTS ON THE REVISION.0 DATA MANAGEMENT PLAN                                                                                                                                                    | C. R. FROEDE       | T. M. TREGER |
| 001921      | 03/31/95 01:00:00 AM | 001921     | 10693   | USEPA APPROVAL OF THE REVISION.0 APPENDIX D FOR FISCAL YEAR 1995 (PRINT DATE 3/14/95)                                                                                                                    | J. L. CRANE        | T. M. TREGER |
| 001925      | 02/06/95 12:00:00 AM | 001925     | 10693   | USEPA APPROVAL OF THE EXTENSION REQUEST FOR THE FINALIZATION OF THE INVESTIGATION DERIVED WASTE MANAGEMENT PLAN AND COMMENTS ON THE PLAN (TREGER TO COLLINSWORTH/CRANE, DATED 1/26/95)                   | J. L. CRANE        | T. M. TREGER |

| Catalog Num | Date                 | Doc Number      | Track # | Title                                                                                                                                              | Author             | Addressee                      |
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| 001927      | 01/09/95 12:00:00 AM | 001927          | 10693   | USEPA COMMENTS ON ECOLOGICAL RISK ASSESSOR'S GUIDE (WSRC-RP-92-232, REV. 1)                                                                        | C. D. WALKER-SMITH | T. M. TREGER                   |
| 001928      | 02/01/95 12:00:00 AM | 001928          | 10693   | USEPA COMMENTS ON REVISION.0 APPENDICES C AND G AND OU LIST FOR FISCAL YEAR 1995, PRINT DATE 9/26/94                                               | J. L. CRANE        | T. M. TREGER                   |
| 001929      | 03/16/95 01:00:00 AM | 001929          | 10693   | USEPA COMMENTS ON THE 1994 PUBLIC INVOLVEMENT PLAN                                                                                                 | C. R. FROEDE       | T. M. TREGER                   |
| 001940      | 02/10/95 12:00:00 AM | 001940          | 10693   | SCDHEC COMMENTS ON THE REVISION.0 APPENDIX C AND APPENDIX G FOR FISCAL YEAR 1995, DATED 9/29/94                                                    | K. A. COLLINSWORTH | T. M. TREGER                   |
| 001946      | 01/18/95 12:00:00 AM | 001946          | 10693   | SCDHEC COMMENTS ON SITE EVALUATION PROCESS NARRATIVE                                                                                               | S. L. SIMONS       | J. W. COOK                     |
| 001951      | 05/02/95 12:00:00 AM | 001951          | 10693   | USEPA APPROVAL OF THE EXTENSION REQUEST FOR THE DATA MANAGEMENT PLAN (DATED APRIL 27, 1995)                                                        | C. R. FROEDE       | T. M. TREGER                   |
| 001964      | 06/05/95 12:00:00 AM | 001964          | 10693   | SCDHEC APPROVAL OF THE REVISION.1 DATA MANAGEMENT PLAN DATED MAY 12, 1995                                                                          | K. A. COLLINSWORTH | C. V. ANDERSON                 |
| 001969      | 05/07/95 12:00:00 AM | 001969          | 10693   | SUBMITTAL LETTER FOR THE TRANSMITTAL OF 20 COPIES OF THE INVESTIGATION DERIVED WASTE MANAGEMENT PLAN (WSRC-RP-94-1227, REV. 2)                     | T. M. TREGER       | K. A. COLLINSWORTH             |
| 001970      | 02/15/95 12:00:00 AM | 001970          | 10693   | SUBMITTAL LETTER FOR THE SUBMITTAL OF THE INVESTIGATION DERIVED WASTE MANAGEMENT PLAN FOR FINALIZATION (WSRC-RP-94-1227, REV. 2)                   | T. M. TREGER       | J. L. CRANE/K. A. COLLINSWORTH |
| 001971      | 05/24/95 12:00:00 AM | 001971          | 10693   | AGREEMENT TO EXTEND SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT DISPUTE RESOLUTION COMMITTEE (DRC) NEGOTIATION PERIOD                           | F. R. MCCOY,III    | J. R. FRANZMATHES W.           |
| 001976      | 05/25/95 12:00:00 AM | 001976          | 10693   | USEPA RESPONSE TO SRS LETTER OF 4/18/95, REQUEST FOR REGULATORY APPROVAL OF CHANGES IN THE GROUNDWATER SAMPLE FREQUENCY OF RCRA/CERCLA WASTE UNITS | J. L. CRANE        | C. V. ANDERSON                 |
| 001980      | 05/18/95 12:00:00 AM | 001980          | 10693   | USEPA RESPONSE TO WRITTEN STATEMENT OF DISPUTE FOR APPENDIX E FOR FISCAL YEAR 1995 (TREGER TO COLLINSWORTH AND CRANE, APRIL 28, 1995)              | J. R. FRANZMATHES  | H. W. TRUESDALE/F. R. MCCOY    |
| 001994      | 02/06/95 12:00:00 AM | 001994          | 10693   | ECOLOGICAL RISK ASSESSORS' GUIDE (ERAG) FOR EVALUATION OF WASTE UNITS ON THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT COMMITMENT             | T. M. TREGER       | J. L. CRANE/K. A. COLLINSWORTH |
| 001995      | 05/03/95 12:00:00 AM | 001995          | 10693   | DOE-SR NOTIFICATION OF THE SRS FFA PROJECT MANAGER                                                                                                 | T. F. HEENAN       | J. JOHNSTON/K. LINDLER         |
| 001996      | 05/03/95 12:00:00 AM | ESH-ERG-95-0149 | 10693   | CORRESPONDENCE ON THE LETTERS OF CONCURRENCE TO FILE FOR SITE EVALUATION REPORTS                                                                   | J. W. COOK         | J. L. CRANE                    |

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| 002008      | 04/11/95<br>12:00:00<br>AM | 002008     | 10693   | USEPA COMMENTS ON THE ELECTRONIC DATA SUBMISSION DATED FEBRUARY 13, 1995                                                                           | C. R. FROEDE   | T. M. TREGER                  |
| 002016      | 06/12/95<br>12:00:00<br>AM | 002016     | 10693   | USEPA APPROVAL OF THE REVISION.1 DATA MANAGEMENT PLAN DATED MAY 12, 1995                                                                           | C. R. FROEDE   | C. V. ANDERSON                |
| 002019      | 03/15/95<br>01:00:00<br>AM | DD-95-0042 | 10693   | DOE SUBMITTAL OF (1) REVISION.0 APPENDIX D FOR FISCAL YEAR 1995 (2) REVISION.1 APPENDIX E FOR FISCAL YEAR 1995 (3) EXTENSION REQUEST               | C. V. ANDERSON | J. C. CRANE/K. A. COLLINSWORT |
| 002021      | 12/30/94<br>12:00:00<br>AM | DD-95-0050 | 10693   | DOE TRANSMITTAL OF THE REVISION.1 APPENDIX E FOR FISCAL YEAR 1995                                                                                  | T.M. TREGER    | J.C. CRANE/K.A. COLLINSWORT   |
| 002022      | 05/10/95<br>12:00:00<br>AM | DD-95-0071 | 10693   | DOE TRANSMITTAL OF THE PROPOSED MODIFICATIONS TO SECTIONS VII, X, XIII, XXII, APPENDIX G AND APPENDIX I OF THE FEDERAL FACILITY AGREEMENT          | C. V. ANDERSON | J.C. CRANE/K.A. COLLINSWORT   |
| 002023      | 05/26/95<br>12:00:00<br>AM | DD-95-0104 | 10693   | DOE FUNDING STATUS OF ENVIRONMENTAL RESTORATION (ER) MILESTONES                                                                                    | C. V. ANDERSON | J. S. KUTZMAN/H. TRUESDALE    |
| 002024      | 05/26/95<br>12:00:00<br>AM | DD-95-0087 | 10693   | DOE STRATEGY FOR CONDUCTING A COMPREHENSIVE BACKGROUND ANALYSIS AT THE SAVANNAH RIVER SITE                                                         | C. V. ANDERSON | J. C. CRANE/K. A. COLLINSWORT |
| 002026      | 04/28/95<br>12:00:00<br>AM | DD-95-0085 | 10693   | DOE WRITTEN STATEMENT OF DISPUTE TO INITIATE FORMAL DISPUTE RESOLUTION REGARDING FEDERAL FACILITY AGREEMENT APPENDIX E FOR FISCAL YEAR 1995        | T. M. TREGER   | J.C. CRANE/K.A. COLLINSWORT   |
| 002027      | 04/28/95<br>12:00:00<br>AM | DD-95-0056 | 10693   | DOE SAVANNAH RIVER SITE (SRS) NEAR TERM RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) COMMITMENTS FOR ENVIRONMENTAL RESTORATION ACTIVITIES         | C. V. ANDERSON | G. R. THOMPSON                |
| 002029      | 04/27/95<br>12:00:00<br>AM | DD-95-0080 | 10693   | DOE EXTENSION REQUEST FOR THE FINALIZATION OF THE DATA MANAGEMENT PLAN                                                                             | T. M. TREGER   | J.C. CRANE/K.A. COLLINSWORT   |
| 002031      | 01/17/95<br>12:00:00<br>AM | DD-95-0006 | 10693   | DOE JANUARY 11, 1995 INVESTIGATION DERIVED WASTE (IDW) COMMENT RESOLUTION MEETING NOTES                                                            | T. M. TREGER   | J.C. CRANE/K.A. COLLINSWORT   |
| 002034      | 01/23/95<br>12:00:00<br>AM | DD-95-0009 | 10693   | DOE EXTENSION REQUESTS FOR THE FINALIZATION OF THE ECOLOGICAL RISK ASSESSORS' GUIDE (ERAG) FOR THE EVALUATION OF WASTE UNITS ON THE SRS            | T. M. TREGER   | J.C. CRANE/K.A. COLLINSWORT   |
| 002035      | 02/03/95<br>12:00:00<br>AM | DD-95-0021 | 10693   | DOE NOTIFICATION OF THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT FISCAL YEAR 1995 ALLOTMENT                                                  | T. M. TREGER   | J.C. CRANE/K.A. COLLINSWORT   |
| 002037      | 01/26/95<br>12:00:00<br>AM | DD-95-0016 | 10693   | DOE EXTENSION REQUEST FOR THE FINALIZATION OF THE SRS INVESTIGATION DERIVED WASTE (IDW) MANAGEMENT PLAN                                            | T. M. TREGER   | J.C. CRANE/K.A. COLLINSWORT   |
| 002038      | 01/31/95<br>12:00:00<br>AM | DD-95-0019 | 10693   | DOE MEETING DISCUSSION NOTES AND SUMMARY OF THE TELECONFERENCE CALL ON THE INVESTIGATION DERIVED WASTE (IDW) MANAGEMENT PLAN HELD JANUARY 26, 1995 | T. M. TREGER   | J.C. CRANE/K.A. COLLINSWORT   |

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| 002039      | 06/13/95<br>12:00:00<br>AM | DD-95-0113                     | 10693   | DOE FILTRATION OF GEOPROBE COLLECTED PHASE I GROUNDWATER SAMPLES                                                                                                                          | C. V. ANDERSON                | J.C. CRANE/K.A. COLLINSWORT     |
| 002040      | 06/13/95<br>12:00:00<br>AM | GB-95-0160                     | 10693   | ELEVATION OF FORMAL DISPUTE REGARDING SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT APPENDIX E TO THE SENIOR EXECUTIVE COMMITTEE                                                         | F. R. MCCOY                   | P. M. TOBIN/R. L. SHAW          |
| 002041      | 03/20/95<br>01:00:00<br>AM | DD-95-0046                     | 10693   | DOE SUBMITTAL OF CORRECTED REVISION.1 APPENDIX E FOR FISCAL YEAR 1995 AND CORRESPONDING EXTENSION REQUEST                                                                                 | C. V. ANDERSON                | J.C. CRANE/<br>K.A. COLLINSWORT |
| 002069      | 05/01/91<br>12:00:00<br>AM | EPA/540/G-91/009               | 10693   | MANAGEMENT OF INVESTIGATION-DERIVED WASTE DURING SITE INSPECTIONS                                                                                                                         | USEPA                         |                                 |
| 002070      | 11/14/94<br>12:00:00<br>AM | WSRC-RP-94-122' REV. 1 (DRAFT) | 10693   | INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN (WSRC-RP-94-1227, REV.1) DATED NOVEMBER 1994                                                                                                  | WSRC                          |                                 |
| 002073      | 02/11/94<br>12:00:00<br>AM | WSRC-RP-94-203                 | 10693   | DETAILED QUALITY ASSURANCE (QA) / QUALITY CONTROL (QC) DOCUMENTATION SUPPORTING THE SAVANNAH RIVER SITE (SRS) BASELINE STUDY OF UPLAND SOILS (U) (WSRC-RP-94-203) DATED FEBRUARY 1994     | B. B. LOONEY, JEROME, & SCOTT |                                 |
| 002074      | 01/01/92<br>12:00:00<br>AM | EPA/600/8-91/0111              | 10693   | DERMAL EXPOSURE ASSESSMENT: PRINCIPLES AND APPLICATIONS                                                                                                                                   | USEPA                         |                                 |
| 002075      | 09/01/94<br>12:00:00<br>AM | WSRC-TR-94-0211                | 10693   | ASSESSMENT OF MERCURY IN THE SAVANNAH RIVER SITE ENVIRONMENT (U) (WSRC-TR-94-0218ET) DATED SEPTEMBER 1994                                                                                 | E. J. KVARTEK, ET AL          |                                 |
| 002079      | 01/10/95<br>12:00:00<br>AM | 002079                         | 10693   | USEPA COMMENTS ON THE REVISION.0 FFA IMPLEMENTATION AND MANAGEMENT PLAN (WSRC-RP-94-1200)                                                                                                 | J. L. CRANE                   |                                 |
| 002082      | 11/17/75<br>12:00:00<br>AM | DP-MS-75-29<br>IAEA-SM-199/83  |         | MEASURED PLUTONIUM RESUSPENSION AND RESULTING DOSE FROM AGRICULTURAL OPERATIONS ON AN OLD FIELD AT THE SAVANNAH RIVER PLANT IN THE SOUTHEASTERN UNITED STATES                             | R. C. MILHAM, ET AL           |                                 |
| 002087      | 05/12/95<br>12:00:00<br>AM | ESH-ERG-95-0178                | 10693   | SUBMITTAL OF THE DATA MANAGEMENT PLAN (U)                                                                                                                                                 | J. W. COOK                    | J. L. CRANE/K. A. COLLINSWORT   |
| 002091      | 12/01/94<br>12:00:00<br>AM | WSRC-RP-94-1151                | 10693   | FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 1994 (U) (WSRC-RP-94-1155-3) DATED DECEMBER 1994                                                                        | WSRC                          |                                 |
| 002092      | 04/01/95<br>01:00:00<br>AM | WSRC-TR-95-166                 | 10693   | ANNUAL RADIOACTIVE WASTE TANK INSPECTION PROGRAM - 1994 (U)                                                                                                                               | WSRC                          |                                 |
| 002094      | 01/01/93<br>12:00:00<br>AM | WSRC-RP-92-596                 | 10693   | SAVANNAH RIVER SITE SPECIFIC PLAN FY 1993 (WSRC-RP-92-596) DATED JANUARY 1993                                                                                                             | WSRC                          |                                 |
| 002095      | 11/22/94<br>12:00:00<br>AM | ESH-ERG-94-0632                | 10693   | SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 1994 (WSRC-RP-94-1155-3) (SEE CATALOG NUMBER 002091) AND UPDATE OF THE ADMINISTRATIVE RECORD FILES (U) | J.W. COOK                     |                                 |



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| 002101      | 04/26/95<br>12:00:00<br>AM | ESH-ERG-95-0097                         | 10693   | SUBMITTAL LETTER FOR THE TREATABILITY STUDY WORK PLAN FOR THE MAG*SEP TREATMENT PROCESS (WSRC-TR-95-0503, REV. 0) SEE CATALOG NUMBER 002086  | J. W. COOK    | J. L. CRANE/K. A. COLLINSWORT |
| 002109      | 03/07/95<br>12:00:00<br>AM | 002109                                  | 10693   | TRANSMITTAL LETTER FOR THE ANNUAL STATUS REPORT FOR THE SAVANNAH RIVER SITE HIGH LEVEL WASTE TANKS (SEE CATALOG NUMBER 002093)               | A. B. GOULD   | J. L. CRANE                   |
| 002110      | 03/07/95<br>12:00:00<br>AM | 002110                                  | 10693   | TRANSMITTAL LETTER FOR THE ANNUAL STATUS REPORT FOR THE SAVANNAH RIVER SITE HIGH LEVEL WASTE TANKS (SEE CATALOG NUMBER 002093)               | A. B. GOULD   | K. A. COLLINSWORT             |
| 002114      | 06/09/95<br>12:00:00<br>AM | ESH-ERG-95-0240                         | 10693   | TRANSMITTAL OF IDW MANAGEMENT PLAN DRAFT PROCEDURES (U)                                                                                      | J. W. COOK    | J. L. CRANE/K. A. COLLINSWORT |
| 002115      | 04/18/95<br>12:00:00<br>AM | ESH-ERG-95-0123                         | 10693   | REQUEST FOR REGULATORY APPROVAL OF CHANGES IN THE GROUNDWATER SAMPLE FREQUENCY OF RCRA/CERCLA WASTE UNITS AT THE SAVANNAH RIVER FIELD OFFICE | J. W. COOK    | J. L. CRANE/K. A. COLLINSWORT |
| 002116      | 02/23/95<br>12:00:00<br>AM | ESH-ERG-95-0060                         | 10693   | SUBMITTAL OF ANALYTICAL DATA IN THE INTERCHANGE FILE FORMAT                                                                                  | J. W. COOK    | J. L. CRANE/K. A. COLLINSWORT |
| 002118      | 04/03/94<br>01:00:00<br>AM | ESH-ERG-94-0125                         | 10693   | REQUEST FOR SAMPLE REDUCTION OF SELECTED BGO, BGX, AND HMD-SERIES WELLS                                                                      | J. W. COOK    | J. BOMAR                      |
| 002119      | 12/27/94<br>12:00:00<br>AM | 002119                                  | 10693   | TRANSMITTAL OF THE FFA MODIFICATIONS FOR SECTIONS XI, XII, AND XXII.G                                                                        | J. L. CRANE   | K. A. COLLINSWORT             |
| 002120      | 12/13/94<br>12:00:00<br>AM | 002120                                  | 10693   | TRANSMITTAL OF THE FFA MODIFICATIONS FOR SECTION XX                                                                                          | J. L. CRANE   | K. A. COLLINSWORT             |
| 002121      | 05/20/94<br>12:00:00<br>AM | 002121                                  | 10693   | MEETING OF SAVANNAH RIVER SITE NATURAL RESOURCE CO-TRUSTEES                                                                                  | S. R. WRIGHT  | NATURAL RESOURCE CO-TRUSTEES  |
| 002124      | 09/15/93<br>12:00:00<br>AM | 002124                                  | 10693   | SAVANNAH RIVER SITE REQUEST FOR CERCLA WAIVER OF REGULATORY PERMITTING REQUIREMENTS                                                          | L. C. GOIDELL | V. L. WEEKS/L. R. BEDENBAUGH  |
| 002125      | 09/08/93<br>12:00:00<br>AM | 002125                                  | 10693   | PRESS RELEASE ANNOUNCING: FEDERAL FACILITY AGREEMENT IN EFFECT AT SRS                                                                        | DOE-SR        |                               |
| 002144      | 03/01/92<br>12:00:00<br>AM | OERR 9200.6-303 (92-1) NTIS PB92-921199 | 10693   | USEPA COMMENTS ON HEALTH EFFECTS ASSESSMENT SUMMARY TABLES ANNUAL FY1992                                                                     | USEPA         |                               |
| 002145      | 03/01/90<br>12:00:00<br>AM | EPA/600/8-89/043                        | 10693   | USEPA COMMENTS ON EXPOSURE FACTORS HANDBOOK                                                                                                  | USEPA         |                               |
| 002146      | 01/01/93<br>12:00:00<br>AM | EPA/903/R-93-001                        | 10693   | USEPA COMMENTS ON SELECTING EXPOSURE ROUTES AND CONTAMINANTS OF CONCERN BY RISK-BASED SCREENING                                              | USEPA         |                               |

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| 002149      | 02/11/92<br>12:00:00<br>AM | 002149          | 10693   | USEPA COMMENTS ON NEW INTERIM REGION IV GUIDANCE: TOXICITY EQUIVALENCY FACTOR (TEF) METHODOLOGY FOR CARCINOGENIC PAHS                                                                                                          | USEPA-IV           |                                     |
| 002154      | 09/21/95<br>12:00:00<br>AM | ESH-CGP-95-0417 | 10693   | SUBMITTAL OF THE REVISED REVISION 1 APPENDICES C AND G OF THE FEDERAL FACILITY AGREEMENT (FFA)                                                                                                                                 | J. W. COOK         | J.L. CRANE/<br>K.A.<br>COLLINSWORTH |
| 002193      | 08/01/95<br>12:00:00<br>AM | 002193          | 10693   | USEPA APPROVAL OF EXTENSION REQUEST FOR THE D-AREA REVISION.0 FS (FEASIBILITY STUDY) REPORT                                                                                                                                    | J. L. CRANE        | C. V.<br>ANDERSON                   |
| 002194      | 07/27/95<br>12:00:00<br>AM | 002194          | 10693   | USEPA REQUEST FOR CERCLA 120 (H) (4) CONCURRENCE PROPOSED LEASE OF D-AREA POWERHOUSE (LETTER FROM GOULD TO CRANE 7/20/95)                                                                                                      | J. L. CRANE        | GOULD,A. B.                         |
| 002195      | 07/14/95<br>12:00:00<br>AM | 002195          | 10693   | USEPA SUBMITTAL OF OSWER DIRECTIVE 9355.7-04 LAND USE IN THE CERCLA REMEDY SELECTION PROCESS MAY 1995                                                                                                                          | J. L. CRANE        | FLORA,M.                            |
| 002198      | 07/12/95<br>12:00:00<br>AM | 002198          | 10693   | USEPA COMMENTS ON THE CONTAMINANTS OF POTENTIAL CONCERN SELECTION PROCESS (COPC) (REF: LETTER FROM ANDERSON TO CRANE AND COLLINSWORTH 6/2/95)                                                                                  | J. L. CRANE        | C. V.<br>ANDERSON                   |
| 002199      | 07/14/95<br>12:00:00<br>AM | 002199          | 10693   | USEPA PROPOSED PRIVATIZATION OF D-AREA POWERHOUSE AND 320-M ALLOY MANUFACTURING FACILITY                                                                                                                                       | J. L. CRANE        | A. B. GOULD                         |
| 002206      | 08/11/95<br>12:00:00<br>AM | 002206          | 10693   | SCDHEC APPROVAL OF INVESTIGATIVE DERIVED WASTE (IDW) PLAN PROCEDURES (ESH-ERG-95-0240) , IDW MANAGEMENT PLAN (WSRC-RP-94-1227 REVISION 2) DATE JUNE 9, 1995.                                                                   | K. A. COLLINSWORTH | C. V.<br>ANDERSON                   |
| 002211      | 06/26/95<br>12:00:00<br>AM | 002211          | 10693   | SCDHEC APPROVAL OF SUBMITTAL INFORMATION RELATED TO AQUIFER PUMP TEST AT THE D-AREA MAGNETIC SEPARATOR PROJECT, ESH-ERG-95-0188, DATED MAY 16, 1995, RECEIVED MAY 18, 1995. (PERMIT REQUIREMENTS)                              | H. H. GILKERSON    | COOK,J. W.                          |
| 002224      | 07/21/95<br>12:00:00<br>AM | 002224          | 10693   | PROPOSED LEASE OF D-AREA POWERHOUSE AT THE SAVANNAH RIVER SITE (SRS)                                                                                                                                                           | A. B. GOULD        | D. WILSON                           |
| 002226      | 06/02/95<br>12:00:00<br>AM | DD-95-0108      | 10693   | DOE CONTAMINANTS OF POTENTIAL CONCERN (COPC) SELECTION PROCESS                                                                                                                                                                 | C. V. ANDERSON     | J.L. CRANE/<br>K.A.<br>COLLINSWORTH |
| 002227      | 08/01/95<br>12:00:00<br>AM | DD-95-0147      | 10693   | DOE SUSPENDED STATUS OF REGULATORY ENVIRONMENTAL RESTORATION ACTIVITIES                                                                                                                                                        | C. V. ANDERSON     | J.L. CRANE/<br>K.A.<br>COLLINSWORTH |
| 002229      | 10/10/94<br>12:00:00<br>AM | 002229          | 10693   | SCDHEC RESPONSE TO SRS STUDY REGARDING SETTLEMENT AGREEMENT #91-44-W                                                                                                                                                           | G. K. LOWMAN       | J. L. KEYES                         |
| 002240      | 05/16/95<br>12:00:00<br>AM | ESH-ERG-95-0188 | 10693   | SUBMITTAL OF INFORMATION RELATED TO AQUIFER PUMP TEST AT THE D-AREA MAGNETIC SEPARATOR PROJECT                                                                                                                                 | J. W. COOK         | K. A.<br>COLLINSWORTH               |
| 002242      | 09/08/95<br>12:00:00<br>AM | DD-95-0172      | 10693   | DOE TRANSMITTAL OF THE DRAFT REVISION 1 APPENDIX E FOR THE FISCAL YEAR (FY) 1995 ( FFA ) (PRINT DATE 09/0895) AND EXTENSION REQUESTS FOR THE DELIVERABLE OR MILESTONES FROM THE REVISION 1 APPENDIX E FOR FY 1995 ( PRINT DATE | C. V. ANDERSON     | J.L. CRANE/<br>K.A.<br>COLLINSWORTH |

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| 002246      | 06/08/95<br>12:00:00<br>AM | ESH-ERG-95-0223        | 10693   | SUBMITTAL OF THE DRAFT 1995/96 PUBLIC INVOLVEMENT PLAN                                                                                                                                                                     | J. W. COOK                            | J.L. CRANE/<br>K.A.<br>COLLINSWORT |
| 002247      | 01/01/95                   | 002247                 | 10693   | 1995 PUBLIC INVOLVEMENT PLAN - DRAFT                                                                                                                                                                                       | WSRC                                  |                                    |
| 002248      | 06/27/91<br>12:00:00<br>AM | ESH-ERG-91-0553        | 10693   | TRANSMITTAL OF THE REVISION OF THE SRS PURGED WATER MANAGEMENT PLAN (WSRC-RP-90-208)                                                                                                                                       | D. E. GORDON                          | H. L. MATHIS                       |
| 002249      | 06/01/91<br>12:00:00<br>AM | WSRC-RP-90-208, REV. 1 | 10693   | PURGED WATER MANAGEMENT PLAN, (WSRC-RP-90-208, REV.1) DATED JUNE 1991                                                                                                                                                      | WSRC                                  |                                    |
| 002255      | 05/17/95<br>12:00:00<br>AM | ESH-ERG-95-0167        | 10693   | TRANSMITTAL OF SAVANNAH RIVER SITE IMPLEMENTATION PLAN FOR THE ECOLOGICAL RISK ASSESSMENT GUIDANCE FOR SUPERFUND WSRC-TR-95-0172                                                                                           | J. W. COOK                            | J.L. CRANE/<br>K.A.<br>COLLINSWORT |
| 002260      | 04/01/95<br>01:00:00<br>AM | WSRC-TR-95-017, REV. 0 | 10693   | SAVANNAH RIVER SITE IMPLEMENTATION PLAN FOR THE ECOLOGICAL RISK ASSESSMENT GUIDANCE FOR SUPERFUND, (WSRC-TR-95-0172, REV. 0) DATED APRIL 1995                                                                              | DYER,S. A. /HASELOW,L.<br>A. /VOSS,L. |                                    |
| 002271      | 10/31/91                   | 002271                 | 10693   | BORROW PIT LABORATORY NOTEBOOK #1 1991 SREL                                                                                                                                                                                | WSRC                                  |                                    |
| 002273      | 04/22/94<br>12:00:00<br>AM | 002273                 | 10693   | SEDIMENT-RELATED RISK ASSESSMENT                                                                                                                                                                                           | METCALF & EDDY,INC.                   |                                    |
| 002274      | 04/22/94<br>12:00:00<br>AM | 002274                 | 10693   | REASONABLE RANGE OF AVS VALUES FOR VARIOUS HABITATS                                                                                                                                                                        | METCALF & EDDY,INC.                   |                                    |
| 002275      | 08/31/94<br>12:00:00<br>AM | 002275                 | 10693   | RADIONUCLIDES IN THE ECOLOGICAL RISK ASSESSMENT                                                                                                                                                                            | METCALF & EDDY,INC.                   |                                    |
| 002276      | 04/20/99                   | WSRC-RP-94-122, REV. 2 | 10693   | INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN, (WSRC-RP-94-1227, REV.2)                                                                                                                                                      | WSRC                                  |                                    |
| 002277      | 09/29/95<br>12:00:00<br>AM | DD-95-0183             | 10693   | DOE TRANSMITTAL OF THE REVISION 1 APPENDIX E FOR THE FISCAL YEAR (FY) 1995 (PRINT DATE 09/28/95) AND EXTENSION REQUEST FOR THE DELIVERABLES OR MILESTONES FROM THE REVISION 1 APPENDIX E FOR FY 1995 (PRINT DATE 12/29/94) | C. V. ANDERSON                        | J.L. CRANE/<br>K.A.<br>COLLINSWORT |
| 002278      | 09/29/95<br>12:00:00<br>AM | ESH-CGP-95-0453        | 10693   | SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX C RCRA/CERCLA UNITS LIST FOR FISCAL YEAR 1996 AND REVISION 0 APPENDIX G, SITE EVALUATION AREAS FOR FISCAL YEAR 1996                                        | J. W. COOK                            | J.L. CRANE/<br>K.A.<br>COLLINSWORT |
| 002289      | 09/25/95<br>12:00:00<br>AM | 002289                 | 10693   | USEPA REVISED COMMENTS ON THE REVISION 0 PUBLIC INVOLVEMENT PLAN                                                                                                                                                           | C. R. FROEDE,JR.                      | C. V.<br>ANDERSON                  |
| 002291      | 09/25/95<br>12:00:00<br>AM | 002291                 | 10693   | SCDHEC MONITORING WELL APPROVAL FOR THE INSTALLATION OF FOUR CONE PENETROMETER SAMPLING POINTS DESIGNATED CPT-23, CPT-24, CPT-25 AND CPT-26                                                                                | M. G. WHITTLE                         |                                    |

| Catalog Num | Date                       | Doc Number      | Track # | Title                                                                                                                                                                                                             | Author                          | Addressee                           |
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| 002292      | 10/01/95<br>12:00:00<br>AM | ESH-CGP-95-038C | 10693   | IMPLEMENTATION OF THE DRAFT FEDERAL FACILITY AGREEMENT IMPLEMENTATION PLAN SECTION 4.2.4 SITE EVALUATION DETERMINATION                                                                                            | J. W. COOK                      | J.L. CRANE/<br>K.A.<br>COLLINSWORTH |
| 002320      | 08/18/95<br>12:00:00<br>AM | 002320          | 10693   | SCDHEC COMMENTS ON CONTAMINANTS OF POTENTIAL CONCERN (COPC) SELECTION PROCESS LETTER, RECEIVED JUNE 8, 1995                                                                                                       | K. A. COLLINSWORTH              | C. V.<br>ANDERSON                   |
| 002324      | 08/31/95<br>12:00:00<br>AM | 002324          | 10693   | EPA AND SCDHEC COMMENTS ON MEETING HELD ON AUGUST 7, 1995 (MEETING TO DISCUSS IMPACTS TO FISCAL YEAR 1996 FEDERAL FACILITY AGREEMENT APPENDIX E MILESTONES)                                                       | K. A. COLLINSWORTH/ J. L. CRANE | C. V.<br>ANDERSON                   |
| 002325      | 09/05/95<br>12:00:00<br>AM | 002325          | 10693   | SCDHEC REVIEW COMMENTS ON GROUNDWATER ASSESSMENT REPORT DATED AUGUST 7, 1995, Z-AREA SALTSTONE DISPOSAL FACILITY (IWP-217)                                                                                        | E. F. CATHCART                  | J. W. COOK                          |
| 002335      | 09/28/95<br>12:00:00<br>AM | 002335          | 10693   | SCDHEC APPROVAL OF THE SRS INVESTIGATIVE DERIVED WASTE MANAGEMENT PLAN (IDWMP) REVISION (COOK TO COLLINSWORTH) DATED AUGUST 9, 1995                                                                               | K. A. COLLINSWORTH              | C. V.<br>ANDERSON                   |
| 002339      | 10/03/95<br>12:00:00<br>AM | 002339          | 10693   | SCDHEC COMMENT ON REVISION 1 APPENDIX E FOR FISCAL YEAR (FY) 1995 DATED SEPTEMBER 29, 1995 AND EXTENSION REQUESTS FOR MILESTONES FROM REVISION 1 APPENDIX E FOR FY DATED DECEMBER 29, 1994 (SATISFIES DEPARTMENTS | K. A. COLLINSWORTH              | C. V.<br>ANDERSON                   |
| 002341      | 10/06/95<br>12:00:00<br>AM | 002341          | 10693   | SCDHEC APPROVAL OF REQUEST FOR THE INSTALLATION OF PEIZOMETERS AT THE F AND H AREAS SEEPLINES FOR FOURMILE BRANCH (COOK TO DEVLIN, DATED AUGUST 25, 1995) SEE CATALOG # 002342                                    | C. L. DEVLIN                    | J. W. COOK                          |
| 002346      | 10/12/95<br>12:00:00<br>AM | 002346          | 10693   | SCDHEC COMMENTS OF ON THE PUBLIC INVOLVEMENT PLAN (PIP) DATED JUNE 8, 1995                                                                                                                                        | K. A. COLLINSWORTH              | B. T.<br>HENNESSEY                  |
| 002348      | 08/18/95<br>12:00:00<br>AM | 002348          | 10693   | USEPA COMMENTS ON THE DRAFT FFA IMPLEMENTATION PLAN (FIP) WSRC-RP-94-1200 (APRIL 19, 1995)                                                                                                                        | J. L. CRANE                     | C. V.<br>ANDERSON                   |
| 002354      | 09/12/95<br>12:00:00<br>AM | 002354          | 10693   | USEPA COMMENTS ON THE REVISION 0 PUBLIC INVOLVEMENT PLAN                                                                                                                                                          | C. R. FROEDE,JR.                | C. V.<br>ANDERSON                   |
| 002355      | 09/19/95<br>12:00:00<br>AM | 002355          | 10693   | USEPA " NO COMMENTS " ON THE IDW MANAGEMENT PLAN (WSRC-RP-94-1227 REVISION 2)                                                                                                                                     | J. L. CRANE                     | J. W. COOK                          |
| 002359      | 10/03/95<br>12:00:00<br>AM | 002359          | 10693   | USEPA COMMENTS ON THE REVISED FY 95 APPENDIX E (PRINT DATE 9/28/95) LETTER OF 9/29/95 FROM ANDERSON TO COLLINSWORTH AND CRANE ( FFA )                                                                             | J. L. CRANE                     | C. V.<br>ANDERSON                   |
| 002360      | 10/06/95<br>12:00:00<br>AM | 002360          | 10693   | USEPA APPROVAL OF THE REVISION 0 FY96 APPENDIX C AND G PRINT DATE 09/22/95 ( FFA )                                                                                                                                | J. L. CRANE                     | C. V.<br>ANDERSON                   |
| 002363      | 06/28/95<br>12:00:00<br>AM | DD-95-0129      | 10693   | DOE SRS COMMUNITY RELATIONS PLAN - CLARIFICATION OF RECENT SUBMITTAL AS REVISION 0                                                                                                                                | C. V. ANDERSON                  | J.L. CRANE/<br>K.A.<br>COLLINSWORTH |
| 002364      | 07/06/95<br>12:00:00<br>AM | DD-95-0112      | 10693   | DOE FILTRATION OF GEOPROBE TM COLLECTED PHASE I GROUNDWATER SAMPLE                                                                                                                                                | C. V. ANDERSON                  | J.L. CRANE/<br>K.A.<br>COLLINSWORTH |

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| 002365      | 07/28/95<br>12:00:00<br>AM | DD-95-0144      | 10693   | DOE FORMAL DISPUTE REGARDING SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT (FFA) APPENDIX E (WITHDRAWAL OF DISPUTE WITHOUT PREJUDICE)                                                                               | M. P. FIORI                                      | P.M. TOBIN<br>/R.L. SHAW             |
| 002369      | 09/21/95<br>12:00:00<br>AM | DD-95-0180      | 10693   | DOE ENVIRONMENTAL RESTORATION REPROGRAMMING                                                                                                                                                                          | C. V. ANDERSON                                   | J.L. CRANE/<br>K.A.<br>COLLINSWORT   |
| 002370      | 10/03/95<br>12:00:00<br>AM | DD-96-0003      | 10693   | DOE RESOURCE CONSERVATION RECOVERY ACT (RCRA) COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY (CERCLA) UNIT EVALUATED AS A SITE EVALUATION AREA                                                     | C. V. ANDERSON                                   | J.L. CRANE/<br>K.A.<br>COLLINSWORT   |
| 002372      | 06/29/95<br>12:00:00<br>AM | ESH-CGP-95-0285 | 10693   | REQUEST FOR THE APPROVAL OF THE INSTALLATION OF MONITORING WELLS AT THE K-AREA SEEPAGE BASIN USING CONE PENETROMETER                                                                                                 | J. W. COOK                                       | K.A.<br>COLLINSWORT                  |
| 002373      | 04/27/95<br>12:00:00<br>AM | ESH-CGP-95-0293 | 10693   | RESPONSES TO SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL DRAFT COMMENTS ON THE REVISION 1 APPENDIX C, RCRA/CERCLA UNITS LIST AND SUBMITTAL OF THE REVISED REVISION 1 APPENDICES C AND G SEE        | J. W. COOK                                       | J.L. CRANE/<br>K.A.<br>COLLINSWORT   |
| 002375      | 07/18/95<br>12:00:00<br>AM | ESH-CGP-95-0325 | 10693   | REQUEST FOR THE APPROVAL OF THE INSTALLATION OF MONITORING WELLS AT THE K-AREA SEEPAGE BASIN USING CONE PENETROMETER                                                                                                 | J.W. COOK                                        | K. A.<br>COLLINSWORT                 |
| 002377      | 07/19/95<br>12:00:00<br>AM | ESH-CGP-95-0334 | 10693   | CLARIFICATION OF THE OFF-SITE POLICY AT SAVANNAH RIVER SITE                                                                                                                                                          | J. W. COOK                                       | E. BURKS                             |
| 002384      | 08/16/95<br>12:00:00<br>AM | ESH-CGP-95-0385 | 10693   | FEDERAL FACILITY AGREEMENT APPENDIX G ADDITION                                                                                                                                                                       | J. W. COOK                                       | J. L. CRANE/ K.<br>A.<br>COLLINSWORT |
| 002385      | 06/01/90<br>12:00:00<br>AM | 002385          | 10693   | SOIL SURVEY OF SAVANNAH RIVER PLANT AREA, PARTS OF AIKEN, BARNWELL, AND ALLENDALE COUNTIES, SOUTH CAROLINA                                                                                                           | DEPARTMENT OF AGRICULTURE                        |                                      |
| 002391      | 10/16/95<br>12:00:00<br>AM | ESH-CGP-95-0513 | 10693   | REQUEST FOR THE APPROVAL OF THE INSTALLATION OF CPT MONITORING POINTS FOR CHARACTERIZATION OF SOUTHWEST PLUME FUNNEL AND GATE TECHNICAL DEMONSTRATION SITE                                                           | J. W. COOK                                       | J. BOMAR                             |
| 002412      | 05/10/95<br>12:00:00<br>AM | ESH-ERG-95-0065 | 10693   | SUBMITTAL OF REVISION 1 APPENDIX C, RCRA/CERCLA UNITS LIST, REVISION 1 APPENDIX G, SITE EVALUATION LIST, AND SAVANNAH RIVER SITE RESPONSE TO THE ENVIRONMENTAL PROTECTION AGENCY-IV AND SOUTH CAROLINA DEPARTMENT OF | J. W. COOK                                       | J.L. CRANE/<br>K.A.<br>COLLINSWORT   |
| 002421      | 06/09/95<br>12:00:00<br>AM | ESH-ERG-95-0240 | 10693   | TRANSMITTAL OF IDW MANAGEMENT PLAN DRAFT PROCEDURES (WSRC-RP-94-1227, REV. 2) MANUAL 3Q5 SECTION 12                                                                                                                  | J. W. COOK                                       | J.L. CRANE/<br>K.A.<br>COLLINSWORT   |
| 002425      | 07/06/95<br>12:00:00<br>AM | 002425          | 10693   | REVISION.1 APPENDIX C FOR FY 1995 SEE CATALOG #002373                                                                                                                                                                | WSRC                                             |                                      |
| 002451      | 10/13/95<br>12:00:00<br>AM | 002451          | 10693   | USEPA COMMENTS ON INNOVATIVE TECHNOLOGIES APPLIED AS CORRECTIVE ACTIONS FOR SELECT FEDERAL FACILITY AGREEMENT APPENDIX D AND E OPERABLE UNITS                                                                        | C. R. FROEDE,JR.                                 | C. V.<br>ANDERSON                    |
| 002454      | 08/01/95<br>12:00:00<br>AM | 002454          | 10693   | TOXICOLOGICAL PROFILE FOR BENZIDINE                                                                                                                                                                                  | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                      |

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| 002455      | 08/01/95<br>12:00:00<br>AM | 002455     | 10693   | TOXICOLOGICAL PROFILE FOR NAPHTHALENE, 1-METHYLNAPHTHALENE, AND 2-METHYLNAPHTHALENE | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |           |
| 002456      | 08/01/95<br>12:00:00<br>AM | 002456     | 10693   | TOXICOLOGICAL PROFILE FOR DINITROPHENOLS                                            | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |           |
| 002457      | 08/01/95<br>12:00:00<br>AM | 002457     | 10693   | TOXICOLOGICAL PROFILE FOR POLYBROMINATED BIIPHENYLS                                 | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |           |
| 002458      | 08/01/95<br>12:00:00<br>AM | 002458     | 10693   | TOXICOLOGICAL PROFILE FOR 1,1,1-TRICHLOROETHANE                                     | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |           |
| 002459      | 08/01/95<br>12:00:00<br>AM | 002459     | 10693   | TOXICOLOGICAL PROFILE FOR XYLENE                                                    | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |           |
| 002460      | 08/01/95<br>12:00:00<br>AM | 002460     | 10693   | TOXICOLOGICAL PROFILE FOR POLYCYCLIC AROMATIC HYDROCARBONS                          | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |           |
| 002461      | 08/01/95<br>12:00:00<br>AM | 002461     | 10693   | TOXICOLOGICAL PROFILE FOR DINITROCRESOLS                                            | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |           |
| 002462      | 08/01/95<br>12:00:00<br>AM | 002462     | 10693   | TOXICOLOGICAL PROFILE FOR ASBESTOS                                                  | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |           |
| 002463      | 08/01/95<br>12:00:00<br>AM | 002463     | 10693   | TOXICOLOGICAL PROFILE FOR DISULFOTON                                                | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |           |
| 002464      | 08/01/95<br>12:00:00<br>AM | 002464     | 10693   | TOXICOLOGICAL PROFILE FOR MIREX AND CHLORDEONE                                      | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |           |
| 002465      | 06/01/95<br>12:00:00<br>AM | 002465     | 10693   | TOXICOLOGICAL PROFILE FOR JET FUELS (JP-4 AND JP-7)                                 | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |           |
| 002466      | 06/01/95<br>12:00:00<br>AM | 002466     | 10693   | TOXICOLOGICAL PROFILE FOR GASOLINE                                                  | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |           |
| 002467      | 06/01/95<br>12:00:00<br>AM | 002467     | 10693   | TOXICOLOGICAL PROFILE FOR DIETHYL PHTHALATE                                         | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |           |
| 002468      | 06/01/95<br>12:00:00<br>AM | 002468     | 10693   | TOXICOLOGICAL PROFILE FOR FUEL OILS                                                 | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |           |
| 002469      | 06/01/95<br>12:00:00<br>AM | 002469     | 10693   | TOXICOLOGICAL PROFILE FOR OTTO FUEL II AND ITS COMPONENTS                           | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |           |

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| 002470      | 06/01/95<br>12:00:00<br>AM | 002470     | 10693   | TOXICOLOGICAL PROFILE FOR RDX                                          | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |           |
| 002471      | 06/01/95<br>12:00:00<br>AM | 002471     | 10693   | TOXICOLOGICAL PROFILE FOR STODDARD SOLVENT                             | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |           |
| 002472      | 06/01/95<br>12:00:00<br>AM | 002472     | 10693   | TOXICOLOGICAL PROFILE FOR TETRYL                                       | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |           |
| 002473      | 06/01/95<br>12:00:00<br>AM | 002473     | 10693   | TOXICOLOGICAL PROFILE FOR 1,3-DINITROBENZENE AND 1,3,5-TRINITROBENZENE | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |           |
| 002474      | 06/01/95<br>12:00:00<br>AM | 002474     | 10693   | TOXICOLOGICAL PROFILE FOR 2,4,6-TRINITROTOLUENE                        | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |           |
| 002475      | 08/01/95<br>12:00:00<br>AM | 002475     | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR CHLORPYRIFOS                           | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |           |
| 002476      | 08/01/95<br>12:00:00<br>AM | 002476     | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR NICKEL                                 | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |           |
| 002477      | 08/01/95<br>12:00:00<br>AM | 002477     | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR CYANIDE                                | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |           |
| 002478      | 08/01/95<br>12:00:00<br>AM | 002478     | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR CHLOROFORM                             | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |           |
| 002479      | 08/01/95<br>12:00:00<br>AM | 002479     | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR TETRACHLOROETHYLENE                    | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |           |
| 002480      | 08/01/95<br>12:00:00<br>AM | 002480     | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR BENZENE                                | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |           |
| 002481      | 08/01/95<br>12:00:00<br>AM | 002481     | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR CHLORFENVINPHOS                        | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |           |
| 002482      | 08/01/95<br>12:00:00<br>AM | 002482     | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR DICHLORVOS                             | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |           |
| 002483      | 08/01/95<br>12:00:00<br>AM | 002483     | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR TRICHLOROETHYLENE                      | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |           |
| 002484      | 08/01/95<br>12:00:00<br>AM | 002484     | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR POLYCHLORINATED BIPHENYLS              | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |           |

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| 002485      | 08/01/95 12:00:00 AM | 002485          | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR VINYL CHLORIDE                                                                                                                                                                                      | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                  |
| 002489      | 11/17/95 12:00:00 AM | 002489          | 10693   | USEPA COMMENTS ON TECHNOLOGY DEVELOPMENT SRS-WORKOUT FOLLOW UP                                                                                                                                                                      | C.B. WARREN                                      | T. F. HEENAN                     |
| 002494      | 11/15/95 12:00:00 AM | DD-96-0026      | 10693   | DOE TRANSMITTAL OF THE REVISION.0 APPENDIX E FOR THE FISCAL YEAR 1996 (PRINT DATE 11/13/95) AND EXTENSION REQUESTS FOR THE DELIVERABLES OR MILESTONES FROM THE REVISION.1 APPENDIX E FOR THE FISCAL YEAR 1995 (PRINT DATE 11/13/95) | B. T. HENNESSEY                                  | J. L. CRANE / K. A. COLLINSWORTH |
| 002497      | 10/03/95 12:00:00 AM | DD-96-0002      | 10693   | DOE DESIGNATION OF NEW SRS FFA PROJECT MANAGER                                                                                                                                                                                      | C. V. ANDERSON                                   | J. JOHNSTON / K. LINDLER         |
| 002500      | 12/01/95 12:00:00 AM | DD-96-0084      | 10693   | DOE STATUS OF SAVANNAH RIVER SITE ANNUAL BUDGET ALLOTMENT                                                                                                                                                                           | B. T. HENNESSEY                                  | K. A. COLLINSWORTH / J.L. CRANE  |
| 002513      | 11/22/95 12:00:00 AM | 002513          | 10693   | SCDHEC APPROVAL OF THE INSTALLATION OF CONE PENETROMETERS (CPT), PIEZOMETERS WELLS AND MONITORING WELLS DATED NOVEMBER 22, 1995, APPROVAL # HW-95-0054                                                                              | R. E. SCHWEITZER                                 | J. W. COOK                       |
| 002522      | 11/21/95 12:00:00 AM | ESH-CGP-95-0549 | 10693   | REMOVAL ACTION REPORT                                                                                                                                                                                                               | J. W. COOK                                       | J. L. CRANE / K. A. COLLINSWORTH |
| 002526      | 12/01/95 12:00:00 AM | DD-96-0038      | 10693   | DOE SUBMITTAL OF THE ENVIRONMENTAL RESTORATION DEPARTMENT RADIOLOGICALLY CONTAMINATED SOIL CONSOLIDATION PRELIMINARY STUDY                                                                                                          | B. T. HENNESSEY                                  | J. L. CRANE / K. A. COLLINSWORTH |
| 002527      | 11/29/95 12:00:00 AM | DD-96-0031      | 10693   | DOE TRANSMITTAL OF THE FEDERAL FACILITY AGREEMENT PROGRESS REPORT FOR FISCAL YEAR 1995 AND ADMINISTRATIVE RECORD FILES                                                                                                              | B. T. HENNESSEY                                  | K.A. COLLINSWORTH / J.L. CRANE   |
| 002529      | 11/01/94 01:00:00 AM | ESH-EMS-940515  | 10693   | THE SAVANNAH RIVER SITE'S GROUNDWATER MONITORING PROGRAM - SECOND QUARTER 1994                                                                                                                                                      | WSRC                                             |                                  |
| 002531      | 12/01/95 12:00:00 AM | WSRC-RP-95-1151 | 10693   | FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 1995, (WSRC-RP-95-1155) DATED DECEMBER 1995                                                                                                                       | WSRC                                             |                                  |
| 002532      | 11/01/95 01:00:00 AM | WSRC-RP-95-1551 | 10693   | ENVIRONMENTAL RESTORATION DEPARTMENT RADIOLOGICALLY CONTAMINATED SOIL CONSOLIDATION PRELIMINARY STUDY, (WSRC-RP-95-1554) DATED NOVEMBER 1995                                                                                        | WSRC                                             |                                  |
| 002556      | 12/14/95 12:00:00 AM | 002556          | 10693   | SCDHEC COMMENTS ON THE REVISION.0 FY 95 APPENDIX E (PRINT DATE: 11/13/95)                                                                                                                                                           | K. A. COLLINSWORTH                               | B.T. HENNESSEY                   |
| 002558      | 12/18/95 12:00:00 AM | 002558          | 10693   | USEPA COMMENTS ON GIS DATA MANAGER DESIGNATION                                                                                                                                                                                      | C.R. FROEDE,JR.                                  | B.T. HENNESSEY                   |
| 002561      | 12/21/95 12:00:00 AM | 002561          | 10693   | SCDHEC APPROVAL OF THE EXTENSION REQUEST FOR THE SUBMITTAL OF REVISION. 1 FEDERAL AGREEMENT APPENDIX E FOR FISCAL YEAR 1996, DATED DECEMBER 21, 1995                                                                                | K. A. COLLINSWORTH                               | B.T. HENNESSEY                   |



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| 002580      | 12/20/95<br>12:00:00<br>AM | DD-96-0102                       | 10693   | DOE EXTENSION REQUEST FOR THE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION.1 APPENDIX E FOR FISCAL YEAR 1996                                                                                | B. T. HENNESSEY                 | K. A. COLLINSWORT<br>/ J. L. CRANE |
| 002584      | 11/04/93                   | 002584                           | 10693   | SUPERFUND'S STANDARD DEFAULT EXPOSURE FACTORS FOR THE CENTRAL TENDENCY AND REASONABLE MAXIMUM EXPOSURE                                                                                              | ENVIRONMENTAL PROTECTION AGENCY |                                    |
| 002585      | 03/07/95<br>12:00:00<br>AM | 002585                           | 10693   | RISK-BASED CONCENTRATION TABLE, JANUARY - JUNE 1995                                                                                                                                                 | R. L. SMITH                     |                                    |
| 002586      | 01/29/87<br>12:00:00<br>AM | DPST-87-260                      | 10693   | DOCUMENTATION OF 1982 SOIL ANALYSES TO DETERMINE THE NATURAL BACKGROUND RADIOACTIVITY IN SRP SURFACE SOILS                                                                                          | W.M. FAY & J. B. PICKETT        |                                    |
| 002587      | 01/01/88<br>12:00:00<br>AM | DPSTSA-200-10                    | 10693   | FINAL SAFETY ANALYSIS REPORT FOR THE DEFENSE WASTE PROCESSING FACILITY (DWPF) - SUBSURFACE HYDROGEOLOGYF                                                                                            | V. PRICE                        |                                    |
| 002590      | 07/24/95<br>12:00:00<br>AM | 002590                           | 10693   | RADIO ANNOUNCEMENT (SAVANNAH VALLEY BROADCASTING - WBBQ) FOR DOE PUBLIC MEETING TO GATHER INPUT ON ITS NATIONWIDE STOCKPILE STEWARDSHIP AND MANAGEMENT PROGRAMMATIC ENVIRONMENTAL IMPACT STATEMENT. | WSRC                            |                                    |
| 002593      | 07/20/95<br>12:00:00<br>AM | ENVIRONMENTAL BULLETIN, VOLUME 6 | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 6, NUMBER 10, DATED JULY 20, 1995.                                                                                                     | WSRC                            |                                    |
| 002594      | 08/24/95<br>12:00:00<br>AM | ENVIRONMENTAL BULLETIN, VOLUME 6 | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 6, NUMBER 12, DATED AUGUST 24, 1995.                                                                                                   | WSRC                            |                                    |
| 002595      | 08/28/95<br>12:00:00<br>AM | ENVIRONMENTAL BULLETIN, VOLUME 6 | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 6, NUMBER 13, DATED AUGUST 28, 1995                                                                                                    | WSRC                            |                                    |
| 002596      | 07/18/95<br>12:00:00<br>AM | 002596                           | 10693   | SRS CITIZENS ADVISORY BOARD MEETING JULY 24 AND 25 1995, AIKEN CONFERENCE CENTER - THE ALLENDALE COUNTY CITIZEN LEADER                                                                              | WSRC                            |                                    |
| 002600      | 12/14/95<br>12:00:00<br>AM | DD-96-0095                       | 10693   | FEDERAL FACILITY AGREEMENT SECTION XX.B NOTIFICATION REQUIREMENTS (LETTER, CRANE TO HENNESSEY, 12/04/95)                                                                                            | B. T. HENNESSEY                 | K. A. COLLINSWORT<br>J. L. CRANE   |
| 002602      | 12/01/95<br>12:00:00<br>AM | DD-96-0087                       | 10693   | DOE SUBMITTAL OF ENVIRONMENTAL RESTORATION REMEDIAL TECHNOLOGY SELECTION/DEVELOPMENT PROCESS REPORT REVISION. 1                                                                                     | C. V. ANDERSON                  | C.R. FROEDE /<br>K. A. COLLINSWORT |
| 002607      | 07/01/93<br>12:00:00<br>AM | 002607                           | 10693   | CODE OF FEDERAL REGULATIONS 40CFR CH. 1 7-1-93 EDITION GROUNDWATER MONITORING LIST                                                                                                                  |                                 |                                    |
| 002609      | 02/01/74<br>12:00:00<br>AM | 002609                           | 10693   | BURIED TRIASSIC BASIN IN THE CENTRAL SAVANNAH RIVER AREA, SOUTH CAROLINA AND GEORGIA                                                                                                                | I. W. MARINE                    |                                    |
| 002610      | 08/15/95<br>12:00:00<br>AM | 002610                           | 10693   | WELL STANDARDS AND REGULATIONS                                                                                                                                                                      | SCDHEC                          |                                    |

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| 002614      | 12/10/95<br>12:00:00<br>AM | ENVIRONMENTAL BULLETIN, VOLUME 6 | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 6, NUMBER 21, DATED DECEMBER 10, 1995.                                                                                                                | WSRC                               |                                  |
| 002618      | 11/01/95<br>01:00:00<br>AM | 002618                           | 10693   | ENVIRONMENTAL RESTORATION REMEDIAL TECHNOLOGY SELECTION / DEVELOPMENT PROCESS REPORT                                                                                                                               | R. S. AYLWARD,M.G. SERRATO,A. SUER |                                  |
| 002621      | 04/01/90<br>01:00:00<br>AM | SRO-NERP-19                      | 10693   | VEGETATION OF THE SAVANNAH RIVER SITE: MAJOR COMMUNITY TYPES                                                                                                                                                       | SAVANNAH RIVER ECOLOGY LABORATORY  |                                  |
| 002622      | 01/01/95<br>12:00:00<br>AM | WSRC-TR-95-076                   | 10693   | SRS ENVIRONMENTAL REPORT 1994 - SUMMARY PAMPHLET (WSRC-TR-95-076)                                                                                                                                                  | WSRC                               |                                  |
| 002623      | 01/01/95<br>12:00:00<br>AM | WSRC-TR-95-075                   | 10693   | SRS ENVIRONMENTAL REPORT 1994 (WSRC-TR-95-075)                                                                                                                                                                     | WSRC                               |                                  |
| 002624      | 01/01/95<br>12:00:00<br>AM | WSRC-TR-95-077                   | 10693   | SAVANNAH RIVER SITE ENVIRONMENTAL REPORT 1994 - ENVIRONMENTAL DATA FOR 1994 (WSRC-TR-95-077)                                                                                                                       | WSRC                               |                                  |
| 002625      | 01/01/94<br>12:00:00<br>AM | 002625                           | 10693   | 1994 PUBLIC INVOLVEMENT PLAN                                                                                                                                                                                       | WSRC                               |                                  |
| 002635      | 01/10/96<br>12:00:00<br>AM | DD-96-0104                       | 10693   | DOE COMPREHENSIVE ENVIRONMENTAL RESTORATION, COMPENSATION, AND LIABILITY ACT (CERCLA) COMMUNITY RELATIONS PLAN (CRP) WITH SCHEDULE                                                                                 | B. T. HENNESSEY                    | K. A. COLLINSWORT                |
| 002656      | 12/29/95<br>12:00:00<br>AM | 002656                           | 10693   | USEPA APPROVAL OF THE EXTENSION REQUEST FOR SUBMITTAL FOR REVISION.1 APPENDIX E FOR FY96. EXTENSION UNTIL JANUARY 15, 1996                                                                                         | J. L. CRANE                        | / J. L. CRANE<br>B. T. HENNESSEY |
| 002658      | 12/29/95<br>12:00:00<br>AM | 002658                           | 10693   | USEPA COMMENTS ON RPM OPERABLE UNIT ASSIGNMENTS FEDERAL FACILITY AGREEMENT APPENDIX C OU LIST (APPENDIX C.3, PRINT DATE: 09-12-95)                                                                                 | J. L. CRANE                        | B. T. HENNESSEY                  |
| 002660      | 01/12/96<br>12:00:00<br>AM | DD-96-0103                       | 10693   | DOE TRANSMITTAL OF THE REVISION.1 APPENDIX E FOR FISCAL YEAR 1996 (FY96) PRINT DATE 01-10-96), RESPONSES TO ENVIRONMENTAL PROTECTION AGENCY - IV AND SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL | B. T. HENNESSEY                    | J.L. CRANE / K. A. COLLINSWORT   |
| 002664      | 05/01/95<br>12:00:00<br>AM | ESH-EMS-940517                   | 10693   | SAVANNAH RIVER SITE'S GROUNDWATER MONITORING PROGRAM - FOURTH QUARTER 1994, (ESH-EMS-940517) DATED MAY 1995                                                                                                        | WSRC                               |                                  |
| 002665      | 02/01/95<br>12:00:00<br>AM | ESH-EMS-940516                   | 10693   | SAVANNAH RIVER SITE'S GROUNDWATER MONITORING PROGRAM - THIRD QUARTER 1994, (ESH-EMS-940516) DATED FEBRUARY 1995                                                                                                    | WSRC                               |                                  |
| 002667      | 05/15/92<br>12:00:00<br>AM | WSRC-TR-92-300                   | 10693   | GROUNDWATER FLOW MODEL OF THE GENERAL SEPARATIONS AREA, SAVANNAH RIVER SITE, (WSRC-TR-92-300) DATED MAY 1992                                                                                                       | WSRC                               |                                  |
| 002671      | 01/19/96<br>12:00:00<br>AM | DD-96-0175                       | 10693   | FEDERAL FACILITY AGREEMENT (FFA) SECTION XX.B MODIFICATION REQUIREMENTS                                                                                                                                            | B. T. HENNESSEY                    | J. L. CRANE / COLLINSWORT        |

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| 002673      | 01/19/96<br>12:00:00<br>AM | 002673                 | 10693   | MODIFICATION TO SECTION X, SITE EVALUATIONS OF THE FEDERAL FACILITY AGREEMENT                                                                                                                       | B. T. HENNESSEY    | J. L. CRANE /<br>COLLINSWORT          |
| 002675      | 01/22/96<br>12:00:00<br>AM | 002675                 | 10693   | INTERCHANGE FILE FORMAT                                                                                                                                                                             | J. L. CRANE        | B. T.<br>HENNESEY                     |
| 002684      | 02/12/96<br>12:00:00<br>AM | 002684                 | 10693   | USEPA CONCURRENCE WITH THE REVISION.0 APPENDIX E FOR FISCAL YEAR 1996 OF THE FEDERAL FACILITY AGREEMENT (FFA), REVISION.1 FY 95 APPENDIX E (PRINT DATE 1/10/96)                                     | J. L. CRANE        | B. T.<br>HENNESSEY                    |
| 002686      | 02/13/96<br>12:00:00<br>AM | 002686                 | 10693   | USEPA COMMENTS ON RIVER WATER DISTRIBUTION SYSTEM PROPOSED SHUTDOWN AND FFA COORDINATION                                                                                                            | J. L. CRANE        | B. T.<br>HENNESSEY                    |
| 002704      | 02/01/96<br>12:00:00<br>AM | ESH-CGP-96-0032        | 10693   | REQUEST FOR CLARIFICATION ON POLICIES GOVERNING APPROVALS OF CONE PENETROMETER TECHNOLOGY APPLICATIONS IN SOUTH CAROLINA                                                                            | J. W. COOK         | G. K. TAYLOR                          |
| 002705      | 02/06/96<br>12:00:00<br>AM | ESH-CGP-96-0063        | 10693   | WATER USE REPORT: FOURTH QUARTER 1995, SAVANNAH RIVER SITE                                                                                                                                          | J. W. COOK         | S. B. ALDER                           |
| 002725      | 02/20/96<br>12:00:00<br>AM | DD-96-0104             | 10693   | DOE TRANSMITTAL OF THE BASE MAPS FOR THE SAVANNAH RIVER SITE ( BMM DATA CARTRIDGE AND CD-ROM)                                                                                                       | B. T. HENNESSEY    | K. A.<br>COLLINSWORT<br>L. CRANE      |
| 002726      | 02/23/96<br>12:00:00<br>AM | DD-96-0118             | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT (FFA) REVISION.0 APPENDIX D. TIMETABLES AND DEADLINES FOR FISCAL YEAR 1996 (PRINT DATE 02-01-96)                                                    | B. T. HENNESSEY    | K. A.<br>COLLINSWORT<br>L. CRANE      |
| 002733      | 03/06/96<br>12:00:00<br>AM | DD-96-0136             | 10693   | DOE TRANSMITTAL OF THE SAVANNAH RIVER SITE REVISION.0 COMMUNITY RELATIONS PLAN (WSRC-RP-96-00120) AND RESPONSES TO ENVIRONMENTAL PROTECTION AGENCY - IV AND SOUTH CAROLINA DEPARTMENT OF HEALTH AND | B. T. HENNESSEY    | K. A.<br>COLLINSWORT<br>J. L. CRANE   |
| 002744      | 02/20/96<br>12:00:00<br>AM | 002744                 | 10693   | SCDHEC "NO COMMENTS" ON THE APPENDIX C RCRA/CERCLA OPERABLE UNITS LIST (REVISION. 0) FOR FISCAL YEAR 1996, DATED OCTOBER 1, 1995                                                                    | K. A. COLLINSWORTH | B. T.<br>HENNESSEY                    |
| 002745      | 02/12/96<br>12:00:00<br>AM | 002745                 | 10693   | SCDHEC APPROVAL OF THE REVISION.1 APPENDIX E FOR FISCAL YEAR 1996 AND ASSOCIATED RESPONSES TO EPA AND SCDHEC COMMENTS                                                                               | K. A. COLLINSWORTH | B. T.<br>HENNESSEY                    |
| 002755      | 01/03/96<br>12:00:00<br>AM | WSRC-RP-96-120, REV. 0 | 10693   | SAVANNAH RIVER SITE COMMUNITY RELATIONS PLAN, (WSRC-RP-96-120, REV.0) DATED JANUARY 1996                                                                                                            | WSRC               |                                       |
| 002775      | 03/14/96<br>01:00:00<br>AM | DD-96-0315             | 10693   | DOE DRAFT FEDERAL FACILITY AGREEMENT IMPLEMENTATION PLAN (FIP)                                                                                                                                      | B. T. HENNESSEY    | J. L. CRANE / K.<br>A.<br>COLLINSWORT |
| 002776      | 03/07/96<br>12:00:00<br>AM | DD-96-0309             | 10693   | DOE SAVANNAH RIVER SITE (SRS) PERMITTING COMMITMENTS FOR ENVIRONMENTAL RESTORATION ACTIVITIES UPDATED LIST                                                                                          | C. V. ANDERSON     | W.J. MORGAN /<br>G. R.<br>THOMPSON    |
| 002781      | 03/06/96<br>12:00:00<br>AM | 002781                 | 10693   | USEPA APPROVAL OF FFA REVISION.0 APPENDIX D FOR FISCAL YEAR 1996 (PRINT DATE OF 02-01-96)                                                                                                           | J. L. CRANE        | B. T.<br>HENNESSEY                    |

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| 002785      | 03/18/96<br>01:00:00<br>AM | 002785                | 10693   | SCDHEC APPROVAL OF THE FFA REVISION.0 APPENDIX D FOR FISCAL YEAR 1996 (PRINT DATE 02-01-96)                                                                                                                                          | K. A. COLLINSWORTH | B. T. HENNESSEY                     |
| 002825      | 04/10/96<br>12:00:00<br>AM | DD-96-0217            | 10693   | DOE INVITATION TO SEMINAR ON RADIONUCLIDES                                                                                                                                                                                           | B. T. HENNESSEY    | K. A. COLLINSWORTH<br>/ J. I. CRANE |
| 002830      | 04/11/96<br>12:00:00<br>AM | DD-96-0149            | 10693   | DOE MODIFICATIONS TO REVISION.0 APPENDIX D FOR THE FISCAL YEAR 1996 (PRINT DATE 02-01-96) AND TO SECTION XIX. SCOPING WORK PRIORITIES, XXVII RESOLUTION OF DISPUTES, AND XI DISPUTES, AND XI FIVE YEAR PLAN FOR THE FEDERAL FACILITY | B. T. HENNESSEY    | K. A. COLLINSWORTH<br>/ J.L. CRANE  |
| 002831      | 04/11/96<br>12:00:00<br>AM | DD-96-0141            | 10693   | DOE DISCREPANCIES BETWEEN THE FEDERAL FACILITY AGREEMENT EXECUTED JANUARY 13, 1993 AND THE CONTROLLED (WSRC-OS-94-42) OF THE FEDERAL FACILITY AGREEMENT                                                                              | B. T. HENNESSEY    | K. A. COLLINSWORTH<br>/ J. I CRANE  |
| 002832      | 04/11/96<br>12:00:00<br>AM | ESH-CGP-96-014C       | 10693   | SUBMITTAL OF TECHNICAL MEMORANDUM ON THE INSTALLATION OF MONITORING WELL USING CONE PENETROMETER TECHNOLOGY AT THE SAVANNAH RIVER SITE                                                                                               | J.W. COOK          | G. K. TAYLOR                        |
| 002840      | 04/16/96<br>12:00:00<br>AM | 002840                | 10693   | USEPA COMMENTS ON DOE'S LETTER OF 02/20/96, RE: TRANSMITTAL OF THE BASE MAPS FOR THE SRS (RD: DD-96-0104)                                                                                                                            | J. I. CRANE        | B.T. HENNESSEY                      |
| 002841      | 04/09/96<br>12:00:00<br>AM | 002841                | 10693   | SCDHEC APPROVAL OF THE SITE EVALUATION REPORT FOR 3QFY96                                                                                                                                                                             | S. I. SIMONS       | B. T. HENNESSEY                     |
| 002842      | 04/08/96<br>12:00:00<br>AM | 002842                | 10693   | USEPA COMMENTS ON THE REVISION. 0 COMMUNITY RELATIONS PLAN (CRP)                                                                                                                                                                     | C. A. JONES        | B. T. HENNESSEY                     |
| 002843      | 04/08/96<br>12:00:00<br>AM | 002843                | 10693   | USEPA COMMENTS ON INTEGRATING D&D AND CERCLA                                                                                                                                                                                         | C. B. WARREN       | C. V. ANDERSON                      |
| 002866      | 04/23/96<br>12:00:00<br>AM | DD-96-0231            | 10693   | DOE ER FFA WORK ACCELERATED IN FY96                                                                                                                                                                                                  | C. V. ANDERSON     | J. K. LINDLER/C. B. WARREN          |
| 002878      | 04/01/96<br>01:00:00<br>AM | WSRC-RP-96-234, REV.0 | 10693   | RCRA FACILITY INVESTIGATION/REMEDIAL INVESTIGATION WORK PLAN SHERP, QA/QC, WSRC AND DATA MANAGEMENT (WSRC-RP-96-234, REV.0)                                                                                                          |                    |                                     |
| 002890      | 04/15/96<br>12:00:00<br>AM | 002890                | 10693   | SCDHEC COMMENTS ON THE REVISION.0 COMMUNITY RELATIONS PLAN (CRP), (WSRC-RP-96-120), DATED MARCH 6, 1996                                                                                                                              | K. A. COLLINSWORTH | B. T. HENNESSEY                     |
| 002893      | 04/17/96<br>12:00:00<br>AM | 002893                | 10693   | SCDEHC COMMENTS ON MODIFICATION OF THE PROPOSED PLAN AND THE RECORD OF DECISIONS (ROD) TO INCORPORATE THE LANGUAGE FOR THE RCRA PERMITTING PROCESS                                                                                   | K. A. COLLINSWORTH | B. T. HENNESSEY                     |
| 002898      | 04/22/96<br>12:00:00<br>AM | 002898                | 10693   | USEPA COMMENTS ON THE MANAGEMENT ACTION PLAN (DRAFT REVISION.1, FEBRUARY 1, 1996) SAVANNAH RIVER SITE                                                                                                                                | C. B. WARREN       | B. T. HENNESSEY                     |
| 002899      | 04/30/96<br>12:00:00<br>AM | ESH-CGP-96-0222       | 10693   | INFORMATION PACKAGE FOR FIP FIGURES AND WELL DIAGRAM FOR THE BGO 22DR (ESH-CGP-96-0222)                                                                                                                                              | J. W. COOK         | J. OVERCASH                         |

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| 002905      | 04/30/96<br>12:00:00<br>AM | DD-96-0241                       | 10693   | DOE SUBMITTAL OF THE RCRA FACILITY INVESTIGATION/REMEDIAL INVESTIGATION (RFI/RI) WORK PLAN, SHERP, QA/QC AND DATA MANAGEMENT REQUIREMENTS (WSRC-RP-96-234, REVISION.0)                                                    | B. T. HENNESSEY                                                 | K. A. COLLINSWORT<br>/ J. I. CRANE |
| 002906      | 04/29/96<br>12:00:00<br>AM | DD-96-0125                       | 10693   | DOE PRELIMINARY DATA COLLECTION AT RCRA/CERCLA UNITS A SAVANNAH RIVER SITE (SRS)                                                                                                                                          | B. T. HENNESSEY                                                 | K. A. COLLINSWORT<br>J. I. CRANE   |
| 002907      | 04/29/96<br>12:00:00<br>AM | DD-96-0247                       | 10693   | DOE EXPANDED UTILIZATION OF SCDHEC-AIKEN                                                                                                                                                                                  | C. V. ANDERSON                                                  | M. C. REECE                        |
| 002908      | 05/08/96<br>12:00:00<br>AM | DD-96-0259                       | 10693   | DOE RE-TRANSMITTAL OF THE BASE MAP COVERAGE OF "CONTOURS" AND "RCRA/CERCLA UNITS" FOR THE SAVANNAH RIVER SITE (CD-ROM)                                                                                                    | B. T. HENNESSEY                                                 | K. A. COLLINSWORT<br>/ J. L. CRANE |
| 002912      | 05/09/96<br>12:00:00<br>AM | DD-96-0129                       | 10693   | DOE PROPOSAL FOR FIVE -YEAR REVIEW OF RECORDS OF DECISION                                                                                                                                                                 | B. T. HENNESSEY                                                 | K. A. COLLINSWORT<br>/ J. L. CRANE |
| 002917      | 05/15/96<br>12:00:00<br>AM | DD-96-0248                       | 10693   | DOE RESPONSE TO LETTER "RE: SITE EVALUATION REPORTS FOR 3QFY96"                                                                                                                                                           | B. T. HENNESSEY                                                 | K. A. COLLINSWORT<br>/ J. L. CRANE |
| 002920      | 07/14/94<br>12:00:00<br>AM | OSWER<br>DIRECTIVE<br>#9355.4-12 | 10693   | USEPA REVISED INTERIM SOIL LEAD GUIDANCE FOR CERCLA SITES AND RCRA CORRECTIVE ACTION FACILITIES                                                                                                                           | E. P. LAWS                                                      |                                    |
| 002954      | 03/21/96<br>01:00:00<br>AM | 002954                           | 10693   | OFF-SITE RULE: APPLICABILITY OF FACILITY (CONCERNING VEGETATION CONTAMINATED WITH RADIONUCLIDES BEING SENT TO OAK RIDGE)                                                                                                  | M. P. WILSON                                                    | A. NEWMAN                          |
| 002971      | 04/01/87<br>01:00:00<br>AM | DPST-85-953                      | 10693   | ENVIRONMENTAL INFORMATION DOCUMENT: NEO HAZARDOUS AND MIXED WASTE STORAGE / DISPOSAL FACILITIES AT THE SAVANNAH RIVER PLANT (DPST-85-953)                                                                                 | J. R. COOK / M. W. GRANT<br>/ O. O. TOWLER                      |                                    |
| 002980      | 11/01/84<br>01:00:00<br>AM | DPST-84-833                      | 10693   | SRP BASELINE HYDROGEOLOGIC INVESTIGATION - PHASE I (DPST-84-833) DATED NOVEMBER 1984                                                                                                                                      | H. W. BLEDSOE, JR.                                              |                                    |
| 002981      | 03/01/88<br>12:00:00<br>AM | DPSP-88-1027                     | 10693   | ENVIRONMENTAL DATA MANAGEMENT PLAN FOR SAVANNAH RIVER PLANT (DPSP-88-1027) DATED MARCH 1988                                                                                                                               | D. E. GORDON / J. R. FLOYD / J. B. GLADDEN /<br>R. W. HECKROTTE |                                    |
| 002990      | 06/19/96<br>12:00:00<br>AM | DD-96-0280                       | 10693   | DOE RESPONSE TO ENVIRONMENTAL PROTECTION AGENCY LETTER REQUESTING GIS INFORMATION REF: LETTER, J.L. CRANE (EPA) TO B.T. HENNESSEY (DOE), APRIL 16, 1996, RE: EPS'S REQUEST FOR BACKGROUND INFORMATION REGARDING THE SRS'S | B.T. HENNESSEY                                                  | K. A. COLLINSWORT<br>/ J. L. CRANE |
| 002993      | 06/19/96<br>12:00:00<br>AM | DD-96-0278                       | 10693   | DOE RESPONSE TO SCDHEC COMMENT ON THE EFFECTIVENESS MONITORING STRATEGY (EMS)                                                                                                                                             | B. T. HENNESSEY                                                 | K. A. COLLINSWORT                  |
| 003004      | 06/03/96<br>12:00:00<br>AM | 003004                           | 10693   | SCDHEC APPROVAL OF PILOT PROJECT FOR SUBMITTAL OF ELECTRONIC DATA PURSUANT TO SECTION 7 OF THE APPROVED DATA MANAGEMENT PLAN.                                                                                             | K. A. COLLINSWORTH                                              | B. T. HENNESSEY                    |
| 003029      | 06/26/95<br>12:00:00<br>AM | 003029                           | 10693   | RCRA PERMIT MODIFICATIONS FOR SELECTING CORRECTIVE MEASURES                                                                                                                                                               | C. B. WARREN                                                    | C. V. ANDERSON                     |

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| 003030      | 07/01/96<br>12:00:00<br>AM | 003030                            | 10693   | USEPA WORK SCHEDULE DURING OLYMPICS                                                                                                                                                        | J. I. CRANE    | B.T.<br>HENNESSEY               |
| 003034      | 06/10/96<br>12:00:00<br>AM | 003034                            | 10693   | USEPA COMMENTS ON ECOLOGICAL ASSESSMENTS STRATEGY OF THE FFA IMPLEMENTATION PLAN                                                                                                           | J.L. CRANE     | B. T.<br>HENNESSEY              |
| 003039      | 06/10/96<br>12:00:00<br>AM | 003039                            | 10693   | USEPA APPROVAL OF EXTENSION REQUESTS DOE LETTER OF MAY 23, 1996                                                                                                                            | J.L. CRANE     | B.T.<br>HENNESSEY               |
| 003071      | 07/01/96<br>12:00:00<br>AM | WSRC-RP-96-120, REV.1             | 10693   | SAVANNAH RIVER SITE COMMUNITY RELATIONS PLAN, (WSRC-RP-96-120, REV.1) DATED JULY 1, 1996.                                                                                                  | WSRC           |                                 |
| 003080      | 06/10/93<br>12:00:00<br>AM | WSRC-CD-87001                     | 10693   | CONSENT DEGREE ; CIVIL ACTION NO. 1:85-2583-6                                                                                                                                              | WSRC           |                                 |
| 003081      | 03/11/92<br>01:00:00<br>AM | 2832.009(5.09)                    | 10693   | TECHNICAL DATA SUMMARY: WASTE ACID AND CAUSTIC BASINS (U)                                                                                                                                  | WSRC           |                                 |
| 003082      | 06/10/93<br>12:00:00<br>AM | DP-MRCE-88-652                    | 10693   | OFF SITE CLAY BORROW SURVEY SUPPLEMENTAL REPORT HWME CLOSURE SRP                                                                                                                           | WSRC           |                                 |
| 003083      | 06/10/93<br>12:00:00<br>AM | WSRC-SAT-90-22                    | 10693   | TASK 19 - BASIN SAMPLING - FINAL REPORT COPY                                                                                                                                               | WSRC           |                                 |
| 003086      | 06/10/93<br>12:00:00<br>AM | WSRC-LB-90-001                    | 10693   | UNTITLED (SAMPLING LOG BOOK, INCLUDING MET LAB BASIN WATER)                                                                                                                                | WSRC           |                                 |
| 003088      | 04/06/92<br>12:00:00<br>AM | 003088                            | 10693   | EPA REGIONAL CONTINGENCY PLAN, REGION IV                                                                                                                                                   | USEPA          |                                 |
| 003094      | 01/24/94<br>12:00:00<br>AM | ESH-ERG-94-0022                   | 10693   | FEDERAL FACILITY AGREEMENT QUARTERLY PROGRESS REPORT FOR THE FIRST QUARTER OF FISCAL YEAR 1994 AND UPDATE OF THE ADMINISTRATIVE RECORD FILES. (U)                                          | J.W. COOK      | V.L.<br>WEEKS,H.L.<br>MATHIS    |
| 003097      | 04/01/96<br>01:00:00<br>AM | WSRC-TR-96-016                    | 10693   | ANNUAL RADIOACTIVE WASTE TANK INSPECTION PROGRAM - 1995                                                                                                                                    | WSRC           |                                 |
| 003100      | 12/14/94<br>12:00:00<br>AM | ENVIRONMENTAL BULLETIN, VOLUME 5, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 5, NUMBER 28, DATED DECEMBER 14, 1994.                                                                                        | WSRC           |                                 |
| 003101      | 04/29/93<br>12:00:00<br>AM | 003101                            | 10693   | USEPA COMMENTS ON PRIORITY ACTIONS                                                                                                                                                         | J. D. JOHNSTON | J.<br>ROBERTS,H.W.<br>TRUESDALE |
| 003102      | 02/06/92<br>12:00:00<br>AM | 003102                            | 10693   | SCDHEC REVIEW OF SRS RESPONSE TO SRS RESPONSE TO USEPA COMMENTS REGARDING GROUNDWATER SAMPLING PROTOCOL AND REVISED PURGE WATER MANAGEMENT PLAN (COOK TO KUTZMAN), DATED JANUARY 16, 1992. | H. L. MATHIS   | J.W. COOK                       |

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| 003105      | 03/30/94                   | ESH-ERG-94-0114 | 10693   | TRANSMITTAL OF SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT                                                                        |                |                                |
| 003112      | 11/22/93<br>12:00:00<br>AM | ESH-ERG-93-0480 | 10693   | SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT PROGRESS REPORT (U)                                                                      | J.W. COOK      | V.I. WEEKS,F.A. RAGAN          |
| 003114      | 06/06/94<br>12:00:00<br>AM | ESH-ERG-94-0288 | 10693   | SUBMITTAL OF ECOLOGICAL RISK ASSESSOR'S GUIDE FOR EVALUATION OF WASTE UNITS ON THE SAVANNAH RIVER SITE (WSRC-RP-92-232) (U)          | J.W. COOK      | K.A.COLLINSWORTH<br>CRANE      |
| 003127      | 07/17/90<br>12:00:00<br>AM | ESH-ERG-900206  | 10693   | SUBMITTAL OF REVISED SCHEDULE FOR SUBMISSION OF THE SRS RCRA FACILITY INVESTIGATION / REMEDIAL INVESTIGATIONS (RFI/RI) WORKPLANS (U) | C.R. SHERMAN   | J.H. SCARBROUGH                |
| 003138      | 07/30/96<br>12:00:00<br>AM | OD-96-0022      | 10693   | FEDERAL FACILITY AGREEMENT ACTIVITIES STATUS                                                                                         | B.T. HENNESSEY | K. A. COLLINSWORTH<br>L. CRANE |
| 003139      | 07/29/96<br>12:00:00<br>AM | ESH-CGP-96-0409 | 10693   | WATER USE REPORT; SECOND QUARTER 1996, SAVANNAH RIVER SITE (U)                                                                       | J.W. COOK      | S. B. ALDER                    |
| 003144      | 04/20/99                   | WSRC-TR-92-099  | 10693   | MICROSEEPS, INC., UNTITLED SOIL GAS REPORT 1986, REFERENCED IN DOCUMENT (WSRC-RP-90-486)                                             | WSRC           |                                |
| 003146      | 01/01/82<br>12:00:00<br>AM | SRO-819-11      | 10693   | SET-ASIDE AREAS NATIONAL ENVIRONMENTAL RESEARCH PARK SAVANNAH RIVER PLANT, AIKEN, SC                                                 | WSRC           |                                |
| 003147      | 12/11/85<br>12:00:00<br>AM | DPST-85-936     | 10693   | QUALITY OF RADIOMETRIC ANALYSES CONDUCTED BY CONTRACTOR LABORATORIES                                                                 | WSRC           |                                |
| 003149      | 04/10/85<br>12:00:00<br>AM | DPST-85-407TL/D | 10693   | 1984 MONITORING OF MERCURY IN THE GROUNDWATER AT 643-G AND 643-7G                                                                    | WSRC           |                                |
| 003152      | 07/24/96<br>12:00:00<br>AM | WSRC-RP-94-247  | 10693   | SRS FEDERAL FACILITY AGREEMENT DATA MANAGEMENT PLAN                                                                                  | WSRC           |                                |
| 003153      | 12/10/87<br>12:00:00<br>AM | DOE/EIS-0120,VO | 10693   | WASTE MANAGEMENT ACTIVITIES FOR GROUNDWATER PROTECTION, SAVANNAH RIVER PLANT, AIKEN SC,VOLUME.1                                      | WSRC           |                                |
| 003154      | 12/10/87<br>12:00:00<br>AM | DOE/EIS-0120,VO | 10693   | WASTE MANAGEMENT ACTIVITIES FOR GROUNDWATER PROTECTION, SAVANNAH RIVER PLANT, AIKEN SC,VOLUME.2                                      | WSRC           |                                |
| 003155      | 12/10/87<br>12:00:00<br>AM | DOE/EIS-0120,VO | 10693   | WASTE MANAGEMENT ACTIVITIES FOR GROUNDWATER PROTECTION, SAVANNAH RIVER PLANT, AIKEN SC,VOLUME 3                                      | WSRC           |                                |
| 003157      | 01/11/94<br>12:00:00<br>AM | 441-1005-1      | 10693   | GSC ENVIRONMENTAL LABORATORIES, 1994 FNB WELL SERIES SHELL                                                                           | J. W. TROUTMAN |                                |

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| 003160      | 09/01/89<br>12:00:00<br>AM | SAT22540.03     | 10693   | CONGAREE AQUIFER TEST SAVANNAH RIVER SITE , APRIL 1989                                                                                                                                                       | R. W. ROOT,JR                       | D. E.<br>STEPHENSON                   |
| 003161      | 06/01/94<br>12:00:00<br>AM | DOE/EIS-0203-D  | 10693   | DEPARTMENT OF ENERGY PROGRAMMATIC SPENT NUCLEAR FUEL MANAGEMENT AND USDOE IDAHO NATIONAL ENGINEERING LABORATORY ENVIRONMENTAL RESTORATION AND WASTE MANAGEMENT PROGRAMS DRAFT ENVIRONMENTAL IMPACT STATEMENT |                                     |                                       |
| 003164      | 08/05/96<br>12:00:00<br>AM | OD-96-0023      | 10693   | STATUS OF THE SITEWIDE BACKGROUND STUDY                                                                                                                                                                      | B.T. HENNESSEY                      | K.A.<br>COLLINSWORT<br>CRANE          |
| 003165      | 08/01/96<br>12:00:00<br>AM | OD-96-0023      | 10693   | HISTORICAL AERIAL PHOTOGRAPHY RECONSTRUCTION                                                                                                                                                                 | T. J. TEMPLES                       | J. IRWING                             |
| 003174      | 08/09/96<br>12:00:00<br>AM | DD-96-0220      | 10693   | MODIFICATIONS TO THE FEDERAL FACILITY AGREEMENT FOR THE SAVANNAH RIVER SITE                                                                                                                                  | B. T. HENNESSEY                     | K. A.<br>COLLINSWORT<br>/ J. L. CRANE |
| 003177      | 07/15/96<br>12:00:00<br>AM | DD-96-0306      | 10693   | TRANSMITTAL OF THE SAVANNAH RIVER SITE REVISION.1 COMMUNITY RELATIONS PLAN (WSRC-RP-96-00120) AND RESPONSES TO ENVIRONMENTAL PROTECTION AGENCY-IV AND SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL  | B. T. HENNESSEY                     | K. A.<br>COLLINSWORT<br>/ J. L. CRANE |
| 003178      | 08/08/96<br>12:00:00<br>AM | ESH-CGP-96-0436 | 10693   | PROPOSED AGENDA FOR AUGUST 13, 1996 MEETING                                                                                                                                                                  | J. W. COOK                          | G. K. TAYLOR                          |
| 003179      | 03/30/94<br>01:00:00<br>AM | ESH-ERG-94-0165 | 10693   | SAVANNAH RIVER SITE INVESTIGATION DERIVED WASTE MANAGEMENT PLAN                                                                                                                                              | J. W. COOK                          | H. L. MATHIS                          |
| 003180      | 08/02/96<br>12:00:00<br>AM | ESH-CGP-96-0416 | 10693   | RESPONSE TO GSA SERIES WELL APPROVAL LETTER (OVERCASH TO COOK,6/17/96) WITH JUSTIFICATION OF SURFACE CASING USAGE                                                                                            | J. W. COOK                          | J. OVERCASH                           |
| 003181      | 08/07/96<br>12:00:00<br>AM | ESH-CGP-96-0427 | 10693   | FORMAL SUBMITTAL OF ANALYTICAL DATA FROM HSB-68C DEIONIZED WATER FOR COLLOID TEST SERIES                                                                                                                     | J. W. COOK                          | C. L. DEVLIN                          |
| 003191      | 07/11/96<br>12:00:00<br>AM | 003191          | 10693   | FIVE YEAR REVIEW OF RECORDS OF DECISION                                                                                                                                                                      | J. L. CRANE                         | B. T.<br>HENNESSEY                    |
| 003194      | 07/11/96<br>12:00:00<br>AM | 003194          | 10693   | USEPA/SCDHEC BREAKTHROUGH UPDATE AND MEETING SUMMARY                                                                                                                                                         | K. A. COLLINSWORTH &<br>J. L. CRANE | B. T.<br>HENNESSEY                    |
| 003231      | 08/15/96<br>12:00:00<br>AM | DD-96-0296      | 10693   | REQUEST FOR APPROVAL FROM EPA ON SITE EVALUATION REPORTS                                                                                                                                                     | B. T. HENNESSEY                     | J. L. CRANE                           |
| 003242      | 10/01/92<br>12:00:00<br>AM | WSRC-3Q5,REV.1  | 10693   | HYDROGEOLOGIC DATA COLLECTION, 3Q5                                                                                                                                                                           | WSRC                                |                                       |
| 003253      | 08/28/96<br>12:00:00<br>AM | ESH-CGP-96-0455 | 10693   | SIMILARITIES BETWEEN THE NANOFILTRATION PILOT TEST PROJECT AND PHASE I REMEDIATION                                                                                                                           | J. W. COOK                          | R. J. DEVLIN                          |



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| 003256      | 09/10/96<br>12:00:00<br>AM | DD-96-0303      | 10693   | SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL<br>SUPPORT OF THE FIELD WORK ACTIVITIES FOR THE ENVIRONMENTAL RESTORATION<br>PROGRAM AT THE SAVANNAH RIVER SITE                                     | C. V. ANDERSON                       | J. K. LINDLER                         |
| 003275      | 08/06/96<br>12:00:00<br>AM | SRT-ESS-96-365  | 10693   | PERMEABLE WALL LABORATORY STUDY FINAL REPORT                                                                                                                                                                      | M. A. PHIFER                         | J. E.<br>CARDOSO-NET                  |
| 003279      | 10/01/93<br>12:00:00<br>AM | WSRC-TR-93-214  | 10693   | ASSESSMENT OF TRITIUM IN THE SAVANNAH RIVER SITE ENVIRONMENT                                                                                                                                                      | C. E. MURPHY,JR.,W. H.<br>CARLTON... |                                       |
| 003304      | 08/12/96<br>12:00:00<br>AM | 003304          | 10693   | USEPA NOTICE OF FFA PROJECT MANAGER CHANGE SITEWIDE BACKGROUND STUDY                                                                                                                                              | C. R. FROEDE,JR.                     | B. T.<br>HENNESSEY                    |
| 003305      | 08/13/96<br>12:00:00<br>AM | 003305          | 10693   | USEPA COMMENTS ON THE REVISION.1 COMMUNITY RELATIONS PLAN<br>(WSRC-RP-96-120)                                                                                                                                     | C. A. JONES                          | B. T.<br>HENNESSEY                    |
| 003317      | 08/23/96<br>12:00:00<br>AM | 003317          | 10693   | USEPA AFFIRMATIVE DETERMINATION OF ACCEPTABILITY FOR THE SAVANNAH RIVER<br>SITE TO RECEIVE CERCLA OFF-SITE WASTE                                                                                                  | R. D. GREEN                          | B. T.<br>HENNESSEY                    |
| 003335      | 09/27/96<br>12:00:00<br>AM | 003335          | 10693   | USEPA TRANSMITTAL OF THE UPDATE TO THE INTERCHANGE FILE FORMAT                                                                                                                                                    | J. L. CRANE                          | B. T.<br>HENNESSEY                    |
| 003349      | 09/11/96<br>12:00:00<br>AM | OD-96-0038      | 10693   | DEPARTMENT OF ENERGY - SAVANNAH RIVER OPERATIONS OFFICE OF NOTIFICATION<br>OF THE NUMBER OF SIGNED RECORDS OF DECISION IN FISCAL YEAR 1996                                                                        | B. T. HENNESSEY                      | J. K. LINDER /<br>C. B. WARREN        |
| 003352      | 09/17/96<br>12:00:00<br>AM | OD-96-0067      | 10693   | TRANSMITTAL OF THE APPROVED RCRA/CERCLA IMPLEMENTATION SCHEDULES                                                                                                                                                  | B. T. HENNESSEY                      | K. A.<br>COLLINSWORT<br>/ J. L. CRANE |
| 003356      | 09/19/96<br>12:00:00<br>AM | OD-96-0077      | 10693   | MODIFICATION TO THE FEDERAL FACILITY AGREEMENT FOR THE SAVANNAH RIVER<br>SITE((APPENDIX H: UPDATE BUILDING NUMBERS)                                                                                               | B. T. HENNESSEY                      | K. A.<br>COLLINSWORT<br>/ J. L. CRANE |
| 003358      | 09/20/96<br>12:00:00<br>AM | 003358          | 10693   | INDEPENDENT SCIENTIFIC PEER REVIEW (ISPR) OF SAVANNAH RIVER SITE (SRS)<br>REMEDATION STRATEGY COMMENTS                                                                                                            | T. M. TREGER                         | J. L. CRANE / K.<br>A.<br>COLLINSWORT |
| 003360      | 09/30/96<br>12:00:00<br>AM | OD-96-0051      | 10693   | SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT (FFA) REVISION.0 APPENDIX C,<br>RCRA/CERCLA UNITS (PRINT DATE 09-10-96) AND REVISION.0 APPENDIX G, SITE<br>EVALUATION LIST FOR FISCAL YEAR 1997 (PRINT DATE 09-10-96) | B. T. HENNESSEY                      | J. L. CRANE / K.<br>A.<br>COLLINSWORT |
| 003362      | 09/26/96<br>12:00:00<br>AM | ESH-CGP-96-049E | 10693   | REVISION OF COMPLETION DATE FOR THE COLLOID STUDY TESTING AND REQUEST<br>FOR EXTENSION OF WELL ABANDONMENT SCHEDULE                                                                                               | B. T. HENNESSEY                      | K. A.<br>COLLINSWORT<br>/ J. L. CRANE |
| 003371      | 10/11/96<br>12:00:00<br>AM | ESH-CPG-96-0511 | 10693   | REQUEST FOR CERCLA ACCEPTABILITY DETERMINATION FOR SRS FACILITIES                                                                                                                                                 | J. W. COOK                           | A. R. NEWMAN                          |
| 003375      | 11/15/96<br>12:00:00<br>AM | OD-97-0018      | 10693   | TRANSMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION.0 APPENDIX E,<br>LONG-TERM PROJECTIONS, FOR FISCAL YEAR 1997                                                                                               | B. T. HENNESSEY                      | K. A.<br>COLLINSWORT<br>/ J. L. CRANE |

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| 003381      | 10/29/96<br>01:00:00<br>AM        | ESH-CGP-96-0531 | 10693   | WATER USE REPORT: THIRD QUARTER 1996, SAVANNAH RIVER SITE                                                                                                                                        | J. W. COOK                                       | S. B. ALDER     |
| 003413      | 10/01/96<br>12:00:00 REV. 1<br>AM | WSRC-RP-96-234  | 10693   | RCRA FACILITY INVESTIGATION REMEDIAL INVESTIGATION WORK PLAN FOR SAFETY, HEALTH, AND EMERGENCY RESPONSE PLAN (SHERP), QUALITY ASSURANCE/QUALITY CONTROL (QA/QC) AND DATA MANAGEMENT REQUIREMENTS | WSRC                                             |                 |
| 003418      | 09/01/96<br>12:00:00 REV.0<br>AM  | WSRC-RP-96-847  | 10693   | TECHNICAL BASIS FOR PROPOSED MODIFICATIONS TO THE GROUNDWATER MONITORING PROGRAM                                                                                                                 | WSRC                                             |                 |
| 003420      | 08/01/96<br>12:00:00<br>AM        | 003420          | 10693   | TOXICOLOGICAL PROFILE FOR DIAZINON                                                                                                                                                               | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                 |
| 003421      | 08/01/96<br>12:00:00<br>AM        | 003421          | 10693   | TOXICOLOGICAL PROFILE FOR 1, 1, 2, 2-TETRACHLOROETHANE                                                                                                                                           | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                 |
| 003422      | 08/01/96<br>12:00:00<br>AM        | 003422          | 10693   | TOXICOLOGICAL PROFILE FOR 1, 2-DICHLOROETHENE                                                                                                                                                    | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                 |
| 003423      | 08/01/96<br>12:00:00<br>AM        | 003423          | 10693   | TOXICOLOGICAL PROFILE FOR CARBON DISULFIDE                                                                                                                                                       | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                 |
| 003424      | 08/01/96<br>12:00:00<br>AM        | 003424          | 10693   | TOXICOLOGICAL PROFILE FOR HEXACHLOROBENZENE                                                                                                                                                      | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                 |
| 003425      | 08/01/96<br>12:00:00<br>AM        | 003425          | 10693   | TOXICOLOGICAL PROFILE FOR TOXAPHENE                                                                                                                                                              | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                 |
| 003426      | 08/01/96<br>12:00:00<br>AM        | 003426          | 10693   | TOXICOLOGICAL PROFILE FOR ENDRIN AND ENDRIN ALDEHYDE                                                                                                                                             | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                 |
| 003427      | 08/01/96<br>12:00:00<br>AM        | 003427          | 10693   | TOXICOLOGICAL PROFILE FOR SELENIUM                                                                                                                                                               | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                 |
| 003428      | 08/01/96<br>12:00:00<br>AM        | 003428          | 10693   | TOXICOLOGICAL PROFILE FOR CROSOTE                                                                                                                                                                | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                 |
| 003433      | 01/01/96<br>12:00:00<br>AM        | 003433          | 10693   | U.S. DEPARTMENT OF ENERGY SAVANNAH RIVER OPERATIONS OFFICE SAVANNAH RIVER SITE FUTURE USE PROJECT REPORT, STAKEHOLDER RECOMMENDATIONS FOR SRS LAND AND FACILITIES                                | DOE-SR                                           |                 |
| 003434      | 04/01/96<br>01:00:00<br>AM        | 003434          | 10693   | CHARTING THE COURSE - THE FUTURE USE REPORT                                                                                                                                                      | US DEPARTMENT OF ENERGY                          |                 |
| 003438      | 11/27/96<br>12:00:00<br>AM        | 003438          | 10693   | NEW USEPA RPM ASSIGNMENTS - SAVANNAH RIVER SITE                                                                                                                                                  | J. L. CRANE                                      | B. T. HENNESSEY |

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| 003441      | 09/27/94<br>12:00:00<br>AM | WSRC-TR-94-018 | 10693   | RISK-BASED PRELIMINARY REMEDIATION GOALS FOR RADIONUCLIDES: SCOPING PHASE CALCULATIONS                                                                                                                              | WSRC                |                                     |
| 003442      | 06/30/94<br>12:00:00<br>AM | WSRC-TR-94-018 | 10693   | RISK-BASED PRELIMINARY REMEDIATION GOALS FOR RADIONUCLIDES: SCOPING PHASE CALCULATIONS                                                                                                                              | WSRC                |                                     |
| 003443      | 10/20/95<br>12:00:00<br>AM | 003443         | 10693   | RISK-BASED CONCENTRATION TABLE, JULY - DECEMBER 1995                                                                                                                                                                | US EPA              |                                     |
| 003444      | 11/25/96<br>12:00:00<br>AM | OD-97-0033     | 10693   | TRANSMITTAL OF THE FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 1996 AND THE ADMINISTRATIVE RECORD FILE INDICES                                                                                | B. T. HENNESSEY     | K. A. COLLINSWORTH<br>/ J. L. CRANE |
| 003445      | 11/26/96<br>12:00:00<br>AM | WSRC-RP-96-115 | 10693   | FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 1996                                                                                                                                              | WSRC                |                                     |
| 003454      | 11/21/96<br>12:00:00<br>AM | ESH-CGP-96-055 | 10693   | SUBMITTAL LETTER FOR THE REMOVAL ACTION REPORT                                                                                                                                                                      | J. W. COOK          | K. A. COLLINSWORTH<br>/ J. L. CRANE |
| 003456      | 11/27/96<br>12:00:00<br>AM | OD-97-0035     | 10693   | TRANSMITTAL OF THE CONTAMINANT MIGRATION PROTOCOL                                                                                                                                                                   | B. T. HENNESSEY     | K. A. COLLINSWORTH<br>/ J. L. CRANE |
| 003457      | 10/02/96<br>12:00:00<br>AM | 003457         | 10693   | TECHNOLOGY DEMONSTRATION AGREEMENT BETWEEN US EPA , SCDHEC AND USDOE -SR ON TECHNOLOGY DEMONSTRATIONS AT HAZARDOUS WASTE UNITS AT THE SAVANNAH RIVER SITE                                                           | TRI-PARTY AGREEMENT |                                     |
| 003470      | 12/19/96<br>12:00:00<br>AM | OD-97-0104     | 10693   | TRANSMITTAL OF THE MATERIALS AGREED TO AT THE DECEMBER 5, 1996 FFA PROCESS IMPROVEMENT TEAM MEETING, REVISED RFI/RI AND BASELINE RISK ASSESSMENT SCOPING OUTLINE, REVISED CMS/FS AND STATEMENT OF                   | B. T. HENNESSEY     | K. A. COLLINSWORTH<br>/ J. L. CRANE |
| 003471      | 12/19/96<br>12:00:00<br>AM | OD-97-0105     | 10693   | TRANSMITTAL OF THE SAVANNAH RIVER SITE LEGACY COVERAGES                                                                                                                                                             | B. T. HENNESSEY     | K. A. COLLINSWORTH<br>/ J. L. CRANE |
| 003498      | 08/21/96<br>12:00:00<br>AM | 003498         | 10693   | SCDHEC COMMENTS ON SAVANNAH RIVER SITE RCRA FACILITY INVESTIGATION / REMEDIAL INVESTIGATION (RFI/RI) WORK PLAN SHERP (SAFETY, HEALTH, EMERGENCY RESPONSE PLAN) , QA/QC AND DATA MANAGEMENT REQUIREMENTS (U)         | K.A. COLLINSWORTH   | B.T. HENNESSEY                      |
| 003505      | 08/09/96<br>12:00:00<br>AM | 003505         | 10693   | FEDERAL FACILITY AGREEMENT MODIFICATION REQUEST DATED AUGUSTA 9, 1996 SECTIONS REQUESTED FOR MODIFICATION INTRODUCTION, II, IV, X, XV, XVI, XXXII.C, XXII.G, XXVII, XIX, XL, APPENDIX A, APPENDIX D, AND APPENDIX H | B.T. HENNESSEY      |                                     |
| 003506      | 09/18/96<br>12:00:00<br>AM | 003506         | 10693   | FFA MODIFICATIONS                                                                                                                                                                                                   | B.T. HENNESSEY      |                                     |
| 003511      | 09/16/96<br>12:00:00<br>AM | OD-96-0045     | 10693   | REQUEST FOR CLARIFICATION ON ENVIRONMENTAL PROTECTION AGENCY - REGION IV INTERCHANGE FILE FORMAT (IFF)                                                                                                              | B.T. HENNESSEY      | J.L. CRANE                          |
| 003512      | 10/03/96<br>12:00:00<br>AM | OD-96-0140     | 10693   | SITEWIDE SURFACE SOILS STRATEGY                                                                                                                                                                                     | B.T. HENNESSEY      | K.A. COLLINSWORTH                   |

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| 003513      | 10/03/96<br>12:00:00<br>AM | OD-96-0066      | 10693   | TRANSMITTAL OF THE FEDERAL FACILITY AGREEMENT INTERIM APPENDIX D, TIMETABLES AND DEADLINES FOR FISCAL YEAR 1997                                                                               | B.T. HENNESSEY     | K.A. COLLINSWORTH                |
| 003514      | 10/04/96<br>12:00:00<br>AM | OD-96-0087      | 10693   | DRAFT DOCUMENT SCOPING TEMPLATES AND THE DRAFT REMEDIAL GOAL OPTIONS PAPER                                                                                                                    | B.T. HENNESSEY     | K.A. COLLINSWORTH                |
| 003516      | 10/23/96<br>12:00:00<br>AM | OD-97-002       | 10693   | IMPLEMENTATION OF THE RCRA PERMITTING REQUIREMENTS FOR RCRA/CERCLA UNITS AT THE SAVANNAH RIVER SITE                                                                                           | B.T. HENNESSEY     | K.A. COLLINSWORTH                |
| 003517      | 10/31/96<br>01:00:00<br>AM | OD-97-0007      | 10693   | TRANSMITTAL OF THE REVISION.0 SAVANNAH SITE RIVER FIVE YEAR REVIEW OF RECORDS OF DECISION REPORT                                                                                              | B.T. HENNESSEY     | K.A. COLLINSWORTH / J.L. CRANE   |
| 003518      | 11/12/96<br>12:00:00<br>AM | OD-97-0026      | 10693   | TRANSMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISED INTERIM APPENDIX D, TIMETABLES AND DEADLINES FOR FISCAL YEAR 1997                                                                       | B.T. HENNESSEY     | K.A. COLLINSWORTH / J.L. CRANE   |
| 003524      | 10/01/96<br>12:00:00<br>AM | WSRC-RP-96-551  | 10693   | SAVANNAH RIVER SITE FIVE YEAR REVIEW OF RECORDS OF DECISION REPORT                                                                                                                            | WSRC               |                                  |
| 003525      | 12/19/96<br>12:00:00<br>AM | OD-97-0099      | 10693   | STATUS OF SAVANNAH RIVERS SITE (SRS) ENVIRONMENTAL RESTORATION (ER) PROGRAM FUNDING                                                                                                           | B. T. HENNESSEY    | K. A. COLLINSWORTH / J. L. CRANE |
| 003527      | 12/13/96<br>12:00:00<br>AM | ESH-CGP-96-0586 | 10693   | REVISION OF COMPLETION DATE FOR COLLOID STUDY TESTING, AND REQUEST FOR EXTENSION WELL ABANDONMENT SCHEDULE                                                                                    | J. W. COOK         | C. L. DEVLIN                     |
| 003529      | 12/17/96<br>12:00:00<br>AM | OD-97-0101      | 10693   | TRANSMITTAL OF THE REVISED FFA IMPLEMENTATION PLAN                                                                                                                                            | B. T. HENNESSEY    | K. A. COLLINSWORTH / J.L. CRANE  |
| 003530      | 01/14/97<br>12:00:00<br>AM | OD-97-0043      | 10693   | SAVANNAH RIVER SITE ACCESS PROTOCOL                                                                                                                                                           | B. T. HENNESSEY    | K. A. COLLINSWORTH / J. L. CRANE |
| 003534      | 01/13/97<br>12:00:00<br>AM | OD-97-0125      | 10693   | SUBMITTAL OF THE REVISION.0 ALTERNATIVE SCREENING REPORT - RADIOACTIVE SOILS/DEBRIS CONSOLIDATION FACILITY (WSRC-RP-96-893, REV.0)                                                            | B. T. HENNESSEY    | K. A. COLLINSWORTH / J. L. CRANE |
| 003544      | 12/31/96<br>12:00:00<br>AM | 003544          | 10693   | SCDHEC COMMENTS ON THE FEDERAL FACILITY AGREEMENT REVISION.0 APPENDIX E FOR FISCAL YEAR 1997 (FY97), DATED NOVEMBER 15, 1996                                                                  | K. A. COLLINSWORTH | B. T. HENNESSEY                  |
| 003553      | 11/25/96<br>12:00:00<br>AM | 003553          | 10693   | SCDHEC COMMENTS ON THE IMPLEMENTATION OF THE RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) PERMITTING REQUIREMENTS FOR RCRA/COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY | S. SHERRITT        | B. T. HENNESSEY                  |
| 003555      | 12/20/96<br>12:00:00<br>AM | 003555          | 10693   | SCDHEC APPROVAL OF THE FEDERAL FACILITY AGREEMENT IMPLEMENTATION PLAN (WSRC-RP-94-1200), REVISION.0 DATED DECEMBER 18, 1996                                                                   | K. A. COLLINSWORTH | B. T. HENNESSEY                  |
| 003556      | 12/13/96<br>12:00:00<br>AM | 003556          | 10693   | SCDHEC APPROVAL OF THE SAVANNAH RIVER SITE RCRA FACILITY INVESTIGATION/REMEDIAL INVESTIGATION (RFI/RI) WORK PLAN SHERP (SAFETY, HEALTH, EMERGENCY RESPONSE PLAN), QA/QC AND DATA MANAGEMENT   | K. A. COLLINSWORTH | B. T. HENNESSEY                  |

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| 003568      | 12/03/96<br>12:00:00<br>AM | 003568                          | 10693   | CONTAMINANT MIGRATION PROTOCOL                                                                                                                                                                                  | K. A. COLLINSWORTH | B. T. HENNESSEY            |
| 003573      | 12/05/96<br>12:00:00<br>AM | 003573                          | 10693   | USEPA COMMENTS ON THE CONTAMINANT SOIL MIGRATION PROTOCOL (10-23-96 DRAFT)                                                                                                                                      | J. L. CRANE        | B. T. HENNESSEY            |
| 003574      | 12/20/96<br>12:00:00<br>AM | 003574                          | 10693   | USEPA COMMENTS ON THE FISCAL YEAR 1997 APPENDIX E REVISION.0 FFA FEDERAL FACILITY AGREEMENT                                                                                                                     | J. L. CRANE        | B. T. HENNESSEY            |
| 003575      | 12/17/96<br>12:00:00<br>AM | 003575                          | 10693   | USEPA COMMENTS ON THE RIVER WATER DISTRIBUTION SYSTEM DRAFT ENVIRONMENTAL IMPACT STATEMENT (EIS) DOE/EIS-0268D, NOVEMBER 1996                                                                                   | J. L. CRANE        | B. T. HENNESSEY            |
| 003577      | 12/17/96<br>12:00:00<br>AM | 003577                          | 10693   | USEPA COMMENTS ON THE SOIL CONSOLIDATION FACILITY ARARS ANALYSIS                                                                                                                                                | J. L. CRANE        | B. T. HENNESSEY            |
| 003581      | 12/20/96<br>12:00:00<br>AM | 003581                          | 10693   | USEPA APPROVAL OF THE FEDERAL FACILITY AGREEMENT IMPLEMENTATION PLAN WSRC-RP-94-1200, REVISION.0 DECEMBER 18, 1996                                                                                              | J. L. CRANE        | B. T. HENNESSEY            |
| 003582      | 11/13/96<br>12:00:00<br>AM | 003582                          | 10693   | USEPA RESPONSE TO DOE LETTER DATED 8/16/96 REGARDING THE EPA INTERCHANGE FILE FORMAT (IFF)                                                                                                                      | J. L. CRANE        | B. T. HENNESSEY            |
| 003588      | 05/31/93<br>12:00:00<br>AM | WSRC-RP-93-742, 10693<br>REV.0  |         | PREScore HAZARD RANKING SYSTEM (HRS): HRS SCORES FOR CURRENT ENVIRONMENTAL RESTORATION DEPARTMENT WASTE UNITS VOLUME I                                                                                          | WSRC               |                            |
| 003589      | 05/31/93<br>12:00:00<br>AM | WSRC-RP-93-742, 10693<br>REV.0  |         | PREScore HAZARD RANKING SYSTEM (HRS): HRS SCORES FOR CURRENT ENVIRONMENTAL RESTORATION DEPARTMENT WASTE UNITS VOLUME II                                                                                         | WSRC               |                            |
| 003605      | 01/27/97<br>12:00:00<br>AM | OD-97-0116                      | 10693   | TRANSMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION.0 APPENDIX D FOR FISCAL YEAR 1997                                                                                                                        | B. T. HENNESSEY    | K. A. COLLINSWORTH         |
| 003612      | 02/06/97<br>12:00:00<br>AM | ESH-CGP-97-0037                 | 10693   | WATER USE REPORT: FOURTH QUARTER 1996, SAVANNAH RIVER SITE                                                                                                                                                      | J. W. COOK         | L. CRANE<br>SUSAN B. ALDER |
| 003625      | 01/03/97<br>12:00:00<br>AM | 003625                          | 10693   | SCDHEC COMMENTS ON SITEWIDE SURFACE SOILS STRATEGY LETTER FROM BRIAN T. HENNESSEY (DOE, FFA, PROJECT MANAGER) TO KEITH COLLINSWORTH (SCDHEC, FFA PROJECT MANAGER) DATED OCTOBER 3, 1996                         | K. A. COLLINSWORTH | B. T. HENNESSEY            |
| 003645      | 01/22/97<br>12:00:00<br>AM | 003645                          | 10693   | USEPA COMMENTS ON THE FFA APPENDICES C AND G (PRINT DATE: 9/10/96) REVISION.0 REVIEW COMMENTS SAVANNAH RIVER SITE                                                                                               | J. L. CRANE        | B. T. HENNESSEY            |
| 003652      | 01/31/97<br>12:00:00<br>AM | OD-97-0110                      | 10693   | TRANSMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION.1 APPENDIX E FOR FISCAL YEAR 1997 AND RESPONSES TO ENVIRONMENTAL PROTECTION AGENCY - REGION IV AND SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL | B. T. HENNESSEY    | K. A. COLLINSWORTH         |
| 003662      | 12/18/96<br>12:00:00<br>AM | WSRC-RP-94-1200, 10693<br>REV.0 |         | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT (FFA) IMPLEMENTATION PLAN (FIP)                                                                                                                                  | WSRC               | CRANE                      |

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| 003667      | 02/10/97 12:00:00 AM | OD-97-0148            | 10693   | RECOMMENDATION TO TRANSFER SITE EVALUATION AREAS TO APPENDIX C OF THE FEDERAL FACILITY AGREEMENT (FFA) WITHOUT A SITE EVALUATION REPORT (REF., CRANE TO HENNESSEY, "SUBJ: APPENDICES C AND G, (PRINT DATE: 9/10/96), | B.T. HENNESSEY               | K.A. COLLINSWORTH  |
| 003681      | 02/28/97 12:00:00 AM | OD-97-0193            | 10693   | TRANSMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION.1 APPENDIX D FOR FISCAL YEAR 1997 AND RESPONSES TO SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL COMMENTS ON THE REVISION.0 APPENDIX D FOR    | B.T. HENNESSEY               | K. A. COLLINSWORTH |
| 003688      | 03/06/97 12:00:00 AM | DD-97-0191            | 10693   | SUBMITTAL OF THE REVISION.1 FFA IMPLEMENTATION PLAN                                                                                                                                                                  | B. T. HENNESSEY              | K.A. COLLINSWORTH  |
| 003715      | 01/01/97 12:00:00 AM | WSRC-RP-96-893, REV.0 | 10693   | ALTERNATIVE SCREENING REPORT RADIOACTIVE SOILS/DEBRIS CONSOLIDATION FACILITY                                                                                                                                         | WSRC                         | CRANE              |
| 003742      | 03/25/97 01:00:00 AM | ESH-CGP-97-0086       | 10693   | REVISION TO SAMPLING PROPOSAL IN SRS RESPONSE TO COMMENTS: NANOFILTRATION DEMONSTRATION II                                                                                                                           | J.W. COOK                    | ROBERT J. DEVLIN   |
| 003746      | 04/14/97 12:00:00 AM | OD-97-0255            | 10693   | TRANSMITTAL OF THE FEDERAL FACILITY AGREEMENT ON CD                                                                                                                                                                  | B. T. HENNESSEY              | K.A. COLLINSWORTH  |
| 003772      | 02/11/97 12:00:00 AM | 003772                | 10693   | USEPA APPROVAL OF REV.0 FY 97 APPENDIX D (PRINT DATE: 01/20/97) SAVANNAH RIVER SITE                                                                                                                                  | J. L. CRANE                  | B.T. HENNESSEY     |
| 003792      | 02/18/97 12:00:00 AM | 003792                | 10693   | SCDHEC COMMENTS ON APPENDIX D (REV.0) FOR FISCAL YEAR 1997 AND ASSOCIATED ENCLOSURES, DATED JANUARY 27, 1997                                                                                                         | K.A. COLLINSWORTH            | B.T. HENNESSEY     |
| 003794      | 02/10/97 12:00:00 AM | 003794                | 10693   | SCDHEC COMMENTS ON REVISION 1 COMMUNITY RELATIONS PLAN (CRP) (WSRC-RP-96-00120), DATED JULY 1996                                                                                                                     | K.A. COLLINSWORTH            | B.T. HENNESSEY     |
| 003817      | 04/01/97 01:00:00 AM | 003817                | 10693   | USEPA AND SCDHEC COMMENTS ON FEDERAL FACILITY AGREEMENT REVISION 1 APPENDIX E FOR FISCAL YEAR 1997 (FY97) (PRINT DATE 01/22/97)                                                                                      | K.A. COLLINSWORTH/J.L. CRANE | B.T. HENNESSEY     |
| 003827      | 04/24/97 12:00:00 AM | OD-97-0267            | 10693   | SUBMITTAL OF ANALYTICAL DATA AND REPORTS PER APPENDIX J                                                                                                                                                              | B.T. HENNESSEY               | K. A. COLLINSWORTH |
| 003849      | 05/01/97 12:00:00 AM | OD-97-0264            | 10693   | PROPOSED COMPLETION SCHEDULE AND PRIORITIZATION OF THE FFA IMPLEMENTATION PLAN SECTION 7.0 BIN LIST ITEM (U)                                                                                                         | B.T. HENNESSEY               | / J. L. CRANE      |
| 003862      | 04/20/99             | DPSP-88-1002          | 10693   | TECHNICAL SUMMARY OF GROUNDWATER QUALITY PROTECTION PROGRAM AT THE SAVANNAH RIVER SITE (1952-1986) VOLUME I                                                                                                          | WSRC                         | K.A COLLINSWORTH   |
| 003863      | 11/01/91 01:00:00 AM | DPSP-88-1002          | 10693   | TECHNICAL SUMMARY OF GROUNDWATER QUALITY PROTECTION PROGRAM AT THE SAVANNAH RIVER SITE (1952-1986) VOLUME II                                                                                                         | WSRC                         | CRANE              |
| 003868      | 05/12/97 12:00:00 AM | ESH-CGP-97-0151       | 10693   | SUBMITTAL OF CONFIRMATION SAMPLING RESULTS FOR ELEVATED APPENDIX IX RESULTS FROM 1996 SAMPLING                                                                                                                       | J. W. COOK                   | C. L. DEVLIN       |

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| 003877      | 05/01/97 12:00:00 AM | WSRC-RP-96-893, REV.1 | 10693   | ALTERNATIVE SCREENING REPORT RADIOACTIVE SOILS/DEBRIS CONSOLIDATION FACILITY/OFF UNIT DISPOSAL                                                                                                          | WSRC                         |                                 |
| 003879      | 04/01/97 01:00:00 AM | WSRC-TR-97-005        | 10693   | ANNUAL RADIOACTIVE WASTE TANK INSPECTION PROGRAM - 1996                                                                                                                                                 | WSRC                         |                                 |
| 003898      | 04/28/97 12:00:00 AM | OD-97-0269            | 10693   | RECOVERY STRATEGY SUBMITTAL INCLUDED: SUMMARY OF UNITS REQUIRING RECOVERY, RECOVERY EVALUATION SHEETS, DOCUMENT PROTOCOL MATRIX, AND SUMMARY OF MILESTONES THROUGH 5/31/97 SUBJECT TO RECOVERY STRATEGY | B. T. HENNESSEY              | K. A. COLLINSWORT / J. L. CRANE |
| 003902      | 05/27/97 12:00:00 AM | OD-97-0305            | 10693   | SUBMITTAL OF THE REVISION.1 ALTERNATIVE SCREENING REPORT - RADIOACTIVE SOILS/DEBRIS CONSOLIDATION FACILITY/OFF-UNIT DISPOSAL (WSRC-RP-96-893)                                                           | B. T. HENNESSEY              | K. A. COLLINSWORT / J. L. CRANE |
| 003907      | 05/27/97 12:00:00 AM | OD-97-0259            | 10693   | TRANSMITTAL OF DECEMBER 19, 1996 FEDERAL FACILITY AGREEMENT (FFA) PROJECT MANAGERS MEETING RECORD                                                                                                       | B. T. HENNESSEY              | K. A. COLLINSWORT / J. L. CRANE |
| 003908      | 05/27/97 12:00:00 AM | OD-97-0260            | 10693   | TRANSMITTAL OF FEBRUARY 18, 1997 FEDERAL FACILITY AGREEMENT (FFA) PROJECT MANAGERS MEETING RECORD                                                                                                       | B. T. HENNESSEY              | K. A. COLLINSWORT / J. L. CRANE |
| 003909      | 05/27/97 12:00:00 AM | OD-97-0258            | 10693   | TRANSMITTAL OF NOVEMBER 21, 1996 FEDERAL FACILITY AGREEMENT (FFA) PROJECT MANAGERS MEETING RECORD                                                                                                       | B. T. HENNESSEY              | K. A. COLLINSWORT / J. L. CRANE |
| 003913      | 06/02/97 12:00:00 AM | OD-97-0005            | 10693   | RESPONSE TO COMMENTS RECEIVED ON THE SITE EVALUATION REPORTS REGARDING THE TRACKING OF AREAS FOR FURTHER EVALUATION                                                                                     | B. T. HENNESSEY              | S. L. SIMONS                    |
| 003944      | 06/19/97 12:00:00 AM | OD-97-0341            | 10693   | NOTIFICATION OF THE CHANGE OF THE ENVIRONMENTAL RESTORATION ENVIRONMENTAL COMPLIANCE MANAGER                                                                                                            | B. T. HENNESSEY              | K. A. COLLINSWORT / J. L. CRANE |
| 003947      | 07/02/97 12:00:00 AM | OD-97-0331            | 10693   | SUBMITTAL OF DRAFT FFA IMPLEMENTATION BIN LIST ITEMS - DRAFT PROTOCOL FOR ROUTINE CORRESPONDENCE, DRAFT OUTLINE FOR THE STATEMENT OF BASIS/PROPOSED PLAN, DRAFT OUTLINE FOR THE CORRECTIVE MEASURES     | B. T. HENNESSEY              | K. A. COLLINSWORT / J. L. CRANE |
| 003949      | 07/18/97 12:00:00 AM | OD-97-0355            | 10693   | SUBMITTAL OF THE REVISION.1 FY 1997 APPENDIX D (PRINT DATE 07/07/97)                                                                                                                                    | B. T. HENNESSEY              | K. A. COLLINSWORT / J. L. CRANE |
| 003951      | 07/14/97 12:00:00 AM | OD-97-0378            | 10693   | TRANSMITTAL OF THE REVISED RECOVERY STRATEGY AND RESPONSES TO COMMENTS RECEIVED ON THE APRIL 28, 1997 RECOVERY STRATEGY SUBMITTAL AND THE RECOVERY IMPLEMENTATION SCHEDULES REQUIRING APPROVAL          | B. T. HENNESSEY              | J. K. LINDLER / C. B. WARREN    |
| 003954      | 05/29/97 12:00:00 AM | 003954                | 10693   | USEPA AND SCDHEC COMBINED COMMENTS ON THE RECOVERY STRATEGY (DOE LETTER OF 4/28/97) AND FFA IMPLEMENTATION PLAN "BIN LIST" PRIORITIZATION (DOE LETTER OF 5/1/97)                                        | C. B. WARREN & J. K. LINDLER | C. V. ANDERSON                  |
| 003966      | 06/04/97 12:00:00 AM | 003966                | 10693   | USEPA INQUIRY INTO PROCESS OF TECHNOLOGY DEMONSTRATION AGREEMENT AND TECHNOLOGY IMPLEMENTATION                                                                                                          | C. A. JONES                  | B. T. HENNESSEY                 |
| 003970      | 06/02/97 12:00:00 AM | 003970                | 10693   | USEPA CONDITIONAL APPROVAL WITH COMMENTS OF THE REVISION.1 FY 97 APPENDIX D (PRINT DATE 2/27/97) AND SCHEDULES                                                                                          | J. L. CRANE                  | B,T. HENNESSEY                  |

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| 003988      | 05/21/97 12:00:00 AM | 003988                | 10693   | SCDHEC CONCURRENCE WITH THE FEDERAL FACILITY AGREEMENT (FFA) APPENDIX C REVISION 0 FOR THE FISCAL YEAR 1997 AND FFA APPENDIX G REVISION 0 FOR THE FISCAL YEAR 1997 DATED SEPTEMBER 30, 1996                                  | K. A. COLLINSWORTH               | B. T. HENNESSEY                  |
| 004000      | 06/18/97 12:00:00 AM | 004000                | 10693   | SCDHEC CONCURRENCE ON THE APPENDIX D REVISION.1 FOR THE FISCAL YEAR 1997 AND ASSOCIATED ENCLOSURES DATED FEBRUARY 28, 1997                                                                                                   | K. A. COLLINSWORTH               | B. T. HENNESSEY                  |
| 004004      | 06/16/97 12:00:00 AM | 004004                | 10693   | SCDHEC AND USEPA CONSENSUS OF THEIR POSITION ON PROTOCOLS AFFECTING THE IMPLEMENTATION OF THE FFA (FORMAT AND REVIEW OF FFA PRIMARY DOCUMENTS AND OPERABLE UNIT MANAGEMENT)                                                  | K. A. COLLINSWORTH & J. L. CRANE | B. T. HENNESSEY                  |
| 004006      | 06/26/97 12:00:00 AM | 004006                | 10693   | SCDHEC NOTIFICATION OF THE CHANGE IN ATTACHMENT 2 (NUMBER OF COPIES REQUIRED) OF THE FFA IMPLEMENTATION PLAN (FIP)                                                                                                           | K. A. COLLINSWORTH               | B. T. HENNESSEY                  |
| 004009      | 05/06/97 12:00:00 AM | 004009                | 10693   | SCDHEC TRANSMITTAL OF THE SIGNED TECHNOLOGY DEMONSTRATION AGREEMENT (( INITIATIVE) BETWEEN EPA, SCDHEC AND DOE ON TECHNOLOGY DEMONSTRATIONS AT HAZARDOUS WASTE UNITS AT THE SAVANNAH RIVER SITE                              | K. A. COLLINSWORTH               | B. T. HENNESSEY                  |
| 004024      | 07/14/97 12:00:00 AM | OD-97-0338            | 10693   | TRANSMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISED REVISION.1 APPENDIX E FOR FISCAL YEAR 1997 (PRINT DATE 07-14-97) AND RESPONSE TO EPA AND SCDHEC COMMENTS ON THE REVISION.1 APPENDIX E FOR FISCAL YEAR 1997 (PRINT DATE | C. V. ANDERSON                   | J. K. LINDLER / C. B. WARREN     |
| 004027      | 06/01/93 12:00:00 AM | WSRC-RP-93-887        | 10693   | EXPERIMENTAL SEWAGE SLUDGE LAND APPLICATION SITES GROUNDWATER MONITORING SUMMARY                                                                                                                                             | WSRC                             |                                  |
| 004030      | 05/31/89 12:00:00 AM | DP-1763               | 10693   | FOREST LAND APPLICATION OF SEWAGE SLUDGE ON THE SAVANNAH RIVER PLANT                                                                                                                                                         | WSRC                             |                                  |
| 004031      | 09/01/93 12:00:00 AM | ESH-EMS-930261        | 10693   | ENVIRONMENTAL PROTECTION DEPARTMENT'S WELL INVENTORY THROUGH THE SECOND QUARTER OF 1993                                                                                                                                      | WSRC                             |                                  |
| 004036      | 06/25/85 12:00:00 AM | DP-MS-85-59           | 10693   | EFFECT OF TWO SEWAGE SLUDGE SOURCES ON ELEMENT FLUX IN SOIL SOLUTION OF LOBLOLLY PINE PLANTATIONS                                                                                                                            | DUPONT,US FOREST SERVICES        |                                  |
| 004037      | 10/11/84 12:00:00 AM | REF-ER-001            | 10693   | TOUR OF SEWAGE SLUDGE STUDIES ON SAVANNAH RIVER PLAN                                                                                                                                                                         | E. I. DUPONT                     |                                  |
| 004057      | 07/15/97 12:00:00 AM | K-CLC-G-00023, REV.2  | 10693   | RISK-BASED ACTIVITY CALCULATIONS FOR RADIONUCLIDES                                                                                                                                                                           | WSRC                             |                                  |
| 004064      | 06/01/97 12:00:00 AM | WSRC-RP-97-403, REV.0 | 10693   | SAVANNAH RIVER SITE FIVE-YEAR REVIEW OF RECORDS OF DECISION REPORT                                                                                                                                                           | WSRC                             |                                  |
| 004077      | 07/23/97 12:00:00 AM | 004077                | 10693   | USEPA CONCURRENCE WITH SCDHEC DECISION TO INCLUDE SITE EVALUATIONS ON THE APPENDIX C OR G.2 (MULTIPLE SITE LISTED)                                                                                                           | J. L. CRANE                      | B. T. HENNESSEY                  |
| 004100      | 07/31/97 12:00:00 AM | OD-97-0352            | 10693   | TRANSMITTAL OF THE FIVE-YEAR REVIEW OF RECORDS OF DECISION REPORT WSRC-RP-97-403                                                                                                                                             | B. T. HENNESSEY                  | K. A. COLLINSWORTH / J. L. CRANE |



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| 004128      | 08/15/97<br>12:00:00<br>AM | OD-97-0411            | 10693   | SUBMITTAL OF RESPONSES TO COMMENTS FOR THE HYDROGEOLOGIC DATA COLLECTION (WSRC-3Q5) MANUAL                                                                                                                                | B. T. HENNESSEY                  | C. A. JONES                      |
| 004129      | 08/25/97<br>12:00:00<br>AM | OD-97-0275            | 10693   | SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT (FFA) REVISION.1 APPENDIX C, RCRA/CERCLA UNITS (PRINT DATE 08/06/97), REVISION.1 APPENDIX G, SITE EVALUATION LIST FOR FISCAL YEAR 1997 (PRINT DATE 08/06/97) AND RESPONSES TO | B. T. HENNESSEY                  | K. A. COLLINSWORTH / J. L. CRANE |
| 004130      | 08/22/97<br>12:00:00<br>AM | OD-97-0436            | 10693   | RESOLUTION OF ISSUES REGARDING SAVANNAH RIVER SITE (SRS) REMOVAL ACTIONS                                                                                                                                                  | B. T. HENNESSEY                  | K. A. COLLINSWORTH / J. L. CRANE |
| 004132      | 08/18/97<br>12:00:00<br>AM | ESH-CGP-97-0246       | 10693   | RESULTS OF INITIAL BATCH SAMPLE FROM H-AREA INJECTION                                                                                                                                                                     | J. W. COOK                       | R. J. DEVLIN                     |
| 004144      | 08/22/97<br>12:00:00<br>AM | WSRC-RP-97-427, REV.0 | 10693   | ENVIRONMENTAL RESTORATION DIVISION RADIOLOGICALLY CONTAMINATED VEGETATION ALTERNATIVE SCREENING REPORT                                                                                                                    | WSRC                             |                                  |
| 004145      | 09/01/94<br>12:00:00<br>AM | ESH-EMS-94-0518       | 10693   | EPD WELL INVENTORY SECOND QUARTER 1994                                                                                                                                                                                    | WSRC                             |                                  |
| 004154      | 11/01/96<br>01:00:00<br>AM | 004154                | 10693   | PRELIMINARY BACKGROUND SOILS STUDY REPORT                                                                                                                                                                                 | DOE                              |                                  |
| 004159      | 08/26/97<br>12:00:00<br>AM | OD-97-0420            | 10693   | SUBMITTAL OF THE POST CONSTRUCTION REPORT OUTLINE                                                                                                                                                                         | B. T. HENNESSEY                  | K. A. COLLINSWORTH / J. L. CRANE |
| 004163      | 09/05/97<br>12:00:00<br>AM | OD-97-0423            | 10693   | RCRA FACILITY INVESTIGATION / REMEDIAL INVESTIGATION (RFI/RI) / BASELINE RISK ASSESSMENT REPORT DOCUMENT SCOPING CHECKLIST                                                                                                | B. T. HENNESSEY                  | K. A. COLLINSWORTH / J. L. CRANE |
| 004167      | 09/08/97<br>12:00:00<br>AM | OD-97-0421            | 10693   | BACKGROUND SOILS STUDY MEETING MINUTES AND ADDITIONAL COPIES OF THE PRELIMINARY SOILS BACKGROUND STUDY REPORT                                                                                                             | B. T. HENNESSEY                  | K. A. COLLINSWORTH / J. L. CRANE |
| 004175      | 09/05/97<br>12:00:00<br>AM | 004175                | 10693   | USEPA AND SCDHEC LIMITED CONCURRENCE ON THE RECOVERY STRATEGY RESPONSE                                                                                                                                                    | J. L. CRANE / K. A. COLLINSWORTH | B. T. HENNESSEY                  |
| 004177      | 08/27/97<br>12:00:00<br>AM | 004177                | 10693   | USEPA COMMENTS ON THE PRELIMINARY BACKGROUND SOILS STUDY REPORT REVISION 0                                                                                                                                                | J. L. CRANE                      | B. T. HENNESSEY                  |
| 004187      | 09/29/97<br>12:00:00<br>AM | OD-97-0417            | 10693   | DOCUMENT DEVELOPMENT PROTOCOL LIST AND RCRA FACILITY INVESTIGATION / REMEDIAL INVESTIGATION / BASELINE RISK ASSESSMENT (RFI/RI/BRA) REPORT DEVELOPMENT CONSENSUS PROTOCOLS.                                               | B. T. HENNESSEY                  | K. A. COLLINSWORTH / J. L. CRANE |
| 004204      | 09/23/97<br>12:00:00<br>AM | 004204                | 10693   | USEPA STATEMENT TO REVIEW SCDHEC COMMENTS IN THE RESOLUTION MEETING                                                                                                                                                       | C. D. WALKER-SMITH               | B. T. HENNESSEY                  |
| 004225      | 09/22/97<br>12:00:00<br>AM | 004225                | 10693   | SCDHEC COMMENTS ON THE ENVIRONMENTAL RESTORATION DIVISION RADIOLOGICALLY CONTAMINATED VEGETATION ALTERNATIVE SCREENING REPORT WSRC-RP-97-427                                                                              | K. A. COLLINSWORTH               | B. T. HENNESSEY                  |

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| 004236      | 09/30/97<br>12:00:00<br>AM | OD-97-0443     | 10693   | SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT (FFA) REVISION.0 APPENDIX C, RCRA/CERCLA UNITS (PRINT DATA 09/30/97), REVISION.0 APPENDIX G, SITE EVALUATION LIST FOR FISCAL YEAR 1998 (PRINT DATE 09/30/97) | B. T. HENNESSEY                                       | J. L. CRANE / K. A. COLLINSWORTH |
| 004237      | 09/19/97<br>12:00:00<br>AM | OD-97-0456     | 10693   | DELAYING THE SUBMITTAL OF REVISED HIGH LEVEL WASTE (HLW) REMOVAL PLAN AND SCHEDULE                                                                                                                       | B. T. HENNESSEY                                       | K. A. COLLINSWORTH               |
| 004238      | 09/19/97<br>12:00:00<br>AM | OD-97-0498     | 10693   | RISK PRIORITIZATION OF ENVIRONMENTAL RESTORATION (ER) WASTE UNITS                                                                                                                                        | B. T. HENNESSEY                                       | J. L. CRANE / K. A. COLLINSWORTH |
| 004239      | 09/18/97<br>12:00:00<br>AM | OD-97-0451     | 10693   | RESPONSE TO COMMENTS REGARDING OF LOW-LEVEL RADIOACTIVE WASTE DISPOSAL PRACTICES AT THE SAVANNAH RIVER SITE (SRS)                                                                                        | B. T. HENNESSEY                                       | K. A. COLLINSWORTH               |
| 004241      | 09/16/97<br>12:00:00<br>AM | OD-97-0425     | 10693   | ACTION ITEM LIST FOR THE TECHNICAL BREAKTHROUGH MEETING AND SUBMITTAL OF SEVERAL ACTION ITEMS FOR REVIEW                                                                                                 | B. T. HENNESSEY                                       | J. L. CRANE / K. A. COLLINSWORTH |
| 004243      | 09/19/97<br>12:00:00<br>AM | OD-97-0454     | 10693   | DISCUSSION ON THE INFORMAL DISPUTE OVER THE FEDERAL FACILITY AGREEMENT (FFA) APPENDIX E FOR FISCAL YEAR 1997                                                                                             | C. V. ANDERSON                                        | J. K. LINDLER / C. B. WARREN     |
| 004244      | 09/24/97<br>12:00:00<br>AM | OD-97-0453     | 10693   | TRANSMITTAL OF A DISK COPY OF THE PRELIMINARY BACKGROUND SOILS STUDY REPORT AND THE ELECTRONIC DATA FILES                                                                                                | B. T. HENNESSEY                                       | J. L. CRANE / K. A. COLLINSWORTH |
| 004247      | 09/11/97<br>12:00:00<br>AM | OD-97-0444     | 10693   | TRANSMITTAL OF MATERIALS FOR THE SEPTEMBER 25, 1997 FEDERAL FACILITY AGREEMENT (FFA) PROCESS IMPROVEMENT TEAM (FPIT) MEETING                                                                             | B. T. HENNESSEY                                       | J. L. CRANE / K. A. COLLINSWORTH |
| 004274      | 10/06/90<br>12:00:00<br>AM | PSI-1985-0001  | 10693   | HYDROGEOLOGIC STUDY AND MONITOR WELLS NEAR L-AREA SAVANNAH RIVER PLANT                                                                                                                                   | WSRC                                                  |                                  |
| 004275      | 07/30/85<br>12:00:00<br>AM | WSRC 5Q        | 10693   | WSRC 5Q RADIOLOGICAL CONTROL MANUAL                                                                                                                                                                      | PROFESSIONAL SERVICE INDUSTRIES, INC FOR E. I. DUPONT |                                  |
| 004283      | 01/01/97<br>12:00:00<br>AM | WSRC-TR-97-010 | 10693   | AIR FLOW EVALUATION REPORT FOR D-AREA BIOVENTING OPTIMIZATION TEST (PHASE 2) ENVIRONMENTAL RESTORATION SUPPORT                                                                                           | WSRC                                                  |                                  |
| 004284      | 01/01/97<br>12:00:00<br>AM | WSRC-TR-97-014 | 10693   | TEP INJECTION CAMPAIGN REPORT FOR D-AREA BIOVENTING OPTIMIZATION TEST (PHASE 2) ENVIRONMENTAL RESTORATION SUPPORT                                                                                        | WSRC                                                  |                                  |
| 004285      | 12/21/93<br>12:00:00<br>AM | DOE/EH-9400765 | 10693   | REMEDIAL INVESTIGATION / FEASIBILITY STUDY (RI/FS) PROCESS, ELEMENTS AND TECHNIQUES GUIDANCE                                                                                                             | U.S. DEPARTMENT OF ENERGY                             |                                  |
| 004293      | 10/06/97<br>12:00:00<br>AM | 004293         | 10693   | USEPA AND SCDHEC COMMENTS FOR THE INFORMAL DISPUTE FEDERAL FACILITY AGREEMENT (FFA) REVISION.1.1 APPENDIX E FOR FISCAL YEAR 1997 (PRINT DATE 7/14/97)                                                    | J. L. CRANE & K. A. COLLINSWORTH                      | B. T. HENNESSEY                  |
| 004296      | 10/03/97<br>12:00:00<br>AM | 004296         | 10693   | USEPA SUGGESTIONS ON SUBMISSION OF ELECTRONIC DATA IN SUPPORT OF REMEDIAL INVESTIGATION ACTIVITIES                                                                                                       | C. B. WARREN                                          | C. V. ANDERSON                   |

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| 004297      | 10/02/97 12:00:00 AM | 004297         | 10693   | USEPA EXPECTATIONS FOR REACHING RESOLUTION OF ISSUES REGARDING REMOVAL ACTIONS (LETTER OF 8/22/97 FROM HENNESSEY TO COLLINSWORTH AND CRANE)                                                   | J. L. CRANE             | B. T. HENNESSEY                  |
| 004303      | 10/02/97 12:00:00 AM | OD-97-0464     | 10693   | NOTIFICATION OF DISCOVERY OF NEWLY IDENTIFIED WASTE AREA                                                                                                                                      | B. T. HENNESSEY         | J. L. CRANE / K. A. COLLINSWORTH |
| 004314      | 03/01/95 12:00:00 AM | 004314         | 10693   | STRATIGRAPHY OF THE SAVANNAH RIVER SITE AND VICINITY AS PRINTED IN VOLUME 35, NO.1 MARCH 1995 P.21-58 OF THE SOUTHEASTERN GEOLOGY                                                             | W. C. FALLAW & V. PRICE |                                  |
| 004319      | 10/13/97 12:00:00 AM | OD-98-0052     | 10693   | TRANSMITTAL OF THE PROTOCOL FOR REDLINE DOCUMENTS                                                                                                                                             | B. T. HENNESSEY         | J. L. CRANE / K. A. COLLINSWORTH |
| 004323      | 10/17/97 12:00:00 AM | 004323         | 10693   | SCDHEC DESIGN TEAM MEMBERS FOR THE GENERIC PROTOCOL / STRATEGY DEVELOPMENT AT SRS UNDER FEDERAL FACILITY AGREEMENT (FFA)                                                                      | K. A. COLLINSWORTH      | B. T. HENNESSEY                  |
| 004347      | 10/29/97 01:00:00 AM | 004347         | 10693   | USEPA ASSIGNMENTS TO THE TECHNICAL WORKING GROUPS (REF: THE BIN LIST DESIGN TEAM ASSIGNMENTS) PER DISCUSSION DURING FEDERAL FACILITY AGREEMENT IMPROVEMENT TEAM MEETING HELD OCTOBER 16, 1997 | J. L. CRANE             | B. T. HENNESSEY                  |
| 004351      | 11/05/97 12:00:00 AM | OD-98-0060     | 10693   | SUBMITTAL OF TECHNICAL MEMORANDUM FOR ENCOUNTERING PERCHED WATER DURING CHARACTERIZATION SAMPLING                                                                                             | B. T. HENNESSEY         | J. L. CRANE / K. A. COLLINSWORTH |
| 004369      | 11/14/97             | 004369         | 10693   | SCDHEC APPROVAL OF THE EXTENSION REQUEST FOR THE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT APPENDIX E FROM NOVEMBER 15, 1997 TO NOVEMBER 21, 1997.                                          | K. A. COLLINSWORTH      | B. T. HENNESSEY                  |
| 004372      | 11/04/97 12:00:00 AM | 004372         | 10693   | USEPA AFFIRMATIVE DETERMINATION OF ACCEPTABILITY FOR RECEIPT OF PCB CERCLA OFF-SITE WASTE AT THE PCB STORAGE BUILDING 741-1N (CERCLA OFF-SITE RULE) EA ID NUMBER SCI 890 008 989              | R. D. GREEN             | B. T. HENNESSEY                  |
| 004376      | 11/19/97 12:00:00 AM | OD-98-0011     | 10693   | TRANSMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION.0 APPENDIX D FOR FISCAL YEAR 1998 AND REVISION.0 APPENDIX E FOR FISCAL YEAR 1998                                                       | B. T. HENNESSEY         | J. L. CRANE / K. A. COLLINSWORTH |
| 004379      | 11/01/97 01:00:00 AM | WSRC-RP-97-115 | 10693   | FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 1997                                                                                                                        | WSRC                    |                                  |
| 004388      | 11/25/97 12:00:00 AM | OD-98-0085     | 10693   | SUBMITTAL OF THE REVISED HIGH-LEVEL WAST (HLW) REMOVAL PLAN AND SCHEDULE                                                                                                                      | B. T. HENNESSEY         | K. A. COLLINSWORTH               |
| 004392      | 11/20/97 12:00:00 AM | OD-98-0072     | 10693   | TRANSMITTAL OF THE POST RECORD OF DECISION (ROD) SCOPING PROTOCOL AND FEDERAL FACILITY AGREEMENT (FFA) IMPLEMENTATION PLAN NATURAL RESOURCE TRUSTEE LANGUAGE                                  | B. T. HENNESSEY         | J. L. CRANE / K. A. COLLINSWORTH |
| 004403      | 11/20/97 12:00:00 AM | OD-98-0094     | 10693   | TRANSMITTAL OF THE FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 1997 (WSRC-RP-97-1155)                                                                                   | B. T. HENNESSEY         | J. L. CRANE / K. A. COLLINSWORTH |
| 004406      | 11/25/97 12:00:00 AM | 004406         | 10693   | USEPA COMMENTS ON THE FY APPENDICES D AND E REVISION 0 APPENDIX D, REVISION 0 E (11-18-97)                                                                                                    | J. L. CRANE             | B. T. HENNESSEY                  |

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| 004416      | 11/24/97 12:00:00 AM | 004416                     | 10693   | SCDHEC LISTING OF INDIVIDUALS ASSIGNED FROM SCDHEC FOR THE PROJECTS UNDER FEDERAL FACILITY AGREEMENT (FFA) FOR THE U.S. DEPARTMENT OF ENERGY (DOE) SAVANNAH RIVER SITE                             | K. A. COLLINSWORTH | B. T. HENNESSEY                  |
| 004424      | 11/25/97 12:00:00 AM | OD-98-0096                 | 10693   | SUBMITTAL OF THE PLUG-IN APPROACH PROPOSED PLAN FOR ON-UNIT CONTAINMENT OF RADIOLOGICAL CONTAMINANTS IN SOIL REVISION.0                                                                            | B. T. HENNESSEY    | J. L. CRANE / K. A. COLLINSWORTH |
| 004428      | 11/01/97 01:00:00 AM | WSRC-RP-97-845, REV.0      | 10693   | WSRC-RP-97-845 WITH IMPLEMENTATION SCHEDULES, ARF INDEX, DRAFT PROPOSED PLAN FOR ON-UNIT CONTAINMENT OF RADIOLOGICAL CONTAMINANTS IN SOIL                                                          | WSRC               |                                  |
| 004429      | 11/01/97 01:00:00 AM | WSRC-RP-97-841, REVISION.0 | 10693   | PLUG-IN RECORD OF DECISION (ROD) FOR ON-UNIT CONTAINMENT OF RADIOLOGICAL CONTAMINANTS IN SOIL                                                                                                      | WSRC               |                                  |
| 004443      | 12/11/97 12:00:00 AM | OD-98-0114                 | 10693   | FISCAL YEAR 1997 REMOVAL ACTION REPORT                                                                                                                                                             | B. T. HENNESSEY    | J. L. CRANE / K. A. COLLINSWORTH |
| 004465      | 12/15/97 12:00:00 AM | 004465                     | 10693   | USEPA APPROVAL OF EXTENSION REQUEST FOR SUBMITTING ROD ON FEBRUARY 24, 1998                                                                                                                        | C. A. JONES        | B. T. HENNESSEY                  |
| 004468      | 12/16/97 12:00:00 AM | 004468                     | 10693   | USEPA COMMENTS ON THE ALTERNATIVE SCREENING REPORT -RADIOACTIVE SOILS/DEBRIS CONSOLIDATION FACILITY / OFF-UNIT DISPOSAL WSRC-RP-96-893, REV.1                                                      | J. L. CRANE        | B. T. HENNESSEY                  |
| 004480      | 12/22/97 12:00:00 AM | OD-98-0128                 | 10693   | DOE SUBMITTAL OF THE RESPONSES TO THE SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (SCDHEC) COMMENTS ON THE RADIOLOGICALLY CONTAMINATED VEGETATION - ALTERNATIVE SCREENING REPORT | B. T. HENNESSEY    |                                  |
| 004482      | 12/30/97 12:00:00 AM | 004482                     | 10693   | SCDHEC APPROVAL OF FOUR OF THE PROTOCOLS ON THE DOCUMENT DEVELOPMENT PROTOCOL LIST (WSRC-RP-97-822) AND RFI/RI /BRA REPORT DEVELOPMENT CONSENSUS PROTOCOLS, REVISION.0, PACKAGE - EXPOSURE         | K. A. COLLINSWORTH | B. T. HENNESSEY                  |
| 004483      | 12/30/97 12:00:00 AM | 004483                     | 10693   | SCDHEC COMMENTS ON THE DOCUMENT DEVELOPMENT PROTOCOL LIST (WSRC-RP-97-822) AND RFI/RI /BRA REPORT DEVELOPMENT CONSENSUS PROTOCOLS, REVISION.0, PACKAGE                                             | K. A. COLLINSWORTH | B. T. HENNESSEY                  |
| 004484      | 12/30/97 12:00:00 AM | 004484                     | 10693   | SCDHEC APPROVAL OF THE FY98 FEDERAL FACILITY AGREEMENT (FFA) APPENDIX D AND CONCURRENCE WITH EPA ON COMMENTS ON APPENDIX E AND ADDITIONAL COMMENTS                                                 | K. A. COLLINSWORTH | B. T. HENNESSEY                  |
| 004519      | 01/05/98 12:00:00 AM | 004519                     | 10693   | USEPA REVIEW AND COMMENTS ON THE DOCUMENT DEVELOPMENT PROTOCOL LIST AND RI REPORT DEVELOPMENT PROTOCOLS                                                                                            | J. L. CRANE        | B. T. HENNESSEY                  |
| 004521      | 01/02/98 12:00:00 AM | 004521                     | 10693   | SCDHEC ESTABLISHMENT OF CONTENT REQUIREMENTS FOR PREPARATION OF SITE EVALUATION REPORTS                                                                                                            | S. L. SIMONS       | B. T. HENNESSEY                  |
| 004522      | 01/15/98 12:00:00 AM | ESH-CGP-98-0011            | 10693   | NOTIFICATION OF RESAMPLING FOR SELECTED CONSTITUENTS FROM 1997 APPENDIX IX RESULTS                                                                                                                 | J. W. COOK         | C. L. DEVLIN                     |
| 004523      | 01/15/98 12:00:00 AM | ESH-CGP-98-0012            | 10693   | NOTIFICATION OF STARTUP FOR F-AREA TREATMENT AND INJECTION UNIT AT THE SAVANNAH RIVER SITE                                                                                                         | J. W. COOK         | R. J. DEVLIN                     |

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| 004524      | 03/06/97<br>12:00:00<br>AM | OD-97-0169      | 10693   | ANNUAL TANK ASSESSMENT REPORT AND STATUS REPORT FOR THE SAVANNAH RIVER SITE (SRS) HIGH LEVEL WASTE (HLW) TANKS                                                                                                     | B. T. HENNESSEY                                  | J. L. CRANE / K. A. COLLINSWORT |
| 004535      | 01/21/98<br>12:00:00<br>AM | OD-09-0138      | 10693   | TRANSMITTAL OF THE PURPOSED PROTOCOL FOR ADDRESSING THE COMBINED SURFICIAL RISKS FROM ADJACENT UNITS                                                                                                               | B. T. HENNESSEY                                  | J. L. CRANE / K. A. COLLINSWORT |
| 004537      | 01/29/98<br>12:00:00<br>AM | OD-98-0129      | 10693   | TRANSMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION.1 APPENDIX E FOR FISCAL YEAR 1998 (PRINT DATE 01-26-980                                                                                                     | B. T. HENNESSEY                                  | J.L. CRANE / K. A. COLLINSWORT  |
| 004545      | 01/15/98<br>12:00:00<br>AM | OD-98-0022      | 10693   | SUBMITTAL OF THE REVISED HIGH-LEVEL WASTE TANK REMOVAL PLAN AND SCHEDULE                                                                                                                                           | B. T. HENNESSEY                                  | J. L. CRANE / K. A. COLLINSWORT |
| 004546      | 01/26/98<br>12:00:00<br>AM | ESH-CGP-98-0024 | 10693   | 1997 WATER USE REPORT: SAVANNAH RIVER SITE                                                                                                                                                                         | J. W. COOK                                       | S. B. ALDER                     |
| 004550      | 09/01/97<br>12:00:00<br>AM | 004550          | 10693   | ATSDR TOX FAQs TOXICOLOGICAL FACT SHEETS FOR BENZENE, CARBON DISULFIDE, CHLORFENVINFOS, CHLOROFORM, CHLORPYRIFOS, CREOSOTE/COALTARS, CYANIDE, DIAZINON, DICHLORVOS, 1,2-DICHLOROETHENE, ENDRIN, HEXACHLOROBENZENE, | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                 |
| 004551      | 09/01/97<br>12:00:00<br>AM | 004551          | 10693   | ATSDR TOX FAQs TOXICOLOGICAL FACT SHEETS FOR DI-N-OCTYLPHTHALATE, ETHYLENE GLYCOL, HEXACHLOROETHANE, HMX, HYDRAULIC FLUID, HYDRAZINES, USED MINERAL-BASED CRANKCASE OIL, TITANIUM TETRACHLORIDE, WHITE             | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                 |
| 004565      | 01/28/98<br>12:00:00<br>AM | 004565          | 10693   | USEPA DEFERRMENT OF REVIEW ON THE REVISION.0 PLUG-IN (RECORD OF DECISION) ROD/PROPOSED PLAN RADIOLOGICAL SEEPAGE BASINS                                                                                            | J. L. CRANE                                      | B. T. HENNESSEY                 |
| 004635      | 03/03/98<br>12:00:00<br>AM | 004635          | 10693   | USEPA APPROVAL OF THE REVISION.1 FY98 APPENDIX E TO THE FEDERAL FACILITY AGREEMENT (FFA) AND RESOLUTION OF THE INFORMAL DISPUTE OVER THE FISCAL YEAR 1997 APPENDIX E                                               | J. L. CRANE                                      | B. T. HENNESSEY                 |
| 004640      | 03/06/98<br>12:00:00<br>AM | 004640          | 10693   | USEPA FEDERAL FACILITY AGREEMENT IMPLEMENTATION PLAN (FIP) BIN LIST ISSUE PRIMARY DOCUMENT OUTLINES = NATIONAL REVIEW OF RECORDS OF DECISION (ROD) BY EPA                                                          | J. L. CRANE                                      | B. T. HENNESSEY                 |
| 004644      | 02/26/98<br>12:00:00<br>AM | 004644          | 10693   | SCDHEC APPROVAL OF THE HIGH LEVEL WASTE TANKS REMOVAL PLAN AND SCHEDULE                                                                                                                                            | K. A. COLLINSWORTH                               | B. T. HENNESSEY                 |
| 004655      | 09/01/97<br>12:00:00<br>AM | 004655          | 10693   | TOXICOLOGICAL PROFILE FOR HEXACHLOROETHANE                                                                                                                                                                         | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                 |
| 004656      | 09/01/97<br>12:00:00<br>AM | 004656          | 10693   | TOXICOLOGICAL PROFILE FOR WHITE PHOSPHORUS                                                                                                                                                                         | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                 |
| 004657      | 09/01/97<br>12:00:00<br>AM | 004657          | 10693   | TOXICOLOGICAL PROFILE FOR TITANIUM TETRACHLORIDE                                                                                                                                                                   | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                 |
| 004658      | 09/01/97<br>12:00:00<br>AM | 004658          | 10693   | TOXICOLOGICAL PROFILE FOR HYDRAULIC FLUIDS                                                                                                                                                                         | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                 |

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| 004659      | 09/01/97<br>12:00:00<br>AM | 004659     | 10693   | TOXICOLOGICAL PROFILE FOR ETHYLENE GLYCOL AND PROPYLENE GLYCOL | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |           |
| 004660      | 09/01/97<br>12:00:00<br>AM | 004660     | 10693   | TOXICOLOGICAL PROFILE FOR CHLORFENVINPHOS                      | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |           |
| 004661      | 09/01/97<br>12:00:00<br>AM | 004661     | 10693   | TOXICOLOGICAL PROFILE FOR DI-N-OCTYLPHTHALATE                  | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |           |
| 004662      | 09/01/97<br>12:00:00<br>AM | 004662     | 10693   | TOXICOLOGICAL PROFILE FOR DICHLORVOS                           | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |           |
| 004663      | 09/01/97<br>12:00:00<br>AM | 004663     | 10693   | TOXICOLOGICAL PROFILE FOR VINYL CHLORIDE                       | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |           |
| 004664      | 09/01/97<br>12:00:00<br>AM | 004664     | 10693   | TOXICOLOGICAL PROFILE FOR CHLOROFORM                           | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |           |
| 004665      | 09/01/97<br>12:00:00<br>AM | 004665     | 10693   | TOXICOLOGICAL PROFILE FOR USED MINERAL-BASED CRANKCASE OIL     | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |           |
| 004666      | 09/01/97<br>12:00:00<br>AM | 004666     | 10693   | TOXICOLOGICAL PROFILE FOR HMX                                  | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |           |
| 004667      | 09/01/97<br>12:00:00<br>AM | 004667     | 10693   | TOXICOLOGICAL PROFILE FOR HYDRAZINES                           | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |           |
| 004668      | 09/01/97<br>12:00:00<br>AM | 004668     | 10693   | TOXICOLOGICAL PROFILE FOR NICKEL                               | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |           |
| 004669      | 09/01/97<br>12:00:00<br>AM | 004669     | 10693   | TOXICOLOGICAL PROFILE FOR POLYCHLORINATED BIPHENYLS            | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |           |
| 004670      | 09/01/97<br>12:00:00<br>AM | 004670     | 10693   | TOXICOLOGICAL PROFILE FOR CYANIDE                              | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |           |
| 004671      | 09/01/97<br>12:00:00<br>AM | 004671     | 10693   | TOXICOLOGICAL PROFILE FOR CHLORPYRIFOS                         | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |           |
| 004672      | 09/01/97<br>12:00:00<br>AM | 004672     | 10693   | TOXICOLOGICAL PROFILE FOR TETRACHLOROETHYLENE                  | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |           |
| 004673      | 09/01/97<br>12:00:00<br>AM | 004673     | 10693   | TOXICOLOGICAL PROFILE FOR TRICHLOROETHYLENT                    | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |           |

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| 004674      | 09/01/97<br>12:00:00<br>AM | 004674                             | 10693   | TOXICOLOGICAL PROFILE FOR BENZENE                                                                                                                                                                                 | AGENCY FOR TOXIC<br>SUBSTANCES AND<br>DISEASE REGISTRY |                                        |
| 004677      | 03/13/98<br>01:00:00<br>AM | 004677                             | 10693   | USEPA POSITION ON THE FINAL DISPOSITION OF THE VEGETATION GENERATED FROM THE REMOVAL ACTIONS - RADIONUCLIDE CONTAMINATED VEGETATION REMOVAL ACTIONS                                                               | J. L. CRANE                                            | B. T.<br>HENNESSEY                     |
| 004678      | 03/13/98<br>01:00:00<br>AM | 004678                             | 10693   | USEPA UPDATE ASSIGNMENT OF OPERABLE UNITS AND OTHER RELATED FFA PROJECTS                                                                                                                                          | J. L. CRANE                                            | B. T.<br>HENNESSEY                     |
| 004689      | 01/24/96<br>12:00:00<br>AM | 96-ITP-002,<br>REV.0,              | 10693   | ENCLOSURE #1 OD-98-036 ANNUAL TANK ASSESSMENT REPORT FOR SRS HIGH LEVEL WASTE TANKS SUBMITTED 3/5/98 SEE CATALOG #004688 TANK 49 VALVE BOX TRANSFER LINE MODIFICATION TANK 48 AND 49 PRECIPITATE TRANSFER LINES - | WSRC                                                   |                                        |
| 004707      | 03/20/98<br>01:00:00<br>AM | 004707                             | 10693   | SCDHEC APPROVAL OF THE FY98 FEDERAL FACILITY AGREEMENT (FFA) APPENDIX, DATED JANUARY 26, 1998                                                                                                                     | K. A. COLLINSWORTH                                     | B. T.<br>HENNESSEY                     |
| 004721      | 03/26/98<br>01:00:00<br>AM | 004721                             | 10693   | USEPA COMMENTS ON THE PLUG-IN RECORD OF DECISION (ROD) FOR ON-UNIT CONTAINMENT OF RADIOLOGICAL CONTAMINANTS IN SOIL (WSRC-RP-97-841, REVISION.0)                                                                  | C. B. WARREN                                           | B. T.<br>HENNESSEY                     |
| 004749      | 04/03/98<br>01:00:00<br>AM | 004749                             | 10693   | SCDHEC COMMENTS ON THE DRAFT PLUG-IN RECORD OF DECISION FOR ON-UNIT CONTAINMENT OF RADIOLOGICAL CONTAMINANTS IN SOIL                                                                                              | K. A. COLLINSWORTH                                     | B. T.<br>HENNESSEY                     |
| 004773      | 10/01/96<br>12:00:00<br>AM | EPA<br>540/R-96-023<br>PB96-963508 | 10693   | PRESUMPTIVE RESPONSE STRATEGY AND EX-SITU TREATMENT TECHNOLOGIES FOR CONTAMINATED GROUND WATER AT CERCLA SITES                                                                                                    | US EPA                                                 |                                        |
| 004786      | 04/14/98<br>12:00:00<br>AM | 004786                             | 10693   | SCDHEC NON APPROVAL OF THE REVISION.0 FEDERAL FACILITY AGREEMENT APPENDICES C AND G FOR THE FISCAL YEAR 1998, DATED SEPTEMBER 30, 1997                                                                            | K. A. COLLINSWORTH                                     | B. T.<br>HENNESSEY                     |
| 004793      | 04/17/98<br>12:00:00<br>AM | ESH-CGP-98-0118                    | 10693   | NOTIFICATION OF RESULTS OF CONFIRMATION SAMPLING OF 1997 APPENDIX IX HITS                                                                                                                                         | J. W. COOK                                             | C. L. DEVLIN                           |
| 004817      | 04/06/98<br>12:00:00<br>AM | ESH-CGP-98-0099                    | 10693   | REVISION FIVE TO THE H-AREA UNDERGROUND INJECTION CONTROL (UIC) PERMIT (#223) APPLICATION                                                                                                                         | J. W. COOK                                             |                                        |
| 004819      | 04/06/98<br>12:00:00<br>AM | ESH-CGP-98-0100                    | 10693   | REVISION FOUR TO THE F-AREA UNDERGROUND INJECTION CONTROL PERMIT (#211) APPLICATION                                                                                                                               | J. W. COOK                                             |                                        |
| 004820      | 03/27/98<br>01:00:00<br>AM | OD-98-0175                         | 10693   | PROTOCOLS FOR APPROVAL AND MATERIALS FROM THE FEBRUARY 25, 1998 FEDERAL FACILITY AGREEMENT PROCESS IMPROVEMENT (FPIT) MEETING                                                                                     | B. T. HENNESSEY                                        | J. L. CRANE / K.<br>A.<br>COLLINSWORTH |
| 004828      | 04/28/98<br>12:00:00<br>AM | 004828                             | 10693   | USEPA APPROVAL OF THE THREE PARTY PROTOCOL CHANGE PROCESS AND INCORPORATION INTO THE FFA IMPLEMENTATION PLAN                                                                                                      | J. L. CRANE                                            | B. T.<br>HENNESSEY                     |
| 004858      | 05/08/98<br>12:00:00<br>AM | OD-98-0234                         | 10693   | TRANSMITTAL OF THE RI AND BASELINE RISK ASSESSMENT REPORT CONTAMINANTS OF CONCERN (COC) REJECTION PROCESS PROTOCOL FOR RI UNCERTAINTY DESIGN TEAM REVIEW AND COMMENT                                              | B. T. HENNESSEY                                        | J. L. CRANE / K.<br>A.<br>COLLINSWORTH |

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| 004859      | 05/08/98<br>12:00:00<br>AM | OD-98-0235      | 10693   | TRANSMITTAL OF THE ANNOTATED OUTLINE IN SUPPORT OF THE RFI/RI AND BASELINE RISK ASSESSMENT REPORT FORMAT AND THE COMPARISON DOCUMENT OF FIGURES AND TABLES FOR PRIMARY DOCUMENT OUTLINE DESIGN TEAM REVIEW AND | B. T. HENNESSEY    | J. L. CRANE / K. A.             |
| 004867      | 05/06/98<br>12:00:00<br>AM | 004867          | 10693   | SCDHEC APPROVAL OF THE THREE PARTY CHANGE PROCESS PROTOCOL, DATED SEPTEMBER 5, 1997                                                                                                                            | K. A. COLLINSWORTH | COLLINSWORTH<br>B. T. HENNESSEY |
| 004873      | 04/21/98<br>12:00:00<br>AM | 004873          | 10693   | USEPA POLICY - ASSURING LAND USE CONTROLS AT FEDERAL FACILITIES                                                                                                                                                | J. D. JOHNSTON     | B. T. HENNESSEY                 |
| 004874      | 04/30/98<br>12:00:00<br>AM | 004874          | 10693   | USEPA POSITION ON THE RI REPORTS PROTOCOL                                                                                                                                                                      | J. L. CRANE        | B. T. HENNESSEY                 |
| 004877      | 05/15/98<br>12:00:00<br>AM | 004877          | 10693   | USEPA CERCLA OFF-SITE RULE: AFFIRMATIVE DETERMINATION OF ACCEPTABILITY FOR SAVANNAH RIVER SITE                                                                                                                 | R. D. GREEN        | B. T. HENNESSEY                 |
| 004888      | 06/01/93<br>12:00:00<br>AM | 004888          | 10693   | RESPONSE TO LETTER REQUESTING EXEMPTION TO SOLIDIFY PCB CONTAMINATED LIQUIDS                                                                                                                                   | J. P. MCCARTHY     | W. M. PETERSON                  |
| 004889      | 11/04/83<br>01:00:00<br>AM | 004889          | 10693   | RESPONSE TO LETTER REQUESTING APPROVAL OF "EARTH-TITE" AS A SOLIDIFICATION FOR OIL AND WATER                                                                                                                   | J. A. WAITE        | W. GREENMAN                     |
| 004899      | 05/21/98<br>12:00:00<br>AM | 004899          | 10693   | USEPA CONCURRENCE WITH SUSPENSION OF PLUG-IN ROD MILESTONES                                                                                                                                                    | J. L. CRANE        | B. T. HENNESSEY                 |
| 004917      | 05/29/98<br>12:00:00<br>AM | OD-98-0240      | 10693   | TRANSMITTAL OF THE ECOLOGICAL CONSTITUENT OF POTENTIAL CONCERN SELECTION PROCESS PROTOCOL FOR ECOLOGICAL RISK ASSESSMENT DESIGN TEAM REVIEW AND COMMENT AND THE REVISED RFI/RI/BRA PROTOCOL FRAMEWORK          | B. T. HENNESSEY    | J. L. CRANE / K. A.             |
| 004926      | 05/26/98<br>12:00:00<br>AM | ESH-CGP-98-0173 | 10693   | REVISED APPLICATION FOR AN UNDERGROUND INJECTION CONTROL (UIC) PERMIT #258 FOR A/M SOUTHERN SECTOR GROUNDWATER REMEDIATION                                                                                     | J. W. COOK         | COLLINSWORTH<br>R. J. DEVLIN    |
| 004936      | 04/13/98<br>12:00:00<br>AM | WSRC-OS-94-42   | 10693   | FEDERAL FACILITY AGREEMENT (FFA) FOR THE SAVANNAH RIVER SITE AS MODIFIED ON APRIL 13, 1998 (WSRC-OS-94-42)                                                                                                     | WSRC               |                                 |
| 004940      | 12/01/95<br>12:00:00<br>AM | WSRC-TR-96-0071 | 10693   | SAVANNAH RIVER SITE ENVIRONMENTAL REPORT FOR 1995 - SUMMARY PAMPHLET                                                                                                                                           | WSRC               |                                 |
| 004941      | 12/01/95<br>12:00:00<br>AM | WSRC-TR-96-0071 | 10693   | SAVANNAH RIVER SITE ENVIRONMENTAL REPORT FOR 1995 - ENVIRONMENTAL DATA                                                                                                                                         | WSRC               |                                 |
| 004942      | 12/01/95<br>12:00:00<br>AM | WSRC-TR-96-0071 | 10693   | SAVANNAH RIVER SITE ENVIRONMENTAL REPORT FOR 1995                                                                                                                                                              | WSRC               |                                 |
| 004965      | 06/01/98<br>12:00:00<br>AM | 004965          | 10693   | SCDHEC APPROVAL FOR THE ABANDONMENT OF TEMPORARY WELL (KCB-7) ALSO DENIAL OF TEMPORARY WELLS (KCB-5 & KCB-6) TO PERMANENT WELLS                                                                                | J. ELAM            | J.W. COOK                       |



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| 004967      | 05/01/98<br>12:00:00<br>AM | WSRC-TR-98-83                    | 10693   | ANNUAL RADIOACTIVE WASTE TANK INSPECTION PROGRAM 1997 (U)                                                                                                                                                                                                                                                          | WSRC                     | M.F. SADLER                      |
| 004979      | 06/17/98<br>12:00:00<br>AM | 004979                           | 10693   | FEDERAL FACILITIES BRANCH EXAMINATION OF ELECTRONIC DATA SETS SUBMITTED THROUGHOUT REGION 4. APPENDIX J TO THE FFA SAVANNAH RIVER SITE                                                                                                                                                                             | J. L. CRANE              | B. T. HENNESSEY                  |
| 004995      | 01/01/97<br>12:00:00<br>AM | WSRC-RP-97-173                   | 10693   | SAVANNAH RIVER SITE ENVIRONMENTAL REPORT FOR 1996 - SUMMARY                                                                                                                                                                                                                                                        | WSRC                     |                                  |
| 004996      | 01/01/97<br>12:00:00<br>AM | WSRC-TR-97-171                   | 10693   | SAVANNAH RIVER SITE ENVIRONMENTAL REPORT FOR 1996 - ENVIRONMENTAL MONITORING SECTION                                                                                                                                                                                                                               | WSRC                     |                                  |
| 004997      | 01/01/97<br>12:00:00<br>AM | WSRC-RP-97-77                    | 10693   | SAVANNAH RIVER SITE ENVIRONMENTAL REPORT FOR 1996 - ENVIRONMENTAL MONITORING SECTION - ENVIRONMENTAL DATA                                                                                                                                                                                                          | WSRC                     |                                  |
| 005015      | 01/05/83<br>12:00:00<br>AM | DPSP-83-1008                     | 10693   | WASTE SITES ON THE SAVANNAH RIVER PLAN                                                                                                                                                                                                                                                                             | D. I. ROSS / J. L. GREEN |                                  |
| 005037      | 06/03/98<br>12:00:00<br>AM | 005037                           | 10693   | USEPA OPERABLE UNIT ASSIGNMENTS                                                                                                                                                                                                                                                                                    | J. L. CRANE              | B. T. HENNESSEY                  |
| 005041      | 06/30/98<br>12:00:00<br>AM | 005041                           | 10693   | USEPA APPROVAL OF THE HIGH LEVEL WASTE TANKS REMOVAL PLAN AND SCHEDULE                                                                                                                                                                                                                                             | K. B. FEELY              | B. T. HENNESSEY                  |
| 005051      | 07/03/98<br>12:00:00<br>AM | ENVIRONMENTAL BULLETIN, VOLUME 9 | 10693   | ENVIRONMENTAL BULLETIN FOR THE SAVANNAH RIVER SITE - VOLUME 9, NUMBER 10, DATED JULY 3, 1998.                                                                                                                                                                                                                      | WSRC                     |                                  |
| 005062      | 07/21/98<br>12:00:00<br>AM | OD-98-400                        | 10693   | SUBMITTAL OF SAVANNAH RIVER SITE LAND USE CONTROL ASSURANCE PLAN IMPLEMENTATION SCHEDULE                                                                                                                                                                                                                           | B.T. HENNESSEY           | J. L. CRANE / K. A. COLLINSWORTH |
| 005087      | 06/30/97<br>12:00:00<br>AM | 3Q5                              | 10693   | HYDROGEOLOGIC DATA COLLECTION PROCEDURES AND SPECIFICATIONS                                                                                                                                                                                                                                                        | WSRC                     |                                  |
| 005088      | 07/11/98<br>12:00:00<br>AM | VOLUME 9. NUMBER 11              | 10693   | ENVIRONMENTAL BULLETIN VOLUME 9, NUMBER 11                                                                                                                                                                                                                                                                         | WSRC                     |                                  |
| 005089      | 07/04/98<br>12:00:00<br>AM | 005089                           | 10693   | PROPOSED REMOVAL OF SPILLS FROM APPENDIX G.1 OF THE FFA (LETTER, HENNESSEY TO COLLINSWORTH AND CRANE, DATED MAY 8, 1989). SCDHEC IS REQUIRING THE DOE TO EVALUATE THE SUBJECT SPILLS (PER TABLE 1) GREATER USEPA COMMENTS FOR THE FFA APPENDICES C AND G FOR FY 98 (PRINT DATE 9/30/97) REVISION 0 REVIEW COMMENTS | S.L. SIMONS              | B. T. HENNESSEY                  |
| 005095      | 07/08/98<br>12:00:00<br>AM | 005095                           | 10693   |                                                                                                                                                                                                                                                                                                                    | J.L. CRANE               | B. T. HENNESSEY                  |
| 005119      | 07/24/98<br>12:00:00<br>AM | 005119                           | 10693   | USEPA REQUEST FOR CHANGES TO FFA ANNUAL PROGRESS REPORT FOR FISCAL YEAR 1997 (WSRC-RP-97-1155) SAVANNAH RIVER SITE                                                                                                                                                                                                 | C.B. WARREN              | C.V. ANDERSON                    |

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| 005139      | 05/26/98 12:00:00 AM | OD-98-239                         | 10693   | SUBMITTAL OF DOCUMENTS REQUESTED AT OUR APRIL 22 MEETING: GROUNDWATER TECHNOLOGY END USER CONFERENCE MEETING NOTES, HANDOUTS AND LIST OF ATTENDEES, TECHNOLOGY DEPLOYMENT COST SAVINGS MANAGEMENT PLAN, PROPOSED REMOVAL OF SPILLS FROM APPENDIX G.1 OF THE FFAI ENCLOSURES | C.V. ANDERSON  | C.B. WAREN                      |
| 005143      | 05/08/98 12:00:00 AM | OD-98-119                         | 10693   | INCLUDE: TABLE 1: SITE EVALUATION AREAS PROPOSED FOR REMOVAL FROM APPENDIX G.1, FATE OF ISOLATED SPILLS ON SAVANNAH RIVER SITE SOILS                                                                                                                                        | B.T. HENNESSEY | J. L. CRANE / K. A. COLLINSWORT |
| 005144      | 04/01/98 01:00:00 AM | WSRC-TR-98-8, REV. 1              | 10693   | FATE OF ISOLATED SPILLS ON SAVANNAH RIVER SITE SOILS                                                                                                                                                                                                                        | WSRC           |                                 |
| 005145      | 05/08/98 12:00:00 AM | WSRC-RP-98-408                    | 10693   | ADDITIONAL INFORMATION ON SITE EVALUATION AREAS WITH APPENDICES OF ADDITIONAL INFORMATION                                                                                                                                                                                   | WSRC           |                                 |
| 005162      | 08/14/98 12:00:00 AM | OD-98-420                         | 10693   | SUBMITTAL OF THE REVISION. 0 LAND USE CONTROL ASSURANCE PLAN FOR THE SAVANNAH RIVER SITE (WSRC-RP-98-4125)                                                                                                                                                                  | B.T. HENNESSEY | J. L. CRANE / K. A. COLLINSWORT |
| 005163      | 08/01/98 12:00:00 AM | WSRC-RP-98-412                    | 10693   | LAND USE CONTROL ASSURANCE PLAN FOR THE SAVANNAH RIVER SITE                                                                                                                                                                                                                 | WSRC           |                                 |
| 005175      | 08/14/98 12:00:00 AM | 005175                            | 10693   | USEPA REQUEST THE FOLLOWING ACTIONS BE CONDUCTED BY THE SUGGESTED DATES. DOE SUBMISSION OF DRAFT APPENDIX J MODIFICATION BY 09/01/98. DOE SUBMISSION OF ADDITIONAL COVERAGES. SUBMISSION OF THE ENCLOSED LIST OF                                                            | J.L. CRANE     | B. T. HENNESSEY                 |
| 005200      | 08/25/98 12:00:00 AM | OD-98-425                         | 10693   | RESPONSE TO ENVIRONMENTAL PROTECTION AGENCY - REGION IV COMMENTS ON THE FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 1997 (WSRC-RP-97-1155) DATED JULY 24, 1998                                                                                        | C.V. ANDERSON  | C.B. WARREN                     |
| 005202      | 08/03/98 12:00:00 AM | VOLUME 9, NUMBER 12               | 10693   | ENVIRONMENTAL BULLETIN VOLUME 9, NUMBER 12                                                                                                                                                                                                                                  | WSRC           |                                 |
| 005203      | 08/17/98 12:00:00 AM | VOLUME 9, NUMBER 13               | 10693   | ENVIRONMENTAL BULLETIN, VOLUME 9, NUMBER 13                                                                                                                                                                                                                                 | WSRC           |                                 |
| 005210      | 01/01/97 12:00:00 AM | WSRC-TR-97-322                    | 10693   | SAVANNAH RIVER SITE ENVIRONMENTAL REPORT FOR 1997                                                                                                                                                                                                                           | WSRC           |                                 |
| 005211      | 01/01/97 12:00:00 AM | WSRC-TR-97-003                    | 10693   | SAVANNAH RIVER SITE ENVIRONMENTAL REPORT FOR 1997 - SUMMARY                                                                                                                                                                                                                 | WSRC           |                                 |
| 005212      | 01/01/97 12:00:00 AM | WSRC-TR-97-324                    | 10693   | SRS ENVIRONMENTAL DATA FOR 1997                                                                                                                                                                                                                                             | WSRC           |                                 |
| 005228      | 10/14/98 12:00:00 AM | OD-98-436                         | 10693   | SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT INTERIM APPENDIX D TIMETABLES AND DEADLINES FOR FISCAL YEAR 1999                                                                                                                                                                | B.T. HENNESSEY | J. L. CRANE / K. A. COLLINSWORT |
| 005239      | 08/28/98 12:00:00 AM | ENVIRONMENTAL BULLETIN, VOLUME 9, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 9, NUMBER 14, DATED AUGUST 28, 1998.                                                                                                                                                                           | WSRC           |                                 |

| Catalog Num | Date                       | Doc Number                              | Track # | Title                                                                                                                                                                                                                       | Author                                               | Addressee              |
|-------------|----------------------------|-----------------------------------------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|------------------------|
| 005286      | 07/27/98<br>12:00:00<br>AM | 005286                                  | 10693   | SRS CITIZENS ADVISORY BOARD - BIMONTHLY MEETING ANNOUNCEMENT FOR JULY 27 -28, 1998 AT USC-A                                                                                                                                 | WSRC                                                 |                        |
| 005287      | 06/21/98<br>12:00:00<br>AM | 005287                                  | 10693   | SRS CITIZENS ADVISORY BOARD - BOARD BEAT, SUMMER 1998                                                                                                                                                                       | WSRC                                                 |                        |
| 005288      | 09/30/97<br>12:00:00<br>AM | 005288                                  | 10693   | AGENCY FOR TOXIC SUBSTANCES & DISEASE REGISTRY (ATSDR) - AGENCY PROFILE AND ANNUAL REPORT (FY 1997)                                                                                                                         | AGENCY FOR TOXIC<br>SUBSTANCES & DISEASE<br>REGISTRY |                        |
| 005289      | 09/28/98<br>12:00:00<br>AM | 005289                                  | 10693   | SRS CITIZENS ADVISORY BOARD - BIMONTHLY MEETING ANNOUNCEMENT FOR SEPTEMBER 28 - 29, 1998                                                                                                                                    | WSRC                                                 |                        |
| 005299      | 09/21/98<br>12:00:00<br>AM | OD-98-444                               | 10693   | TRANSMITTAL OF THE SAVANNAH RIVER SITE LEGACY GIS COVERAGES, VERSION II                                                                                                                                                     | B.T. HENNESSEY                                       | J. L. CRANE / K.<br>A. |
| 005300      | 09/22/98<br>12:00:00<br>AM | OD-98-456                               | 10693   | NOTIFICATION OF THE CHANGE OF ENVIRONMENTAL RESTORATION ENVIRONMENTAL COMPLIANCE MANAGER (MR. R. KIM CAUTHEN HAS REPLACED MS. SANDRA J. CARROLL AS EREC MANAGER).                                                           | B.T. HENNESSEY                                       | J. L. CRANE / K.<br>A. |
| 005307      | 09/22/98<br>12:00:00<br>AM | ENVIRONMENTAL<br>NOTICE,<br>VOLUME 9,   | 10693   | MODIFICATIONS TO RCRA REQUESTED PART B PERMIT FOR M-AREA HAZARDOUS WASTE MANAGEMENT FACILITY                                                                                                                                | WSRC                                                 | COLLINSWORT            |
| 005331      | 09/11/98<br>12:00:00<br>AM | 005331                                  | 10693   | USEPA CONCERNS REGARDING A RECENT SRS CITIZEN ADVISORY BOARD (CAB) SUBCOMMITTEE MEETING.                                                                                                                                    | C.B. WARREN                                          | TOM HEENAN             |
| 005336      | 09/30/98<br>12:00:00<br>AM | OD-98-402                               | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION.1 APPENDIX C, RCRA/CERCLA UNITS AND REVISION.1 APPENDIX G, SITE EVALUATION LIST FOR FISCAL YEAR 1998 (PRINT DATE 8/24/98) AND SUBMITTAL OF THE REVISION.0 APPENDIX | B.T. HENNESSEY                                       | J. L. CRANE / K.<br>A. |
| 005371      | 10/06/98<br>12:00:00<br>AM | ENVIRONMENTAL<br>BULLETIN,<br>VOLUME 9, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 9, NUMBER 17, OCTOBER 6, 1998.                                                                                                                                 | WSRC                                                 | COLLINSWORT            |
| 005374      | 10/15/98<br>12:00:00<br>AM | 005374                                  | 10693   | USEPA APPROVAL OF THE RCRA FACILITY INVESTIGATION/REMEDIATION INVESTIGATION/BASELINE RISK ASSESSMENT (RFI/RI/BRA) REPORT DEVELOPMENT CONSENSUS PROTOCOLS, REVISION 1.0, PACKAGE DATED MARCH 27, 1998, RECEIVED              | K.A. COLLINSWORTH                                    | B.T.<br>HENNESSEY      |
| 005375      | 10/13/98<br>12:00:00<br>AM | 005375                                  | 10693   | SCDHEC COMMENTS ON THE LAND USE CONTROL ASSURANCE PLAN (LUCAP) (WSRC-RP-98-4125)., REVISION 0, FOR THE SAVANNAH RIVER SITE (SRS), DATED AUGUST 1998.                                                                        | K.A. COLLINSWORTH                                    | B.T.<br>HENNESSEY      |
| 005386      | 03/27/96<br>01:00:00<br>AM | WSRC-IM-96-144,<br>REV. 0               | 10693   | HEAVY WATER COMPONENTS TEST REACTOR DECONTAMINATION AND DECOMMISSIONING PROJECT PLAN (U)                                                                                                                                    | WSRC                                                 |                        |
| 005387      | 01/01/76<br>12:00:00<br>AM | DPST-75-417                             | 10693   | DECOMMISSIONING PLAN FOR THE HEAVY WATER COMPONENTS TEST REACTOR                                                                                                                                                            | F.R. FIELD                                           |                        |
| 005388      | 04/01/96<br>01:00:00<br>AM | WSRC-TR-96-026                          | 10693   | FACILITY SCREENING CHARACTERIZATION REPORT FOR THE HEAVY WATER COMPONENTS TEST REACTOR (HWCTR) AT THE SAVANNAH RIVER SITE (U)                                                                                               | WSRC                                                 |                        |

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| 005389      | 08/01/96<br>12:00:00<br>AM | WSRC-TR-96-026 | 10693   | ANALYSIS OF REMOVAL ALTERNATIVES FOR THE HEAVY WATER COMPONENTS TEST REACTOR AT THE SAVANNAH RIVER SITE                                                                                                   | WSRC                                             |                                 |
| 005390      | 08/01/95<br>12:00:00<br>AM | DOE/EM-0246    | 10693   | DECOMMISSIONING RESOURCE MANUAL                                                                                                                                                                           | DOE-SR                                           |                                 |
| 005423      | 11/04/98<br>12:00:00<br>AM | 005423         | 10693   | USE OF NATIONAL ECOLOGICAL RISK ASSESSMENT GUIDANCE [ECOLOGICAL RISK ASSESSMENT GUIDANCE FOR SUPERFUND: PROCESS FOR DESIGNING AND CONDUCTING ECOLOGICAL RISK ASSESSMENTS, JUNE 1997, OSWER DIR: 9285.7-25 | J.L. CRANE                                       | B. T. HENNESSEY                 |
| 005426      | 09/01/98<br>12:00:00<br>AM | 005426         | 10693   | TOXICOLOGICAL PROFILE FOR TOTAL PETROLEUM HYDROCARBONS (TPH)(DRAFT FOR PUBLIC COMMENT)                                                                                                                    | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                 |
| 005430      | 11/01/98<br>12:00:00<br>AM | 005430         | 10693   | SRS CITIZENS ADVISORY BOARD - BIMONTHLY MEETING ANNOUNCEMENT FOR NOVEMBER 16 - 17, 1998, AT ADAM'S MARK HOTEL, COLUMBIA, SC                                                                               | WSRC                                             |                                 |
| 005438      | 11/12/98<br>12:00:00<br>AM | OD-99-131      | 10693   | DOE TRANSMITTAL OF THE SAVANNAH RIVER SITE ADMINISTRATIVE RECORD FILE INDICES (WSRC-RP-98-4188) FOR REVIEW                                                                                                | B.T. HENNESSEY                                   | J. L. CRANE / K. A. COLLINSWORT |
| 005439      | 11/01/98<br>12:00:00<br>AM | WSRC-RP-98-418 | 10693   | SAVANNAH RIVER SITE ADMINISTRATIVE RECORD FILE ANNUAL INDICES UPDATE FOR 1998                                                                                                                             | WSRC                                             |                                 |
| 005440      | 11/16/98<br>12:00:00<br>AM | OD-99-130      | 10693   | DOE TRANSMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION.0 APPENDIX E FOR FISCAL YEAR 1999 (PRINT DATE 11/13/1998) (SEE 005441 FOR ENCLOSURES)                                                          | B.T. HENNESSEY                                   | J. L. CRANE / K. A. COLLINSWORT |
| 005441      | 11/01/98<br>12:00:00<br>AM | 005441         | 10693   | FEDERAL FACILITY AGREEMENT (FFA) ENCLOSURE 1: REVISION.0 APPENDIX E FOR FICAL YEAR 1999 (PRINT DATE 11/13/1998) ENCLOSURE 2: TABLES A, B, C, D, E, F, G, & H                                              | WSRC                                             |                                 |
| 005442      | 08/01/98<br>12:00:00<br>AM | 005442         | 10693   | ENCLOSURE 3: IMPLEMENTATION SCHEDULES TOXICOLOGICAL PROFILE FOR TOLUENE (UPDATE), (DRAFT FOR PUBLIC COMMENT)                                                                                              | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                 |
| 005443      | 09/01/98<br>12:00:00<br>AM | 005443         | 10693   | TOXICOLOGICAL PROFILE FOR METHYLENE CHLORIDE (UPDATE)(DRAFT FOR PUBLIC COMMENT)                                                                                                                           | AGENCY OF TOXIC SUBSTANCES AND DISEASE REGISTRY  |                                 |
| 005444      | 08/01/98<br>12:00:00<br>AM | 005444         | 10693   | TOXICOLOGICAL PROFILE FOR ETHION (UPDATE), (DRAFT FOR PUBLIC COMMENT)                                                                                                                                     | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                 |
| 005445      | 08/01/98<br>12:00:00<br>AM | 005445         | 10693   | TOXICOLOGICAL PROFILE FOR ENDOSULFAN (UPDATE), (DRAFT FOR PUBLIC COMMENT)                                                                                                                                 | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                 |
| 005446      | 08/01/98<br>12:00:00<br>AM | 005446         | 10693   | TOXICOLOGICAL PROFILE FOR CHROMIUM (UPDATE), (DRAFT FOR PUBLIC COMMENT)                                                                                                                                   | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                 |
| 005447      | 08/01/98<br>12:00:00<br>AM | 005447         | 10693   | TOXICOLOGICAL PROFILE FOR ARSENIC (UPDATE), (DRAFT FOR PUBLIC COMMENT)                                                                                                                                    | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                 |

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| 005448      | 11/16/98<br>12:00:00<br>AM | OD-99-128                         | 10693   | DOE NOTIFICATION OF THE REVISION.1 LAND USE CONTROLS ASSURANCE PLAN (WSRC-RP-98-4125) 30-DAY SUBMITTAL DELAY                                                                                                                | B.T. HENNESSEY                                   | J. L. CRANE / K. A. COLLINSWORT |
| 005455      | 10/16/98<br>12:00:00<br>AM | 005455                            | 10693   | EPA COMMENTS ON THE FFA ANNUAL PROGRESS REPORT FOR FISCAL YEAR 1997 (WSRC-RP-97-1155) REFERENCE LETTER OF 8/25/98 FROM C.V. ANDERSON TO C.B. WARREN SAVANNAH RIVER SITE                                                     | C.B. WARREN                                      | B. T. HENNESSEY                 |
| 005457      | 09/01/98<br>12:00:00<br>AM | 005457                            | 10693   | TOXICOLOGICAL PROFILE FOR TOTAL PETROLEUM HYDROCARBONS (TPH), (DRAFT FOR PUBLIC COMMENT)                                                                                                                                    | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                 |
| 005470      | 08/01/98<br>12:00:00<br>AM | 005470                            | 10693   | TOXICOLOGICAL PROFILE FOR 2-BUTOXYETHANOL AND 2-BUTOXYETHANOL ACETATE                                                                                                                                                       | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                 |
| 005471      | 08/01/98<br>12:00:00<br>AM | 005471                            | 10693   | TOXICOLOGICAL PROFILE FOR DIISOPROPYL METHYLPHOSPHONATE                                                                                                                                                                     | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                 |
| 005472      | 08/01/98<br>12:00:00<br>AM | 005472                            | 10693   | TOXICOLOGICAL PROFILE FOR HEXAMETHYLENE DIISOCYANATE                                                                                                                                                                        | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                 |
| 005473      | 08/01/98<br>12:00:00<br>AM | 005473                            | 10693   | TOXICOLOGICAL PROFILE FOR JET FUELS (JP-5 AND JP-8)                                                                                                                                                                         | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                 |
| 005474      | 08/01/98<br>12:00:00<br>AM | 005474                            | 10693   | TOXICOLOGICAL PROFILE FOR METHYLENEDIANILINE                                                                                                                                                                                | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                 |
| 005484      | 11/23/98<br>12:00:00<br>AM | OD-99-135                         | 10693   | DOE TRANSMITTAL OF THE FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 1998 (WSRC-RP-98-4300)                                                                                                             | B.T. HENNESSEY                                   | J. L. CRANE / K. A. COLLINSWORT |
| 005485      | 11/01/98<br>12:00:00<br>AM | WSRC-RP-98-4300                   | 10693   | FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 1998                                                                                                                                                      | WSRC                                             |                                 |
| 005492      | 12/07/98<br>12:00:00<br>AM | OD-99-134                         | 10693   | SUBMITTAL OF THE DOCUMENT CHANGE IMPACT ASSESSMENT FOR THE RISK ASSESSMENT GUIDANCE FOR SUPERFUND (RAGS) PART D (ERD-DCI-00001, REVISION.0, NOVEMBER 1998) (DOCUMENT ATTACHED)                                              | WSRC                                             |                                 |
| 005509      | 12/07/98<br>12:00:00<br>AM | 005509                            | 10693   | USEPA CONCURS WITH DOE'S JUST CAUSE FOR AN EXTENSION OF FEDERAL FACILITY AGREEMENT (FFA) MILESTONE FOR A FINAL REMEDIAL ACTION START FROM JUNE 18, 1999, TO NOVEMBER 2, 2001. EPA DOES NOT RECOGNIZE THE NEED FOR EXTENSION | J.L. CRANE                                       | B.T. HENNESSEY                  |
| 005511      | 12/09/98<br>12:00:00<br>AM | ENVIRONMENTAL BULLETIN, VOLUME 9, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 9, NUMBER 19, DECEMBER 9, 1998.                                                                                                                                | WSRC                                             |                                 |
| 005512      | 11/16/98<br>12:00:00<br>AM | ENVIRONMENTAL BULLETIN, VOLUME 9, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 9, NUMBER 18, NOVEMBER 16, 1998.                                                                                                                               | WSRC                                             |                                 |
| 005514      | 12/22/98<br>12:00:00<br>AM | OD-99-139                         | 10693   | DOE RESPONSE TO ENVIRONMENTAL PROTECTION AGENCY - REGION IV COMMENTS ON THE FEDERAL FACILITY AGREEMENT (FFA) ANNUAL PROGRESS REPORT FOR FISCAL YEAR 1997                                                                    | B.T. HENNESSEY                                   | C.B. WARREN                     |

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| 005515      | 12/22/98<br>12:00:00<br>AM | OD-99-017                                    | 10693   | DOE FISCAL YEAR (FY) 1999 BUDGET ALLOTMENT FOR ENVIRONMENTAL RESTORATION (ER)                                                                                                                              | B.T. HENNESSEY    | J. L. CRANE / K. A. COLLINSWORT |
| 005525      | 12/17/98<br>12:00:00<br>AM | ESH-FSS-98-277                               | 10693   | SAVANNAH RIVER SITE INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN, REVISION 4 (WSRC-RP-94-1227)                                                                                                              | J.V. ODUM         | J. L. CRANE / K. A. COLLINSWORT |
| 005527      | 12/18/98<br>12:00:00<br>AM | OD-99-161                                    | 10693   | TRANSMITTAL OF IOU-RELATED DOCUMENTATION                                                                                                                                                                   | B.T. HENNESSEY    | J. L. CRANE / K. A. COLLINSWORT |
| 005538      | 12/18/98<br>12:00:00<br>AM | OD-99-155                                    | 10693   | DOE SUBMITTAL OF THE DRAFT REDLINE REVISION.1 LAND USE CONTROL ASSURANCE PLAN (LUCAP) FOR THE SAVANNAH RIVER SITE (SRS) (WSRC-RP-98-4125)                                                                  | C.V. ANDERSON     | C.B. WARREN / J.K. LINDLER      |
| 005539      | 12/01/98<br>12:00:00<br>AM | WSRC-RP-98-4125<br>REV. 1 REDLINE<br>(DRAFT) | 10693   | LAND USE CONTROL ASSURANCE PLAN FOR THE SAVANNAH RIVER SITE (INCLUDES RESPONSES TO RESPONSES COMMENTS ON REV.0)                                                                                            | WSRC              |                                 |
| 005560      | 12/21/98<br>12:00:00<br>AM | HS & PH,<br>VOLUME 8,<br>NUMBER 2            | 10693   | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY (ATSDR) - HAZARDOUS SUBSTANCES & PUBLIC HEALTH, VOLUME 8, NUMBER 2 - WINTER 1998                                                                          |                   |                                 |
| 005561      | 12/16/98<br>12:00:00<br>AM | ENVIRONMENTAL<br>BULLETIN,<br>VOLUME 9,      | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 9, NUMBER 20, DECEMBER 16, 1998.                                                                                                              | WSRC              |                                 |
| 005567      | 12/31/98<br>12:00:00<br>AM | ESH-CGP-98-0411                              | 10693   | NOTIFICATION OF RESULTS FOR OCTOBER COMPLIANCE SAMPLING AT THE F-AREA AND H-AREA TREATMENT AND INJECTION UNITS                                                                                             | M.D. DUKES        | R.J. DEVLIN                     |
| 005573      | 12/17/98<br>12:00:00<br>AM | OD-99-127                                    | 10693   | DOE FISCAL YEAR 1998 REMOVAL ACTION REPORT                                                                                                                                                                 | B.T. HENNESSEY    | J. L. CRANE / K. A. COLLINSWORT |
| 005574      | 01/04/99<br>12:00:00<br>AM | 005574                                       | 10693   | USEPA NOTIFIES DOE OF A NEED FOR ADDITIONAL TIME TO COMPLETE REVIEW OF REV.0 APPENDIX E FOR FISCAL YEAR 1999. REVIEW WILL BE COMPLETED ON OR BEFORE JANUARY 31, 1999.                                      | J.L. CRANE        | B.T. HENNESSEY                  |
| 005578      | 01/05/99<br>12:00:00<br>AM | 005578                                       | 10693   | SCDHEC WILL TAKE ADDITIONAL TIME FOR THE REVIEW OF SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT APPENDIX E FOR FISCAL YEAR 1999. THE COMMENTS/APPROVAL WILL BE FORWARDED TO DOE BY JANUARY 31, 1999.     | K.A. COLLINSWORTH | B.T. HENNESSEY                  |
| 005581      | 01/07/99<br>12:00:00<br>AM | OD-99-166                                    | 10693   | DOE EXTENSION REQUEST FOR THE SUBMITTAL OF THE REVISION.1 APPENDIX E FOR FISCAL YEAR 1999. EXTENSION REQUEST IS FOR 31 DAYS AFTER THE RECEIPT OF BOTH USEPA AND SCDHEC COMMENTS.                           | B.T. HENNESSEY    | J. L. CRANE / K. A. COLLINSWORT |
| 005590      | 01/22/99<br>12:00:00<br>AM | ESH-CGP-99-0031                              | 10693   | 1998 WATER USE REPORT: SAVANNAH RIVER SITE                                                                                                                                                                 | M.D. DUKES        | S.B. ADLER                      |
| 005605      | 01/20/99<br>12:00:00<br>AM | 005605                                       | 10693   | USEPA NOTIFIES ALL CONCERNED PARTIES OF THE APPOINTMENT OF DONALD HUNTER AS THE LEAD ENVIRONMENTAL PROTECTION AGENCY (EPA) OFFICIAL RESPONSIBLE FOR OPERABLE UNIT RFI/RI WORK PLAN DEVELOPMENT, REVIEW AND | J.L. CRANE        | B. T. HENNESSEY                 |
| 005614      | 09/05/97<br>12:00:00<br>AM | OD-99-0424                                   | 10693   | DOE THREE PARTY PROTOCOL CHANGE PROCESS PROPOSAL                                                                                                                                                           | B.T. HENNESSEY    | J. L. CRANE / K. A. COLLINSWORT |

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| 005616      | 01/28/99<br>12:00:00<br>AM | ESH-CGP-99-0041                  | 10693   | REVISION TO 1998 SAVANNAH RIVER SITE WATER USE REPORT                                                                                                                                                   | M.D. DUKES                                       | S.B. ALDER                      |
| 005618      | 01/21/99<br>12:00:00<br>AM | ESH-CGP-99-0025                  | 10693   | APPROVAL OF THE CPT LITHOLOGIC PUSH AT THE RPC-2CL MONITORING WELL PROGRAM PLAN                                                                                                                         | L.S. COWARD                                      | R.K. CAUTHEN                    |
| 005625      | 01/21/99<br>12:00:00<br>AM | OD-98-459                        | 10693   | DOE TRANSMITTAL OF THE "RESPONSIBILITIES FOR PUBLIC INVOLVEMENT ACTIVITIES IN REMEDY SELECTION" SECTION OF THE FEDERAL FACILITY AGREEMENT IMPLEMENTATION PLAN                                           | B.T. HENNESSEY                                   | J. L. CRANE / K. A. COLLINSWORT |
| 005630      | 01/14/99<br>12:00:00<br>AM | OD-99-164                        | 10693   | DOE TRANSMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION.0 APPENDIX D FOR FISCAL YEAR 1999 (PRINT DATE 01/13/1999)                                                                                    | B.T. HENNESSEY                                   | J. L. CRANE / K. A. COLLINSWORT |
| 005636      | 12/01/98<br>12:00:00<br>AM | 005636                           | 10693   | TOXICOLOGICAL PROFILE FOR POLYCHLORINATED BIPHENYLS (DRAFT FOR PUBLIC COMMENT)                                                                                                                          | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                 |
| 005637      | 02/02/99<br>12:00:00<br>AM | OD-99-177                        | 10693   | DOE SUBMITTAL OF THE PROTOCOL FOR THE FINAL CONSTITUENTS OF CONCERN SELECTION PROCESS (PROTOCOL ERD-DCI-00003, REVISION.0, JANUARY 11, 1999)                                                            | B.T. HENNESSEY                                   | J. L. CRANE / K. A. COLLINSWORT |
| 005638      | 02/02/99<br>12:00:00<br>AM | OD-99-189                        | 10693   | DOE FEDERAL FACILITY AGREEMENT APPENDIX J, DATA MANAGEMENT PLAN, MODIFICATION (INCLUDES REDLINE, STRIKEOUT COPY OF APPENDIX J).                                                                         | B.T. HENNESSEY                                   | J. L. CRANE / K. A. COLLINSWORT |
| 005662      | 01/01/99<br>12:00:00<br>AM | 005662                           | 10693   | SRS CITIZENS ADVISORY BOARD - SUBCOMMITTEE MEETING ANNOUNCEMENT FOR JANUARY 25 - 26, 1999, AT HOLIDAY INN, HILTON HEAD ISLAND, SC. JOINT SUBCOMMITTEE SESSION - "ENVIRONMENTAL MANAGEMENT INTEGRATION." | WSRC                                             |                                 |
| 005664      | 01/28/99<br>12:00:00<br>AM | ENVIRONMENTAL NOTICE, VOLUME 10, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 10, NUMBER 2, JANUARY 28, 1999.                                                                                                            | WSRC                                             |                                 |
| 005673      | 01/01/99<br>12:00:00<br>AM | 005673                           | 10693   | PROPOSED TEMPLATE/FORMAT & TYPICAL EXAMPLES FOR POST-ROD DOCUMENTS                                                                                                                                      | WSRC                                             |                                 |
| 005679      | 12/01/98<br>12:00:00<br>AM | 005679                           | 10693   | TOXICOLOGICAL PROFILE FOR CHLOROETHANE (UPDATE)                                                                                                                                                         | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                 |
| 005680      | 12/01/98<br>12:00:00<br>AM | 005680                           | 10693   | TOXICOLOGICAL PROFILE FOR CHLOROMETHANE (UPDATE)                                                                                                                                                        | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                 |
| 005681      | 12/01/98<br>12:00:00<br>AM | 005681                           | 10693   | TOXICOLOGICAL PROFILE FOR 1,4-DICHLOROBENZENE (UPDATE)                                                                                                                                                  | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                 |
| 005682      | 12/01/98<br>12:00:00<br>AM | 005682                           | 10693   | TOXICOLOGICAL PROFILE FOR 3,3-DICHLOROBENZIDINE (UPDATE)                                                                                                                                                | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                 |
| 005683      | 12/01/98<br>12:00:00<br>AM | 005683                           | 10693   | TOXICOLOGICAL PROFILE FOR CHLORINATED DIBENZO-P-DIOXINS (UPDATE)                                                                                                                                        | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                 |

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| 005684      | 12/01/98<br>12:00:00<br>AM | 005684                           | 10693   | TOXICOLOGICAL PROFILE FOR 2,4-DINITROTOLUENE AND 2,6-DINITROTOLUENE (UPDATE)                                                                                                                                  | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                  |
| 005685      | 12/01/98<br>12:00:00<br>AM | 005685                           | 10693   | TOXICOLOGICAL PROFILE FOR PHENOL (UPDATE)                                                                                                                                                                     | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                  |
| 005686      | 12/01/98<br>12:00:00<br>AM | 005686                           | 10693   | TOXICOLOGICAL PROFILE FOR SULFUR DIOXIDE                                                                                                                                                                      | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                  |
| 005687      | 12/01/98<br>12:00:00<br>AM | 005687                           | 10693   | TOXICOLOGICAL PROFILE FOR SULFUR TRIOXIDE AND SULFURIC ACID                                                                                                                                                   | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                  |
| 005688      | 02/19/99<br>12:00:00<br>AM | 005688                           | 10693   | USEPA PROVIDES COMMENTS ON PRIMARY DOCUMENT CHECKLISTS FOR RODS AND PROPOSED PLANS                                                                                                                            | J.L. CRANE                                       | B. T. HENNESSEY                  |
| 005689      | 02/19/99<br>12:00:00<br>AM | 005689                           | 10693   | USEPA COMMENTS ON THE PROTOCOL FOR THE FINAL CONSTITUENTS OF CONCERN SELECTION PROCESS (PROTOCOL ERD-DCI-00003, REVISION.0, JANUARY 11, 1999)                                                                 | J.L. CRANE                                       | B. T. HENNESSEY                  |
| 005692      | 02/11/99<br>12:00:00<br>AM | 005692                           | 10693   | LETTER FROM HENNESSEY TO COLLINSWORTH AND CRANE DATED FEBRUARY 2, 1999<br>USEPA PROVIDES COMMENTS ON FFA APPENDICES C AND G FOR FY 99 (PRINT DATE: 8/24/98) REVISION.0                                        | J.L. CRANE                                       | B. T. HENNESSEY                  |
| 005695      | 02/11/99<br>12:00:00<br>AM | 005695                           | 10693   | USEPA CONDITIONALLY APPROVES FISCAL YEAR 1999 APPENDIX D TO THE FEDERAL FACILITY AGREEMENT (MUST REVISE FOOTNOTE 3 TO BE CONSISTENT WITH THE LAST APPROVED VERSION OF APPENDIX D, I.E., REVISION DATE 8/3/98) | J.L. CRANE                                       | B. T. HENNESSEY                  |
| 005696      | 02/24/99<br>12:00:00<br>AM | 005696                           | 10693   | SCDHEC PROVIDES COMMENTS ON PRELIMINARY BACKGROUND SOILS STUDY REPORT FOR THE U.S. DEPARTMENT OF ENERGY SAVANNAH RIVER SITE (SRS), REVISION 0, DATED NOVEMBER 1996)                                           | K.A. COLLINSWORTH                                | B.T. HENNESSEY                   |
| 005697      | 02/25/99<br>12:00:00<br>AM | 005697                           | 10693   | SCDHEC PROVIDES COMMENTS ON FFA PRIMARY DOCUMENT FORMAT/ANNOTATED OUTLINE: STATEMENT OF BASIS/PROPOSED PLAN (SOB/PP) AND RECORD OF DECISION (ROD)                                                             | K.A. COLLINSWORTH                                | B.T. HENNESSEY                   |
| 005709      | 02/17/99<br>12:00:00<br>AM | 005709                           | 10693   | SCDHEC APPROVES SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT MODIFICATION OF APPENDIX J, DATA MANAGEMENT PLAN, DATED JANUARY 1999                                                                           | K.A. COLLINSWORTH                                | B.T. HENNESSEY                   |
| 005710      | 03/02/99<br>12:00:00<br>AM | WSRC-OS-94-42                    | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT (MODIFICATION TO APPENDIX J, DATA MANAGEMENT PLAN (CHANGE FROM USEPA - REGION IV INTERCHANGE FILE FORMAT TO TAB-DELIMITED FORMAT. CHANGE PAGES ATTACHED).      | WSRC                                             |                                  |
| 005719      | 03/08/99<br>12:00:00<br>AM | OD-99-026                        | 10693   | DOE ANNUAL TANK ASSESSMENT AND STATUS REPORTS FOR THE SAVANNAH RIVER SITE (SRS) HIGH LEVEL WASTE (HLW) TANK SYSTEMS                                                                                           | B.T. HENNESSEY                                   | J. L. CRANE / K. A. COLLINSWORTH |
| 005749      | 03/05/99<br>12:00:00<br>AM | ENVIRONMENTAL NOTICE, VOLUME 10, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 10, NUMBER 3, MARCH 5, 1999.                                                                                                                     | WSRC                                             |                                  |
| 005759      | 03/18/99<br>01:00:00<br>AM | ENVIRONMENTAL NOTICE, VOLUME 10, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 10, NUMBER 5, MARCH 18, 1999.                                                                                                                    | WSRC                                             |                                  |



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| 005764      | 03/22/99 01:00:00 AM | 005764          | 10693   | USEPA AND SCDHEC REACH CONSENSUS ON ISSUES DISCUSSED AT THE SRS-FEDERAL FACILITY AGREEMENT (FFA) PROGRAM TECHNICAL AND ADMINISTRATIVE MEETING HELD BETWEEN SCDHEC AND USEPA-IV ON DECEMBER 7-9,            | K.A. COLLINSWORTH / J.L. CRANE | B.T. HENNESSEY                   |
| 005784      | 01/21/99 12:00:00 AM | 005784          | 10693   | FFA PROJECT MANAGERS MEETINGS MEETING RECORD                                                                                                                                                               | WSRC                           |                                  |
| 005795      | 04/12/99 12:00:00 AM | OD-99-250       | 10693   | SUBMITTAL OF THE FINAL ECOLOGICAL PROTOCOLS - ECOLOGICAL RISK-BASED REMEDIAL GOAL OPTIONS; BIOACCUMULATION AND BIOCONCENTRATION SCREENING; ECOLOGICAL CONSTITUENTS OF POTENTIAL CONCERN SELECTION PROCESS; | B.T. HENNESSEY                 | J. L. CRANE / K. A. COLLINSWORTH |
| 005808      | 03/31/99 01:00:00 AM | ESH-CGP-99-0052 | 10693   | REQUEST FOR CERCLA ACCEPTABILITY DETERMINATION FOR THE CONSOLIDATED INCINERATOR FACILITY, TANK 50H, Z-AREA SALTSTONE AND ASSOCIATED FACILITIES AT SRS                                                      | M.D. DUKES                     | K.A. COLLINSWORTH                |
| 005913      | 04/30/99 12:00:00 AM | 005913          | 10693   | USEPA APPROVES FINAL ECOLOGICAL PROTOCOLS FOR IMPLEMENTATION AND INCORPORATION INTO A REVISED FEDERAL FACILITY AGREEMENT IMPLEMENTATION                                                                    | J. L. CRANE                    | B. T. HENNESSEY                  |
| 005919      | 04/19/99 12:00:00 AM | 005919          | 10693   | SCDHEC COMMENTS ON FFA PRIMARY DOCUMENT/TEMPLATE/FORMAT & TYPICAL EXAMPLES:CORRECTIVE MEASURES IMPLEMENTATION/REMEDIAL ACTION WORK PLAN (CMI/RAWP), DATED JAN. 1999, RECEIVED FEB. 24, 1999 ATTACHED       | K.A. COLLINSWORTH              | B. T. HENNESSEY                  |
| 005928      | 04/23/99 12:00:00 AM | 005928          | 10693   | USEPA RESERVES THE RIGHT TO REQUEST ADDITIONAL INFORMATION ON THE DRAFT POST-RECORD OF DECISION DOCUMENT FORMAT/TEMPLATE JAN. 1999 IN ORDER TO FULFILL ITS OVERSIGHT RESPONSIBILITIES.                     | K. B. FEELY                    | B. T. HENNESSEY                  |
| 005929      | 10/17/95 12:00:00 AM | 005929          | 10693   | NEWSPAPER ADVERTISEMENT- DRAFT WASTE MANAGEMENT PROGRAMMATIC ENVIRONMENTAL IMPACT STATEMENT                                                                                                                | WSRC                           |                                  |
| 005930      | 11/01/95 01:00:00 AM | 005930          | 10693   | NEWSPAPER ADVERTISEMENT- CITIZENS ADVISORY BOARD- MEMBERSHIP REPLACEMENT                                                                                                                                   | WSRC                           |                                  |
| 005931      | 10/01/95 12:00:00 AM | 005931          | 10693   | NEWSPAPER ADVERTISEMENT- CITIZENS ADVISORY BOARD- SEEKING NEW MEMBERS                                                                                                                                      | WSRC                           |                                  |
| 005934      | 01/30/96 005934      | 005934          | 10693   | NEWSPAPER ADVERTISEMENT- APPLICATION FOR NAVIGABLE WATERS PERMIT TO CONDUCT A DOMESTIC WATER SUPPLY PIPELINE                                                                                               | WSRC                           |                                  |
| 005937      | 11/20/96 005937      | 005937          | 10693   | NEWSPAPER ADVERTISEMENT- USDA SAVANNAH RIVER OPERATIONS OFFICE REQUESTS COMMENTS ON : ANALYSIS OF REMOVAL ALTERNATIVES OR THE HEAVY WATER COMPONENTS TEST REACTOR                                          | WSRC                           |                                  |
| 005941      | 04/30/96 12:00:00 AM | 005941          | 10693   | NEWSPAPER ADVERTISEMENT- THE DEPT OF ENERGY IS INTERESTED IN YOUR COMMENTS ON THREE DRAFT ENVIRONMENTAL IMPACT STATEMENTS THAT COULD MEAN NEW MISSIONS FOR THE SAVANNAH RIVER SITE                         | WSRC                           |                                  |
| 005942      | 04/25/96 12:00:00 AM | 005942          | 10693   | NEWSPAPER ADVERTISEMENT- PLUTONIUM DISPOSITION                                                                                                                                                             | WSRC                           |                                  |
| 005944      | 06/13/96 12:00:00 AM | 005944          | 10693   | NEWSPAPER ADVERTISEMENT- SRS HIGH LEVEL WASTE VENDOR FORUM                                                                                                                                                 | WSRC                           |                                  |

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| 005946         | 07/16/96<br>12:00:00<br>AM | 005946     | 10693   | NEWSPAPER ADVERTISEMENT- DOE'S OFFICE OF ENVIRONMENTAL MANAGEMENT<br>AND THE SAVANNAH RIVER SITE'S 10- YEAR PLAN                       | WSRC   |           |
| 005947         | 08/27/96<br>12:00:00<br>AM | 005947     | 10693   | NEWSPAPER ADVERTISEMENT- SRS ENVIRONMENTAL MANAGEMENT TEN YEAR PLAN                                                                    | WSRC   |           |
| 005948         | 09/30/96<br>12:00:00<br>AM | 005948     | 10693   | NEWSPAPER ADVERTISEMENT- SRS ENVIRONMENTAL MANAGEMENT TEN YEAR PLAN                                                                    | WSRC   |           |
| 005949         | 10/02/96<br>12:00:00<br>AM | 005949     | 10693   | NEWSPAPER ADVERTISEMENT- SMALL BUSINESS AWARENESS DAY '96                                                                              | WSRC   |           |
| 005950         | 09/19/96<br>12:00:00<br>AM | 005950     | 10693   | NEWSPAPER ADVERTISEMENT- SRS ENVIRONMENTAL MANAGEMENT TEN YEAR PLAN                                                                    | WSRC   |           |
| 005951         | 09/17/96<br>12:00:00<br>AM | 005951     | 10693   | NEWSPAPER ADVERTISEMENT- SRS PUBLIC COMMENT PERIOD FOR SEVEN WASTE<br>UNITS SCHEDULED                                                  | WSRC   |           |
| 005952         | 10/22/96<br>12:00:00<br>AM | 005952     | 10693   | NEWSPAPER ADVERTISEMENT- PROPOSED TRITIUM PROJECTS AT THE SAVANNAH<br>RIVER SITE                                                       | WSRC   |           |
| 005953         | 02/14/96<br>12:00:00<br>AM | 005953     | 10693   | NEWSPAPER ADVERTISEMENT- PROPOSED SRS ACCELERATOR FOR TRITIUM<br>PRODUCTION                                                            | WSRC   |           |
| 005954         | 12/31/96                   | 005954     | 10693   | NEWSPAPER ADVERTISEMENT- PROPOSED SRS ACCELERATOR FOR TRITIUM<br>PRODUCTION                                                            | WSRC   |           |
| 005956         | 01/01/96<br>12:00:00<br>AM | 005956     | 10693   | NEWSPAPER ADVERTISEMENT- SRS FISCAL YEAR 1998 BUDGET PRIORITIZATION<br>MEETING                                                         | WSRC   |           |
| 005957         | 01/01/96<br>12:00:00<br>AM | 005957     | 10693   | NEWSPAPER ADVERTISEMENT- SRS CITIZENS ADVISORY BOARD                                                                                   | WSRC   |           |
| 005958         | 02/08/96<br>12:00:00<br>AM | 005958     | 10693   | NEWSPAPER ADVERTISEMENT- SRS CITIZENS ADVISORY BOARD - SUBCOMMITTEE<br>MEETINGS - FEBRUARY 1996                                        | WSRC   |           |
| 005959         | 02/29/96<br>12:00:00<br>AM | 005959     | 10693   | NEWSPAPER ADVERTISEMENT- SRS CITIZENS ADVISORY BOARD - MEMBERSHIP<br>REPLACEMENT NOTIFICATION - FEBRUARY 1996                          | WSRC   |           |
| 005960         | 03/01/96<br>12:00:00<br>AM | 005960     | 10693   | NEWSPAPER ADVERTISEMENT- SRS CITIZENS ADVISORY BOARD - MEETINGS                                                                        | WSRC   |           |
| 005961         | 03/21/96<br>01:00:00<br>AM | 005961     | 10693   | NEWSPAPER ADVERTISEMENT- ACCEPTANCE, TRANSPORT AND MANAGEMENT OF<br>FOREIGN RESEARCH REACTOR SPENT NUCLEAR FUEL BY THE DEPT. OF ENERGY | WSRC   |           |

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| 005962      | 04/01/96<br>01:00:00<br>AM | 005962     | 10693   | NEWSPAPER ADVERTISEMENT- CITIZENS ADVISORY BOARD - SUBCOMMITTEE MEETINGS                                                                                 | WSRC   |           |
| 005963      | 05/01/96<br>12:00:00<br>AM | 005963     | 10693   | NEWSPAPER ADVERTISEMENT- CITIZENS ADVISORY BOARD - REGULAR BOARD MEETINGS                                                                                | WSRC   |           |
| 005964      | 06/01/96<br>12:00:00<br>AM | 005964     | 10693   | NEWSPAPER ADVERTISEMENT- CITIZENS ADVISORY BOARD - RISK MANAGEMENT & FUTURE USE SUBCOMMITTEE MEETING                                                     | WSRC   |           |
| 005965      | 07/19/96<br>12:00:00<br>AM | 005965     | 10693   | NEWSPAPER ADVERTISEMENT- CITIZENS ADVISORY BOARD - NUCLEAR MATERIALS MANAGEMENT SUBCOMMITTEE MEETING                                                     | WSRC   |           |
| 005966      | 07/23/96<br>12:00:00<br>AM | 005966     | 10693   | NEWSPAPER ADVERTISEMENT- CITIZENS ADVISORY BOARD - REGULAR BOARD MEETING                                                                                 | WSRC   |           |
| 005967      | 08/23/96<br>12:00:00<br>AM | 005967     | 10693   | NEWSPAPER ADVERTISEMENT- CITIZENS ADVISORY BOARD - SUBCOMMITTEE MEETINGS                                                                                 | WSRC   |           |
| 005968      | 09/01/96<br>12:00:00<br>AM | 005968     | 10693   | NEWSPAPER ADVERTISEMENT- CITIZENS ADVISORY BOARD - SEEKING DEDICATED NEW MEMBERS                                                                         | WSRC   |           |
| 005969      | 09/24/96<br>12:00:00<br>AM | 005969     | 10693   | NEWSPAPER ADVERTISEMENT- CITIZENS ADVISORY BOARD - REGULAR BOARD MEETING                                                                                 | WSRC   |           |
| 005970      | 09/01/96<br>12:00:00<br>AM | 005970     | 10693   | NEWSPAPER ADVERTISEMENT- CITIZENS ADVISORY BOARD - SUBCOMMITTEE MEETINGS (ENVIRONMENTAL REMEDIATION & WASTE MANAGEMENT AND NUCLEAR MATERIALS MANAGEMENT) | WSRC   |           |
| 005971      | 10/01/96<br>12:00:00<br>AM | 005971     | 10693   | NEWSPAPER ADVERTISEMENT- CITIZENS ADVISORY BOARD                                                                                                         | WSRC   |           |
| 005972      | 11/01/96<br>01:00:00<br>AM | 005972     | 10693   | NEWSPAPER ADVERTISEMENT - CITIZENS ADVISORY BOARD                                                                                                        | WSRC   |           |
| 005973      | 12/12/96<br>12:00:00<br>AM | 005973     | 10693   | NEWSPAPER ADVERTISEMENT - CITIZENS ADVISORY BOARD - NUCLEAR MATERIALS MANAGEMENT AND ENVIRONMENTAL REMEDIATION & WASTE MANAGEMENT SUBCOMMITTEE MEETING   | WSRC   |           |
| 005974      | 12/02/96<br>12:00:00<br>AM | 005974     | 10693   | NEWSPAPER ADVERTISEMENT - CITIZENS ADVISORY BOARD - PUBLIC MEETING ON THE TEN YEAR PLAN                                                                  | WSRC   |           |
| 005975      | 01/22/97                   | 005975     | 10693   | NEWSPAPER ADVERTISEMENT - HAZARDOUS WASTE PERMIT MODIFICATION REQUEST                                                                                    | WSRC   |           |
| 005976      | 01/29/97                   | 005976     | 10693   | NEWSPAPER ADVERTISEMENT - ANNUAL REVISION OF THE RCRA/CERCLA UNITS LIST AND THE SITE EVALUATION LIST                                                     | WSRC   |           |

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| 005978      | 02/18/97 12:00:00 AM | 005978     | 10693   | NEWSPAPER ADVERTISEMENT - PUBLIC MEETING ON SRS TEN YEAR PLAN                                                                                    | WSRC   |           |
| 005979      | 03/03/97 12:00:00 AM | 005979     | 10693   | NEWSPAPER ADVERTISEMENT - PUBLIC NOTIFICATION OF MEMBERSHIP REPLACEMENT                                                                          | WSRC   |           |
| 005980      | 03/25/97 01:00:00 AM | 005980     | 10693   | NEWSPAPER ADVERTISEMENT- PUBLIC INVITATION TO AN INFORMATIONAL OPEN HOUSE TO DISCUSS CONSOLIDATED INCINERATION FACILITY (CIF) OPERATIONS         | WSRC   |           |
| 005983      | 06/19/97 12:00:00 AM | 005983     | 10693   | NEWSPAPER ADVERTISEMENT- DISPOSITION OF SURPLUS PLUTONIUM                                                                                        | WSRC   |           |
| 005984      | 06/26/97 12:00:00 AM | 005984     | 10693   | NEWSPAPER ADVERTISEMENT- ACCELERATING CLEANUP: FOCUS ON 2006                                                                                     | WSRC   |           |
| 005985      | 06/12/97 12:00:00 AM | 005985     | 10693   | NEWSPAPER ADVERTISEMENT- SPENT NUCLEAR FUEL EDUCATION FORUM                                                                                      | WSRC   |           |
| 005986      | 07/01/97 12:00:00 AM | 005986     | 10693   | NEWSPAPER ADVERTISEMENT- FINAL RECORDS OF DECISION FOR 8 ER WASTE UNITS                                                                          | WSRC   |           |
| 005987      | 07/15/97 12:00:00 AM | 005987     | 10693   | NEWSPAPER ADVERTISEMENT- ACCELERATING CLEANUP: FOCUS ON 2006                                                                                     | WSRC   |           |
| 005988      | 08/28/97 12:00:00 AM | 005988     | 10693   | NEWSPAPER ADVERTISEMENT- DOE-SR ANNOUNCES THE AVAILABILITY OF A REPORT, SAVANNAH RIVER SITE (SRS) FIVE-YEAR REVIEW OF RECORDS OF DECISION REPORT | WSRC   |           |
| 005995      | 01/01/97 12:00:00 AM | 005995     | 10693   | NEWSPAPER ADVERTISEMENT- CITIZENS ADVISORY BOARD                                                                                                 | WSRC   |           |
| 005997      | 03/01/97 12:00:00 AM | 005997     | 10693   | NEWSPAPER ADVERTISEMENT- CITIZENS ADVISORY BOARD                                                                                                 | WSRC   |           |
| 005998      | 04/01/97 01:00:00 AM | 005998     | 10693   | NEWSPAPER ADVERTISEMENT- CITIZENS ADVISORY BOARD                                                                                                 | WSRC   |           |
| 005999      | 05/01/97 12:00:00 AM | 005999     | 10693   | NEWSPAPER ADVERTISEMENT- CITIZENS ADVISORY BOARD                                                                                                 | WSRC   |           |
| 006001      | 07/01/97 12:00:00 AM | 006001     | 10693   | NEWSPAPER ADVERTISEMENT- CITIZENS ADVISORY BOARD- SUBCOMMITTEE MEETINGS                                                                          | WSRC   |           |
| 006002      | 08/01/97 12:00:00 AM | 006002     | 10693   | NEWSPAPER ADVERTISEMENT- CITIZENS ADVISORY BOARD- SUBCOMMITTEE MEETINGS                                                                          | WSRC   |           |

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| 006003      | 09/01/97<br>12:00:00<br>AM | 006003     | 10693   | NEWSPAPER ADVERTISEMENT- CITIZENS ADVISORY BOARD- SUBCOMMITTEE MEETINGS                                                                                                       | WSRC   |           |
| 006004      | 10/01/97<br>12:00:00<br>AM | 006004     | 10693   | NEWSPAPER ADVERTISEMENT- CITIZENS ADVISORY BOARD- SUBCOMMITTEE MEETINGS                                                                                                       | WSRC   |           |
| 006005      | 11/01/97<br>01:00:00<br>AM | 006005     | 10693   | NEWSPAPER ADVERTISEMENT- CITIZENS ADVISORY BOARD- SUBCOMMITTEE MEETINGS                                                                                                       | WSRC   |           |
| 006006      | 11/01/97<br>01:00:00<br>AM | 006006     | 10693   | NEWSPAPER ADVERTISEMENT- CITIZENS ADVISORY BOARD- SEEKING DEDICATED NEW MEMBERS                                                                                               | WSRC   |           |
| 006007      | 01/26/98<br>12:00:00<br>AM | 006007     | 10693   | NEWSPAPER ADVERTISEMENT- CITIZENS ADVISORY BOARD- SUBCOMMITTEE MEETINGS                                                                                                       | WSRC   |           |
| 006008      | 03/23/98<br>01:00:00<br>AM | 006008     | 10693   | NEWSPAPER ADVERTISEMENT- CITIZENS ADVISORY BOARD- SUBCOMMITTEE MEETINGS                                                                                                       | WSRC   |           |
| 006009      | 03/03/98<br>12:00:00<br>AM | 006009     | 10693   | NEWSPAPER ADVERTISEMENT- CITIZENS ADVISORY BOARD- PUBLIC NOTIFICATION OF MEMBERSHIP REPLACEMENT                                                                               | WSRC   |           |
| 006010      | 05/18/98<br>12:00:00<br>AM | 006010     | 10693   | NEWSPAPER ADVERTISEMENT- CITIZENS ADVISORY BOARD                                                                                                                              | WSRC   |           |
| 006012      | 07/27/98<br>12:00:00<br>AM | 006012     | 10693   | NEWSPAPER ADVERTISEMENT- CITIZENS ADVISORY BOARD - MEETINGS                                                                                                                   | WSRC   |           |
| 006014      | 03/11/99<br>12:00:00<br>AM | 006014     | 10693   | NEWSPAPER ADVERTISEMENT- DOE SUPPLEMENTAL ENVIRONMENTAL IMPACT STATEMENT (SEIS) ON PROPOSED REPLACEMENT OF THE IN-TANK PRECIPITATION PROCESS (ITP) AT THE SAVANNAH RIVER SITE | WSRC   |           |
| 006019      | 06/09/98<br>12:00:00<br>AM | 006019     | 10693   | NEWSPAPER ADVERTISEMENT- TRITIUM EXTRACTION FACILITY DRAFT ENVIRONMENTAL IMPACT STATEMENT                                                                                     | WSRC   |           |
| 006020      | 01/13/98<br>12:00:00<br>AM | 006020     | 10693   | NEWSPAPER ADVERTISEMENT- ACCELERATOR PRODUCTION OF TRITIUM DRAFT ENVIRONMENTAL IMPACT STATEMENT                                                                               | WSRC   |           |
| 006022      | 08/13/98<br>12:00:00<br>AM | 006022     | 10693   | NEWSPAPER ADVERTISEMENT- SURPLUS PLUTONIUM DISPOSITION DRAFT ENVIRONMENTAL IMPACT STATEMENT                                                                                   | WSRC   |           |
| 006028      | 11/16/98<br>12:00:00<br>AM | 006028     | 10693   | NEWSPAPER ADVERTISEMENT - CITIZENS ADVISORY BOARD - MEETINGS                                                                                                                  | WSRC   |           |
| 006029      | 09/28/98<br>12:00:00<br>AM | 006029     | 10693   | NEWSPAPER ADVERTISEMENT - CITIZENS ADVISORY BOARD - MEETINGS                                                                                                                  | WSRC   |           |

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| 006030      | 01/25/99<br>12:00:00<br>AM | 006030          | 10693   | NEWSPAPER ADVERTISEMENT - CITIZENS ADVISORY BOARD - MEETINGS                                                                                         | WSRC                          |                 |
| 006034      | 02/02/99<br>12:00:00<br>AM | 006034          | 10693   | NEWSPAPER ADVERTISEMENT - SAVANNAH RIVER SITE SPENT NUCLEAR FUEL MANAGEMENT DRAFT ENVIRONMENTAL IMPACT STATEMENT                                     | WSRC                          |                 |
| 006036      | 03/09/99                   | 006036          | 10693   | NEWSPAPER ADVERTISEMENT -CITIZENS ADVISORY BOARD - SEEKING DEDICATED NEW MEMBERS                                                                     | WSRC                          |                 |
| 006037      | 02/14/95<br>12:00:00<br>AM | 006037          | 10693   | NEWSPAPER ADVERTISEMENT -COMMUNITY FORUM ON THE PROPOSED SRS ACCELERATOR FOR TRITIUM PRODUCTION                                                      | WSRC                          |                 |
| 006047      | 05/18/99                   | 006047          | 10693   | SCDHEC APPROVAL OF THE FISCAL YEAR 1999 FEDERAL FACILITY AGREEMENT (FFA) APPENDICES D AND E, DATED APRIL 30, 1999                                    | K. A. COLLINSWORTH/J.L. CRANE | B. T. HENNESSEY |
| 006050      | 05/10/99                   | 006050          | 10693   | USEPA COMMENTS ON PROTOCOL FOR CONSTITUENT OF CONCERN REFINEMENT PROCESS SAVANNAH RIVER SITE                                                         | J. L. CRANE                   | B. T. HENNESSEY |
| 006072      | 11/11/97                   | WSRC-RP-99-406  | 10693   | DRAFT WHITE PAPER ON CLOSURE/REMEDATION OF WASTE FACILITIES SUBJECT TO SOUTH CAROLINA REGULATIONS AT THE SAVANNAH RIVER SITE                         | WSRC                          |                 |
| 006074      | 05/21/99                   | 006074          | 10693   | SCDHEC APPROVES ECOLOGICAL PROTOCOLS, DATED APRIL 12, 1999                                                                                           | K. A. COLLINSWORTH            | B. T. HENNESSEY |
| 006076      | 05/18/99                   | 006076          | 10693   | UPDATE OF THE EPA'S FFA OVERSIGHT PERSONNEL ASSIGNMENTS                                                                                              | J. L. CRANE                   | B. T. HENNESSEY |
| 006078      | 05/10/99                   | ESH-CGP-99-0154 | 10693   | APPLICATION FOR AN UNDERGROUND INJECTION CONTROL (UIC) PERMIT FOR THE LYNNTech DEMONSTRATION AT THE M-AREA SOLVENT STORAGE TANK, SAVANNAH RIVER SITE | M.D. DUKES                    |                 |
| 006081      | 04/30/99                   | ESH-FSS-99-0123 | 10693   | SUBMITTAL OF WETLANDS MONITORING PROPOSAL                                                                                                            | J.V. ODUM                     |                 |
| 006084      | 03/15/95                   | ECSD-SGS-95-013 | 10693   | DEVELOPING A RANGE OF MAXIMUM/MINIMUM VALUES FOR NATURALLY-OCCURRING BACKGROUND IN SRS SOILS                                                         | WSRC                          |                 |
| 006085      | 08/17/95                   | ECSD-SGS-95-033 | 10693   | CORRECTION TO "DEVELOPING A RANGE OF MAXIMUM/MINIMUM VALUES FOR NATURALLY-OCCURRING BACKGROUND IN SRS SOILS", ECSD-SGS-95-0134, MARCH 15, 1995       | WSRC                          |                 |
| 006088      | 05/24/99                   | 006088          | 10693   | CITIZENS ADVISORY BOARD - BI-MONTHLY MEETING                                                                                                         | WSRC                          |                 |
| 006094      | 04/13/99                   | ERD-99-0510     | 10693   | INTEGRATED OPERABLE UNIT (IOU) DISCUSSION - MAJOR POINTS (4/13/99)                                                                                   | D. EARNHART                   |                 |

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|-------------|----------|------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|---------------------------------|
| 006101      | 04/16/99 | OD-99-033                          | 10693   | LETTER, WARREN AND LINDLER TO ANDERSON; NOTICE OF FAILURE, INTERATOR OPERABLE UNIT (IOU) WORK PLAN AND FIELD START MILESTONES, SAVANNAH RIVER SITE; DATED 3/31/99                                     | C. V. ANDERSON                                   |                                 |
| 006106      | 06/10/99 | OD-99-281                          | 10693   | DOE SUBMITTAL OF THE FINAL HUMAN HEALTH CONSTITUENTS OF POTENTIAL CONCERN AND CONSTITUENTS OF CONCERN REFINEMENT PROCESS PROTOCOLS, DOCUMENT CHANGE IMPACT ASSESSMENT ERD-DCI-00006 AND ERD-DCI-00007 | B. T. HENNESSEY                                  | J. L. CRANE / K. A. COLLINSWORT |
| 006107      | 05/17/99 | WSRC-RP-96-120, REV. 2             | 10693   | SAVANNAH RIVER SITE COMMUNITY RELATIONS PLAN                                                                                                                                                          | WSRC                                             |                                 |
| 006115      | 12/21/99 | 006115                             | 10693   | CITIZEN ADVISORY BOARD - FOCUS GROUP EVALUATES ITP REPLACEMENT PROCESS                                                                                                                                | WSRC                                             |                                 |
| 006119      | 03/01/99 | 006119                             | 10693   | TOXICOLOGICAL PROFILE FOR MERCURY (UPDATE)                                                                                                                                                            | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                 |
| 006121      | 01/10/97 | 006121                             | 10693   | COMMENT LETTERS ON HEAVY WATER COMPONENTS TEST REACTOR                                                                                                                                                | A. ROE                                           | J. McNEIL                       |
| 006122      | 12/31/97 | 006122                             | 10693   | SAVANNAH RIVER SITE ENVIRONMENTAL REPORT FOR 1997                                                                                                                                                     | WSRC                                             |                                 |
| 006123      | 03/03/99 | 006123                             | 10693   | REPLACEMENT PAGES FOR THE FINAL TOXICOLOGICAL PROFILE FOR BENZENE                                                                                                                                     | C. D. ROSA                                       |                                 |
| 006128      | 04/30/99 | WSRC-TR-99-001                     | 10693   | MONITORING PLAN FOR THE WETLANDS DOWN-GRADIENT FROM THE F- AND H-AREA SEEPAGE BASINS, SAVANNAH RIVER SITE (WSRC-TR-99-00146)                                                                          | WSRC                                             |                                 |
| 006147      | 06/17/99 | OD-99-278                          | 10693   | DOE NONMAJOR FEDERAL FACILITY AGREEMENT MODIFICATION FOR SUSPENSION OF FY99 APPENDICES D AND E MILESTONES                                                                                             | B. T. HENNESSEY                                  | J. L. CRANE / K. A. COLLINSWORT |
| 006148      | 04/01/99 | OSWER DIRECTIVE #9200.4-17P        | 10693   | USE OF MONITORED NATURAL ATTENUATION AT SUPERFUND, RCRA CORRECTIVE ACTION, AND UNDERGROUND STORAGE TANK SITES                                                                                         | USEPA                                            |                                 |
| 006149      | 06/14/99 | ENVIRONMENTAL BULLETIN, VOLUME 10, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 10, NUMBER 9, DATED JUNE 14, 1999                                                                                                        | WSRC                                             |                                 |
| 006175      | 06/25/99 | ENVIRONMENTAL BULLETIN, VOLUME 10, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 10, NUMBER 10, DATED JUNE 25, 1999                                                                                                       | WSRC                                             |                                 |
| 006187      | 07/24/95 | 006187                             | 10693   | NEWSPAPER ADVERTISEMENT - INPUT ON NATIONWIDE STOCKPILE STEWARDSHIP AND MANAGEMENT PROGRAMMATIC ENVIRONMENTAL IMPACT STATEMENT                                                                        | WSRC                                             |                                 |
| 006188      | 08/02/95 | 006188                             | 10693   | NEWSPAPER ADVERTISEMENT - CERCLA SITE EVALUATION REMOVAL ACTION REPORTS FOR CLEANUP OF R-AREA LOCATIONS                                                                                               | WSRC                                             |                                 |

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| 006194      | 05/24/99 | 006194                             | 10693   | NEWSPAPER ADVERTISEMENT - CITIZENS ADVISORY BOARD                                                                                                                                                                                                                                                                 | WSRC                                             |                                  |
| 006236      | 07/29/99 | 006236                             | 10693   | SCDHEC APPROVES THE FEDERAL FACILITY AGREEMENT (FFA) MODIFICATION TO APPENDICES D AND E FOR THE EXTENSION OF TIMETABLES AND DEADLINES DUE TO THE REMEDIAL EVALUATION DESIGN TEAM, JULY 21, 1999                                                                                                                   | K. A. COLLINSWORTH                               | B. T. HENNESSEY                  |
| 006239      | 08/02/99 | 006239                             | 10693   | ENVIRONMENTAL NOTICE - HAZARDOUS WASTE PERMIT APPLICATION MODIFICATION REQUEST                                                                                                                                                                                                                                    | WSRC                                             |                                  |
| 006244      | 07/29/99 | 006244                             | 10693   | SCDHEC APPROVES THE FEDERAL FACILITY AGREEMENT (FFA) MODIFICATION TO APPENDICES D AND E FOR THE EXTENSION OF TIMETABLES AND DEADLINES DUE TO THE REMEDIAL EVALUATION DESIGN TEAM, JULY 21, 1999                                                                                                                   | K. A. COLLINSWORTH                               | B. T. HENNESSEY                  |
| 006245      | 08/10/99 | OD-99-291                          | 10693   | DOE SUBMITTAL OF THE PROTOCOL AND DOCUMENT CHANGE IMPACT ASSESSMENT FOR DESIGN CHANGES DURING CONSTRUCTION                                                                                                                                                                                                        | B T. HENNESSEY                                   | J. L. CRANE / K. A. COLLINSWORTH |
| 006249      | 07/23/99 | 006249                             | 10693   | USEPA AGREES WITH FEDERAL FACILITY AGREEMENT FFA MINOR MODIFICATION TO APPENDICES D AND E FOR THE EXTENSION OF TIMETABLES AND DEADLINES DUE TO THE REMEDIAL EVALUATION DESIGN TEAM                                                                                                                                | J. L. CRANE                                      | B. T. HENNESSEY                  |
| 006251      | 08/09/99 | 006251                             | 10693   | USEPA PROPOSES FORMATION OF AN ELECTRONIC KNOWLEDGE MANAGEMENT (EKM) DESIGN TEAM AS A FORUM TO DISCUSS HOW DATA AND INFORMATION CAN BE EFFECTIVELY STORED, RETRIEVED, AND ANALYZED BY THE DOE, EPA, SCDHEC AND ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 10, NUMBER 13, DATED AUGUST 13, 1999. | J. L CRANE                                       | B. T. HENNESSEY                  |
| 006261      | 08/13/99 | ENVIRONMENTAL BULLETIN, VOLUME 10, | 10693   |                                                                                                                                                                                                                                                                                                                   | WSRC                                             |                                  |
| 006264      | 07/15/99 | WSRC-OS-94-42                      | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT - APPENDIX D, PAGES D-1 THRU D-5 (7/15/99); APPENDIX E.1, PAGES E.1-1 THRU E.1-3 (7/15/99); APPENDIX E.2, PAGES E.2-1 THRU E.2-4 (7/15/99); APPENDIX E.3, PAGES E.3-1 THRU E.3-8 (7/15/99);                                                                        | WSRC                                             |                                  |
| 006268      | 09/07/99 | 006268                             | 10693   | HAZARDOUS SUBSTANCES & PUBLIC HEALTH - VOLUME 10, NUMBER 2, SUMMER 1999                                                                                                                                                                                                                                           | HS & PH,VOLUME 10,NUMBER 2                       |                                  |
| 006273      | 08/27/99 | 006273                             | 10693   | YOUR COMMUNITY NEEDS YOU - YOU ARE INVITED TO APPLY FOR MEMBERSHIP ON THE SAVANNAH RIVER SITE CITIZENS ADVISORY BOARD                                                                                                                                                                                             | WSRC                                             |                                  |
| 006279      | 07/13/99 | 006279                             | 10693   | SCDHEC SOUTH CAROLINA HAZARDOUS AND MIXED WASTE PERMIT DEADLINES FOR THE F- AND H-AREA GROUNDWATER TREATMENT UNITS                                                                                                                                                                                                | K.K. HAGEN                                       |                                  |
| 006295      | 07/01/99 | 006295                             | 10693   | TOXICOLOGICAL PROFILE FOR ALUMINUM (UPDATE)                                                                                                                                                                                                                                                                       | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                  |
| 006296      | 07/01/99 | 006296                             | 10693   | TOXICOLOGICAL PROFILE FOR CADMIUM (UPDATE)                                                                                                                                                                                                                                                                        | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                  |
| 006297      | 07/01/99 | 006297                             | 10693   | TOXICOLOGICAL PROFILE FOR CHLOROPHENOLS (UPDATE)                                                                                                                                                                                                                                                                  | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                  |



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| 006298      | 07/01/99 | 006298                 | 10693   | TOXICOLOGICAL PROFILE FOR ETHYLBENZENE (UPDATE)                                                                                                                                                                       | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                    |
| 006299      | 09/01/99 | 006299                 | 10693   | TOXICOLOGICAL PROFILE FOR FORMALDEHYDE                                                                                                                                                                                | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                    |
| 006300      | 07/01/99 | 006300                 | 10693   | TOXICOLOGICAL PROFILE FOR ALPHA-, BETA-, GAMMA- AND DELTA-HEXACHLOROCYCLOHEXANE (UPDATE)                                                                                                                              | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                    |
| 006301      | 07/01/99 | 006301                 | 10693   | TOXICOLOGICAL PROFILE FOR HEXACHLOROCYCLOPENTADIENE                                                                                                                                                                   | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                    |
| 006302      | 07/01/99 | 006302                 | 10693   | TOXICOLOGICAL PROFILE FOR HEXANE                                                                                                                                                                                      | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                    |
| 006303      | 07/01/99 | 006303                 | 10693   | TOXICOLOGICAL PROFILE FOR HYDROGEN SULFIDE                                                                                                                                                                            | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                    |
| 006304      | 07/01/99 | 006304                 | 10693   | TOXICOLOGICAL PROFILE FOR LEAD (UPDATE)                                                                                                                                                                               | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                    |
| 006314      | 08/04/99 | 006314                 | 10693   | CERCLA OFF-SITE RULE; NOTICE OF ACCEPTABILITY FOR THE M-1 AIR STRIPPER SAVANNAH RIVER SIT; AIKEN, BARNWELL AND ALLENDALE COUNTIES; AIKEN, SOUTH CAROLINA SCDHEC WASTEWATER PERMIT #10,253 AND SCDHEC AIR PERMIT       | R.D. GREEN                                       |                                    |
| 006341      | 09/28/99 | OD-99-318              | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION.0 APPENDIX C, RCRA/CERCLA UNITS AND REVISION.0 APPENDIX G, SITE EVALUATION LIST FOR FISCAL YEAR 2000 (INCLUDES RESPONSES TO USEPA COMMENTS ON THE REVISION.0 | B.T. HENNESSEY                                   | J. L. CRANE / K. A.                |
| 006350      | 09/24/99 | OD-99-051              | 10693   | DOE CITIZENS' ADVISORY BOARD (CAB) REDCOMMENDATION NUMBER 93 - FEDERAL FACILITY AGREEMENT (FFA) MODIFICATION, FEASIBILITY STUDY SCOPING AND PRIMARY DOCUMENT QUALITY                                                  | G. RUDY/J. HANKINSON/R.L. SHAW                   | COLLINSWORT A. LOADHOLT            |
| 006351      | 09/27/99 | OD-99-345              | 10693   | DOE RESPONSE TO CITIZENS' ADVISORY BOARD RECOMMENDATION NUMBER 93 - FEDERAL FACILITY AGREEMENT MODIFICATION; FEASIBILITY STUDY SCOPING AND PRIMARY DOCUMENT QUALITY                                                   | B.T. HENNESSEY                                   | J. L. CRANE / K. A.                |
| 006352      | 04/16/99 | OD-99-033              | 10693   | DOE LETTER, WARREN TO LINDLER AND LINDLER TO ANDERSON, NOTICE OF FAILURE, INTEGRATOR OPERABLE UNIT (IOU) WORK PLAN AND FIELD START MILESTONES, SAVANNAH RIVER SITE DATED 3/31/99                                      | C.V. ANDERSON                                    | COLLINSWORT C.B. WARREN/K. LINDLER |
| 006355      | 09/30/99 | WSRC-TR-98-313         | 10693   | SAVANNAH RIVER SITE ENVIRONMENTAL REPORT FOR 1998                                                                                                                                                                     | WSRC                                             |                                    |
| 006369      | 10/05/99 | OD-99-259              | 10693   | DOE TRANSMITTAL OF SAVANNAH RIVER SITE COMMUNITY RELATIONS PLAN                                                                                                                                                       | B.T. HENNESSEY                                   | J. L. CRANE / K. A.                |
| 006370      | 09/01/99 | WSRC-RP-96-120, REV. 2 | 10693   | SAVANNAH RIVER SITE COMMUNITY RELATIONS PLAN                                                                                                                                                                          | WSRC                                             | COLLINSWORT                        |

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| 006377      | 10/08/99 | 006377                   | 10693   | DESIGNATION OF EPA FEDERAL FACILITY AGREEMENT PROJECT MANAGER, SAVANNAH RIVER SITE                                                                                                                                                                          | C.B. WARREN                                      | T. HEENAN                       |
| 006381      | 10/01/99 | OD-99-312                | 10693   | DOE SUBMITTAL OF THE LAND USE CONTROL ASSURANCE PLAN FOR THE SAVANNAH RIVER SITE (WSRC-RP-98-4125, REVISION.1.1, AUGUST 1999                                                                                                                                | B.T. HENNESSEY                                   | K.B. FEELY / K.A. COLLINSWORT   |
| 006382      | 10/15/99 | 006382                   | 10693   | MEMORANDUM OF AGREEMENT - IMPLEMENTATION OF A LAND USE CONTROLS ASSURANCE PLAN FOR THE UNITED STATES DEPARTMENT OF ENERGY SAVANNAH RIVER SITE                                                                                                               | WSRC                                             |                                 |
| 006383      | 08/01/99 | WSRC-RP-98-4125 REV. 1.1 | 10693   | LAND USE CONTROL ASSURANCE PLAN FOR THE SAVANNAH RIVER SITE                                                                                                                                                                                                 | WSRC                                             |                                 |
| 006393      | 10/05/99 | OD-99-336                | 10693   | DOE SUBMITTAL OF THE POST-RECORD OF DECISION (ROD) DOCUMENT TEMPLATE/FORMAT (WSRC-RP-99-4149, REVISION.0) AND EXAMPLES. INCLUDES SRS RESPONSES TO USEPA AND SCDHEC COMMENTS ON THE CORRECTIVE MEASURES POST-ROD DOCUMENT TEMPLATE/FORMAT & TYPICAL EXAMPLES | B.T. HENNESSEY                                   | J. L. CRANE / K. A. COLLINSWORT |
| 006394      | 09/01/99 | WSRC-RP-99-4149 REV. 0   | 10693   |                                                                                                                                                                                                                                                             | WSRC                                             |                                 |
| 006409      | 08/01/99 | 006409                   | 10693   | TOXICOLOGICAL PROFILE FOR ASBESTOS (UPDATE) (DRAFT FOR PUBLIC COMMENT)                                                                                                                                                                                      | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                 |
| 006410      | 08/01/99 | 006410                   | 10693   | TOXICOLOGICAL PROFILE FOR BENZIDINE (UPDATE) ( DRAFT FOR PUBLIC COMMENT)                                                                                                                                                                                    | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                 |
| 006411      | 08/01/99 | 006411                   | 10693   | TOXICOLOGICAL PROFILE FOR 1,2-DICHLOROETHANE (UPDATE) (DRAFT FOR PUBLIC COMMENT)                                                                                                                                                                            | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                 |
| 006412      | 08/01/99 | 006412                   | 10693   | TOXICOLOGICAL PROFILE FOR DI-N-BUTYL PHTHALATE (UPDATE) (DRAFT FOR PUBLIC COMMENT)                                                                                                                                                                          | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                 |
| 006413      | 08/01/99 | 006413                   | 10693   | TOXICOLOGICAL PROFILE FOR METHYL PARATHION (UPDATE) (DRAFT FOR PUBLIC COMMENT)                                                                                                                                                                              | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                 |
| 006414      | 08/01/99 | 006414                   | 10693   | TOXICOLOGICAL PROFILE FOR PENTACHLOROPHENOL (UPDATE) (DRAFT FOR PUBLIC COMMENT)                                                                                                                                                                             | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                 |
| 006436      | 11/08/99 | 006436                   | 10693   | USEPA COMMENTS ON RECORD OF DECISION AND PROPOSED PLAN CHECKLISTS DATED MAY 1999                                                                                                                                                                            | K.B. FEELY                                       | B. T. HENNESSEY                 |
| 006440      | 09/10/99 | 006440                   | 10693   | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY (ATSDR) FACT SHEETS (TOXFAQS): ALUMINUM; CADMIUM; CHLORINATED DIBENZO-P-DIOXINS (DIOXINS); CHLOROETHANE; CHLOROMETHANE; CHLOROPHENOLS; 1,4-DICHLOROBENZENE;                                                | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY | WSRC                            |
| 006441      | 11/12/99 | OD-00-122                | 10693   | DOE TRANSMITTAL OF THE FEDERAL FACILITY AGREEMENT INTERIM APPENDIX D FOR FISCAL YEAR 2000 (PRINT DATE 11/12/1999), REVISION.0 APPENDIX E FOR FISCAL YEAR 2000 (PRINT DATE 11/12/1999), AND AN EXTENSION REQUEST/SCHEDULE ADJUSTMENT                         | B.T. HENNESSEY                                   | K.B. FEELY/K.A. COLLINSWORT     |

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| 006444      | 11/19/99 | OD-00-124                          | 10693   | DOE TRANSMITTAL OF THE SAVANNAH RIVER SITE ADMINISTRATIVE RECORD FILE INDICES                                                                                                                                       | B.T. HENNESSEY                                   | K.B. FEELY/K.A. COLLINSWORT |
| 006445      | 11/01/99 | WSRC-RP-99-416                     | 10693   | ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE                                                                                                                                        | WSRC                                             |                             |
| 006454      | 11/30/99 | OD-00-128                          | 10693   | TRANSMITTAL OF THE FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 1999 (WSRC-RP-99-4300)                                                                                                         | B.T. HENNESSEY                                   | K.B. FEELY/K.A. COLLINSWORT |
| 006456      | 11/23/99 | OD-00-010                          | 10693   | DOE FISCAL YEAR (FY) 2000 BUDGET ALLOTMENT FOR ENVIRONMENTAL RESTORATION (ER)                                                                                                                                       | B.T. HENNESSEY                                   | K.B. FEELY/K.A. COLLINSWORT |
| 006464      | 11/05/99 | OD-00-115                          | 10693   | DOE SUBMITTAL OF CREEK PLANTATION AND FISH TISSUE DATA INFORMATION                                                                                                                                                  | B.T. HENNESSEY                                   | K.B. FEELY                  |
| 006467      | 09/01/99 | 006467                             | 10693   | TOXICOLOGICAL PROFILE FOR IONIZING RADIATION                                                                                                                                                                        | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                             |
| 006468      | 09/01/99 | 006468                             | 10693   | TOXICOLOGICAL PROFILE FOR URANIUM (UPDATE)                                                                                                                                                                          | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                             |
| 006471      | 12/07/99 | 006471                             | 10693   | MANAGEMENT OF JOB CONTROL WASTE FROM SAMPLING AS INVESTIGATION-DERIVED WASTE, DATE OCTOBER 26, 1999 AND REQUEST FOR CONTAINER STORAGE OF INVESTIGATION-DERIVED WASTE, DATED OCTOBER 26, 1999                        | K.A. COLLINSWORTH                                | B. T. HENNESSEY             |
| 006472      | 09/30/98 | 006472                             | 10693   | AGENCY FOR TOXIC SUBSTANCES & DISEASE REGISTRY (ATSDR) - AGENCY PROFILE AND ANNUAL REPORT (FY 1998)                                                                                                                 | AGENCY FOR TOXIC SUBSTANCES & DISEASE REGISTRY   |                             |
| 006473      | 10/13/99 | ENVIRONMENTAL BULLETIN, VOLUME 10, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE VOLUME 10, NUMBER 15, OCTOBER 13, 1999.                                                                                                                         | WSRC                                             |                             |
| 006474      | 09/01/99 | 006474                             | 10693   | SRS CITIZENS ADVISORY BOARD - SUBCOMMITTEE MEETING SEPTEMBER 27-28, 1999                                                                                                                                            | WSRC                                             |                             |
| 006475      | 11/01/99 | 006475                             | 10693   | SRS CITIZENS ADVISORY BOARD - BIMONTHLY MEETING NOVEMBER 15-16, 1999                                                                                                                                                | WSRC                                             |                             |
| 006487      | 06/12/99 | 006487                             | 10693   | NEWSPAPER ADVERTISEMENT - AFFIDAVIT OF PUBLICATION (THE STATE NEWSPAPER) - PUBLIC NOTICE - PLUG IN PROPOSED PLAN FOR IN SITU STABILIZATION WITH A LOW PERMEABILITY SOIL COVER FOR RADIOLOGICAL CONTAMINANTS IN SOIL | WSRC                                             |                             |
| 006490      | 06/16/99 | 006490                             | 10693   | NEWSPAPER ADVERTISEMENT - AFFIDAVIT OF PUBLICATION (THE BARNWELL PEOPLE-SENTINEL) - PUBLIC NOTICE - PLUG IN PROPOSED PLAN FOR IN SITU STABILIZATION WITH A LOW PERMEABILITY SOIL COVER FOR RADIOLOGICAL             | WSRC                                             |                             |
| 006493      | 06/14/99 | 006493                             | 10693   | NEWSPAPER ADVERTISEMENT - AFFIDAVIT OF PUBLICATION (THE AIKEN STANDARD) - PUBLIC COMMENT PERIOD FOR THE PROPOSED PLAN FOR IN SITU CONTAINMENT OF RADIOLOGICAL CONTAMINANTS IN SOIL                                  | WSRC                                             |                             |

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| 006494      | 06/12/99 | 006494                             | 10693   | NEWSPAPER ADVERTISEMENT - AFFIDAVIT OF PUBLICATION (THE AIKEN STANDARD) - PUBLIC NOTICE - PLUG IN PROPOSED PLAN FOR IN SITU STABILIZATION WITH A LOW PERMEABILITY SOIL COVER FOR RADIOLOGICAL CONTAMINANTS IN SOIL       | WSRC                                             |                                 |
| 006498      | 05/20/99 | 006498                             | 10693   | NEWSPAPER ADVERTISEMENT - AFFIDAVIT OF PUBLICATION (THE BEAUFORT GAZETTE) - PUBLIC NOTICE FOR THE SAVANNAH RIVER SITE CITIZEN ADVISORY BOARD                                                                             | WSRC                                             |                                 |
| 006509      | 12/14/99 | OD-00-136                          | 10693   | DOE TRANSMITTAL OF AN AMENDMENT TO FEDERAL FACILITY AGREEMENT INTERIM APPENDIX D AND REVISION.0 APPENDIX E FOR FISCAL YEAR 2000 (TRANSMITTED NOVEMBER 12, 1999) AND TRANSMITTAL OF REVISION.0 APPENDIX D FOR FISCAL YEAR | B.T. HENNESSEY                                   | K.B. FEELY/K.A. COLLINSWORTH    |
| 006510      | 12/14/99 | OD-00-120                          | 10693   | DOE SRS AND ENVIRONMENTAL RESTORATION Y2K COMPLIANCE                                                                                                                                                                     | B.T. HENNESSEY                                   | K.B. FEELY/K.A. COLLINSWORTH    |
| 006537      | 12/31/99 | OD-00-127                          | 10693   | DOE SUBMITTAL OF THE FINAL ECOLOGICAL PROTOCOLS - AQUATIC TOXICITY REFERENCE VALUES (TRVs) AND ECOLOGICAL RISK ASSESSMENT PROCESS ANNOTATED OUTLINE.                                                                     | B.T. HENNESSEY                                   | K.B. FEELY / K. A. COLLINSWORTH |
| 006538      | 12/21/99 | OD-00-014                          | 10693   | DOE SUBMITTAL FISCAL YEAR 1999 REMOVAL ACTION REPORT AND MAINTENANCE ACTIVITY SUMMARY                                                                                                                                    | B.T. HENNESSEY                                   | K.B. FEELY / K. A. COLLINSWORTH |
| 006540      | 12/21/99 | OD-00-131                          | 10693   | DOE SUBMITTAL OF THE DOCUMENT CHANGE IMPACT ASSESSMENT FOR RCRA FACILITY INVESTIGATION/REMEDIAL INVESTIGATION/BASELINE RISK ASSESSMENT DOCUMENTS - ECOLOGICAL RISK ASSESSMENT PROTOCOLS                                  | B.T. HENNESSEY                                   | K.B. FEELY / K. A. COLLINSWORTH |
| 006541      | 12/07/99 | ENVIRONMENTAL BULLETIN, VOLUME 10, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE VOLUME 10, NUMBER 17, DECEMBER 7, 1999.                                                                                                                              | WSRC                                             |                                 |
| 006550      | 09/01/99 | 006550                             | 10693   | TOXICOLOGICAL PROFILE FOR TOTAL PETROLEUM HYDROCARBONS (TPH)                                                                                                                                                             | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                                 |
| 006552      | 11/01/99 | WSRC-RP-99-430                     | 10693   | FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 1999 (U), (WSRC-RP-99-4300)                                                                                                                            | WSRC                                             |                                 |
| 006553      | 12/30/99 | 006553                             | 10693   | USEPA APPROVAL OF THE FISCAL YEAR 2000 REVISION 0 APPENDICES D AND E TO THE FEDERAL FACILITY AGREEMENT (FFA) FOR THE SAVANNAH RIVER SITE (SRS)                                                                           | K. B. FEELY                                      | B. T. HENNESSEY                 |
| 006562      | 01/01/20 | 006562                             | 10693   | SRS CITIZENS ADVISORY BOARD BI-MONTHLY MEETING NOTICE JANUARY 24-25, 2000                                                                                                                                                | WSRC                                             |                                 |
| 006587      | 01/19/20 | ENVIRONMENTAL BULLETIN, VOLUME 11, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE VOLUME 11, NUMBER 1, JANUARY 19, 2000.                                                                                                                               | WSRC                                             |                                 |
| 006590      | 01/19/20 | OD-00-137                          | 10693   | DOE RESPONSE TO FORMATION OF THE ELECTRONIC MANAGEMENT TEAM                                                                                                                                                              | B.T. HENNESSEY                                   | K.B. FEELY/ K. A. COLLINSWORTH  |
| 006606      | 01/20/20 | 006606                             | 10693   | SCDHEC APPROVAL OF THE POST-ROD DOCUMENT TEMPLATE/FORMAT WSRC-RP-99-4149 & TYPICAL EXAMPLES, REVISION 0, DATED SEPTEMBER 1999                                                                                            | K.A. COLLINSWORTH                                | B. T. HENNESSEY                 |

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|-------------|----------|------------------------------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------------------|
| 006613      | 01/27/20 | 006613                             | 10693   | USEPA APPROVAL OF THE FINAL ECOLOGICAL RISK ASSESSMENT PROTOCOLS: (1.) AQUATIC TOXICITY REFERENCE VALUES (TRVS) (2.) ECOLOGICAL RISK ASSESSMENT PROCESS ANNOTATED OUTLINE                                      | K. B. FEELY             | B. T. HENNESSEY               |
| 006618      | 01/19/20 | 006618                             | 10693   | NEWSPAPER ADVERTISEMENT - AVAILABILITY FOR REVIEW - THE SAVANNAH RIVER SITE CITIZENS ADVISORY BOARD MEETING JANUARY 24, AND 25 2000                                                                            | WSRC                    |                               |
| 006627      | 01/20/20 | 006627                             | 10693   | NEWSPAPER ADVERTISEMENT - (THE STATE PAPER) - THE SAVANNAH RIVER SITE CITIZENS ADVISORY BOARD MEETING JANUARY 24 AND 25, 2000                                                                                  | WSRC                    |                               |
| 006649      | 02/18/20 | ENVIRONMENTAL BULLETIN, VOLUME 11, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE, VOLUME 11, NUMBER 2, WSRC FEBRUARY 18, 2000.                                                                                                              |                         |                               |
| 006650      | 02/18/20 | ENVIRONMENTAL BULLETIN, VOLUME 11, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE, VOLUME 11, NUMBER 3, WSRC FEBRUARY 18, 2000                                                                                                               |                         |                               |
| 006674      | 03/03/20 | OD-00-158                          | 10693   | DOE SUBMITTAL OF THE DOCUMENT CHANGE IMPACT ASSESSMENT FOR THE AQUATIC TOXICITY REFERENCE VALUES PROTOCOL, REVISION.0                                                                                          | B.T. HENNESSEY          | K.B. FEELY/ K. A. COLLINSWORT |
| 006675      | 03/03/20 | OD-00-159                          | 10693   | DOE SUBMITTAL OF THE DOCUMENT CHANGE IMPACT ASSESSMENT FOR THE ECOLOGICAL RISK ASSESSMENT PROCESS ANNOTATED OUTLINE PROTOCOL, REVISION.0                                                                       | B.T. HENNESSEY          | K.B. FEELY/ K. A. COLLINSWORT |
| 006680      | 03/09/20 | ENVIRONMENTAL BULLETIN VOLUME 11,  | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE VOLUME 11, NUMBER 4, MARCH 9, 2000.                                                                                                                        |                         |                               |
| 006711      | 03/27/20 | 006711                             | 10693   | SRS CITIZENS ADVISORY BOARD BI-MONTHLY MEETING MARCH 27-28, 2000 HOUNDSLAKES COUNTRY CLUB, AIKEN, SC                                                                                                           | WSRC                    |                               |
| 006714      | 03/20/20 | 006714                             | 10693   | USEPA COMMENTS ON THE TECHNICAL MEMORANDUM UPDATING ATTACHMENT 1 TO 3Q5 MANUAL                                                                                                                                 | D. R. HUNTER            | B. T. HENNESSEY               |
| 006738      | 03/23/20 | OD-00-178                          | 10693   | DOE TRANSMITTAL OF THE FEDERAL FACILITY AGREEMENT IMPLEMENTATION PLAN (FIP) BIN LIST ITEMS FOR APPROVAL                                                                                                        | B.T. HENNESSEY          | K.B. FEELY/ K. A. COLLINSWORT |
| 006739      | 03/29/99 | 006739                             | 10693   | FINAL DRAFT THE SRS ENVIRONMENTAL RESTORATION GROUNDWATER STRATEGY, PROTOCOL FOR ROUTINE CORRESPONDENCE, RESPONSIBILITIES FOR PUBLIC INVOLVEMENT ACTIVITIES IN REMEDY SELECTION, FIP BIN LIST DATED 03/21/2000 | WSRC                    |                               |
| 006748      | 03/30/20 | ENVIRONMENTAL BULLETIN, VOLUME 11, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE VOLUME 11, NUMBER 5, WSRC MARCH 30, 2000                                                                                                                   |                         |                               |
| 006756      | 04/01/99 | 006756                             | 10693   | STATE OF THE SAVANNAH RIVER SITE ENVIRONMENT, 1999 REPORT                                                                                                                                                      | ENVIRONMENT 1999 REPORT |                               |
| 006759      | 04/04/20 | 006759                             | 10693   | USEPA TRANSMITTAL OF SAVANNAH RIVER SITE (SRS) LAND USE CONTROL ASSURANCE PLAN (LUCAP) MEMORANDUM OF AGREEMENT (MOA), SIGNED ORIGINAL                                                                          | K. B. FEELY             | B. T. HENNESSEY               |

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| 006771      | 03/22/20 | 006771                              | 10693   | NEWSPAPER ADVERTISEMENT (THE PEOPLE SENTINEL) - AVAILABILITY FOR REVIEW - THE SAVANNAH RIVER SITE CITIZENS ADVISORY BOARD, MARCH 27, 2000 AND MARCH 28, 2000                                                            | WSRC        |                 |
| 006797      | 04/25/20 | 006797                              | 10693   | USEPA APPROVES THE FEDERAL FACILITY AGREEMENT IMPLEMENTATION PLAN (FIP) BIN LIST ITEM TRANSMITTAL LETTER, DATED MARCH 23, 2000 1) SRS ENVIRONMENTAL RESTORATION GROUNDWATER STRATEGY; 2) PROTOCOL FOR ROUTINE           | K. B. FEELY | B. T. HENNESSEY |
| 006804      | 04/26/20 | ENVIRONMENTAL BULLENTIN, VOLUME 11, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE VOLUME 11, NUMBER 6, APRIL 26, 2000                                                                                                                                 | WSRC        |                 |
| 006805      | 05/02/20 | HS & PH, VOLUME 10, NUMBER 1        | 10693   | HAZARDOUS SUBSTANCES & PUBLIC HEALTH - VOLUME 10, NUMBER 1, SPRING 2000                                                                                                                                                 |             |                 |
| 006806      | 01/27/20 | WSRC-TR-99-386                      | 10693   | DATA SUMMARY REPORT FOR SAVANNAH RIVER INTEGRATOR OPERABLE UNIT FISH TISSUE (WSRC-TR-99-00386) DATED JANUARY 27, 2000                                                                                                   | WSRC        |                 |
| 006834      | 05/22/20 | 006834                              | 10693   | SRS CITIZENS ADVISORY BOARD - BI-MONTHLY MEETING MAY 22-23, 2000                                                                                                                                                        | WSRC        |                 |
| 006862      | 08/27/93 | WSRC-RP-93-942, REV. 1              | 10693   | FY1993 SRS WASTE COST ANALYSIS (U) (WSRC-RP-93-942, REVISION 1) DATED AUGUST 1993                                                                                                                                       | WSRC        |                 |
| 006871      | 06/02/20 | 006871                              | 10693   | USEPA FISCAL YEAR 2001 ENVIRONMENTAL RESTORATION PROPOSED BUDGET AMENDMENT                                                                                                                                              | K. B. FEELY | B. T. HENNESSEY |
| 006896      | 05/18/20 | ENVIRONMENTAL BULLETIN, VOLUME 11,  | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE VOLUME 11, NUMBER 8, MAY 18, 2000.                                                                                                                                  | WSRC        |                 |
| 006897      | 06/01/20 | ENVIRONMENTAL BULLETIN, VOLUME 11,  | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE, VOLUME 11, NUMBER 9, JUNE 1, 2000.                                                                                                                                 | WSRC        |                 |
| 006898      | 06/01/20 | 006898                              | 10693   | CITIZEN ADVISORY BOARD SAVANNAH RIVER SITE SPRING 2000.                                                                                                                                                                 | WSRC        |                 |
| 006920      | 06/23/20 | ENVIRONMENTAL BULLETIN, VOLUME 11,  | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE VOLUME 11, NUMBER 10, JUNE 23, 2000.                                                                                                                                | WSRC        |                 |
| 006973      | 07/28/20 | 006973                              | 10693   | COMPREHENSIVE GROUNDWATER MONITORING EVALUATION - ATTACHED ARE DHEC LETTER, TABLE 1 FOR ITINERARY OF COMPREHENSIVE GROUNDWATER MONITORING INSPECTION CONDUCTED IN JULY 2000, TABLE 2 PERMIT VIOLATIONS SC1 890 008 989, |             |                 |
| 006974      | 08/01/20 | 006974                              | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, (11/93 THRU 8/96)                                                                                                                                           |             |                 |
| 006975      | 08/01/20 | 006975                              | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, (5/93 THRU 8/96)                                                                                                                                            |             |                 |

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| 006976      | 08/01/20 | 006976     | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS,S (9/93 THRU 8/98)                                |        |           |
| 006977      | 08/01/20 | 006977     | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, (8/94 THRU 8/96)                                 |        |           |
| 006978      | 08/01/20 | 006978     | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, (2nd QUARTER 92, 1st QUARTER 95)                 |        |           |
| 006979      | 08/01/20 | 006979     | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, (2nd QUARTER 94, 4th QUARTER 93)                 |        |           |
| 006980      | 08/01/20 | 006980     | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, (3rd QUARTER, 92)                                |        |           |
| 006981      | 08/01/20 | 006981     | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, (1st QUARTER, 94)                                |        |           |
| 006982      | 08/01/20 | 006982     | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, (1st QUARTER, 92)                                |        |           |
| 006983      | 08/01/20 | 006983     | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, (2nd QUARTER, 93)                                |        |           |
| 006984      | 08/01/20 | 006984     | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, (1st QUARTER, 93)                                |        |           |
| 006985      | 08/01/20 | 006985     | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, (1st QUARTER 96, 2nd QUARTER 96, 3rd QUARTER 96) |        |           |
| 006986      | 08/01/20 | 006986     | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, (2nd QUARTER 94, 3rd QUARTER 94)                 |        |           |
| 006987      | 08/01/20 | 006987     | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, (4th QUARTER 91, 4th QUARTER 92)                 |        |           |
| 006988      | 08/01/20 | 006988     | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, (1st QUARTER, 95)                                |        |           |
| 006989      | 08/01/20 | 006989     | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, (3rd QUARTER, 1993)                              |        |           |
| 006990      | 08/01/20 | 006990     | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, (3rd QUARTER 92, 3rd QUARTER 94)                 |        |           |

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| 006991      | 08/01/20 | 006991     | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, (3rd QUARTER 92, 2nd QUARTER 93, 4th QUARTER 91, 4th QUARTER 92) |        |           |
| 006992      | 08/01/20 | 006992     | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, (2nd QUARTER 95, 4th QUARTER 95)                                 |        |           |
| 006993      | 08/01/20 | 006993     | 10693   | FIELD LOG BOOKS (2nd QUARTER, 94)                                                                                            |        |           |
| 006994      | 08/01/20 | 006994     | 10693   | FIELD LOG BOOKS (3rd QUARTER 93, 4th QUARTER 93)                                                                             |        |           |
| 006995      | 08/01/20 | 006995     | 10693   | FIELD LOG BOOKS (4th QUARTER, 94)                                                                                            |        |           |
| 006996      | 08/01/20 | 006996     | 10693   | FIELD LOG BOOKS (1st QUARTER 95, 2nd QUARTER 96)                                                                             |        |           |
| 006997      | 08/01/20 | 006997     | 10693   | FIELD LOG BOOKS (1st QUARTER 94, 2nd QUARTER 96)                                                                             |        |           |
| 006998      | 08/01/20 | 006998     | 10693   | FIELD LOG BOOKS (3rd QUARTER, 94)                                                                                            |        |           |
| 006999      | 08/01/20 | 006999     | 10693   | FIELD LOG BOOKS (7/93 THRU 4/94) (2nd QUARTER, 95)                                                                           |        |           |
| 007000      | 08/01/20 | 007000     | 10693   | FIELD LOG BOOKS (11/93 THRU 2/95)                                                                                            |        |           |
| 007001      | 08/01/20 | 007001     | 10693   | FIELD LOG BOOKS (2/95 THRU 9/96)                                                                                             |        |           |
| 007002      | 08/01/20 | 007002     | 10693   | FIELD LOG BOOKS (11/94 THRU 8/96)                                                                                            |        |           |
| 007003      | 08/01/20 | 007003     | 10693   | FIELD LOG BOOKS (5/93 THRU 6/97)                                                                                             |        |           |
| 007004      | 08/01/20 | 007004     | 10693   | FIELD LOG BOOKS (5/96 THRU 8/97)                                                                                             |        |           |
| 007005      | 08/01/20 | 007005     | 10693   | FIELD LOG BOOKS (5/96 THRU 12/96)                                                                                            |        |           |



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| 007006      | 08/01/20 | 007006                                | 10693   | FIELD LOG BOOKS (5/96 THRU 12/96)                                                                                                                                                   |             |                 |
| 007007      | 08/01/20 | 007007                                | 10693   | FIELD LOG BOOKS (2nd QUARTER 93, 1st QUARTER 93)                                                                                                                                    |             |                 |
| 007023      | 08/03/20 | 007023                                | 10693   | USEPA COMMENTS ON THE PRELIMINARY BACKGROUND SOILS STUDY REPORT AT SRS, NOVEMBER 1996 AND THE GEOCHEMICAL AND PHYSICAL PROPERTIES OF WETLAND SOILS AT SRS, WSRC-TR-96-115, MAY 1997 | K. B. FEELY | B. T. HENNESSEY |
| 007029      | 08/11/20 | ENVIRONMENTAL BULLENTIN, VOLUMBER 11, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE, VOLUME 11, NUMBER 11, AUGUST 11, 2000                                                                                          | WSRC        |                 |
| 007037      | 08/22/20 | 007037                                | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, (3rd QUARTER 91, 3rd QUARTER 93, 4th QUARTER 93, 11th QUARTER 93, 5th QUARTER 99)                                       |             |                 |
| 007038      | 08/22/20 | 007038                                | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, (9/97 THRU 7/99)                                                                                                        |             |                 |
| 007039      | 08/22/20 | 007039                                | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, (8/97 THRU 12/98)                                                                                                       |             |                 |
| 007040      | 08/22/20 | 007040                                | 10693   | FIELD LOG BOOK (4th QUARTER, 95)                                                                                                                                                    |             |                 |
| 007041      | 08/22/20 | 007041                                | 10693   | FIELD LOG BOOK (4th QUARTER 96, 3rd QUARTER 97)                                                                                                                                     |             |                 |
| 007042      | 08/22/20 | 007042                                | 10693   | FIELD LOG BOOK (1st QUARTER 97, 4th QUARTER 96)                                                                                                                                     |             |                 |
| 007043      | 08/22/20 | 007043                                | 10693   | FIELD LOG BOOK (2nd QUARTER 97, 3rd QUARTER 96)                                                                                                                                     |             |                 |
| 007044      | 08/22/20 | 007044                                | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, (4th QUARTER 95, 2th QUARTER 97, 3th QUARTER 97)                                                                        |             |                 |
| 007045      | 08/22/20 | 007045                                | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, (1st QUARTER 98, 2nd QUARTER 98, 3rd QUARTER 98, 4th QUARTER 98)                                                        |             |                 |
| 007046      | 08/22/20 | 007046                                | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, (7/98 THRU 12/99)                                                                                                       |             |                 |
| 007047      | 08/22/20 | 007047                                | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, (4th QUARTER 98, 2nd QUARTER 98, 1st QUARTER 98)                                                                        |             |                 |

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| 007048      | 08/22/20 | 007048                             | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, (1st QUARTER 95, 3rd QUARTER 96, 2nd QUARTER 96, 4th QUARTER 96, 1st QUARTER 97)                  |                 |                            |
| 007049      | 08/22/20 | 007049                             | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, (1st QUARTER 97, 4th QUARTER 97)                                                                  |                 |                            |
| 007050      | 08/22/20 | 007050                             | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, (3rd QUARTER 97, 4th QUARTER 97, 1st QUARTER 98)                                                  |                 |                            |
| 007051      | 08/22/20 | 007051                             | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, (3rd QUARTER 96, 4th QUARTER 96, 1st QUARTER 97, 2nd QUARTER 98)                                  |                 |                            |
| 007102      | 09/12/20 | ENVIRONMENTAL BULLETIN, VOLUME 11, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE VOLUME 11, NUMBER 12, SEPTEMBER 12, 200                                                                   | WSRC            |                            |
| 007105      | 09/01/97 | WSRC-TR-97-003:                    | 10693   | SAVANNAH RIVER SITE ENVIRONMENTAL REPORT FOR 1997 SUMMARY (WSRC-TR-97-00323) DATED SEPTEMBER 1997                                                             | WSRC            |                            |
| 007124      | 09/27/20 | OD-00-272                          | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT INTERIM APPENDIX D TIMETABLES AND DEADLINES FOR FISCAL YEAR 2001.                                             | B. T. HENNESSEY | K. B. FEELY / C. M. GORMAN |
| 007133      | 09/29/20 | OD-00-259                          | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION.0 APPENDIX C, RCRA/CERCLA UNITS AND REVISION.0 APPENDIX G, SITE EVALUATION LIST FOR FISCAL YEAR 2001 | B. T. HENNESSEY | K. B. FEELY / C. M. GORMAN |
| 007138      | 09/25/20 | 007138                             | 10693   | SRS CITIZENS ADVISORY BOARD BI-MONTHLY MEETING SEPTEMBER 25 - 26, 2000, MONDAY SEPTEMBER 25, FIRST BAPTIST CHURCH, TUESDAY SEPTEMBER 26, BARNWELL STATE PARK  | WSRC            |                            |
| 007139      | 10/03/20 | WSRC-TR-99-002: VOL. I             | 10693   | SAVANNAH RIVER SITE ENVIRONMENTAL REPORT FOR 1999 (WSRC-TR-99-00299), VOLUME I                                                                                | WSRC            |                            |
| 007140      | 10/03/20 | WSRC-TR-99-003: VOL. II            | 10693   | SAVANNAH RIVER SITE ENVIRONMENTAL REPORT FOR 1999 SUMMARY (WSRC-TR-99-00300) VOLUME II                                                                        | WSRC            |                            |
| 007141      | 10/03/20 | WSRC-TR-99-003: VOL. III           | 10693   | SAVANNAH RIVER SITE ENVIRONMENTAL DATA FOR 1999 (WSRC-TR-99-00301) VOLUME III                                                                                 | WSRC            |                            |
| 007146      | 09/28/20 | 007146                             | 10693   | USEPA TRANSITION FROM REGION 3 RISK BASED CONCENTRATIONS TO REGION 9 PRELIMINARY REMEDIATION GOALS                                                            | K. B. FEELY     | B. T. HENNESSEY            |
| 007148      | 09/29/20 | 007148                             | 10693   | USEPA'S POSITION ON MAINTENANCE/HOUSEKEEPING ACTIONS AT FEDERAL FACILITY AGREEMENT APPENDIX C AND G UNITS                                                     | K. B. FEELY     | B. T. HENNESSEY            |
| 007185      | 10/01/95 | WSRC-TR-96-007:                    | 10693   | SAVANNAH RIVER SITE ENVIRONMENTAL REPORT FOR 1995 - SUMMARY PAMPHLET - (WSRC-TR-96-0076) DATED OCTOBER 1995                                                   | WSRC            |                            |

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| 007186      | 10/01/95 | WSRC-TR-96-007                     | 10693   | SAVANNAH RIVER SITE ENVIRONMENTAL DATA FOR 1995 (WSRC-TR-96-0077) DATED OCTOBER 1995                                                                                                                                                                | WSRC                                             |                            |
| 007211      | 10/26/20 | ENVIRONMENTAL BULLETIN, VOLUME 11, | 10693   | ENVIRONMENTAL BULLETIN FROM SAVANNAH RIVER SITE, VOLUME 11, NUMBER 15, DATED OCTOBER 26, 2000                                                                                                                                                       | WSRC                                             |                            |
| 007227      | 07/24/98 | WSRC-TR-97-007                     | 10693   | SAVANNAH RIVER SITE ENVIRONMENTAL DATA FOR 1996 (WSRC-TR-97-0077)                                                                                                                                                                                   | WSRC                                             |                            |
| 007228      | 07/24/98 | WSRC-TR-97-017                     | 10693   | SAVANNAH RIVER SITE ENVIRONMENTAL REPORT FOR 1996 (WSRC-TR-97-0171)                                                                                                                                                                                 | WSRC                                             |                            |
| 007229      | 07/24/98 | WSRC-TR-97-017                     | 10693   | SAVANNAH RIVER SITE ENVIRONMENTAL SUMMARY REPORT FOR 1996 (WSRC-TR-97-0173)                                                                                                                                                                         | WSRC                                             |                            |
| 007246      | 11/13/20 | 007246                             | 10693   | SRS CITIZENS ADVISORY BOARD BI-MONTHLY MEETING NOVEMBER 13 - 14, 2000 - NORTH AUGUSTA COMMUNITY CENTER                                                                                                                                              | WSRC                                             |                            |
| 007247      | 11/09/20 | 007247                             | 10693   | SRS CITIZEN ADVISORY BOARD - BOARD BEAT - BOARD EXAMINES SUSPENSION OF CIF OPERATIONS - FALL 2000                                                                                                                                                   | WSRC                                             |                            |
| 007249      | 11/09/20 | OD-01-116                          | 10693   | DOE SUBMITTAL OF THE CHECKLISTS AND DOCUMENT CHANGE IMPACT ASSESSMENT FOR STATEMENT OF BASIS/PROPOSED PLANS AND RECORDS OF DECISION WITH COMMENT RESPONSE                                                                                           | B.T. HENNESSEY                                   | K. B. FEELY / C. M. GORMAN |
| 007262      | 06/01/20 | 007262                             | 10693   | ATSDR TOXFAQS CONTENTS, DIVISION OF TOXICOLOGY, ACROLEIN, ACRYLONITRILE, AMMONIA, BIS(2-CHLOROETHYL) ETHER, BIS(CHLOROMETHYL) ETHER, BROMODICHLOROMETHANE, BROMOFORM AND CHLORODIBROMOMETHANE, THE AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                            |
| 007267      | 09/30/99 | 007267                             | 10693   |                                                                                                                                                                                                                                                     | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                            |
| 007268      | 10/01/20 | 007268                             | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR CREOSOTE                                                                                                                                                                                                            | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                            |
| 007269      | 09/01/20 | 007269                             | 10693   | TOXICOLOGICAL PROFILE FOR BERYLLIUM                                                                                                                                                                                                                 | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                            |
| 007270      | 09/01/20 | 007270                             | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR HEXACHLOROBENZENE                                                                                                                                                                                                   | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                            |
| 007271      | 09/01/20 | 007271                             | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR METHOXYCHLOR                                                                                                                                                                                                        | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                            |
| 007272      | 09/01/20 | 007272                             | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR DDT, DDE, AND DDD                                                                                                                                                                                                   | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                            |

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| 007273      | 09/01/20 | 007273                       | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR DI(2-ETHYLHEXYL) PHTHALATE                                                              | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY<br>AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY                                                                                                                                                                                                                                                                                                                                                                             |                            |
| 007274      | 09/01/20 | 007274                       | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR ALDRIN/DIELDRIN                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                            |
| 007275      | 11/15/20 | HS & PH, VOLUME 10, NUMBER 2 | 10693   | HAZARDOUS SUBSTANCES & PUBLIC HEALTH - VOLUME 10, NUMBER 2, SUMMER/FALL 2000                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                            |
| 007278      | 11/16/20 | 007278                       | 10693   | ENVIROCARE OFFSITE RULE DETERMINATION                                                                                   | M. WILSON                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | T. BROWN                   |
| 007279      | 11/09/20 | 007279                       | 10693   | SRS CITIZENS ADVISORY BOARD MEETING NOVEMBER 13 - 14, 2000 - NORTH AUGUSTA COMMUNITY CENTER (THE STATE PAPER)           | WSRC                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                            |
| 007280      | 11/09/20 | 007280                       | 10693   | SRS CITIZENS ADVISORY BOARD MEETING - NOVEMBER 13 - 14, 2000 - NORTH AUGUSTA COMMUNITY CENTER                           | WSRC                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                            |
| 007288      | 11/24/20 | OD-01-119                    | 10693   | DOE TRANSMITTAL OF THE SAVANNAH RIVER SITE ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE | B. T. HENNESSEY                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | K. B. FEELY / C. M. GORMAN |
| 007299      | 09/01/20 | 007299                       | 10693   | TOXICOLOGICAL PROFILE FOR ARSENIC                                                                                       | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY<br>AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY<br>AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY<br>AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY<br>AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY<br>AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY<br>AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY<br>AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY<br>AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                            |
| 007300      | 09/01/20 | 007300                       | 10693   | TOXICOLOGICAL PROFILE FOR CHROMIUM                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                            |
| 007301      | 09/01/20 | 007301                       | 10693   | TOXICOLOGICAL PROFILE FOR ENDOSULFAN                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                            |
| 007302      | 09/01/20 | 007302                       | 10693   | TOXICOLOGICAL PROFILE FOR ETHION                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                            |
| 007303      | 09/01/20 | 007303                       | 10693   | TOXICOLOGICAL PROFILE FOR MANGANESE                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                            |
| 007304      | 09/01/20 | 007304                       | 10693   | TOXICOLOGICAL PROFILE FOR METHYLENE CHLORIDE                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                            |
| 007305      | 09/01/20 | 007305                       | 10693   | TOXICOLOGICAL PROFILE FOR TOLUENE                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                            |
| 007306      | 11/28/20 | OD-01-127                    | 10693   | DOE TRANSMITTAL OF THE FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 2000 (WSRC-RP-2000-4300)       | B.T. HENNESSEY                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | K. B. FEELY / C. M. GORMAN |

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| 007307      | 11/01/20 | WSRC-RP-2000-4                     | 10693   | FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 2000 (WSRC-RP-2000-4300) DATED NOVEMBER 2000                                                                                                       | WSRC            |                            |
| 007309      | 11/08/20 | 007309                             | 10693   | SRS CITIZENS ADVISORY BOARD MEETING NOVEMBER 13 - 14, 2000 NORTH AUGUSTA COMMUNITY CENTER (THE METRO COURIER)                                                                                                        | WSRC            |                            |
| 007316      | 12/01/20 | ENVIRONMENTAL BULLETIN, VOLUME 11, | 10693   | ENVIRONMENTAL BULLETIN FROM SAVANNAH RIVER SITE VOLUME 11, NUMBER 17, DATED DECEMBER 1, 2000                                                                                                                         | WSRC            |                            |
| 007365      | 12/18/20 | OD-01-134                          | 10693   | DOE TRANSMITTAL OF THE ENVIRONMENTAL RESTORATION DIVISION REGULATORY DOCUMENT HANDBOOK (ERD-AG-003)                                                                                                                  | B. T. HENNESSEY | K. B. FEELY / C. M. GORMAN |
| 007366      | 11/09/20 | ERD-AG-003, REV. 9                 | 10693   | ENVIRONMENTAL RESTORATION DIVISION REGULATORY DOCUMENT HANDBOOK (ERD-AG-003, REV.9) DATED NOVEMBER 2000                                                                                                              | WSRC            |                            |
| 007370      | 01/22/20 | 007370                             | 10693   | SRS CITIZENS ADVISORY BOARD - QUARTERLY BOARD MEETING ON JANUARY 22 - 23, 2001                                                                                                                                       | WSRC            |                            |
| 007371      | 01/08/20 | OD-01-150                          | 10693   | DOE SUBMITTAL OF THE DOCUMENT CHANGE IMPACT ASSESSMENT FOR IMPLEMENTATION OF THE US EPA REGION IX PRELIMINARY REMEDIAL GOALS (ERD-DCI-00011, REV.O) (DOCUMENT ATTACHED)                                              | B. T. HENNESSEY | K. B. FEELY / C. M. GORMAN |
| 007391      | 01/23/20 | OD-01-012                          | 10693   | DOE FISCAL YEAR (FY) 2001 BUDGET ALLOTMENT FOR ENVIRONMENTAL RESTORATION (ER)                                                                                                                                        | B. T. HENNESSEY | K. B. FEELY / C. M. GORMAN |
| 007392      | 01/24/20 | ESH-CGP-2001-00                    | 10693   | 2000 WATER USE REPORT: SAVANNAH RIVER SITE                                                                                                                                                                           | M. B. HUGHES    | S. B. ALDER                |
| 007403      | 01/31/20 | OD-01-165                          | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION.1 APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2001 (PRINT DATE 01/30/2001) AND RESPONSES TO UNITED STATES ENVIRONMENTAL PROTECTION AGENCY - REGION IV | B. T. HENNESSEY | K. B. FEELY / C. M. GORMAN |
| 007409      | 01/30/20 | 007409                             | 10693   | SCDHEC APPROVED SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT APPENDIX E - REVISION.0 FOR FY 2001 DATED NOVEMBER 14, 2000 APPENDIX C AND APPENDIX G - REVISION.0 FOR FY 2001 DATED SEPTEMBER 29, 2000 - SITE        | C. M. GORMAN    | B. T. HENNESSEY            |
| 007421      | 02/01/20 | 007421                             | 10693   | ENVIROCARE OFFSITE RULE DETERMINATION                                                                                                                                                                                | M. P. WILSON    | T. BROWN                   |
| 007430      | 02/07/20 | OD-01-169                          | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION.0 APPENDIX D, TIMETABLES AND DEADLINES FOR FISCAL YEAR 2001 (PRINT DATE 01/30/2001) AND IMPLEMENTATION SCHEDULES                                            | C. V. ANDERSON  | K. B. FEELY / C. M. GORMAN |
| 007438      | 02/09/20 | ENVIRONMENTAL BULLETIN, VOLUME 12, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE VOLUME 12, NUMBER 1, FEBRUARY 9, 2001                                                                                                                            | WSRC            |                            |
| 007460      | 02/20/20 | 007460                             | 10693   | FIELD LOG BOOK (1st, 3rd, & 4th Quarters 1999)                                                                                                                                                                       |                 |                            |

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| 007461      | 02/20/20 | 007461     | 10693   | FIELD LOG BOOK (4th Quarter 1997; 1st Quarter 1998)                                                                                                                                                                                                                                                                                                               |                 |                                 |
| 007462      | 02/20/20 | 007462     | 10693   | FIELD LOG BOOK (2nd Quarter 1996; 1st Quarter 1998; 2nd Quarter 1999)                                                                                                                                                                                                                                                                                             |                 |                                 |
| 007463      | 02/20/20 | 007463     | 10693   | FIELD LOG BOOK (2nd & 4th Quarters 1998; )                                                                                                                                                                                                                                                                                                                        |                 |                                 |
| 007464      | 02/20/20 | 007464     | 10693   | FIELD LOG BOOK (3rd & 4th Quarters 1998)                                                                                                                                                                                                                                                                                                                          |                 |                                 |
| 007465      | 03/28/20 | 007465     | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS,S (3rd QUARTER 99)                                                                                                                                                                                                                                                                                     |                 |                                 |
| 007466      | 03/28/20 | 007466     | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, (2nd QUARTER 99, 1st QUARTER 96, 2nd QUARTER 96, 3rd QUARTER 96, 4th QUARTER 96, 1st QUARTER 97, 2nd QUARTER 97, 3rd QUARTER 97, 4th QUARTER 97)                                                                                                                                                      |                 |                                 |
| 007467      | 03/28/20 | 007467     | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, ( 1st QUARTER 2000, 1st QUARTER 99)                                                                                                                                                                                                                                                                   |                 |                                 |
| 007468      | 03/28/20 | 007468     | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, ( 1st QUARTER 98, 2nd QUARTER 98, 4th QUARTER 99, 2nd QUARTER 2000, 1st QUARTER 92, 1st QUARTER 94, 4th QUARTER 95)                                                                                                                                                                                   |                 |                                 |
| 007469      | 03/29/20 | 007469     | 10693   | SCDHEC REQUIREMENT FOR THE PURGE WATER MANAGEMENT SYSTEM (PWMS) - REPORTING OF GROUNDWATER QUALITY DATA FROM BGO-33C                                                                                                                                                                                                                                              | M. DEPRATTER    | J. V. ODUM                      |
| 007475      | 02/21/20 | 007475     | 10693   | SCDHEC APPROVAL OF THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT APPENDIX D - REVISION.0 FOR FY 2001 DATED FEBRUARY 7, 2001                                                                                                                                                                                                                                  | C. M. GORMAN    | B. T. HENNESSEY                 |
| 007528      | 03/08/20 | OD-00-174  | 10693   | DOE ANNUAL TANK ASSESSMENT AND STATUS REPORTS FOR THE SAVANNAH RIVER SITE HIGH LEVEL WASTE (HLW) TANK SYSTEMS. ENCLOSED (WSRC-RP-2000-00186) AND ANNUAL F/H AREA HLW TANK STATUS REPORT                                                                                                                                                                           | C. V. ANDERSON  | K. B. FEELY / K. A. COLLINSWORT |
| 007529      | 03/08/20 | OD-01-188  | 10693   | DOE ANNUAL TANK ASSESSMENT AND STATUS REPORTS FOR THE SAVANNAH RIVER SITE HIGH LEVEL WASTE (HLW) TANK SYSTEMS. ENCLOSED ANNUAL F/H AREA HLW TANK SYSTEM/COMPONENT ASSESSMENT REPORT (WSRC-RP-2001-00348) AND SCDHEC APPROVED DOCUMENT CHANGE IMPLEMENTATION SCHEDULE FOR USEPA REGION IX PRELIMINARY REMEDIAL GOALS PRESENTED IN DOE LETTER DATED JANUARY 8, 2001 | B. T. HENNESSEY | K. B. FEELY / C. M. GORMAN      |
| 007538      | 03/09/20 | 007538     | 10693   | USEPA APPROVAL OF THE FISCAL YEAR 2001 REVISION.0 APPENDIX D AND REVISION.1 APPENDIX E TO THE FEDERAL FACILITY AGREEMENT (FFA) FOR THE SAVANNAH RIVER SITE (SRS) PRINT DATE 1/30/2001                                                                                                                                                                             | C. M. GORMAN    | B. T. HENNESSEY                 |
| 007582      | 03/26/20 | 007582     | 10693   | SCDHEC COMMENTS ON PURGE WATER MANAGEMENT SYSTEM (PWMS) - PILOT WELLS SUPPLEMENTAL REPORT SUBMITTAL DATED FEBRUARY 14, 2001 AND PURGE WATER MANAGEMENT SYSTEM (PWMS) - QUARTERLY REPORT SUBMITTAL DATED                                                                                                                                                           | K. B. FEELY     | B. T. HENNESSEY                 |
| 007589      | 03/27/20 | 007589     | 10693   |                                                                                                                                                                                                                                                                                                                                                                   | M. DEPRATTER    | J. V. ODUM                      |

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| 007590      | 04/01/20 | 007590                                   | 10693   | STATE OF THE SAVANNAH RIVER SITE ENVIRONMENT, 2000 REPORT                                                                                                                                                                                               | WSRC                                                  |                                    |
| 007644      | 04/23/20 | 007644                                   | 10693   | SRS CITIZENS ADVISORY BOARD - QUARTERLY BOARD MEETING APRIL 23 - 24, 2001                                                                                                                                                                               | WSRC                                                  |                                    |
| 007651      | 11/29/93 | 007651                                   | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR TETRYL                                                                                                                                                                                                                  | AGENCY FOR TOXIC<br>SUBSTANCE AND<br>DISEASE REGISTRY |                                    |
| 007665      | 04/24/20 | ENVIRONMENTAL<br>BULLETIN,<br>VOLUME 12, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE VOLUME 12, NUMBER 4, APRIL 24, 2001                                                                                                                                                                 | WSRC                                                  |                                    |
| 007681      | 04/30/20 | 007681                                   | 10693   | RADIO AD - BEASLEY BROADCASTING - WKXC - FOR CAB QUARTERLY MEETING 4/23                                                                                                                                                                                 | WSRC                                                  |                                    |
| 007746      | 05/25/20 | OD-01-022                                | 10693   | SAVANNAH RIVER SITE (SRS) FEDERAL FACILITY AGREEMENT (FFA) PROJECT MANAGER                                                                                                                                                                              | B. T. HENNESSEY                                       | K. B. FEELY / C.<br>M. GORMAN      |
| 007747      | 08/08/96 | 007747                                   | 10693   | USEPA AFFIRMATIVE DETERMINATION OF ACCEPTABILITY FOR THE SAVANNAH RIVER SITE TO RECEIVE OFF-SITE WASTE                                                                                                                                                  | R. D. GREEN                                           | B. T.<br>HENNESSEY                 |
| 007748      | 03/01/96 | DD-96-0201                               | 10693   | INTEGRATING DECONTAMINATION AND DECOMMISSIONING (D&D) ACTIVITIES INTO COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT (CERCLA)                                                                                                    | C. V. ANDERSON                                        | C. WARREN &<br>K. LINDLER          |
| 007749      | 05/30/20 | 007749                                   | 10693   | SRS CITIZENS ADVISORY BOARD - BOARD BEAT- ENGINEERED TRENCH NOW OPERATIONAL AT SRS SPRING 2001                                                                                                                                                          | WSRC                                                  |                                    |
| 007750      | 05/02/20 | WSRC-OS-94-42                            | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT - APPENDIX D, PAGES D-1 THRU D-4 (Revision.0 Appendix D for Fiscal Year 2001, Revision Date 05/02/2001); Revision.1 APPENDIX E.1: PAGES E.1-1 THRU E.1-4 (Revision Date 05/02/2001); Revision.1 APPENDIX | WSRC                                                  |                                    |
| 007780      | 12/14/94 | ESH-EMS-940836                           | 10693   | QUALITY CONTROL SUMMARY REPORT FOR THE B-AREA SANITARY LANDFILL WETLAND CHARACTERIZATION (ESH-EMS-940836) DATED DECEMBER 14, 1994                                                                                                                       | WSRC                                                  |                                    |
| 007806      | 01/18/20 | 007806                                   | 10693   | DESIGNATION OF SCDHEC FEDERAL FACILITY PROJECT MANAGER SAVANNAH RIVER SITE                                                                                                                                                                              | H. W. TRUESDALE                                       | C. WARREN &<br>T. HEENAN           |
| 007816      | 05/22/20 | OD-01-243                                | 10693   | ENVIRONMENTAL RESTORATION DIVISION AT THE SAVANNAH RIVER SITE 2000 ANNUAL PERFORMANCE REPORT AND THE 2001 WELCOME TO THE SAVANNAH RIVER SITE ENVIRONMENTAL RESTORATION PROGRAM CD-ROM (WSRC-MS-2000-00900)                                              | C. V. ANDERSON                                        | J. K. LINDLER<br>& C. B.<br>WARREN |
| 007817      | 12/13/20 | WSRC-MS-2000-0                           | 10693   | ENVIRONMENTAL RESTORATION DIVISION AT THE SAVANNAH RIVER SITE 2000 ANNUAL PERFORMANCE REPORT (WSRC-MS-2000-00900) DATED DECEMBER 2000                                                                                                                   | WSRC                                                  |                                    |
| 007849      | 09/27/96 | ESH-EMS-960495                           | 10693   | QUALITY ASSURANCE/QUALITY CONTROL SUMMARY REPORT FOR THE RFI/RI ASSESSMENT OF THE FOURMILE BRANCH AND ITS F- AND H-AREA SEEPLINES, RADIONUCLIDES (ESH-EMS-960495) DATED SEPTEMBER 1996                                                                  | WSRC                                                  |                                    |

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| 007850      | 07/01/97 | ESH-EMS-970656                     | 10693   | DATA SUMMARY REPORT FOR THE ASSESSMENT OF THE F- AND H-AREA SEEPLINES PHASE 2 (ESH-EMS-970656) DATED JULY 1997                                                                                            | WSRC                                             |                            |
| 007865      | 07/13/20 | OD-01-266                          | 10693   | DOE SUBMITTAL OF THE DOCUMENT CHANGE IMPACT ASSESSMENT FOR IMPLEMENTATION OF ADDITIONAL DATA VERIFICATION AND VALIDATION PROTOCOLS FOR SITE EVALUATION REPORTS (ERD-DCI-00012, REVISION.0, JUNE 25, 2001) | T. N. JOHNSON,JR.                                | K. B. FEELY / C. M. GORMAN |
| 007877      | 09/30/99 | ESH-EMS-990681, REV.1              | 10693   | STATISTICAL SUMMARY REPORT FOR THE BACKGROUND SOILS - SAVANNAH RIVER SITE (U)                                                                                                                             | WSRC                                             |                            |
| 007905      | 07/12/20 | 007905                             | 10693   | THE AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY: EPA FINAL RULE FOR ARSENIC IN DRINKING WATER - REVERTED TO PREVIOUS STANDARD                                                                        | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                            |
| 007906      | 05/15/20 | 007906                             | 10693   | THE AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY: ON THE TOXIC EFFECTS OF HAZARDOUS SUBSTANCES                                                                                                        | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                            |
| 007920      | 08/07/20 | OD-01-299                          | 10693   | DOE SUBMITTAL OF THE PREPARATION AND FINALIZATION OF THE FIVE-YEAR REVIEW OF RECORDS OF DECISION REPORT,ENCLOSED IMPLEMENTATION SCHEDULE.                                                                 | T. JOHNSON,JR.                                   | K. B. FEELY / C. M. GORMAN |
| 007950      | 07/26/20 | ENVIRONMENTAL BULLETIN, VOLUME 12, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE VOLUME 12, NUMBER 9, JULY 26, 2001 - PREFERRED ALTERNATIVE TECHNOLOGY FOR SALT PROCESSING ANNOUNCED IN SEIS                                           | WSRC                                             |                            |
| 007952      | 07/31/20 | ENVIRONMENTAL BULLETIN, VOLUME 12, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE VOLUME 12, NUMBER 11, JULY 31, 2001 - RCRA PROPOSED PLANS AVAILABLE TO THE PUBLIC                                                                     | WSRC                                             |                            |
| 007966      | 06/01/20 | HS & PH, VOLUME 11, NUMBER 2       | 10693   | HAZARDOUS SUBSTANCES & PUBLIC HEALTH - VOLUME 11, NUMBER 2, DATED SUMMER 2001                                                                                                                             |                                                  |                            |
| 007968      | 05/01/97 | 007968                             | 10693   | SCDHEC GROUNDWATER MIXING ZONE APPLICATION GUIDANCE                                                                                                                                                       | SCDHEC                                           |                            |
| 007969      | 08/22/20 | 007969                             | 10693   | SCDHEC APPROVAL OF DOCUMENT CHANGE IMPACT ASSESSMENT FOR IMPLEMENTATION OF ADDITIONAL DATA VERIFICATION AND VALIDATION PROTOCOLS FOR SITE EVALUATION REPORTS (LETTER, JOHNSON TO GORMAN & FEELY, DATED    | S. L. SIMONS                                     | T. JOHNSON,JR.             |
| 007990      | 07/01/20 | 007990                             | 10693   | TOXICOLOGICAL PROFILE FOR STRONTIUM                                                                                                                                                                       | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                            |
| 007991      | 07/01/20 | 007991                             | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR CESIUM                                                                                                                                                                    | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                            |
| 007992      | 07/01/20 | 007992                             | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR AMERICIUM                                                                                                                                                                 | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                            |
| 007993      | 09/06/20 | WSRC-TR-2000-01 VOL. 1             | 10693   | SAVANNAH RIVER SITE ENVIRONMENTAL REPORT FOR 2000 (WSRC-TR-2000-00328), VOL I                                                                                                                             | WSRC                                             |                            |



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| 007994      | 09/06/20 | WSRC-TR-2000-01 VOL. II | 10693   | SAVANNAH RIVER SITE ENVIRONMENTAL DATA FOR 2000 (WSRC-TR-2000-00329), VOLUME II                                                                                                                                                                         | WSRC                                             |                            |
| 008012      | 09/05/20 | 008012                  | 10693   | USEPA COMMENTS ON THE DEEP ROCK BORING ASSESSMENT PROGRAM, FIRST DRAFT, AUGUST 2001                                                                                                                                                                     | K. B. FEELY                                      | G. WHITNEY                 |
| 008016      | 09/12/20 | 008016                  | 10693   | THE AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY - FY2000 PROFILE & ANNUAL REPORT                                                                                                                                                                   | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                            |
| 008026      | 08/08/20 | 008026                  | 10693   | NEWSPAPER ADVERTISEMENT - (THE PEOPLE SENTINEL) - AVAILABILITY FOR REVIEW - WSRC STATEMENT OF BASIS/PROPOSED PLAN                                                                                                                                       | WSRC                                             |                            |
| 008027      | 08/08/20 | 008027                  | 10693   | NEWSPAPER ADVERTISEMENT - (THE PEOPLE SENTINEL) - AVAILABILITY FOR REVIEW - WSRC HAZARDOUS WASTE PERMIT APPLICATION MODIFICATION REQUEST                                                                                                                | WSRC                                             |                            |
| 008074      | 09/21/20 | 008074                  | 10693   | COMPREHENSIVE GROUNDWATER MONITORING EVALUATION INITIATED JULY 23, 2001, JULY 24, 2001, AND JULY 25, 2001 - ATTACHED ARE DHEC LETTER, TABLE 1 FOR ITINERARY OF COMPREHENSIVE GROUNDWATER MONITORING INSPECTION                                          |                                                  |                            |
| 008082      | 03/17/20 | WSRC-OS-94-42           | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT - APPENDIX D, PAGES D-1 THRU D-4 (3/17/00); APPENDIX E.1, PAGES E.1-1 THRU E.1-4 (3/17/00); APPENDIX E.2, PAGES E.2-1 THRU E.2-4 (3/17/00); APPENDIX E.3, PAGES E.3-1 THRU E.3-6 (3/17/00);              | WSRC                                             |                            |
| 008083      | 06/16/20 | WSRC-OS-94-42           | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT - APPENDIX D, PAGES D-1 THRU D-4 (6/16/00); APPENDIX E.1, PAGES E.1-1 THRU E.1-4 (6/16/00); APPENDIX E.2, PAGES E.2-1 THRU E.2-4 (6/16/00); APPENDIX E.3, PAGES E.3-1 THRU E.3-6 (6/16/00);              | WSRC                                             |                            |
| 008084      | 08/17/20 | WSRC-OS-94-42           | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT - APPENDIX D, PAGES D-1 THRU D-4 (8/17/00); APPENDIX E.1, PAGES E.1-1 THRU E.1-4 (8/17/00); APPENDIX E.2, PAGES E.2-1 THRU E.2-4 (8/17/00); APPENDIX E.3, PAGES E.3-1 THRU E.3-7 (8/17/00);              | WSRC                                             |                            |
| 008085      | 08/30/20 | WSRC-OS-94-42           | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT - APPENDIX D, PAGES D-1 THRU D-4 (8/30/00); APPENDIX E.1, PAGES E.1-1 THRU E.1-4 (8/30/00); APPENDIX E.2, PAGES E.2-1 THRU E.2-4 (8/30/00); APPENDIX E.3, PAGES E.3-1 THRU E.3-7 (8/30/00);              | WSRC                                             |                            |
| 008086      | 08/13/20 | WSRC-OS-94-42           | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT - APPENDIX D, PAGES D-1 THRU D-5 (Revision.0 Appendix D for Fiscal Year 2001, Revision Date 08/13/2001); Revision.1 APPENDIX E.1: PAGES E.1-1 THRU E.1-5 (Revision Date 08/13/2001); Revision.1 APPENDIX | WSRC                                             |                            |
| 008087      | 09/24/20 | WSRC-OS-94-42           | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT - APPENDIX D, PAGES D-1 THRU D-5 (Revision.0 Appendix D for Fiscal Year 2001, Revision Date 09/24/2001); Revision.1 APPENDIX E.1: PAGES E.1-1 THRU E.1-5 (Revision Date 09/24/2001); Revision.1 APPENDIX | WSRC                                             |                            |
| 008095      | 09/28/20 | OD-01-309               | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION.0 APPENDIX C, RCRA/CERCLA UNITS AND REVISION.0 APPENDIX G, SITE EVALUATION LIST FOR FISCAL YEAR 2002                                                                                           | B. T. HENNESSEY                                  | K. B. FEELY / C. M. GORMAN |
| 008109      | 09/27/20 | 008109                  | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE VOLUME 12, NUMBER 15, SEPTEMBER 27, 2001 - K-AREA WASTE UNITS                                                                                                                                       | WSRC                                             |                            |
| 008165      | 10/24/20 | 1824-A020-A1            | 10693   | MODELING SUPPORT FOR THE RURA AND MUNICIPAL WASTE COMBUSTION PROJECTS: FINAL REPORT ON SENSITIVITY AND UNCERTAINTY ANALYSIS FOR THE TERESTRIAL FOOD CHAIN MODEL (INTERAGENCY AGREEMENT NO. 1824-A020-A1)                                                | GREG D. BELCHER/CURTIS C. TRAVIS                 |                            |

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| 008166      | 04/24/86 | OTNL-6251          | 10693   | USER'S MANUAL FOR ECOLOGICAL RISK ASSESSMENT (ENVIRONMENTAL SCIENCES DIVISION PUBLICATION NO. 2679)                                                                                         | MARTIN MARIETTA                                  |                |
| 008167      | 06/07/91 | ES/ER/TM-33/R1     | 10693   | APPROACH AND STRATEGY FOR PERFORMING ECOLOGICAL RISK ASSESSMENTS FOR THE U.S. DEPARTMENT OF ENERGY'S OAK RIDGE RESERVATION: 1994 REVISION                                                   | MARTIN MARIETTA                                  |                |
| 008168      | 06/07/91 | ES/ER/TM-85        | 10693   | TOXICOLOGICAL BENCHMARKS FOR SCREENING POTENTIAL CONTAMINANTS OF CONCERN FOR EFFECTS ON TERRESTRIAL PLANTS                                                                                  | MARTIN MARIETTA                                  |                |
| 008169      | 06/07/91 | ES/ER/TM-96/R1     | 10693   | TOXICOLOGICAL BENCHMARKS FOR SCREENING POTENTIAL CONTAMINANTS OF CONCERN FOR EFFECTS ON AQUATIC BIOTA: 1994 REVISION                                                                        | MARTIN MARIETTA                                  |                |
| 008170      | 06/07/91 | ES/ER/TM-85/R1     | 10693   | TOXICOLOGICAL BENCHMARKS FOR SCREENING POTENTIAL CONTAMINANTS OF CONCERN FOR EFFECTS ON TERRESTRIAL PLANTS: 1994 REVISION                                                                   | MARTIN MARIETTA                                  |                |
| 008172      | 11/01/97 | SAND97-2727 UC-800 | 10693   | NATURAL ATTENUATION OF METALS AND RADIONUCLIDES: REPORT FROM A WORKSHOP HELD BY SANDIA NATIONAL LABORATORIES                                                                                | SANDIA NATIONAL LABORATORIES                     |                |
| 008173      | 08/01/80 | EPA-600/7-80-117   | 10693   | METHODOLOGY TO EVALUATE THE POTENTIAL FOR GROUND WATER CONTAMINATION FROM GEOTHERMAL FLUID RELEASES (INTERAGENCY ENERGY/ENVIRONMENT R&D PROGRAM REPORT)                                     | NATIONAL TECHNICAL INFO. SERVICE                 |                |
| 008174      | 06/08/95 | ES/ER/TM-86-R2     | 10693   | TOXICOLOGICAL BENCHMARKS FOR WILDLIFE: 1995 REVISION                                                                                                                                        | LOCKHEED MARTIN                                  |                |
| 008175      | 11/01/79 | NUREG/CR-1004      | 10693   | A STATISTICAL ANALYSIS OF SELECTED PARAMETERS FOR PREDICTING FOOD CHAIN TRANSPORT AND INTERANL DOSE OF RADIONUCLIDES                                                                        | OAK RIDGE NATIONAL LAB.                          |                |
| 008176      | 09/01/95 | ES/ER/TM-85/R2     | 10693   | TOXICOLOGICAL BENCHMARKS FOR SCREENING POTENTIAL CONTAMINANTS OF CONCERN FOR EFFECTS ON TERRESTRIAL PLANTS: 1995 REVISION                                                                   | LOCKHEED MARTIN                                  |                |
| 008177      | 09/01/94 | ES/ER/TM-125       | 10693   | ESTIMATING EXPOSURE OF TERRESTRIAL WILDLIFE TO CONTAMINANTS                                                                                                                                 | MARTIN MARIETTA                                  |                |
| 008178      | 06/07/91 | ES/ER/TM-86/R1     | 10693   | TOXICOLOGICAL BENCHMARKS FOR WILDLIFE: 1994 REVISION                                                                                                                                        | MARTIN MARIETTA                                  |                |
| 008179      | 06/01/96 | ES/ER/TM-86/R3     | 10693   | TOXICOLOGICAL BENCHMARKS FOR WILDLIFE: 1996 REVISION                                                                                                                                        |                                                  |                |
| 008180      | 10/19/20 | ESH-FSS-2001-00    | 10693   | SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (SCDHEC) GUIDANCE REGARDING CERTIFICATION OF RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) REPORTS AND OTHER RCRA INFORMATION | J. V. ODUM                                       | M. D. SHERRITT |
| 008181      | 09/30/20 | 008181             | 10693   | TOXICOLOGICAL PROFILE FOR DI-N-BUTYL PHTHALATE (UPDATE)                                                                                                                                     | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                |

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| 008182      | 09/30/20 | 008182                             | 10693   | TOXICOLOGICAL PROFILE FOR 1, 2-DICHLOROETHANE (UPDATE)                                                                                                                 | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY<br>AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY<br>AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY<br>AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY<br>AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                            |
| 008184      | 09/30/20 | 008184                             | 10693   | TOXICOLOGICAL PROFILE FOR BENZIDINE (UPDATE)                                                                                                                           |                                                                                                                                                                                                                                                                  |                            |
| 008185      | 09/30/20 | 008185                             | 10693   | TOXICOLOGICAL PROFILE FOR PENTACHLOROPHENOL (UPDATE)                                                                                                                   |                                                                                                                                                                                                                                                                  |                            |
| 008198      | 09/01/20 | 008198                             | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR IODINE                                                                                                                                 |                                                                                                                                                                                                                                                                  |                            |
| ✓008203     | 09/01/20 | 008203                             | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR COBALT                                                                                                                                 |                                                                                                                                                                                                                                                                  |                            |
| ✓008205     | 11/01/20 | ENVIRONMENTAL BULLETIN, VOLUME 12, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE VOLUME 12, NUMBER 17, NOVEMBER 1, 2001 - DOE REQUESTS RCRA PERMIT RENEWAL                                          | WSRC                                                                                                                                                                                                                                                             |                            |
| ✓008232     | 11/07/20 | ENVIRONMENTAL BULLETIN, VOLUME 12, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE VOLUME 12, NUMBER 18, NOVEMBER 7, 2001 - DOE REQUESTS RCRA PERMIT MODIFICATION FOR MIXED WASTE MANAGEMENT FACILITY | WSRC                                                                                                                                                                                                                                                             |                            |
| ✓008257     | 11/14/20 | OD-02-110                          | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION.0 APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2002 (PRINT DATE 10/29/2001) (WSRC OS-94-42)              | B. T. HENNESSEY                                                                                                                                                                                                                                                  | K. B. FEELY / C. M. GORMAN |
| +008258     | 11/16/20 | OD-02-121                          | 10693   | DOE TRANSMITTAL OF THE SAVANNAH RIVER SITE ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE.                                               | B.T. HENNESSEY                                                                                                                                                                                                                                                   | K. B. FEELY / C. M. GORMAN |
| ✓008274     | 11/21/20 | ENVIRONMENTAL BULLETIN, VOLUME 12, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE VOLUME 12, NUMBER 19, NOVEMBER 21, 2001 - BASE INJECTION TECHNOLOGY AT SRS F-AREA                                  | WSRC                                                                                                                                                                                                                                                             |                            |
| ✓008314     | 11/01/20 | WSRC-RP-2001-4                     | 10693   | 2001 ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE. (WSRC-RP-2001-4189) DATED NOVEMBER 2001                                             | WSRC                                                                                                                                                                                                                                                             |                            |
| ✓008339     | 12/20/20 | ENVIRONMENTAL BULLETIN, VOLUME 12, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE, VOLUME 12, NUMBER 20, DECEMBER 20, 2001 - NO ACTION NEEDED AT R-AREA ACID/CAUSTIC BASIN                           | WSRC                                                                                                                                                                                                                                                             |                            |
| +008368     | 11/30/20 | OD-02-136                          | 10693   | DOE SUBMITTAL OF THE TRANSMITTAL OF THE FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 2001 (WSRC-RP-2001-4166)                                     | B. T. HENNESSEY                                                                                                                                                                                                                                                  | K. B. FEELY / C. M. GORMAN |
| ✓008369     | 11/02/20 | WSRC-RP-2001-4                     | 10693   | FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 2001, (WSRC-RP-2001-4166) DATED NOVEMBER 2001.                                                       | WSRC                                                                                                                                                                                                                                                             |                            |
| ✓008378     | 12/17/20 | 008378                             | 10693   | RCRA COMPLIANCE EVALUATION INSPECTION, SAVANNAH RIVER SITE                                                                                                             | K. R. LAPIERRE                                                                                                                                                                                                                                                   | A. B. GOULD                |

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| ✓008385     | 01/10/20 | 008385                             | 10693   | EPA CONTINGENCY APPROVAL OF THE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION.0 APPENDIX C, RCRA/CERCLA UNITS AND REVISION.0 APPENDIX G, SITE EVALUATION LIST FOR FISCAL YEAR 2002, DATED SEPTEMBER 28, ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE, VOLUME 13, NUMBER 1, WSRC JANUARY 15, 2002 - CIF PERMIT MODIFICATION REQUESTED. | K. B. FEELY                                      | B. T. HENNESSEY            |
| ✓008397     | 01/15/20 | ENVIRONMENTAL BULLETIN, VOLUME 13, | 10693   |                                                                                                                                                                                                                                                                                                                                                     |                                                  |                            |
| ✚008433     | 01/31/20 | 008433                             | 10693   | SCDHEC COMMENTS ON THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT - APPENDIX C AND APPENDIX G - REVISION.0 FOR FY 2002 DATED SEPTEMBER 28, 2001. APPENDIX E - REVISION.0 FOR FY 2002 DATED NOVEMBER 14, 2001.                                                                                                                                   | C. M. GORMAN                                     | B. T. HENNESSEY            |
| ✓008438     | 01/28/20 | OD-01-169                          | 10693   | DOE SUBMITTAL FOR APPROVAL OF THE FEDERAL FACILITY AGREEMENT REVISION.0 APPENDIX D, TIMETABLES AND DEADLINES FOR FISCAL YEAR 2002 (PRINT DATE 01/14/2002) AND IMPLEMENTATION SCHEDULES                                                                                                                                                              | B. T. HENNESSEY                                  | K. B. FEELY / C. M. GORMAN |
| ✓008442     | 11/01/20 | WSRC-RP-2001-4                     | 10693   | PAGE CHANGE FOR THE FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT WSRC FOR FISCAL YEAR 2001 (WSRC-RP-2001-4166) DATED NOVEMBER 2001.                                                                                                                                                                                                            |                                                  |                            |
| ✓008447     | 02/07/20 | 008447                             | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 13, NUMBER 2, FEBRUARY 7, 2002 - CENTRAL SHOPS BURNING/RUBBLE PIT OPERABLE UNIT.                                                                                                                                                                                                       | WSRC                                             |                            |
| ✓008455     | 08/18/94 | 008455                             | 10693   | MODIFICATION TO THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT, APPENDIX D.                                                                                                                                                                                                                                                                     | T. M. TREGER                                     |                            |
| ✓008456     | 06/26/95 | 008456                             | 10693   | FEDERAL FACILITY AGREEMENT MODIFICATION, REV. 0, APPENDIX D FOR FISCAL YEAR 1995                                                                                                                                                                                                                                                                    | C. V. ANDERSON                                   |                            |
| ✓008457     | 06/26/95 | 008457                             | 10693   | FEDERAL FACILITY AGREEMENT MODIFICATION FOR XXII G.2, XXII G.5, XXII G.6, VII, XIII, X, APPENDIX G, APPENDIX I.                                                                                                                                                                                                                                     | C. V. ANDERSON                                   |                            |
| ✚008462     | 12/20/20 | OD-02-132                          | 10693   | DOE SUBMITTAL OF THE SECOND FIVE-YEAR REVIEW OF RECORDS OF DECISION REPORT FOR SAVANNAH RIVER SITE (WSRC-RP-2001-4163, REV 0) DATED JUNE 2002. AND THE TABLE - STATUS OF THE ISSUED RODS AT SRS.                                                                                                                                                    | B. T. HENNESSEY                                  | K. B. FEELY / C. M. GORMAN |
| ✓008463     | 06/01/20 | WSRC-RP-2001-4 REV.0               | 10693   | SECOND FIVE-YEAR REVIEW REPORT FOR THE SAVANNAH RIVER SITE AIKEN, SOUTH CAROLINA (WSRC-RP-2001-4163, REV 0) DATED JUNE 2002.                                                                                                                                                                                                                        | WSRC                                             |                            |
| ✓008485     | 01/31/20 | 008485                             | 10693   | RADIO ADVERTISEMENT - WYKZ FM - RADIO ANNOUNCEMENT OF SAVANNAH RIVER SITE CITIZENS ADVISORY BOARD MEETING CONCERNING F CANYON AT SRS AND HIGH LEVEL WASTE SALT PROCESSING.                                                                                                                                                                          | WSRC                                             |                            |
| ✓008486     | 01/31/20 | WSRC-OS-94-42                      | 10693   | FEDERAL FACILITY AGREEMENT REVISION.0 - (REV.0 APPENDIX C.1-1 - C.1-13 FOR FISCAL YEAR 2002, PRINT DATE 9/28/2001); (REV.0 APPENDIX C.2-1 - C.2-13 FOR FISCAL YEAR 2002, PRINT DATE 9/28/2001) (REV.0 APPENDIX C.3-1 - C.3-21 FOR FISCAL YEAR                                                                                                       | WSRC                                             |                            |
| ✓008504     | 05/01/20 | WSRC-TR-2000-01 / ESH-ESS-2000-00  | 10693   | ANNUAL RADIOACTIVE WASTE TANK INSPECTION PROGRAM 1999 AND SUBMITTAL LETTER                                                                                                                                                                                                                                                                          | WSRC                                             |                            |
| ✓008511     | 09/01/20 | 008511                             | 10693   | TOXICOLOGICAL PROFILE FOR SELENIUM, SEPTEMBER 2001                                                                                                                                                                                                                                                                                                  | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                            |

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| ✚008536     | 03/04/20 | 008536          | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE, VOLUME 13, NUMBER 4, WSRC DATED MARCH 4, 2002. PERMIT MODIFICATION REQUESTED FOR HAZARDOUS WASTE STORAGE FACILITY.                                                                                              |                                                  |                            |
| ✚008543     | 03/05/20 | OD-02-197       | 10693   | DOE SUBMITTAL OF FEDERAL FACILITY AGREEMENT REVISION.1 APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2002 (PRINT DATE 2/14/2002) AND RESPONSE TO SCDHEC COMMENTS ON THE FEDERAL FACILITY AGREEMENT REV.0                                                         | B. T. HENNESSEY                                  | K. B. FEELY / C. M. GORMAN |
| ✚008544     | 09/01/20 | 008544          | 10693   | TOXICOLOGICAL PROFILE FOR MUSTARD GAS, SEPTEMBER 2001                                                                                                                                                                                                                | AGENCY FOR TOXIC SUBSTANCE AND DISEASE REGISTRY  |                            |
| ✚008551     | 02/22/20 | 008551          | 10693   | TOXICOLOGICAL PROFILE FOR MALATHION, SEPTEMBER 2001.                                                                                                                                                                                                                 | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                            |
| ✚008554     | 03/04/20 | 008554          | 10693   | SCDHEC APPROVAL OF THE APPENDIX D - TIMETABLES AND DEADLINES FOR FISCAL YEAR 2002 (DATED JANUARY 28, 2002) TO THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT                                                                                                     | C. M. GORMAN                                     | B. T. HENNESSEY            |
| ✚008557     | 03/07/20 | OD-02-209       | 10693   | DOE SUBMITTAL OF THE ANNUAL TANK ASSESSMENT AND STATUS REPORTS FOR THE SAVANNAH RIVER SITE (SRS) HIGH LEVEL WASTE (HLW) TANK SYSTEMS (WSRC-RP-2002-00169) DATED MARCH 2002 AND THE REVISED HIGH LEVEL WASTE DRAFT TOXICOLOGICAL PROFILE FOR ATRAZINE, SEPTEMBER 2001 | B. T. HENNESSEY                                  | K. B. FEELY / C. M. GORMAN |
| ✚008559     | 09/01/20 | 008559          | 10693   |                                                                                                                                                                                                                                                                      | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                            |
| ✚008560     | 09/01/20 | 008560          | 10693   | TOXICOLOGICAL PROFILE FOR PYRETHRINS AND PYRETHROIDS, SEPTEMBER 2001                                                                                                                                                                                                 | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                            |
| ✚008563     | 09/01/20 | 008563          | 10693   | TOXICOLOGICAL PROFILE FOR FLUORIDES, SEPTEMBER 2001                                                                                                                                                                                                                  | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                            |
| ✚008567     | 01/29/20 | 008567          | 10693   | FOLLOW-UP LETTER FROM DEPT. OF HEALTH AND HUMAN SERVICES (AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY) ON THE ANNOUNCEMENT BY THE EPA CONCERNING WATER STANDARD FOR THE ARSENIC DRINKING WATER.                                                                 | DEPT. OF HEALTH AND HUMAN SERVICES               |                            |
| ✚008587     | 03/20/20 | OD-02-221       | 10693   | DOE SUBMITTAL OF THE DOCUMENT CHANGE IMPACT ASSESSMENT FOR IMPLEMENTATION OF THE REVISED SAVANNAH RIVER SITE RISK-BASED ACTIVITY VALUES (ERD-DCI-000013, REV.0, MARCH 2002)                                                                                          | B. T. HENNESSEY                                  | K. B. FEELY / C. M. GORMAN |
| ✚008597     | 03/18/20 | 008597          | 10693   | SCDHEC APPROVAL OF THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT - APPENDIX E - LONG TERM PROJECTIONS FOR FISCAL YEAR 2002 (REVISION.1 DATED MARCH 5, 2002)                                                                                                     | C. M. GORMAN                                     | B. T. HENNESSEY            |
| ✚008600     | 03/19/20 | ESH-EMS-02-0582 | 10693   | REQUEST FOR VARIANCE TO SOUTH CAROLINA WELL STANDARDS AND REGULATION, R.61-71 FOR ENVIRONMENTAL SOIL SAMPLING BORINGS                                                                                                                                                | M. D. DUKES                                      | J. R. HESS                 |
| ✚008610     | 03/15/20 | 008610          | 10693   | EPA APPROVAL OF THE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION.0 APPENDIX D, TIMETABLES AND DEADLINES FOR FISCAL YEAR 2002 (PRINT DATE 1/14/2002) AND IMPLEMENTATION SCHEDULES, DATED JANUARY 28, 2002.                                                    | K. B. FEELY                                      | B. T. HENNESSEY            |
| ✚008611     | 03/28/20 | 008611          | 10693   | SCDHEC APPROVAL OF THE DOCUMENT CHANGE IMPACT ASSESSMENT FOR IMPLEMENTATION OF THE REVISED SAVANNAH RIVER RISK-BASED ACTIVITY VALUES DATED MARCH 20, 2002.                                                                                                           | C. M. GORMAN                                     | B. T. HENNESSEY            |

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|  008618   | 04/02/20 | 008618                 | 10693   | INTEROFFICE MEMO - SCDHEC STANDARD MONITORING WELL APPROVAL #HW-02-0029 L. S. COWARD AND WSRC PROGRAM PLAN APPROVAL; F-AREA HWMF WELL ABANDONMENT/REPLACEMENT AND ATTACHMENTS                                               |                                         | R. K. CAUTHEN              |
|  008628   | 01/12/20 | WSRC-RP-98-412 REV 1.1 | 10693   | LAND USE CONTROL ASSURANCE PLAN FOR THE SAVANNAH RIVER SITE (WSRC-RP-98-4125, REV. 1.1) AUGUST 1999, UPDATED JANUARY 12, 2002                                                                                               | WSRC                                    |                            |
|  008631   | 04/03/20 | 008631                 | 10693   | SCDHEC COMMENTS ON THE ANNUAL TANK ASSESSMENT AND STATUS REPORTS FOR THE SAVANNAH RIVER SITE (SRS) HIGH LEVEL WASTE (HLW) TANK SYSTEMS DATED MARCH 7, 2002 (WSRC-RP-2002-000169)                                            | C. M. GORMAN                            | B. T. HENNESSEY            |
|  008667   | 04/16/20 | OD-02-235              | 10693   | DOE SUBMITTAL OF THE REVISED WASTE REMOVAL SCHEDULE FOR THE SAVANNAH RIVER SITE (SRS) HIGH LEVEL WASTE (HLW) TANK SYSTEMS. REF.: LETTER, C. GORMAN TO B. HENNESSEY, ANNUAL TANK ASSESSMENT AND STATUS REPORTS FOR           | B. T. HENNESSEY                         | K. B. FEELY / C. M. GORMAN |
|  008673   | 04/17/20 | 008673                 | 10693   | PUBLIC NOTICE - (THE STATE) - THE SAVANNAH RIVER SITE CITIZENS ADVISORY BOARD - AT SAVANNAH, GA. "YOUR WORLD" ON APRIL 22, 2002 AND APRIL 23, 2002                                                                          | WSRC                                    |                            |
|  008681   | 04/12/20 | 008681                 | 10693   | SCDHEC LETTER ON THE D-AREA PETROLEUM PRODUCT RELEASE SITE NEAR D-006 OUTFALL; DHEC ID 01861, PROJECT TRANSFER NOTIFICATION BARNWELL COUNTY                                                                                 | MICHAEL A. BISHOP                       | M. B. HUGHES               |
|  008682   | 04/21/20 | OD-02-234              | 10693   | DOE LETTER ON THE FOLLOW-UP REMOVAL ACTION REPORTS FOR TIME CRITICAL REMOVALS IN THE AREA ON THE NORTH SIDE OF BUILDING 105-R AND THE LAYDOWN AREA NORTH OF 105-R. ENCLOSURES - LETTER, J. W. COOK TO J. L. CRANE AND K. L. | B. T. HENNESSEY                         | P. B. ALLEN                |
|  008683   | 04/17/20 | 008683                 | 10693   | SCDHEC COMMENTS ON THE SECOND FIVE-YEAR REVIEW REPORT FOR THE SAVANNAH RIVER SITE, WSRC-RP-2001-4163, REV.0, JUNE 2002                                                                                                      | C. M. GORMAN                            | B. T. HENNESSEY            |
|  008686   | 04/12/20 | 008686                 | 10693   | SCDHEC LETTER ON THE D-AREA PETROLEUM PRODUCT RELEASE SITE NEAR D-006 OUTFALL, DHEC ID #01861, PROJECT TRANSFER NOTIFICATION BARNWELL COUNTY                                                                                | MICHAEL A. BISHOP                       | M. B. HUGHES               |
|  008721   | 05/01/20 | VOLUME 12, NO. 1       | 10693   | HAZARDOUS SUBSTANCES AND PUBLIC HEALTH - VOLUME 12, NUMBER 1, SPRING 2002                                                                                                                                                   | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                            |
|  008763 | 05/15/20 | 008763                 | 10693   | WASTE REMOVAL SCHEDULE FOR THE SAVANNAH RIVER SITE (SRS) HIGH LEVEL WASTE (HLW) TANK SYSTEM (REV. 1 DATED APRIL 16, 2002)                                                                                                   | C. M. GORMAN                            | B. T. HENNESSEY            |
|  008777 | 05/15/20 | WSRC-OS-94-42          | 10693   | FEDERAL FACILITY AGREEMENT - PAGE CHANGES FOR REV.0 APPENDIX C, APPENDIX D, APPENDIX E, APPENDIX G, AND MODIFICATION RECORD FOR FISCAL YEAR 2002 (WSRC-OS-94-42)                                                            | WSRC                                    |                            |
|  008778 | 04/11/20 | WSRC-OS-94-42          | 10693   | PAGE CHANGES FOR APPENDIX D, REV. 0, APPENDIX E, REV. 1, AND RECORD OF MODIFICATIONS (WSRC-OS-94-42)                                                                                                                        | WSRC                                    |                            |
|  008779 | 04/01/20 | WSRC-RP-2002-41 REV. 0 | 10693   | GROUNDWATER MODELING FOR THE NORTHEAST PLUME OF THE MIXED WASTE MANAGEMENT FACILITY (WSRC-RP-2002-4072, REV. 0) DATED APRIL 2002                                                                                            | WSRC                                    |                            |
|  008782 | 04/28/20 | 008782                 | 10693   | RADIO ANNOUNCEMENT - WGCO - THE SAVANNAH RIVER SITE CITIZEN ADVISORY BOARD BUSINESS MEETING ON THE FY 2003 BUDGET PLANS TO ADDRESS THE STORAGE OF DEPLETED URANIUM AND ACCELERATED OFFSITE SHIPMENTS OF                     | WSRC                                    |                            |

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|-------------|----------|------------------------------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------------------|
| ✓008789     | 03/01/99 | DOE/EIS-0271                       | 10693   | FINAL ENVIRONMENTAL IMPACT STATEMENT - CONSTRUCTION & OPERATION OF A TRITIUM EXTRACTION FACILITY AT THE SAVANNAH RIVER SITE (DOE/EIS-0271) DATED MARCH 1999                                                                    | DOE             |                            |
| ✓008806     | 06/04/20 | OD-02-230                          | 10693   | DOE SUBMITTAL OF THE DOCUMENT CHANGE IMPACT ASSESSMENT FOR THE DISCOUNT RATE REVISION IN CMS/FS DOCUMENTS (ERD-DCI-000014, REV.0, APRIL 2002)                                                                                  | B. T. HENNESSEY | K. B. FEELY / C. M. GORMAN |
| ✓008813     | 06/07/20 | ENVIRONMENTAL BULLETIN, VOLUME 13, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE, VOLUME 13, NUMBER 9, WSRC PROGRAMMATIC ENVIRONMENTAL ASSESSMENT CONSIDERS SRS AS POTENTIAL STORAGE SITE FOR URANIUM, DATED JUNE 7, 2002                                   |                 |                            |
| ✓008815     | 06/10/20 | ENVIRONMENTAL BULLETIN, VOLUME 13, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE, VOLUME 13, NUMBER 10, REMEDIAL APPROACH PROPOSED FOR GENERAL SEPARATIONS AREA CONSOLIDATION UNIT. DATED JUNE 10, 2002                                                     | WSRC            |                            |
| ✓008834     | 04/11/20 | WSRC-OS-94-42                      | 10693   | PAGE CHANGES FOR APPENDIX D, REV.0, APPENDIX E, REV.1, AND MODIFICATION RECORD TO THE FFA (WSRC-OS-94-42) FOR FISCAL YEAR 2002                                                                                                 | WSRC            |                            |
| ✓008835     | 07/17/95 | 008835                             | 10693   | SAVANNAH RIVER SITE WORKOUT MEETING, JULY 17 AND 18, 1995 IN ROCKHILL, SC.                                                                                                                                                     | WSRC            |                            |
| ✓008865     | 06/18/20 | 008865                             | 10693   | EPA APPROVAL OF THE WASTE REMOVAL SCHEDULE FOR THE SAVANNAH RIVER SITE HIGH LEVEL WASTE TANK SYSTEMS (REV.1, DATED APRIL 16, 2002)                                                                                             | KEN B. FEELY    | B. T. HENNESSEY            |
| ✓008867     | 07/08/20 | VOLUME 13, NUMBER 12               | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE, VOLUME 13, NO. 12 - DATED JULY 8, 2002                                                                                                                                    | WSRC            |                            |
| ✓008880     | 06/06/20 | 008880                             | 10693   | NEWSPAPER ADVERTISEMENT - DOE WORKSHOPS (JUNE 10, 26 AND JULY 8, 2002) - ON THE SRS DRAFT ENVIRONMENTAL MANAGEMENT PROGRAM PERFORMANCE MANAGEMENT PLAN                                                                         | WSRC            |                            |
| ✓008889     | 07/03/20 | 008889                             | 10693   | NEWSPAPER ADVERTISEMENT - JULY 3, 2002 - (THE SAVANNAH TRIBUNE) - DOE WORKSHOP ON JULY 8 AT COASTAL GEORGIA CENTER ON THE SRS DRAFT ENVIRONMENTAL MANAGEMENT PROGRAM PERFORMANCE MANAGEMENT PLAN                               | WSRC            |                            |
| +008895     | 07/11/20 | OD-02-275                          | 10693   | THE STATUS OF THE SECOND FIVE-YEAR REVIEW OF RECORDS OF DECISION REPORT (WSRC-RP-2001-4163) AND ENCLOSURE 1 (LETTER OF FROM B. T. HENNESSEY TO C. M. GORMAN AND K. B. FEELY ON THE SUBMITTAL OF THE SECOND FIVE-YEAR REVIEW OF | B. T. HENNESSEY | K. B. FEELY / C. M. GORMAN |
| ✓008939     | 07/24/20 | WSRC-OS-94-42                      | 10693   | FEDERAL FACILITY AGREEMENT - PAGE CHANGES FOR APPENDIX C, REV.0; APPENDIX G, REV.0; AND MODIFICATION RECORD TO THE FFA (WSRC-OS-94-42)                                                                                         | WSRC            |                            |
| ✓008953     | 08/05/20 | VOLUME 13, NUMBER 13               | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 13, NUMBER 13 - DATED AUGUST 5, 2002                                                                                                                              | WSRC            |                            |
| ✓008979     | 08/08/20 | OD-02-317                          | 10693   | DOE SUBMITTAL OF THE SITE EVALUATION PROTOCOL                                                                                                                                                                                  | B. T. HENNESSEY | K. B. FEELY / C. M. GORMAN |
| ✓008980     | 08/12/20 | OD-02-314                          | 10693   | DOE SUBMITTAL OF THE DOCUMENT CHANGE IMPACT ASSESSMENT FOR THE IMPLEMENTATION OF REVISED RISK ASSESSMENT GUIDANCE FOR SUPERFUND (RAGS) PART D (ERD-DCI-000015, REV.0, JULY 2002)                                               | B. T. HENNESSEY | K. B. FEELY / C. M. GORMAN |

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|  009000   | 08/19/20 | OD-02-321            | 10693   | DOE SUBMITTAL OF THE PROTOCOL AND DOCUMENT CHANGE IMPACT ASSESSMENT FOR THE LAND USE CONTROL IMPLEMENTATION PLAN TEMPLATE/FORMAT (ERD-DCI-000016, REVISION.0, AUGUST 2002) | B. T. HENNESSEY                                  | K. B. FEELY / C. M. GORMAN |
|  009012   | 03/27/91 | 009012               | 10693   | GROUNDWATER MONITORING INFORMATION: 1990 SRS GROUNDWATER WELL SAMPLING (CERCLA) CHAIN OF CUSTODY FORMS - GENERAL ENGINEERING LABORATORIES                                  |                                                  |                            |
|  009029   | 09/04/20 | VOLUME 13, NUMBER 14 | 10693   | ENVIRONMENTAL BULLETIN, VOLUME 13, NUMBER 14, SEPTEMBER 4, 2002                                                                                                            | WSRC                                             |                            |
|  009039   | 09/05/20 | 009039               | 10693   | SCDHEC APPROVAL OF THE DOCUMENT CHANGE IMPACT ASSESSMENT FOR IMPLEMENTATION OF THE REVISED RISK ASSESSMENT GUIDANCE FOR SUPERFUND (RAGS) PART D, DATED AUGUST 12, 2002     | C. M. GORMAN                                     | B. T. HENNESSEY            |
|  009061   | 09/10/20 | WSRC-OS-94-42        | 10693   | FEDERAL FACILITY AGREEMENT APPENDIX D (REV.0), SEPT.10, 2002; APPENDIX E (REV.1) SEPT. 10, 2002, AND MODIFICATION RECORD (WSRC-OS-94-42)                                   | WSRC                                             |                            |
|  009077   | 08/30/20 | WSRC-OS-94-42        | 10693   | FEDERAL FACILITY AGREEMENT - PAGE CHANGES FOR APPENDIX C (REV.0), 8/30/2002; APPENDIX G (REV.0) 8/30/2002; AND MODIFICATION RECORD PAGES 1-6. (WSRC-OS-94-42)              | WSRC                                             |                            |
|  009079   | 09/17/20 | OD-02-337            | 10693   | DOE SUBMITTAL OF THE DOCUMENT CHANGE IMPACT ASSESSMENT FOR THE REVISED TOXICITY REFERENCE VALUES (TRVs) IN ECOLOGICAL RISK ASSESSMENT                                      | B. T. HENNESSEY                                  | K. B. FEELY / C. M. GORMAN |
|  009086   | 09/18/20 | 009086               | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, (2nd/3rd QUARTERS 1995; 4th QUARTER 1996)                                                                      |                                                  |                            |
|  009087   | 09/18/20 | 009087               | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, (1st, 2nd and 3rd QUARTERS 2000)                                                                               |                                                  |                            |
|  009088   | 09/18/20 | 009088               | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS (SOILS), 2000                                                                                                   |                                                  |                            |
|  009089 | 09/18/20 | 009089               | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS (SOILS), 2000                                                                                                   |                                                  |                            |
|  009098 | 09/01/20 | WSRC-TR-2001-0       | 10693   | ENVIRONMENTAL REPORT FOR 2001 SUMMARY, ENVIRONMENTAL MONITORING SECTION, ENVIRONMENTAL PROTECTION DEPARTMENT, SRS, AIKEN, SC.                                              | WSRC                                             |                            |
|  009106 | 09/24/20 | 009106               | 10693   | FIELD LOG BOOKS (1st QUARTER 1996)                                                                                                                                         |                                                  |                            |
|  009112 | 09/25/20 | VOLUME 13, NUMBER 15 | 10693   | ENVIRONMENTAL BULLETIN, VOLUME 13, NUMBER 15, DATED SEPTEMBER 25, 2002                                                                                                     | WSRC                                             |                            |
|  009116 | 11/30/20 | 009116               | 10693   | INTERACTION PROFILE FOR ARSENIC, HYDRAZINES, JET FUELS, STRONTIUM, AND TRICHLORETHYLENE                                                                                    | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                            |



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| ✓009118     | 12/01/20 | 009118               | 10693   | INTERACTION PROFILE FOR STRONTIUM, COBALT, CESIUM, TRICHLORETHYLENE AND POLYCHLORINATED BIPHENYLS                                                                                                        | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                            |
| ✓009119     | 09/02/20 | 009119               | 10693   | GUIDANCE MANUAL FOR THE ASSESSMENT OF JOINT TOXIC ACTION OF CHEMICAL MIXTURES                                                                                                                            | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                            |
| ✓009120     | 06/01/20 | 009120               | 10693   | INTERACTION PROFILE FOR URANIUM, FLUORIDE, CYANIDE, AND NITRATE                                                                                                                                          | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                            |
| ✓009127     | 09/25/20 | 009127               | 10693   | NEWSPAPER ADVERTISEMENT (THE PEOPLE-SENTINEL) - PUBLIC NOTICE - A-AREA MISCELLANEOUS RUBBLE PIT OPERABLE UNIT - SEPTEMBER 25, 2002                                                                       | WSRC                                             |                            |
| ✓009128     | 08/15/20 | 009128               | 10693   | (TOX FAQS) - INFORMATION SHEETS ON ASBESTOS, BENZIDINE, 1,2-DICHLOROETHANE, DI-N-BUTYLPHTHALATE, METHYL PARATHION, AND PENTACHLOROPHENOL                                                                 | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                            |
| ✓009145     | 10/07/20 | VOLUME 13, NUMBER 16 | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE, VOLUME 13, NUMBER 16, OCTOBER 7, 2002                                                                                                               | WSRC                                             |                            |
| +009146     | 09/30/20 | OD-02-338            | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT (FFA) REV.0 APPENDIX C, RCRA/CERCLA UNITS AND REV.0, APPENDIX G, AND SITE EVALUATION AREAS FOR FISCAL YEAR 2003                                          | B. T. HENNESSEY                                  | K. B. FEELY / C. M. GORMAN |
| ✓009147     | 09/04/20 | 009147               | 10693   | FEDERAL FACILITY AGREEMENT (FFA) APPENDIX C, RCRA/CERCLA UNITS FOR FISCAL YEAR 2003, REV.0, DATED SEPT. 04, 2002, AND APPENDIX G, SITE EVALUATION AREAS FOR FISCAL YEAR 2003. REV.0 DATED SEPT. 04, 2002 | WSRC                                             |                            |
| ✓009177     | 10/01/20 | VOLUME 1, NO. 1/2    | 10693   | PUBLIC HEALTH AND THE ENVIRONMENT BOOKLET, DEPT. OF HEALTH AND HUMAN SERVICES, VOLUME 1, FALL 2002                                                                                                       | PUBLIC HEALTH AND THE ENVIRONMENT                |                            |
| ✓009182     | 10/10/20 | 009182               | 10693   | EPA COMMENTS ON THE REV.0 SECOND FIVE-YEAR REVIEW REPORT FOR THE SAVANNAH RIVER SITE, JUNE 2002                                                                                                          | KEN B. FEELY                                     | B. T. HENNESSEY            |
| +009183     | 10/25/20 | OD-03-115            | 10693   | DOE EXTENSION REQUEST FOR THE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT (FFA) REV.0 APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2003                                                             | B. T. HENNESSEY                                  | K. B. FEELY / C. M. GORMAN |
| +009184     | 10/23/20 | OD-02-358            | 10693   | DOE SUBMITTAL OF THE CMS/FS TEMPLATES, STATEMENT OF BASIS/PROPOSED PLAN TEMPLATES, AND RECORD OF DECISION TEMPLATES                                                                                      | B. T. HENNESSEY                                  | K. B. FEELY / C. M. GORMAN |
| ✓009185     | 10/01/20 | 009185               | 10693   | TEMPLATES FOR THE CMS/FS REDLINE AND CLEAN COPY; STATEMENT OF BASIS/PROPOSED PLAN REDLINE AND CLEAN COPY; RECORD OF DECISION REDLINE AND CLEAN COPY; NO ACTION RECORD OF DECISION REDLINE AND CLEAN COPY | WSRC                                             |                            |
| ✓009189     | 10/23/20 | 009189               | 10693   | NEWSPAPER ADVERTISEMENT - (THE PEOPLE SENTINEL) - PUBLIC NOTICE - RECORD OF DECISION ISSUED FOR THE GENERAL SEPARATIONS ARE CONSOLIDATION UNIT                                                           | WSRC                                             |                            |
| +009190     | 10/28/20 | 009190               | 10693   | SCDHEC DENIAL OF EXTENSION REQUEST DATED OCTOBER 25, 2002 FOR SUBMITTAL OF THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT REV.0 APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2003               | C. M. GORMAN                                     | B. T. HENNESSEY            |

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| ✓009197     | 09/01/20 | 009197                             | 10693   | TOXICOLOGICAL PROFILE FOR ALDRIN/DIELDRIN (UPDATE), SEPTEMBER 2002                                                                                                                                                | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                            |
| ✓009198     | 09/01/20 | 009198                             | 10693   | TOXICOLOGICAL PROFILE FOR HEXACHLOROBENZENE (UPDATE), DATED SEPTEMBER 2002                                                                                                                                        | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                            |
| ✓009199     | 09/01/20 | 009199                             | 10693   | TOXICOLOGICAL PROFILE FOR DDT/DDD/DDE (UPDATE) - DATED SEPTEMBER 2002                                                                                                                                             | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                            |
| ✓009200     | 09/01/20 | 009200                             | 10693   | TOXICOLOGICAL PROFILE FOR CREOSOTE (UPDATE) - DATED SEPTEMBER 2002                                                                                                                                                | AGENCY FOR TOXIC SUBSTANCES AND DISEASE RIGISTRY |                            |
| ✓009220     | 11/05/20 | 009220                             | 10693   | EPA DENIAL OF THE EXTENSION REQUEST FOR THE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT (FFA) REV.0, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2002, DATED OCTOBER 25, 2002                               | K. B. FEELY                                      | B. T. HENNESSEY            |
| ✓009230     | 11/13/20 | OD-03-102                          | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT - ENCLOSURE 1) REV.0 APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2003 (PRINT DATE 11/06/2002); ENCLOSURE 2) LIST OF CHANGES FROM APPENDIX E FOR FISCAL YEAR | B. T. HENNESSEY                                  | K. B. FEELY / C. M. GORMAN |
| +009233     | 11/14/20 | OD-03-120                          | 10693   | DOE TRANSMITTAL OF THE SAVANNAH RIVER SITE ADMINISTRATIVE RECORD FILE/INFORMATIONAL REPOSITORY FILE ANNUAL INDICES UPDATE (WSRC-RP-2002-4177, NOVEMBER 2002)                                                      | B. T. HENNESSEY                                  | K. B. FEELY / C. M. GORMAN |
| ✓009234     | 11/01/20 | WSRC-RP-2002-4                     | 10693   | 2002 ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE (WSRC-RP-2002-4177) DATED NOVEMBER 2002                                                                                         | WSRC                                             |                            |
| ✓009237     | 11/15/20 | VOLUME 13, NO. 18                  | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 13, NUMBER 18, DATED NOVEMBER 15, 2002                                                                                                               | WSRC                                             |                            |
| ✓009242     | 09/01/20 | 009242                             | 10693   | TOXICOLOGICAL PROFILE FOR BERYLLIUM - SEPTEMBER 2002                                                                                                                                                              | AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                            |
| ✓009255     | 09/30/20 | THE AGENCY FOR TOXIC SUBSTANCES    | 10693   | FISCAL YEAR 2001 AGENCY PROFILE AND ANNUAL REPORT (THE AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY) - OCTOBER 1, 2000 TO SEPTEMBER 30, 2001                                                                  | WSRC                                             |                            |
| ✓009258     | 09/01/20 | 009258                             | 10693   | TOXICOLOGICAL PROFILE FOR METHOXYCHLOR UPDATE - DEPT. OF HEALTH & HUMAN SERVICES - AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY - SEPTEMBER 2002                                                              | DEPT. OF HEALTH & HUMAN SERVICES                 |                            |
| ✓009261     | 11/27/20 | OD-03-124                          | 10693   | DOE SUBMITTAL OF THE TRANSMITTAL OF THE FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 2002 (WSRC-RP-2002-4202)                                                                                | B. T. HENNESSEY                                  | K. B. FEELY / C. M. GORMAN |
| ✓009262     | 11/01/20 | WSRC-RP-2002-4                     | 10693   | FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 2002 (WSRC-RP-2002-4202) DATED NOVEMBER 2002                                                                                                    | WSRC                                             |                            |
| ✓009265     | 12/05/20 | ENVIRONMENTAL BULLETIN, VOLUME 13, | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE, VOLUME 13, NUMBER 19 - DECEMBER 5, 2002                                                                                                                      | WSRC                                             |                            |

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| ✓009296     | 12/16/20 | VOLUME 13, NUMBER 20 | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 13, NUMBER 20, DECEMBER 16, 2002 - MODIFICATION REQUESTED FOR HAZARDOUS WASTE PERMIT                                                               | WSRC                      |                            |
| +009327     | 12/12/20 | OD-03-142            | 10693   | DOE SUBMITTAL OF THE 30-DAY EXTENSION NOTIFICATION FOR THE SUBMITTAL OF THE REV.1 FIVE-YEAR REVIEW OF RECORDS OF DECISION REPORT (WSRC-RP-2001-4163)                                                            | B. T. HENNESSEY           | K. B. FEELY / C. M. GORMAN |
| ✓009328     | 12/05/20 | 009328               | 10693   | NEWSPAPER ADVERTISEMENT - DECEMBER 5, 2002 - PUBLIC NOTICE ON THE L-AREA HOT SHOP AND C-AREA REACTOR SEEPAGE BASIN AND L-AREA REACTOR SEEPAGE BASIN                                                             | WSRC                      |                            |
| ✓009343     | 12/20/20 | 009343               | 10693   | SCDHEC LETTER ON THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT, APPENDIX C - RCRA/CERCLA UNITS AND APPENDIX G - SITE EVALUATION LIST FOR FISCAL YEAR (FY) 2003 - REV.0, DATED SEPTEMBER 30, 2002           | C. M. GORMAN              | B. T. HENNESSEY            |
| +009344     | 12/20/20 | 009344               | 10693   | SCDHEC APPROVAL OF THE ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE FOR 2002 (WSRC-RP-2002-4177)                                                                                | C. M. GORMAN              | B. T. HENNESSEY            |
| +009349     | 12/31/20 | 009349               | 10693   | SCDHEC AND EPA COMMENTS ON THE SAVANNAH RIVER SITE, FEDERAL FACILITY AGREEMENT (FFA), REV.0, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2003 (COVER LETTER DATED NOVEMBER 13, 2002)                      | C. M. GORMAN, K. B. FEELY | B. T. HENNESSEY            |
| ✓009353     | 12/16/20 | 009353               | 10693   | NEWSPAPER ADVERTISEMENT - (THE STATE) - PUBLIC NOTICE ON THE MODIFICATIONS TO THE 1992 RCRA PART B PERMIT RENEWAL APPLICATIONS FOR (VOL. III - M-AREA, VOL. VI - F-AREA, AND VOL. V - H-AREA HAZARDOUS WASTE    | WSRC                      |                            |
| ✓009356     | 12/18/20 | 009356               | 10693   | NEWSPAPER ADVERTISEMENT (THE PEOPLE SENTINEL) - PUBLIC NOTICE ON THE HAZARDOUS WASTE PERMIT APPLICATION MODIFICATION REQUEST - DECEMBER 18, 2002                                                                | WSRC                      |                            |
| ✓009361     | 12/16/20 | 009361               | 10693   | NEWSPAPER ADVERTISEMENT - (THE AUGUSTA CHRONICLE) - PUBLIC NOTICE ON THE HAZARDOUS WASTE PERMIT APPLICATION - DECEMBER 16, 2002                                                                                 | WSRC                      |                            |
| ✓009380     | 01/14/20 | OD-03-152            | 10693   | DOE SUBMITTAL OF THE TECHNICAL BASIS FOR THE USE OF BACKFILL SOIL FROM THE SAVANNAH RIVER SITE CENTRAL SHOPS BORROW PIT                                                                                         | B. T. HENNESSEY           | K. B. FEELY / C. M. GORMAN |
| ✓009381     | 12/16/20 | 009381               | 10693   | NEWSPAPER ADVERTISEMENT - (THE AUGUSTA CHRONICLE) - BECHTEL CONSTRUCTION EMPLOYEES ACHIEVEMENT OF NEW SAFETY RECORD - DECEMBER 16, 2002                                                                         | WSRC                      |                            |
| ✓009399     | 01/22/20 | 009399               | 10693   | ENVIRONMENTAL BULLETIN - VOLUME 14, NUMBER 1 - JANUARY 22, 2003                                                                                                                                                 | WSRC                      |                            |
| ✓009408     | 01/28/20 | OD-03-164            | 10693   | DOE SUBMITTAL OF THE DOCUMENT CHANGE IMPACT ASSESSMENT FOR THE RADIONUCLIDE PRGs FOR SUPERFUND ELECTRONIC CALCULATOR                                                                                            | B. T. HENNESSEY           | K. B. FEELY / C. M. GORMAN |
| +009414     | 01/30/20 | OD-03-163            | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REV.1 APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2003 (PRINT DATE 01/17/2002) AND RESPONSES TO UNITED STATES ENVIRONMENTAL PROTECTION AGENCY - REGION IV | B. T. HENNESSEY           | K. B. FEELY / C. M. GORMAN |
| ✓009442     | 01/06/20 | 009442               | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE, VOLUME 14, NUMBER 2 - (FEBRUARY 6, 2003)                                                                                                                   | WSRC                      |                            |

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| ➔009451     | 02/07/20 | OD-03-176            | 10693   | DOE SUBMITTAL OF THE REV.1 FIVE-YEAR REVIEW OF RECORDS OF DECISION REPORT SAVANNAH RIVER SITE (WSRC-RP-2001-4163, REV.1, FEBRUARY, 2003), AND SCDHEC AND USEPA COMMENTS AND SRS RESPONSES ON REV.0, DATED JUNE 2002                                                                                                                                                                                                                             | B. T. HENNESSEY    | K. B. FEELY / C. M. GORMAN |
| ➔009452     | 02/01/20 | WSRC-RP-2001-4 REV.1 | 10693   | SECOND FIVE-YEAR REVIEW REPORT FOR THE SAVANNAH RIVER SITE, (WSRC-RP-2001-4163, REV.1) DATED FEBRUARY 2003                                                                                                                                                                                                                                                                                                                                      | WSRC               |                            |
| ✅009459     | 02/17/20 | 009459               | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 14, NUMBER 5, FEBRUARY 17, 2003                                                                                                                                                                                                                                                                                                                                                    | WSRC               |                            |
| ✅009462     | 01/31/20 | 009462               | 10693   | NEWSPAPER ADVERTISEMENT - (THE STATE) - JANUARY 31, 2003 - PUBLIC NOTICE ON THE RCRA PART B PERMIT, VOLUME III M-AREA HAZARDOUS WASTE MANAGEMENT FACILITY                                                                                                                                                                                                                                                                                       | WSRC               |                            |
| ✅009463     | 01/31/20 | 009463               | 10693   | LETTER FROM THE STATE NEWSPAPER ON SUBMITTAL OF LEGAL ADVERTISING - JANUARY 31, 2003                                                                                                                                                                                                                                                                                                                                                            | WSRC               |                            |
| ✅009478     | 02/20/20 | 009478               | 10693   | SCDHEC COMMENTS ON THE DOCUMENT CHANGE IMPACT ASSESSMENT, IMPLEMENTATION OF NEW RADIONUCLIDE PRG CALCULATION MODEL, ERD-DCI-00018, REV.0, DATED DECEMBER 2002                                                                                                                                                                                                                                                                                   | C. M. GORMAN       | B. T. HENNESSEY            |
| ➔009481     | 02/25/20 | OD-03-181            | 10693   | DOE SUBMITTAL OF THE REVISED FEDERAL FACILITY AGREEMENT REV.1 APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2003 (PRINT DATE 02/24/2003)                                                                                                                                                                                                                                                                                                    | THOMAS JOHNSON,JR. | K. B. FEELY / C. M. GORMAN |
| ➔009485     | 03/03/20 | OD-03-185            | 10693   | SUBMITTAL OF THE REVISED FEDERAL FACILITY AGREEMENT, REV.1, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2003 (PRINT DATE 03/03/2003)                                                                                                                                                                                                                                                                                                      | THOMAS JOHNSON,JR. | K. B. FEELY / C. M. GORMAN |
| ➔009496     | 03/22/96 | 009496               | 10693   | SCDHEC LETTER ON THE INTEGRATING DECONTAMINATION AND DECOMMISSIONING (D&D) ACTIVITIES INTO COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT (CERCLA)                                                                                                                                                                                                                                                                       | J. KEITH LINDLER   | C. V. ANDERSON             |
| ✅009517     | 03/10/20 | 009517               | 10693   | SCDHEC COMMENTS ON THE SECOND FIVE-YEAR REPORT OF THE SAVANNAH RIVER SITE, AIKEN, SC, WSRC-RP-2001-4163, REV.1, DATED FEBRUARY 2003                                                                                                                                                                                                                                                                                                             | C. M. GORMAN       | B. T. HENNESSEY            |
| ➔009519     | 03/12/20 | 009519               | 10693   | SCDHEC APPROVAL OF THE SAVANNAH RIVER SITE, FEDERAL FACILITY AGREEMENT (FFA) REV.1, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2003 (COVER LETTER DATED MARCH 3, 2003).                                                                                                                                                                                                                                                                  | C. M. GORMAN       | B. T. HENNESSEY            |
| ✅009521     | 03/13/20 | 009521               | 10693   | EPA APPROVAL OF THE SAVANNAH RIVER SITE, REVISED FEDERAL FACILITY AGREEMENT (FFA) REV.1. APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2003 (PRINT DATE 03/03/2003)                                                                                                                                                                                                                                                                         | KEN B. FEELY       | B. T. HENNESSEY            |
| ✅009525     | 03/14/20 | 009525               | 10693   | SAVANNAH RIVER SITE CITIZENS ADVISORY BOARD - BI-MONTHLY BOARD MEETING ANNOUNCEMENT - MARCH 24-25, 2003                                                                                                                                                                                                                                                                                                                                         | WSRC               |                            |
| ✅009529     | 03/07/20 | OD-03-183            | 10693   | DOE SUBMITTAL OF THE ANNUAL TANK ASSESSMENT AND STATUS REPORTS FOR THE SAVANNAH RIVER SITE HIGH LEVEL WASTE TANK SYSTEMS (CBU-ENG-2003-00043 - ANNUAL F/H AREA HLW TANK STATUS REPORT) AND CBU-ENG-2003-00044 - ANNUAL F/H AREA HIGH LEVEL WASTE TANK STATUS REPORT FOR THE FEDERAL FACILITY AGREEMENT FOR THE SAVANNAH RIVER SITE, MARCH 2003 (CBU-ENG-2003-00043) AND THE 2002 FFA F/H AREA HIGH LEVEL WASTE TANK SYSTEM/COMPONENT ASSESSMENT | THOMAS JOHNSON,JR. | K. B. FEELY / C. M. GORMAN |
| ✅009530     | 03/01/20 | 009530               | 10693   |                                                                                                                                                                                                                                                                                                                                                                                                                                                 | WSRC               |                            |

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| ✓009533     | 03/17/20 | WSRC-OS-94-42 | 10693   | FEDERAL FACILITY AGREEMENT - PAGE CHANGES FOR ENTIRE APPENDIX E (REV.1. DATE 3/17/2003); MODIFICATION RECORD (PAGES 1 THROUGH 7) (WSRC-OS-94-42)                                                                     | WSRC            |                              |
| ✓009558     | 02/21/20 | 009558        | 10693   | EPA COMMENTS ON THE DOCUMENT CHANGE IMPACT ASSESSMENT, IMPLEMENTATION OF NEW RADIONUCLIDE PRG CALCULATION MODEL, ERD-DCI-00018, REV.0, DATED DECEMBER 2002                                                           | KEN B. FEELY    | B. T. HENNESSEY              |
| ✓009566     | 04/01/20 | WSRC-OS-94-42 | 10693   | FEDERAL FACILITY AGREEMENT - PAGE CHANGES FOR REV. 0, APPENDIX C.1.1 THRU C.1-8; C.2-1 THRU C.2-8; C.3-1 THRU C.3-8; AND C.4-1 THRU C.4-2 AND MODIFICATION RECORD PAGE 7 & 8 (WSRC-OS-94-42)                         | WSRC            |                              |
| ✓009575     | 04/02/20 | 009575        | 10693   | NEWSPAPER ADVERTISEMENT - (PEOPLE SENTINEL) - PUBLIC NOTICE ON THE 1995 HAZARDOUS AND MIXED WASTE PERMIT, MODULE 111C AND 111D FOR THE F- AND H-AREA HAZARDOUS WASTE MANAGEMENT FACILITIES AND ON THE 1992 RCRA PART | WSRC            |                              |
| ✓009580     | 04/07/20 | 009580        | 10693   | PROJECT CLOSURE NOTIFICATION FOR THE D-AREA PETROLEUM PRODUCT RELEASE SITE NEAR D-006 OUTFALL DHEC ID # 01861                                                                                                        | Karen L. Ramos  | M.B. Hughes                  |
| ✓009602     | 06/01/86 | 009602        | 10693   | DEVELOPMENT OF A GROUNDWATER VELOCITY MODEL FOR THE RADIOACTIVE WASTE MANAGEMENT FACILITY - FINAL REPORT - JUNE, 1986 (DUPONT/1986)                                                                                  | WSRC            |                              |
| ✓009605     | 04/16/20 | 009605        | 10693   | EPA LETTER ON THE DESIGNATION OF EPA FEDERAL FACILITY AGREEMENT PROJECT MANAGER                                                                                                                                      | JAY V. BASSETT  | B. T. HENNESSEY,C. M. GORMAN |
| ✈009643     | 05/01/20 | 009643        | 10693   | EPA APPROVAL OF THE ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE FOR 2002                                                                                                            | DAWN C. TAYLOR  | B. T. HENNESSEY              |
| ✓009644     | 05/01/20 | 009644        | 10693   | EPA APPROVAL OF THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT, APPENDIX C - RCRA/CERCLA UNITS, APPENDIX G - SITE EVALUATION LIST FOR FISCAL YEAR (FY) 2003                                                      | DAWN C. TAYLOR  | B. T. HENNESSEY              |
| ✓009645     | 05/01/20 | 009645        | 10693   | EPA COMMENTS ON THE INTEGRATOR OPERABLE UNIT (IOU) EARLY ACTION FACT SHEET                                                                                                                                           | DAWN C. TAYLOR  | B. T. HENNESSEY              |
| ✓009650     | 04/24/20 | 009650        | 10693   | EPA COMMENTS ON THE RECORD OF DECISION TEMPLATE AND LAND USE CONTROL IMPLEMENTATION PLAN TEMPLATE                                                                                                                    | DAWN C. TAYLOR  | B. T. HENNESSEY              |
| ✓009718     | 05/19/20 | 009718        | 10693   | ANNOUNCEMENT OF THE BI-MONTHLY BOARD MEETING OF THE SRS CITIZENS ADVISORY BOARD - MAY 19-20, 2003                                                                                                                    | WSRC            |                              |
| ✓009745     | 06/09/20 | 009745        | 10693   | EPA COMMENTS ON THE SECOND FIVE-YEAR REVIEW REPORT, REV.1, FEBRUARY 2003 (WSRC-RP-2001-4163)                                                                                                                         | DAWN C. TAYLOR  | B. T. HENNESSEY              |
| ✓009746     | 05/22/20 | OD-03-231     | 10693   | DOE SUBMITTAL OF THE DOCUMENT CHANGE IMPACT ASSESSMENT FOR THE IMPLEMENTATION OF THE NEW RADIONUCLIDE PRELIMINARY REMEDIATION GOALS CALCULATION MODEL, ERD-DCI-00018, REV.1, DATED APRIL 2003, COMMENT               | B. T. HENNESSEY | C. M. GORMAN,D. C. TAYLOR    |
| ✓009749     | 04/01/20 | 009749        | 10693   | DOCUMENT CHANGE IMPACT ASSESSMENT FOR THE IMPLEMENTATION OF NEW RADIONUCLIDE PRG CALCULATION METHOD (ERD-DCI-00018, REV.1) DATED APRIL, 2003, AND THE RADIONUCLIDE PRELIMINARY REMEDIATION GOALS (RAD PRGs),         | WSRC            |                              |

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|  009750   | 04/07/20 | 009750                           | 10693   | NEWSPAPER ADVERTISEMENT - (AUGUSTA CHRONICLE) - PUBLIC NOTICE ON THE HAZARDOUS WASTE PERMIT APPLICATION MODIFICATION REQUEST - APRIL 7, 2003                                                                  | WSRC            |                          |
|  009756   | 06/19/20 | 009756                           | 10693   | SCDHEC COMMENT LETTER ON THE SRS INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN, WSRC-RP-94-1227, REV.5, DATED JANUARY 2002                                                                                      | C. M. GORMAN    | B. T. HENNESSEY          |
|  009760   | 06/20/20 | OD-03-203                        | 10693   | DOE LETTER ON THE FISCAL YEAR 2003 BUDGET ALLOTMENT FOR ENVIRONMENTAL RESTORATION AND SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REV.0 APPENDIX D, TIMETABLES AND DEADLINES FOR FISCAL YEAR 2003 (PRINT DATE | B. T. HENNESSEY | C. M. GORMAN,K. B. FEELY |
|  009765   | 01/22/20 | 009765                           | 10693   | ENVIRONMENTAL BULLETIN - (VOLUME 14, NUMBER 1) - JANUARY 22, 2003                                                                                                                                             | WSRC            |                          |
|  009776   | 06/24/20 | 009776                           | 10693   | SCDHEC APPROVAL OF THE APPENDIX D - TIMETABLES AND DEADLINES FOR FISCAL YEAR 2003 (DATED JUNE 20, 2003) OF THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT                                                 | C. M. GORMAN    | B. T. HENNESSEY          |
|  009777   | 06/18/20 | 009777                           | 10693   | EPA APPROVAL OF THE DCIA FOR THE IMPLEMENTATION OF THE NEW RADIONUCLIDE PRELIMINARY REMEDIATION GOALS CALCULATION MODEL REV.1, APRIL 2003, ERD-DCIA-00018                                                     | DAWN C. TAYLOR  | B. T. HENNESSEY          |
|  009790   | 04/07/20 | 009790                           | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 14, NUMBER 7 WSRC - APRIL 7, 2003                                                                                                                |                 |                          |
|  009791   | 06/13/20 | 009791                           | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 14, NUMBER 12 - JUNE 13, 2003                                                                                                                    | WSRC            |                          |
|  009792   | 06/24/20 | 009792                           | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 14, NUMBER 13 - JUNE 24, 2003                                                                                                                    | WSRC            |                          |
|  009793   | 06/27/20 | 009793                           | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 14, NUMBER 15 - JUNE 27, 2003                                                                                                                    | WSRC            |                          |
|  009794 | 06/25/20 | 009794                           | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 14, NUMBER 14 - JUNE 25, 2003                                                                                                                    | WSRC            |                          |
|  009795 | 07/01/20 | 009795                           | 10693   | EPA APPROVAL OF THE FISCAL YEAR 2003 BUDGET ALLOTMENT FOR ENVIRONMENTAL RESTORATION AND SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REV.0, APPENDIX D, TIMETABLES AND DEADLINES FOR FISCAL YEAR 2003          | DAWN C. TAYLOR  | B. T. HENNESSEY          |
|  009812 | 05/22/20 | 009812                           | 10693   | SCDHEC, USEPA, AND DOE LETTER OF SUPPORT FOR ACCELERATING CLEANUP AT SRS, SIGNED MAY 22, 2003                                                                                                                 | DAWN HAYGOOD    |                          |
|  009814 | 07/19/20 | 009814                           | 10693   | SCDHEC APPROVAL OF THE DOCUMENT CHANGE IMPACT ASSESSMENT FOR IMPLEMENTATION OF THE NEW RADIONUCLIDE PRELIMINARY REMEDIATION GOALS CALCULATION MODEL, ERD-DCIA-00018, REV.1, DATED APRIL 2003                  | C. M. GORMAN    | B. T. HENNESSEY          |
|  009816 | 06/25/20 | WSRC-RP-98-412; REV.1.1, UPDATED | 10693   | LAND USE CONTROL ASSURANCE PLAN FOR THE SAVANNAH RIVER SITE (WSRC-RP-98-4125, REV.1.1, AUGUST 1999) UPDATED 6/24/2003                                                                                         | WSRC            |                          |

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| ✓009817     | 06/09/20 | 009817                                | 10693   | ENVIRONMENTAL BULLETIN, VOLUME 14, NUMBER 11, JUNE 9, 2003                                                                                                                                                                                                                                                             | WSRC            |                           |
| ✓009825     | 07/08/20 | OD-03-176                             | 10693   | DOE SUBMITTAL OF THE CHANGE PAGES TO THE FIVE-YEAR REVIEW OF RECORDS OF DECISION REPORT SAVANNAH RIVER SITE (WSRC-RP-2001-4163) AND RESPONSES TO COMMENTS                                                                                                                                                              | B. T. HENNESSEY | C. M. GORMAN,D. C. TAYLOR |
| ✓009826     | 07/01/20 | WSRC-RP-2001-4 REDLINE, REV.1.1, PAGE | 10693   | PAGE CHANGES ON THE SECOND FIVE-YEAR REVIEW REPORT, (WSRC-RP-2001-4163, REDLINE, REV.1.1)                                                                                                                                                                                                                              | WSRC            |                           |
| ✓009831     | 07/16/20 | OD-03-264                             | 10693   | DOE SUBMITTAL OF THE DOCUMENT CHANGE IMPACT ASSESSMENT IMPLEMENTATION OF INTEGRATOR OPERABLE UNIT RADIONUCLIDE BENCHMARK VALUES USING PRELIMINARY REMEDIATION GOALS CALCULATION METHOD, ERD-DCI-00021, REV.0,                                                                                                          | WSRC            |                           |
| ✓009832     | 07/16/20 | OD-02-338                             | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT (FFA) REV.1 APPENDIX C, RCRA/CERCLA UNITS AND REV.1 APPENDIX G, SITE EVALUATION AREAS FOR FISCAL YEAR 2003 AND RESPONSES TO SOUTH CAROLINA DEPARTMENT OF HEALTH AND EPA APPROVAL OF THE SECOND FIVE-YEAR REVIEW REPORT, REV.1.1, CHANGE PAGES AND RESPONSE TO COMMENTS | B. T. HENNESSEY | C. M. GORMAN,D. C. TAYLOR |
| ✓009840     | 07/17/20 | 009840                                | 10693   |                                                                                                                                                                                                                                                                                                                        | DAWN C. TAYLOR  | B. T. HENNESSEY           |
| ✓009841     | 06/23/20 | 009841                                | 10693   | MEMORANDUM OF AGREEMENT FOR ACHIEVING AN ACCELERATED CLEANUP VISION SAVANNAH RIVER SITE                                                                                                                                                                                                                                | SCDHEC,EPA,DOE  |                           |
| ✓009848     | 07/18/20 | 009848                                | 10693   | SCDHEC APPROVAL OF THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT - APPENDIX C - RCRA/CERCLA UNITS AND APPENDIX G - SITE EVALUATION LIST FOR FISCAL YEAR (FY) 2003, REV.1, DATED JULY 16, 2003                                                                                                                     | C. M. GORMAN    | B. T. HENNESSEY           |
| ✓009859     | 07/23/20 | 009859                                | 10693   | SAVANNAH RIVER SITE CITIZENS ADVISORY BOARD - (SOLICITING APPLICATIONS FOR BOARD MEMBERS)                                                                                                                                                                                                                              | WSRC            |                           |
| ✓009862     | 07/21/20 | 009862                                | 10693   | SRS CITIZENS ADVISORY BOARD - INVITATION TO BI-MONTHLY MEETING - JULY 21-22, 2003                                                                                                                                                                                                                                      | WSRC            |                           |
| ✓009863     | 07/21/20 | 009863                                | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 14, NUMBER 17 - JULY 21, 2003                                                                                                                                                                                                                             | WSRC            |                           |
| ✓009864     | 06/01/20 | 009864                                | 10693   | PUBLIC HEALTH AND THE ENVIRONMENT - AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY (ATSDR) - VOLUME 2, NO.1/2 - SUMMER 2003                                                                                                                                                                                          | WSRC            |                           |
| ✓009877     | 07/24/20 | 009877                                | 10693   | EPA APPROVAL OF THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT, REV.1 APPENDIX C - RCRA/CERCLA UNITS, REV.1 APPENDIX G - SITE EVALUATION LIST FOR FISCAL YEAR (FY) 2003                                                                                                                                            | DAWN C. TAYLOR  | B. T. HENNESSEY           |
| ✓009883     | 07/29/20 | 009883                                | 10693   | EPA COMMENTS ON THE REDLINED SCOPING SUMMARY FOR FILL AND SOIL COVER MATERIAL VERIFICATION PROTOCOL AND RESPONSES TO USEPA COMMENTS (JULY 2003)                                                                                                                                                                        | DAWN C. TAYLOR  | B. T. HENNESSEY           |
| ✓009888     | 07/28/20 | 009888                                | 10693   | EPA APPROVAL OF THE DCIA IMPLEMENTATION OF INTEGRATOR OPERABLE UNIT RADIONUCLIDE BENCHMARK VALUES USING PRELIMINARY REMEDIATION GOALS CALCULATION METHOD REV.0, JULY 2003, ERD-DCI-00021                                                                                                                               | DAWN C. TAYLOR  | B. T. HENNESSEY           |



| Catalog Num | Date     | Doc Number                        | Track # | Title                                                                                                                                                                                         | Author                                               | Addressee       |
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| ✓009889     | 07/29/20 | 009889                            | 10693   | SCDHEC APPROVAL OF THE CHANGE PAGES TO THE FIVE-YEAR REVIEW OF RECORDS OF DECISION REPORT FOR THE SAVANNAH RIVER SITE, WSRC-RP-2001-4163, REDLINE REV.1.1, DATED JULY 2003                    | C. M. GORMAN                                         | B. T. HENNESSEY |
| ✓009893     | 07/28/20 | WSRC-OS-94-42                     | 10693   | FEDERAL FACILITY AGREEMENT - PAGE CHANGES ON THE APPENDIX C AND APPENDIX G (REV.1, DATED 6/23/2003) AND MODIFICATION RECORD (WSRC-OS-94-42)                                                   | WSRC                                                 |                 |
| ✓009898     | 08/06/20 | 009898                            | 10693   | EPA LETTER ON THE SRS RESPONSES TO USEPA'S COMMENTS (DATED 7/29/03) AND THE SRS FILL AND SOIL COVER MATERIAL VERIFICATION PROTOCOL                                                            | DAWN C. TAYLOR                                       | B. T. HENNESSEY |
| ✓009920     | 08/06/20 | 009920                            | 10693   | ENVIRONMENTAL BULLETIN, VOLUME 14, NUMBER 18, AUGUST 6, 2003                                                                                                                                  | WSRC                                                 |                 |
| ✓009933     | 08/06/20 | 009933                            | 10693   | NEWSPAPER ADVERTISEMENT - (AIKEN STANDARD) - PUBLIC NOTICE ON THE HAZARDOUS WASTE PERMIT APPLICATION MODIFICATION REQUEST - AUGUST 6, 2003                                                    | WSRC                                                 |                 |
| ✓009942     | 09/30/20 | 009942                            | 10693   | FISCAL YEAR 2002 PROFILE AND ANNUAL REPORT - THE AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY - OCTOBER 1, 2001 TO SEPTEMBER 30, 2002                                                     | THE AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY |                 |
| ✓009949     | 08/01/20 | WSRC-RP-2003-4 DRAFT, REV.0       | 10693   | PLUG-IN RECORD OF DECISION FOR NO FURTHER ACTION OR INSTITUTIONAL CONTROLS AT LOW-RISK OPERABLE UNITS (WSRC-RP-2003-4135, DRAFT REV.0) REFERENCE DOCUMENT - DATED AUGUST 2003                 | WSRC                                                 |                 |
| ✓009950     | 08/01/20 | WSRC-RP-2003-4 DRAFT, REV.0       | 10693   | PLUG-IN STATEMENT OF BASIS/PROPOSED PLAN FOR NO FURTHER ACTION AND INSTITUTIONAL CONTROLS AT LOW-RISK OPERABLE UNITS (WSRC-RP-2003-4134, DRAFT, REV.0) REFERENCE DOCUMENT - DATED AUGUST 2003 | WSRC                                                 |                 |
| ✓009953     | 04/01/20 | ERD-EN-2003-006 DRAFT, APRIL 2003 | 10693   | SCOPING SUMMARY FOR SRS FILL AND SOIL COVER MATERIAL VERIFICATION PROTOCOL (ERD-EN-2003-0063, DATED APRIL 2003) AND THE SRS RESPONSES TO EPA COMMENTS                                         | WSRC                                                 |                 |
| ✓009954     | 07/01/20 | ERD-EN-2003-006 JULY 2003-FINAL   | 10693   | SCOPING SUMMARY FOR SRS FILL AND SOIL COVER MATERIAL VERIFICATION PROTOCOL - (ERD-EN-2003-0063, FINAL, DATED JULY 2003) - AND SRS RESPONSES TO EPA COMMENTS ON THE (REDLINED SCOPING SUMMARY) | WSRC                                                 |                 |
| ✓009972     | 09/01/20 | 009972                            | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS, (2ND, 3RD, & 4TH QUARTER 2000)                                                                                                    |                                                      |                 |
| ✓009975     | 09/01/20 | 009975                            | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORM (4TH QUARTER 2001)                                                                                                                  |                                                      |                 |
| ✓009976     | 09/01/20 | 009976                            | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORM, (4TH QUARTER 2001)                                                                                                                 |                                                      |                 |
| ✓009977     | 09/01/20 | 009977                            | 10693   | GROUNDWATER MONITORING INFORMATION: CHAIN OF CUSTODY FORMS (7/2000 THRU 6/2002)                                                                                                               |                                                      |                 |
| ✓010013     | 09/10/20 | WSRC-OS-94-42                     | 10693   | FEDERAL FACILITY AGREEMENT - PAGE CHANGES ON THE APPENDIX C AND G (REV.1 DATED 9/10/2003) AND MODIFICATION RECORD - PAGE 9 (WSRC-OS-94-42)                                                    | WSRC                                                 |                 |



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| 010047      | 10/02/20 | 010047                                  | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE, VOLUME 14, NUMBER 25, OCTOBER 2, 2003                                                                                                                                                 | WSRC                                     |                           |
| 010059      | 09/23/20 | 010059                                  | 10693   | EPA COMMENTS ON THE LAND USE CONTROL IMPLEMENTATION PLAN (LUCIP) TEMPLATE                                                                                                                                                                  | DAWN C. TAYLOR                           | B. T. HENNESSEY           |
| 010062      | 09/29/20 | OD-03-302                               | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT (FFA) REV.0, APPENDIX C, RCRA/CERCLA UNITS; AND REV.0, APPENDIX G, SITE EVALUATION AREAS FOR FISCAL YEAR 2004                                                                              | B. T. HENNESSEY                          | C. M. GORMAN,D. C. TAYLOR |
| 010066      | 10/01/20 | ED-04-104                               | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REV.0, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2004 (PRINT DATE 09/29/2003) - ENCLOSURES - REV.0 APPENDIX, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2004;                           | B. T. HENNESSEY                          | C. M. GORMAN,D. T. TAYLOR |
| 010093      | 09/17/20 | WSRC-OS-94-42                           | 10693   | FEDERAL FACILITY AGREEMENT - APPENDIX D, REV.0 (D-1 THROUGH D-5 - PRINT DATE 09/17/03); APPENDIX E, REV.1 (E.1-1 THROUGH E.1-5 PRINT DATE 09/17/03); APPENDIX E, REV.1 (E.2-1 THROUGH E.2-4 PRINT DATE 09/17/03); APPENDIX E, REV.1 (E.3-1 | WSRC                                     |                           |
| 010100      | 09/01/20 | ERD-EN-2003-008 SEPTEMBER 2003          | 10693   | SCOPING SUMMARY FOR STREAMLINING REMEDIAL DECISIONS FOR LOW RISK SITES (ERD-EN-2003-0089) DATED SEPTEMBER 2003                                                                                                                             | WSRC                                     |                           |
| 010101      | 04/23/20 | ERD-EN-2003-008 APRIL 23, 2003, MEETING | 10693   | SCOPING SUMMARY FOR NO FURTHER ACTION AND INSTITUTIONAL CONTROL SELECTION CRITERIA (ERD-EN-2003-0089, APRIL 23, 2003) (MEETING REVISIONS)                                                                                                  | WSRC                                     |                           |
| 010102      | 08/20/20 | 010102                                  | 10693   | EPA CORRESPONDENCE FROM RICHARD D. GREEN TO M. B. HUGHES CONCERNING CERCLA OFF-SITE RULE, 19 UNITS AT E-AREA AND N-AREA                                                                                                                    | RICHARD D. GREEN                         | M. B. HUGHES              |
| 010106      | 10/09/20 | 010106                                  | 10693   | SCDHEC APPROVAL OF THE DOCUMENT CHANGE IMPACT ASSESSMENT FOR IMPLEMENTATION OF THE IOU RADIONUCLIDE BENCHMARK VALUES USING PRELIMINARY REMEDIATION GOALS CALCULATION METHOD, ERD-DCI-00021, REV.0                                          | C. M. GORMAN                             | B. T. HENNESSEY           |
| 010123      | 09/01/20 | 010123                                  | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR TIN AND COMPOUNDS - SEPTEMBER 2003                                                                                                                                                                         | U. S. DEPT. OF HEALTH AND HUMAN SERVICES |                           |
| 010134      | 10/15/20 | EB-04-119                               | 10693   | DOE SUBMITTAL OF THE PLUG-IN PROPOSED PLAN AND PLUG-IN RECORD OF DECISION FOR LOW-RISK OPERABLE UNITS,- (SCOPING SUMMARY FOR STREAMLINING REMEDIAL DECISIONS FOR LOW-RISK SITES,(ERD-EN-2003-0089, SEPTEMBER 2003),                        | B. T. HENNESSEY                          | C. M. GORMAN,D. C. TAYLOR |
| 010135      | 09/01/20 | ERD-EN-2003-008                         | 10693   | SCOPING SUMMARY FOR STREAMLINING REMEDIAL DECISIONS FOR LOW RISK SITES (ERD-EN-2003-0089, SEPTEMBER 2003)                                                                                                                                  | WSRC                                     |                           |
| 010136      | 10/01/20 | WSRC-RP-2003-4 REV.0                    | 10693   | PLUG-IN STATEMENT OF BASIS/PROPOSED PLAN FOR LOW-RISK OPERABLE UNITS (WSRC-RP-2003-4134, REV.0) DATED OCTOBER 2003                                                                                                                         | WSRC                                     |                           |
| 010137      | 10/01/20 | WSRC-RP-2003-4 REV.0                    | 10693   | PLUG-IN RECORD OF DECISION FOR LOW-RISK OPERABLE UNITS (WSRC-RP-2003-4135, WSRC REV.0) DATED OCTOBER 2003                                                                                                                                  |                                          |                           |
| 010138      | 10/01/20 | WSRC-RP-2003-4 REV.0                    | 10693   | TECHNICAL JUSTIFICATION DOCUMENT FOR THE DERIVATION OF PRELIMINARY REMEDIATION GOALS (WSRC-RP-2003-4156, REV.0) DATED OCTOBER 2003                                                                                                         | WSRC                                     |                           |

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| ✚010145     | 10/02/20 | 010145         | 10693   | NEWSPAPER ADVERTISEMENT - (AUGUSTA CHRONICLE) - PUBLIC NOTICE ON THE HAZARDOUS WASTE PERMIT APPLICATION MODIFICATION REQUEST - OCTOBER 2, 2003                  | WSRC            |                           |
| ✚010146     | 10/08/20 | 010146         | 10693   | NEWSPAPER ADVERTISEMENT - (THE STATE) - PUBLIC NOTICE ON THE HAZARDOUS WASTE PERMIT APPLICATION MODIFICATION REQUEST - OCTOBER 2, 2003                          | WSRC            |                           |
| ✚010156     | 11/01/20 | WSRC-RP-2003-4 | 10693   | 2003 ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE (WSRC-RP-2003-4146) DATED NOVEMBER 2003                                       | WSRC            |                           |
| ✚010157     | 10/21/20 | EB-03-312      | 10693   | DOE SUBMITTAL OF THE REV.1.1 FIVE-YEAR REVIEW OF RECORDS OF DECISION REPORT SAVANNAH RIVER SITE (WSRC-RP-2001-4163) FOR SIGNATURE                               | B. T. HENNESSEY | C. M. GORMAN,D. C.TAYLOR  |
| ✚010168     | 10/23/20 | EB-04-124      | 10693   | DOE TRANSMITTAL OF THE SAVANNAH RIVER SITE ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE (WSRC-RP-2003-4146, NOVEMBER 2003)      | B. T. HENNESSEY | C. M. GORMAN,D. C. TAYLOR |
| ✚010176     | 10/27/20 | 010176         | 10693   | EPA COMMENTS ON THE ROD TEMPLATE                                                                                                                                | DAWN C. TAYLOR  | B. T. HENNESSEY           |
| ✚010206     | 11/07/20 | 010206         | 10693   | EPA CONDITIONAL APPROVAL OF THE FEDERAL FACILITY AGREEMENT REV.0, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2004 (COVER LETTER DATED OCTOBER 1, 2003)   | DAWN C. TAYLOR  | B. T. HENNESSEY           |
| ✚010210     | 10/31/20 | WSRC-RP-98-412 | 10693   | LAND USE CONTROL ASSURANCE PLAN FOR THE SAVANNAH RIVER SITE (WSRC-RP-98-4125, REV.1.1, AUGUST 1999) - UPDATED 10/31/2003                                        | WSRC            |                           |
| ✚010219     | 11/17/20 | 010219         | 10693   | SRS CITIZENS ADVISORY BOARD - BI-MONTHLY MEETING NOTIFICATION/INVITATION - NOVEMBER 17-18, 2003                                                                 | WSRC            |                           |
| ✚010223     | 10/22/20 | 010223         | 10693   | NEWSPAPER ADVERTISEMENT - (PEOPLE SENTINEL) - ON A SPRAY EVAPORATOR AT THE MIXED WASTE MANAGEMENT FACILITY SOUTHWEST PLUME POND - OCTOBER 22, 2003              | WSRC            |                           |
| ✚010226     | 10/08/20 | 010226         | 10693   | NEWSPAPER ADVERTISEMENT - (PEOPLE SENTINEL) - PUBLIC NOTICE ON THE HAZARDOUS WASTE PERMIT APPLICATION MODIFICATION REQUEST - OCTOBER 8, 2003                    | WSRC            |                           |
| ✚010227     | 10/21/20 | 010227         | 10693   | NEWSPAPER ADVERTISEMENT - (THE STATE) - ON A SPRAY EVAPORATOR AT THE MIXED WASTE MANAGEMENT FACILITY SOUTHWEST PLUME POND - OCTOBER 21, 2003                    | WSRC            |                           |
| ✚010229     | 10/21/20 | 010229         | 10693   | NEWSPAPER ADVERTISEMENT - (THE STATE) - ON A SPRAY EVAPORATOR AT THE MIXED WASTE MANAGEMENT FACILITY SOUTHWEST PLUME POND - OCTOBER 21, 2003                    | WSRC            |                           |
| ✚010237     | 10/02/20 | 010237         | 10693   | NEWSPAPER ADVERTISEMENT - (AUGUSTA CHRONICLE) - PUBLIC NOTICE ON THE HAZARDOUS WASTE PERMIT APPLICATION MODIFICATION REQUEST - OCTOBER 2, 2003                  | WSRC            |                           |
| ✚010242     | 10/21/20 | 010242         | 10693   | NEWSPAPER ADVERTISEMENT - (AUGUSTA CHRONICLE) - DISPLAY AD ON A SPRAY EVAPORATOR AT THE MIXED WASTE MANAGEMENT FACILITY SOUTHWEST PLUME POND - OCTOBER 21, 2003 | WSRC            |                           |

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| ✚010249     | 11/10/20 | 010249         | 10693   | ENVIRONMENTAL BULLETIN - VOLUME 14, NUMBER 28 - ON THE REVISED FONSI ISSUED FOR EXPANSION AND OPERATION OF THE SRS BORROW PIT - NOVEMBER 10, 2003                                                                        | WSRC                                             |                           |
| ✚010250     | 10/01/20 | 010250         | 10693   | SAVANNAH RIVER SITE CITIZENS ADVISORY BOARD (CAB) BEAT - FALL 2003 ISSUE                                                                                                                                                 | WSRC                                             |                           |
| ✚010251     | 11/05/20 | CBU-SGW-2003-0 | 10693   | SAVANNAH RIVER SITE INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN (WSRC-RP-94-1227, REV.6, DATED OCTOBER 2003) AND COMMENT RESPONSES ON REV. 5                                                                             | WSRC                                             |                           |
| ✚010277     | 11/26/20 | 010277         | 10693   | EPA APPROVAL OF THE FEDERAL FACILITY AGREEMENT (COVER LETTER DATED SEPTEMBER 29, 2003) REV.0 APPENDIX C, RCRA/CERCLA UNITS FOR FISCAL YEAR 2004                                                                          | DAWN C. TAYLOR                                   | B. T. HENNESSEY           |
| ✚010279     | 12/01/20 | OD-04-134      | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 2003 (WSRC-RP-2003-4175)                                                                                                          | B. T. HENNESSEY                                  | C. M. GORMAN,D. C. TAYLOR |
| ✚010280     | 11/01/20 | WSRC-RP-2003-4 | 10693   | FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 2003 (WSRC-RP-2003-4175) DATED NOVEMBER 2003                                                                                                           | WSRC                                             |                           |
| ✚010289     | 12/01/20 | 010289         | 10693   | LETTER FROM DR. G. TODD WRIGHT TO J. T. LITTON (SCDHEC) ON THE SAVANNAH RIVER TECHNOLOGY CENTER (SRTC) MIXED WASTE STORAGE TANK (MWST) RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) EXIT PROPOSAL                       | G. TODD WRIGHT                                   |                           |
| ✚010290     | 12/05/20 | 010290         | 10693   | ENVIRONMENTAL BULLETIN - VOLUME 14, NUMBER 30 - DECEMBER 5, 2003                                                                                                                                                         | WSRC                                             |                           |
| ✚010292     | 02/01/86 | WSRC-TR-2003-0 | 10693   | AN INTENSIVE ARCHAEOLOGICAL AND HISTORICAL SURVEY OF THE 82 EXISTING HAZARDOUS, LOW-LEVEL RADIOACTIVE AND MIXED WASTE SITES, SAVANNAH RIVER PLANT, SC - (WSRC-TR-2003-00507) - REFERENCE DOCUMENT - DATED FEBRUARY 1986  | WSRC                                             |                           |
| ✚010297     | 09/01/20 | 010297         | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR CARBON TETRACHLORIDE - SEPTEMBER 2003                                                                                                                                                    | AGENCY FOR TOXIC SUBSTANCES AND DISEASE RIGISTRY |                           |
| ✚010298     | 01/01/20 | 010298         | 10693   | SRS CITIZENS ADVISORY BOARD - BI-MONTHLY BOARD MEETING - JANUARY 26-27, 2004                                                                                                                                             | WSRC                                             |                           |
| ✚010301     | 12/11/20 | 010301         | 10693   | SCDHEC APPROVAL OF THE CORRECTIVE MEASURES IMPLEMENTATION/REMEDIATION ACTION IMPLEMENTATION PLAN (CMI/RAIP) FOR THE GENERAL SEPARATIONS AREA CONSOLIDATION UNIT WSRC-RP-2003-4053, REDLINE, REV.1.1, DATED NOVEMBER 2003 | C. M. GORMAN                                     | B. T. HENNESSEY           |
| ✚010332     | 12/18/20 | EB-04-148      | 10693   | DOE SUBMITTAL LETTER OF THE FISCAL YEAR 2003 (FY03) REMOVAL ACTION REPORT AND TABLE, FISCAL YEAR 2003 MAINTENANCE ACTIVITY SUMMARY                                                                                       | B. T. HENNESSEY                                  | C. M. GORMAN,D. C. TAYLOR |
| ✚010338     | 12/12/20 | 010338         | 10693   | EPA LETTER AND DOCUMENT ON THE DELETION PROCESS INFORMATION AND EXAMPLES                                                                                                                                                 | JIM BARKSDALE,JR.                                | KIM CAUTHEN               |
| ✚010361     | 12/31/20 | 010361         | 10693   | EPA COMMENTS ON THE DRAFT, SAVANNAH RIVER FISH CONSUMPTION COMMUNICATION PLAN                                                                                                                                            | ROBERT H. POPE                                   | B. T. HENNESSEY           |

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| ✚010389     | 01/12/20 | 010389     | 10693   | EPA COMMENTS ON THE REV.0, PLUG-IN STATEMENT OF BASIS/PROPOSED PLAN (WSRC-RP-2003-4134); REV.0, PLUG-IN RECORD OF DECISION (WSRC-RP-2003-4135);                                                                                                                                                                                         | DAWN C. TAYLOR                          | B. T. HENNESSEY                |
| ✚010392     | 01/16/20 | 010392     | 10693   | REV.0, TECHNICAL JUSTIFICATION DOCUMENT (WSRC-RP-2003-4156)                                                                                                                                                                                                                                                                             | C. M. GORMAN                            | B. T. HENNESSEY                |
| ✚010420     | 01/30/20 | ED-04-177  | 10693   | SCDHEC COMMENTS ON THE SCOPING SUMMARY FOR STREAMLING REMEDIAL DECISIONS FOR LOW RISK SITES ERD-EN-2003-0089, DATED SEPTEMBER 2003; PLUG-IN STATEMENT OF BASIS/PROPOSED PLAN (SOB/PP) FOR LOW-RISK OPERABLE UNITS                                                                                                                       | B. T. HENNESSEY                         | C. M. GORMAN,D. T. TAYLOR      |
| ✚010436     | 01/08/20 | 010436     | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REV.1, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2004 (PRINT DATE 01/10/2004) AND ENCLOSURES: REV. 1, APPENDIX E, AND THE RESPONSES TO COMMENTS, RED-LINE ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - ON THE F-CANYON COMPLEX DEACTIVATION WORKSHOP - JANUARY 8, 2004 | WSRC                                    |                                |
| ✚010460     | 09/01/20 | 010460     | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR BROMOFORM AND DIBROMOCHLOROMETHANE - SEPTEMBER 2003                                                                                                                                                                                                                                                     | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                                |
| ✚010461     | 09/01/20 | 010461     | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR ZINC - SEPTEMBER 2003                                                                                                                                                                                                                                                                                   | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                                |
| ✚010462     | 09/01/20 | 010462     | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR NICKEL - SEPTEMBER 2003                                                                                                                                                                                                                                                                                 | U.S.DEPT. OF HEALTH AND HUMAN SERVICES  |                                |
| ✚010463     | 09/01/20 | 010463     | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR TUNGSTEN - SEPTEMBER 2003                                                                                                                                                                                                                                                                               | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                                |
| ✚010464     | 09/01/20 | 010464     | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR HEXACHLOROCYCLOHEXANES (ALPHA-, BETA-, GAMMA-, AND DELTA) - SEPTEMBER 2003                                                                                                                                                                                                                              | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                                |
| ✚010465     | 09/01/20 | 010465     | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR NAPHTHALENE - SEPTEMBER 2003                                                                                                                                                                                                                                                                            | U.S. DEPT. OF HEALTH AND HUMAN SERVICES | WSRC                           |
| ✚010467     | 02/03/20 | 010467     | 10693   | SCDHEC LETTER ON THE SIGNED RECORD OF DECISION (ROD) FOR THE SECOND FIVE-YEAR REPORT FOR THE SAVANNAH RIVER SITE                                                                                                                                                                                                                        | C. M. GORMAN                            | DAWN TAYLOR                    |
| ✚010471     | 02/02/20 | 010471     | 10693   | DOE LETTER ON THE U.S. DEPARTMENT OF ENERGY SAVANNAH RIVER OPERATIONS OFFICE (DOE-SR) RESPONSIBILITIES FOR THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT; NATIONAL OIL AND HAZARDOUS                                                                                                                        | ALICE C. DOSWELL                        | RONALD W. KINNEY,MYRON D. LAIR |
| ✚010480     | 02/05/20 | EB-04-191  | 10693   | DOE SUBMITTAL OF THE RESPONSES TO THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION IV AND USEPA HEADQUARTER COMMENTS ON THE SRS RECORD OF DECISION AND LAND USE CONTROL IMPLEMENTATION PLAN TEMPLATES                                                                                                                           | B. T. HENNESSEY                         | C. M. GORMAN,D. C. TAYLOR      |
| ✚010490     | 02/13/20 | 010490     | 10693   | SCDHEC APPROVAL OF THE REV.0, PLUG-IN STATEMENT OF BASIS/PROPOSED PLAN, WSRC-RP-2003-4134 AND THE REV.0, PLUG-IN RECORD OF DECISION, WSRC-RP-2003-4135                                                                                                                                                                                  | C. M. GORMAN                            | B. T. HENNESSEY                |
| ✚010495     | 02/13/20 | 010495     | 10693   | EPA LETTER ON THE REV.0, PLUG-IN STATEMENT OF BASIS/PROPOSED PLAN, WSRC-RP-2003-4134, AND REV.0, PLUG-IN RECORD OF DECISION, WSRC-RP-2003-4135                                                                                                                                                                                          | DAWN C. TAYLOR                          | B. T. HENNESSEY                |

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| ✚010496     | 02/11/20 | 010496                    | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 15, NUMBER 4, FEBRUARY 11, 2004                                                                                                                                                                                                 | WSRC            |                            |
| ✚010497     | 02/05/20 | 010497                    | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 15, NUMBER 3, DATED FEBRUARY 5, 2004                                                                                                                                                                                            | WSRC            |                            |
| ✚010513     | 02/13/20 | WSRC-RP-2001-4<br>REV.1.1 | 10693   | THREE-PARTY SIGNED APPROVED FOR THE SECOND FIVE-YEAR REVIEW REPORT FOR THE SAVANNAH RIVER SITE (WSRC-RP-2001-4163, REV.1.1) DATED SEPTEMBER 2003                                                                                                                                             | WSRC            |                            |
| ✚010514     | 02/19/20 | 010514                    | 10693   | SCDHEC APPROVAL OF THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT, APPENDIX C - RCRA/CERCLA UNITS AND APPENDIX G - SITE EVALUATION LIST FOR FISCAL YEAR (FY) 2004, REV.0, DATED SEPTEMBER 29, 2003                                                                                       | C. M. GORMAN    | B. T. HENNESSEY            |
| ✚010515     | 02/13/20 | 010515                    | 10693   | EPA LETTER ON THE ENCLOSURE OF THE APPROVED AND THREE-PARTY SIGNED SIGNED SECOND FIVE-YEAR REVIEW REPORT, (WSRC-RP-2001-4163, REV.1.1, SEPTEMBER 2003)                                                                                                                                       | DAWN C. TAYLOR  | B. T. HENNESSEY            |
| ✚010533     | 02/11/20 | 010533                    | 10693   | NEWSPAPER ADVERTISEMENT - (THE PEOPLE-SENTINEL) - PUBLIC NOTICE ON THE RCRA PART B PERMIT RENEWAL APPLICATIONS FOR VOLUME VII, MIXED WASTE MANAGEMENT FACILITY - FEBRUARY 11, 2004                                                                                                           | WSRC            |                            |
| ✚010536     | 02/11/20 | 010536                    | 10693   | NEWSPAPER ADVERTISEMENT - (THE AUGUSTA CHRONICLE) - PUBLIC NOTICE ON THE PART B PERMIT RENEWAL APPLICATIONS FOR VOLUME VII, MIXED WASTE MANAGEMENT FACILITY - FEBRUARY 11, 2004                                                                                                              | WSRC            |                            |
| ✚010541     | 02/11/20 | 010541                    | 10693   | NEWSPAPER ADVERTISEMENT - (THE STATE) - PUBLIC NOTICE ON THE RCRA PERMIT MODIFICATION - FEBRUARY 11, 2004                                                                                                                                                                                    | WSRC            |                            |
| ✚010554     | 02/26/20 | 010554                    | 10693   | E-MAIL ON THE D&D CORE TEAM MEETING NOTES OF FEBRUARY 2, 2004                                                                                                                                                                                                                                | MICHELLE WILSON |                            |
| ✚010555     | 02/26/20 | 010555                    | 10693   | E-MAIL ON THE D&D CORE TEAM MEETING NOTES OF JANUARY 20, 2004                                                                                                                                                                                                                                | MICHELLE WILSON |                            |
| ✚010575     | 02/27/20 | EB-04-1-202               | 10693   | SUBMITTAL OF THE REVISED FEDERAL FACILITY AGREEMENT REV.1, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2004 (PRINT DATE 02/17/2004)                                                                                                                                                    | B. T. HENNESSEY | C. M. GORMAN, D. T. TAYLOR |
| ✚010583     | 04/01/95 | WSRC-RP-95-407            | 10693   | D-AREA POWERHOUSE AND ASSOCIATED FACILITIES ENVIRONMENTAL BASELINE SURVEY (WSRC-RP-95-407) - REFERENCE DOCUMENT - DATED APRIL 1995                                                                                                                                                           | WSRC            |                            |
| ✚010586     | 02/27/20 | EB-04-211                 | 10693   | TRANSMITTAL OF THE APPROVED FEDERAL FACILITY AGREEMENT (FFA) REV.0 APPENDIX C, RCRA/CERCLA UNITS AND REV.0 APPENDIX G, SITE EVALUATION AREAS FOR FISCAL YEAR 2004 (PRINT DATE 02/20/2004), RESPONSES TO COMMENTS, AND SCOPING SUMMARY FOR DETERMINING RISK LEVELS WARRANTING REMEDIAL ACTION | B. T. HENNESSEY | C. M. GORMAN, D. C. TAYLOR |
| ✚010587     | 02/25/20 | ERD-EN-2004-005           | 10693   | (ERD-EN-2004-0052, FEBRUARY 25, 2004)                                                                                                                                                                                                                                                        | WSRC            |                            |
| ✚010595     | 02/20/20 | WSRC-OS-94-42             | 10693   | FEDERAL FACILITY AGREEMENT (PAGE CHANGES FOR SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT, REV.0, APPENDIX C FOR FISCAL YEAR 2004) - APPENDIX C, C.1-1 THRU C.1-9; C.2-1 THRU C.2-10; C.3-1 THRU C.3-10; C.4-1 THRU C.4-4;                                                                 | WSRC            |                            |

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| ➔010609     | 03/03/20 | 010609          | 10693   | EPA APPROVAL OF THE FEDERAL FACILITY AGREEMENT REV.1, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2003 (COVER LETTER DATED FEB. 17, 2004)                                                                                                                | WSRC                                                 |                           |
| ➔010615     | 03/22/20 | 010615          | 10693   | SRS CITIZENS ADVISORY BOARD ON THE BI-MONTHLY BOARD MEETING - MARCH 22-23, 2004                                                                                                                                                                                | WSRC                                                 |                           |
| ➔010637     | 03/09/20 | DD-04-405       | 1693    | DOE SUBMITTAL OF THE ASSESSMENT AND ANNUAL TANK STATUS REPORTS FOR THE SAVANNAH RIVER SITE (SRS) HIGH LEVEL WASTE (HLW) TANK SYSTEM (CBU-ENG-2004-00068, 03-HTF-001, 03-HTF-002)                                                                               | JEFFREY M. ALLISON                                   | C. M. GORMAN,D. C. TAYLOR |
| ➔010645     | 02/11/20 | 010645          | 10693   | NEWSPAPER ADVERTISEMENT - (AIKEN STANDARD) - PUBLIC NOTICE ON THE HAZARDOUS WASTE PERMIT APPLICATION MODIFICATIONS REQUEST - FEBRUARY 13, 2004                                                                                                                 | WSRC                                                 |                           |
| ➔010652     | 03/15/20 | WSRC-RP-98-412  | 10693   | LAND USE CONTROL ASSURANCE PLAN FOR THE SAVANNAH RIVER SITE (WSRC-RP-98-4125, REV.1.1, AUGUST 1999) - UPDATED 03/15/2004                                                                                                                                       | WSRC                                                 |                           |
| ➔010654     | 03/18/20 | EB--04-221      | 10693   | DOE SUBMITTAL OF THE REVISED FEDERAL FACILITY AGREEMENT REV.1, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2004 (PRINT DATE 03/17/2004) AND APPENDIX, REV.1 ATTACHED                                                                                     | B. T. HENNESSEY                                      | C. M. GORMAN,D. C. TAYLOR |
| ➔010661     | 03/01/20 | CBU-ENG-2004-00 | 10693   | ASSESSMENT AND ANNUAL TANK STATUS REPORTS - F/H AREA HIGH LEVEL WASTE TANK STATUS REPORT FOR CY2003 - THE SAVANNAH RIVER SITE (SRS) HIGH LEVEL WASTE (HLW) TANK SYSTEM (CBU-ENG-2004-00068, REV 2, 03-HTF-001, 03-HTF-002)                                     | WSRC                                                 |                           |
| ➔010663     | 03/18/20 | 010663          | 10693   | EPA RESPONSES TO THE U.S.EPA'S (REGION 4 AND HQs) COMMENTS ON THE SRS RECORD OF DECISION AND LAND USE CONTROL IMPLEMENTATION PLAN TEMPLATES (LETTER DATED FEBRUARY 5, 2004, HENNESSEY TO GORMAN AND TAYLOR)                                                    | DAWN C. TAYLOR                                       | B. T. HENNESSEY           |
| ☑010687     | 03/23/20 | 010687          | 10693   | SCDHEC APPROVAL OF THE SAVANNAH RIVER SITE, FEDERAL FACILITY AGREEMENT (FFA), REV.1, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2004 (COVER LETTER DATED MARCH 18, 2004)                                                                                | C. M. GORMAN                                         | B. T. HENNESSEY           |
| ☑010728     | 03/29/20 | WSRC-OS-94-42   | 10693   | FEDERAL FACILITY AGREEMENT (PAGE CHANGES FOR REV.0, APPENDIX E: FISCAL YEAR 2004 LONG-TERM PROJECTIONS - E.1-1 THROUGH E.1-5 REV.1, PRINT DATE 3/17/2004; E.2-1 THROUGH E.2-3, REV.1, PRINT DATE 3/17/2004; E.3-1 THROUGH E.3-12, REV.1, PRINT DATE 3/17/2004) | WSRC                                                 |                           |
| ☑010731     | 03/29/20 | 010731          | 10693   | EPA APPROVAL OF THE FEDERAL FACILITY AGREEMENT, REVISED REV.1, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2004 (PRINT DATE MARCH 17, 2004)                                                                                                              | DAWN C. TAYLOR                                       | B. T. HENNESSEY           |
| ☑010733     | 09/01/20 | 010733          | 10693   | TOXICOLOGICAL PROFILE FOR SELENIUM (UPDATE) - SEPTEMBER 2003                                                                                                                                                                                                   | DEPT. OF HEALTH & HUMAN SERVICES,PUBLIC              |                           |
| ☑010734     | 09/01/20 | 010734          | 10693   | TOXICOLOGICAL PROFILE FOR SULFUR MUSTARD (UPDATE) - SEPTEMBER 2003                                                                                                                                                                                             | U.S. DEPT. OF HEALTH AND HUMAN SERVICES,PUBLIC       |                           |
| ☑010735     | 09/01/20 | 010735          | 10693   | TOXICOLOGICAL PROFILE FOR ATRAZINE - SEPTEMBER 2003                                                                                                                                                                                                            | U.S. DEPT. OF HEALTH AND HUMAN SERVICE,PUBLIC HEALTH |                           |
| ☑010736     | 09/01/20 | 010736          | 10693   | TOXICOLOGICAL PROFILE FOR PYRETHRINS AND PYRETHROIDS - SEPTEMBER 2003                                                                                                                                                                                          | U.S. DEPT. OF HEALTH AND HUMAN SERVICES,PUBLIC       |                           |

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|  010737   | 09/01/20 | 010737         | 10693   | TOXICOLOGICAL PROFILE FOR MALATHION - SEPTEMBER 2003                                                                                                                                                     | U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES,PUBLIC |                           |
|  010738   | 09/01/20 | 010738         | 10693   | TOXICOLOGICAL PROFILE FOR FLUORIDES, HYDROGEN FLUORIDE, AND FLUORINE - SEPTEMBER 2003                                                                                                                    | U.S. DEPT. OF HEALTH AND HUMAN SERVICES,PUBLIC      |                           |
|  010756   | 04/07/20 | EC-04-046      | 10693   | DOE LETTER OF APRIL 7, 2004 FROM HELEN BELENCAN TO C. M. GORMAN (SCDHEC), AND D. C. TAYLOR (USEPA) ON THE TRANSMITTAL OF THE WSRC PROCEDURE MANUAL 1C FACILITY DISPOSITION, SECTION 5: DECOMMISSIONING   | HELEN BELENCAN                                      | C. M. GORMAN,D. C. TAYLOR |
|  010815   | 03/18/20 | 010815         | 10693   | NEWSPAPER ADVERTISEMENT - (THE STATE) - ON THE SRS CITIZENS ADVISORY BOARD ON MARCH 22-23, 2004 - MARCH 18, 2004                                                                                         | WSRC                                                |                           |
|  010844   | 04/06/20 | EB-04-231      | 10693   | DOE SUBMITTAL TO USEPA AND SCDHEC OF THE LETTER TO DOCUMENT THE THREE-PARTY AGREEMENTS ON THE ADMINISTRATIVE PATH FORWARD FOR THE PLUG-IN STREAMLINING INITIATIVE AND ON THE COMMENT RESPONSE AND DESIGN | B. T. HENNESSEY                                     | C. M. GORMAN,D. C. TAYLOR |
|  010850   | 04/19/20 | DD-04-053      | 10693   | DOE LETTER ON THE EXTENSION REQUEST FOR THE OPERATIONAL CLOSURE OF TANKS 19F AND 18F                                                                                                                     | B. T. HENNESSEY                                     | C. M. GORMAN,D. C. TAYLOR |
|  010860   | 04/30/20 | WSRC-RP-98-412 | 10693   | LAND USE CONTROL ASSURANCE PLAN FOR THE SAVANNAH RIVER SITE (WSRC-RP-98-4125, REV.1.1, AUGUST 1999) UPDATED APRIL 30, 2004                                                                               | WSRC                                                |                           |
|  010861   | 04/26/20 | 010861         | 10693   | SCDHEC CONDITIONAL APPROVAL OF THE INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN (IDWMP), CBU-SGW-2003-01316, REDLINE REVISION 6, DATED NOVEMBER 5, 2003                                                   | C. M. GORMAN                                        | R. K. CAUTHEN             |
|  010883   | 04/28/20 | 010883         | 10693   | SCDHEC LETTER ON THE FORMAL CONCURRENCE OF MODEL PATHWAY FOR SELECTED FACILITY DECOMMISSIONING EVALUATIONS                                                                                               | SCOTT L. SIMONS                                     | HELEN BELENCAN            |
|  010923   | 04/30/20 | 010923         | 10693   | NEWSPAPER ADVERTISEMENT - (THE STATE) - ON THE NOTICE OF PUBLIC MEETING AT THE AIKEN PUBLIC LIBRARY - 04/30/2004                                                                                         | WSRC                                                |                           |
|  010930 | 04/30/20 | 010930         | 10693   | NEWSPAPER ADVERTISEMENT - (AUGUSTA CHRONICLE) - ON THE NOTICE OF PUBLIC MEETING FOR THE RCRA PART B PERMIT APPLICATION (VOLUME II) MODIFICATION FOR THE HWSF - APRIL 30, 2004                            | WSRC                                                |                           |
|  010955 | 12/15/97 | 010955         | 10693   | SCDHEC LETTER FROM BETSY MALPASS TO J. W. COOK ON THE TANK 17 CLOSURE APPROVAL (SRS/F-AREA) DATED DECEMBER 15, 1997                                                                                      | BETSY MALPASS                                       | J. W. COOK                |
|  010957 | 01/30/97 | 010957         | 10693   | SCDHEC LETTER ON THE TANK 20 CLOSURE PLAN FOR THE SAVANNAH RIVER SITE (SRS)/F AREA, DATED JANUARY 30, 1997                                                                                               | MELINDA G. VICKERS                                  | J. W. COOK                |
|  010967 | 04/30/20 | 010967         | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE, VOLUME 15, NUMBER 12, APRIL 30, 2004                                                                                                                | WSRC                                                |                           |
|  010968 | 04/07/20 | 010968         | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE, VOLUME 15, NUMBER 10, APRIL 7, 2004                                                                                                                 | WSRC                                                |                           |



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| ✓010969     | 04/19/20 | 010969                          | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 15, NUMBER 11, APRIL 19, 2004                                                                                                                                                                                                                                                    | WSRC            |                           |
| ✓010971     | 04/30/20 | 010971                          | 10693   | NEWSPAPER ADVERTISEMENT - (AIKEN STANDARD) - ON THE PUBLIC MEETING FOR THE PERMIT APPLICATION MODIFICATION REQUEST FOR THE HAZARDOUS WASTE STORAGE FACILITY - APRIL 30, 2004                                                                                                                                                                  | WSRC            |                           |
| ✓011005     | 06/08/20 | 011005                          | 10693   | REMEDIAL SITE EVALUATION RECOMMENDATION FOR THE SPILL OF 200 GALLONS OF RAD WATER NBN COMMENT RESPONSE LETTER OF MAY 10, 2004                                                                                                                                                                                                                 | BART REEDY      | B. T. HENNESSEY           |
| ✓011023     | 06/01/20 | WSRC-RP-94-122 REV.6            | 10693   | SAVANNAH RIVER SITE INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN (WSRC-RP-94-1227, REV.6) DATED JUNE 2004                                                                                                                                                                                                                                      | WSRC            |                           |
| ✓011110     | 03/18/20 | EB-04-221                       | 10693   | DOE SUBMITTAL OF THE REVISED FEDERAL FACILITY AGREEMENT REV.1, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2004 (PRINT DATE 03/17/2004)                                                                                                                                                                                                 | B. T. HENNESSEY | C. M. GORMAN,D. C. TAYLOR |
| ✓011154     | 05/04/20 | 011154                          | 10693   | NEWSPAPER ADVERTISEMENT - (PEOPLE SENTINEL) - NOTICE OF PUBLIC MEETING - MAY 5, 2004                                                                                                                                                                                                                                                          | WSRC            |                           |
| ✓011168     | 07/26/20 | 011168                          | 10693   | SRS CITIZENS ADVISORY BOARD - INVITATION TO BI-MONTHLY BOARD MEETING JULY 26-27, 2004                                                                                                                                                                                                                                                         | WSRC            |                           |
| ✓011169     | 06/22/20 | 011169                          | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE, VOLUME 15, NUMBER 15, ON THE DRAFT EA AVAILABLE FOR COMMENT ON BURMA ROAD II BORROW PIT AT SRS, DATED JUNE 22, 2004                                                                                                                                                                      | WSRC            |                           |
| ✓011202     | 07/27/20 | EB-04-257                       | 10693   | DOE SUBMITTAL OF THE TRANSMITTAL OF UNIT-SPECIFIC LAND USE CONTROL IMPLEMENTATION PLAN CHECKLISTS                                                                                                                                                                                                                                             | B. T. HENNESSEY | C. M. GORMAN,D. C. TAYLOR |
| ✓011228     | 08/02/20 | 011228                          | 10693   | EPA APPROVAL OF THE UNIT-SPECIFIC LAND USE CONTROL IMPLEMENTATION PLAN CHECKLISTS                                                                                                                                                                                                                                                             | DAWN C. TAYLOR  | B. T. HENNESSEY           |
| ✓011232     | 08/01/20 | WSRC-RP-98-412 REV.1.1, UPDATED | 10693   | LAND USE CONTROL ASSURANCE PLAN FOR THE SAVANNAH RIVER SITE (WSRC-RP-98-4125, REV.1.1, AUGUST 1999) UPDATED AUGUST 1, 2004                                                                                                                                                                                                                    | WSRC            |                           |
| ✓011241     | 08/05/20 | 011241                          | 10693   | SCDHEC COMMENTS ON THE UNIT-SPECIFIC LAND USE CONTROL IMPLEMENTATION PLAN CHECKLISTS, DATED JULY 2004                                                                                                                                                                                                                                         | C. M. GORMAN    | B. T. HENNESSEY           |
| ✓011323     | 08/23/20 | EB-04-204                       | 10693   | DOE LETTER ON THE FISCAL YEAR 2004 BUDGET ALLOTMENT FOR SOILS AND GROUNDWATER PROJECT AND SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION.0 APPENDIX D, TIMETABLES AND DEADLINES FOR FISCAL YEAR 2004 (PRINT DATE 2/20/2004, C.2-1 THROUGH C.2-8, PRINT DATE 2/20/2004, C.3-1 THROUGH C.3-12, PRINT DATE 2/20/2004, C.4-1 THROUGH C.4-5, | B. T. HENNESSEY | C. M. GORMAN,D. C. TAYLOR |
| ✓011342     | 08/25/20 | 011342                          | 10693   | SCDHEC APPROVAL OF THE ADMINISTRATIVE RECORD/FILE INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE FOR 2003 (NOVEMBER 2003, WSRC-RP-2003-4146)                                                                                                                                                                                               | C. M. GORMAN    | B. T. HENNESSEY           |
| ✓011343     | 08/16/20 | WSRC-OS-94-42                   | 10693   | FEDERAL FACILITY AGREEMENT (PAGE CHANGES FOR REV.0, APPENDIX C: FISCAL YEAR 2004 C.1-1 THROUGH C.1-8, PRINT DATE 2/20/2004, C.2-1 THROUGH C.2-8, PRINT DATE 2/20/2004, C.3-1 THROUGH C.3-12, PRINT DATE 2/20/2004, C.4-1 THROUGH C.4-5,                                                                                                       | WSRC            |                           |



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|  011394   | 09/07/20 | 011394     | 10693   | EPA APPROVAL OF THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX D TIMETABLES AND DEADLINES FOR FISCAL YEAR 2004 (PRINT DATE 6/22/2004)                                                                       | DAWN C. TAYLOR  | B. T. HENNESSEY           |
|  011397   | 08/23/20 | 011397     | 10693   | NEWSPAPER ADVERTISEMENT - PUBLIC NOTICE ON THE SANITARY LANDFILL PERMIT APPLICATION MODIFICATION REQUESTED - AUGUST 23, 2004                                                                                    | WSRC            |                           |
|  011415   | 08/23/20 | 011415     | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE, VOLUME 15, NUMBER 18, DATED AUGUST 23, 2004                                                                                                                | WSRC            |                           |
|  011419   | 09/27/20 | 011419     | 10693   | NOTICE OF THE SAVANNAH RIVER SITE CITIZENS ADVISORY BOARD BI-MONTHLY BOARD MEETING AT BEAUFORT, SC, (DATE) SEPTEMBER 27-28, 2004                                                                                | WSRC            |                           |
|  011420   | 08/26/20 | 011420     | 10693   | NEWSPAPER ADVERTISEMENT - (AIKEN STANDARD) - PUBLIC NOTICE ON THE SANITARY LANDFILL PERMIT APPLICATION MODIFICATION REQUESTED                                                                                   | WSRC            |                           |
|  011423   | 09/16/20 | 011423     | 10693   | NOTICE AND INFORMATION ON THE SAVANNAH RIVER SITE CITIZEN ADVISORY BOARD MEETING APPLICATION                                                                                                                    | WSRC            |                           |
|  011430   | 09/07/20 | 011430     | 10693   | SCDHEC COMMENTS ON THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT - APPENDIX D - TIMETABLES AND DEADLINES FOR FISCAL YEAR 2004 (REV.0 DATED AUGUST 23, 2004)                                                | C. M. GORMAN    | B. T. HENNESSEY           |
|  011438   | 09/21/20 | EB-04-330  | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REV.1, APPENDIX D, TIMETABLES AND DEADLINES FOR FISCAL YEAR 2004 (PRINT DATE 09/20/2004)                                                                        | B. T. HENNESSEY | C. M. GORMAN,D. C. TAYLOR |
|  011485   | 10/01/20 | EB-04-316  | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT (FFA) REV.0, APPENDIX C, RCRA/CERCLA UNITS AND REV.0, APPENDIX G, SITE EVALUATION AREAS FOR FISCAL YEAR 2005 AND APPENDIX C AND APPENDIX G ATTACHED             | B. T. HENNESSEY | C. M. GORMAN,D. C. TAYLOR |
|  011490   | 08/25/20 | 011490     | 10693   | NEWSPAPER ADVERTISEMENT - (THE PEOPLE-SENTINEL) - PUBLIC NOTICE ON THE 2000 RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) PART B PERMIT RENEWAL APPLICATION FOR VOL. XXIII, SANITARY LANDFILL - AUGUST 25, 2004 | WSRC            |                           |
|  011506 | 10/01/20 | 011506     | 10693   | SCDHEC APPROVAL OF THE APPENDIX D - TIMETABLES AND DEADLINES FOR FISCAL YEAR 2004 (REV.1, DATED SEPTEMBER 21, 2004)                                                                                             | C. M. GOMRAN    | B. T. HENNESSEY           |
|  011519 | 10/01/20 | 011519     | 10693   | SAVANNAH RIVER SITE CITIZENS ADVISORY BOARD (CAB) - BOARD BEAT - FALL 2004                                                                                                                                      | WSRC            |                           |
|  011523 | 10/06/20 | 011523     | 10693   | SCDHEC COMMENTS ON THE SAVANNAH RIVER SITE INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN, WSRC-RP-94-1227, REV.6, DATED JUNE 2004                                                                                 | C. M. GORMAN    | B. T. HENNESSEY           |
|  011554 | 10/07/20 | 011554     | 10693   | EPA APPROVAL OF THE FEDERAL FACILITY AGREEMENT REV.1, APPENDIX D, TIMETABLES AND DEADLINES FOR FISCAL YEAR 2004 (PRINT DATE 09/20/2004)                                                                         | DAWN C. TAYLOR  | B. T. HENNESSEY           |
|  011691 | 10/28/20 | SGP-05-104 | 10693   | DOE TRANSMITTAL OF THE SAVANNAH RIVER SITE ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE (WSRC-RP-2004-4106, BOOKS 1 AND 2)                                                      | B. T. HENNESSEY | C. M. GORMAN,D. C. TAYLOR |

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|  011692   | 11/01/20 | WSRC-RP-2004-4<br>BOOK 1 OF 2 | 10693   | 2004 ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE (WSRC-RP-2004-4106, BOOK 1 OF 2) DATED NOVEMBER 2004                                                                                    | WSRC            |                           |
|  011693   | 11/01/20 | WSRC-RP-2004-4<br>BOOK 2 OF 2 | 10693   | 2004 ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE (WSRC-RP-2004-4106, BOOK 2 OF 2) DATED NOVEMBER 2004                                                                                    | WSRC            |                           |
|  011724   | 11/02/20 | 011724                        | 10693   | EPA APPROVAL OF THE ADMINISTRATION RECORD FILE/INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE, NOVEMBER 2004, WSRC-RP-2004-4106                                                                                        | DAWN C. TAYLOR  | B. T. HENNESSEY           |
|  011730   | 10/07/20 | WSRC-OS-94-42                 | 10693   | FEDERAL FACILITY AGREEMENT (PAGE CHANGES FOR REV.1, APPENDIX D FOR FISCAL YEAR 2004, PAGES D-1 THROUGH D-7) (PRINT DATE 9/21/2004); AND MODIFICATION PAGE 9 (WSRC-OS-94-42, DATED 10/07/2004)                             | WSRC            |                           |
|  011764   | 11/12/20 | SGP-05-117                    | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT (FFA) REV.0, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2005 (PRINT DATE 11/05/2004) AND TABLE OF CHANGES FROM THE 2004 APPENDIX E TO THE 2005 APPENDIX E, TALLIES | B. T. HENNESSEY | C. M. GORMAN,D. C. TAYLOR |
|  011849   | 11/01/20 | WSRC-RP-2004-4                | 10693   | FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 2004 (WSRC-RP-2004-4131) NOVEMBER 2004                                                                                                                  | WSRC            |                           |
|  011869   | 12/07/20 | 011869                        | 10693   | SCDHEC APPROVAL OF THE ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE, WSRC-RP-2004-4106, DATED NOVEMBER 2004                                                                               | C. M. GORMAN    | B. T. HENNESSEY           |
|  011915   | 12/15/20 | 011915                        | 10693   | SCDHEC APPROVAL OF THE SAVANNAH RIVER SITE INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN, WSRC-RP-94-1227, REV.7, DATED DECEMBER 2004                                                                                       | C. M. GORMAN    | B. T. HENNESSEY           |
|  011916   | 12/22/20 | 011916                        | 10693   | EPA APPROVAL OF THE EXTENSION REQUEST ON THE A-AREA BURNING RUBBLE PITS CORRECTIVE MEASURES STUDY (ABRP)                                                                                                                  | BART REEDY      | B. T. HENNESSEY           |
|  011924   | 12/28/20 | SGP-05-137                    | 10693   | DOE SUBMITTAL OF THE FISCAL YEAR 2004 REMOVAL ACTION REPORT                                                                                                                                                               | B. T. HENNESSEY | C. M. GORMAN,D. C. TAYLOR |
|  011926 | 12/17/20 | 011926                        | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE, VOLUME 15, NUMBER 26 - DECEMBER 17, 2004                                                                                                                             | WSRC            |                           |
|  011927 | 11/15/20 | 011927                        | 10693   | SRS CITIZENS ADVISORY BOARD (CAB) (BI-MONTHLY BOARD MEETING ANNOUNCEMENT) - 11/15/2004 AND 11/16/2004                                                                                                                     | WSRC            |                           |
|  011928 | 10/12/20 | 011928                        | 10693   | SRS CITIZENS ADVISORY BOARD (CAB) - MEETING RESCHEDULED - OCTOBER 12, 2004                                                                                                                                                | WSRC            |                           |
|  011954 | 12/30/20 | 011954                        | 10693   | EPA LETTER ON THE FEDERAL FACILITY AGREEMENT REV.0, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2005 (COVER LETTER DATED NOVEMBER 12, 2004)                                                                         | DAWN TAYLOR     |                           |
|  011962 | 12/30/20 | 011962                        | 10693   | SCDHEC COMMENTS ON THE SAVANNAH RIVER SITE, FEDERAL FACILITY AGREEMENT (FFA) REV.0, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2005 (COVER LETTER DATED NOVEMBER 12, 2004)                                         | C. M. GORMAN    | B. T. HENNESSEY           |

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|-------------|----------|------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|---------------------------|
| ✓011977     | 04/01/20 | 011977     | 10693   | TOXICOLOGICAL PROFILE FOR AMERICIUM - APRIL 2004                                                                                                                                                                   | U.S. DEPT OF HEALTH AND HUMAN SERVICES  |                           |
| ✓011980     | 04/01/20 | 011980     | 10693   | TOXICOLOGICAL PROFILE FOR STRONTIUM - APRIL 2004                                                                                                                                                                   | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                           |
| ✓011981     | 04/01/20 | 011981     | 10693   | TOXICOLOGICAL PROFILE FOR IODINE - APRIL 2004                                                                                                                                                                      | U.S. DEPT.OF HEALTH AND HUMAN SERVICES  |                           |
| ✓011986     | 04/01/20 | 011986     | 10693   | TOXICOLOGICAL PROFILE FOR CESIUM - APRIL 2004                                                                                                                                                                      | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                           |
| ✓012014     | 12/08/20 | 012014     | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 15, NUMBER 25 - DATED DECEMBER 8, 2004                                                                                                                | WSRC                                    |                           |
| ✓012018     | 04/01/20 | 012018     | 10693   | TOXICOLOGICAL PROFILE FOR COBALT - DATED APRIL 2004                                                                                                                                                                | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                           |
| ✓012019     | 09/01/20 | 012019     | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR 1,4-DIOXANE - SEPTEMBER 2004                                                                                                                                                       | U.S.DEPT. OF HEALTH AND HUMAN SERVICES  |                           |
| ✓012021     | 09/01/20 | 012021     | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR CYANIDE - SEPTEMBER 2004                                                                                                                                                           | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                           |
| ✓012022     | 09/01/20 | 012022     | 10693   | DRAFT FOR PUBLIC COMMENT (UPDATE) - TOXICOLOGICAL PROFILE FOR HLYDROGEN SULFIDE - SEPTEMBER 2004                                                                                                                   | U.S. DEPT.OF HEALTH & HUMAN SERVICES    |                           |
| ✓012023     | 01/19/20 | SGP-05-152 | 10693   | DOE EXTENSION REQUEST FOR THE SUBMITTAL OF THE REV.1, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR (FY) 2005                                                                                                  | B. T. HENNESSEY                         | C. M. GORMAN,D. C. TAYLOR |
| ✓012029     | 01/18/20 | 012029     | 10693   | SCDHEC COMMENTS ON THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT, APPENDIX C - RCRA/CERCLA UNITS AND APPENDIX G - SITE EVALUATION LIST FOR FISCAL YEAR (FY) 2005, REV.0, DATED OCTOBER 1, 2004                | C. M. GORMAN                            | B. T. HENNESSEY           |
| ✓012047     | 09/01/20 | 012047     | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR 1,1,1-TRICHLOROETHANE - SEPTEMBER 2004 (COMMENT PERIOD ENDS: FEBRUARY 23, 2005)                                                                                                    | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                           |
| ✓012054     | 01/25/20 | 012054     | 10693   | EPA CONDITIONAL APPROVAL OF THE FEDERAL FACILITY AGREEMENT (COVER LETTER DATED OCTOBER 1, 2004) REV.0, APPENDIX C, RCRA/CERCLA UNITS FOR FISCAL YEAR 2005 REV.0, APPENDIX G, SITE EVALUATION AREAS FOR FISCAL YEAR | D. C. TAYLOR                            | B. T. HENNESSEY           |
| ✓012058     | 01/27/20 | 012058     | 10693   | EPA APPROVAL OF THE EXTENSION REQUEST FOR THE SUBMITTAL OF THE REV.1, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2005 (LETTER DATED JANUARY 19, 2005, HENNESSEY TO GORMAN AND TAYLOR)                       | DAWN C. TAYLOR                          | B. T. HENNESSEY           |
| ✓012059     | 09/01/20 | 012059     | 10693   | DRAFT TOXICOLOGICAL PROFILE FOR DICHLOROBENZENES (UPDATE) - SEPTEMBER 2004 - (COMMENT PERIOD ENDS: FEBRUARY 23, 2005)                                                                                              | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                           |

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| ✓012092     | 01/27/20 | 012092          | 10693   | SCDHEC APPROVAL OF THE EXTENSION REQUEST FOR THE SUBMITTAL OF THE REV.1, C. M. GORMAN APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2005 (DOE LETTER DATED JANUARY 19, 2005)                                   |                                         | B. T. HENNESSEY           |
| ✓012107     | 01/24/20 | 012107          | 10693   | SRS CITIZENS ADVISORY BOARD - BI-MONTHLY BOARD MEETING ANNOUNCEMENT - JANUARY 24-25, 2005                                                                                                                          | WSRC                                    |                           |
| ✓012108     | 02/04/20 | 012108          | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE - VOLUME 16, NUMBER 3 WSRC - FEBRUARY 4, 2005                                                                                                                  |                                         |                           |
| ✓012117     | 09/01/20 | 012117          | 10693   | TOXICOLOGICAL PROFILE FOR VINYL CHLORIDE (DRAFT FOR PUBLIC COMMENT) (SEPTEMBER 2004) - PERIOD ENDING FEBRUARY 23, 2005                                                                                             | U.S. DEPT. OF HEALTH & HUMAN SERVICES   |                           |
| ✓012128     | 02/17/20 | SGP-05-155      | 10693   | DOE LETTER ON THE ACCESS PROTOCOLS AT THE SAVANNAH RIVER SITE                                                                                                                                                      | B. T. HENNESSEY                         | C. M. GORMAN,D. C. TAYLOR |
| ✓012135     | 02/04/20 | 012135          | 10693   | NEWSPAPER ADVERTISEMENT - (AIKEN STANDARD) - ON THE CLASS 2 NOTICE, HAZARDOUS WASTE PERMIT MODIFICATION REQUESTED - FEBRUARY 04, 2005                                                                              | WSRC                                    |                           |
| ✓012136     | 02/04/20 | 012136          | 10693   | NEWSPAPER ADVERTISEMENT - (THE STATE) - ON THE CLASS 2 NOTICE HAZARDOUS WASTE PERMIT MODIFICATON REQUESTED - FEBRUARY 4, 2005                                                                                      | WSRC                                    |                           |
| ✓012205     | 02/04/20 | 012205          | 10693   | NEWSPAPER ADVERTISEMENT - (THE AUGUSTA CHRONICLE) - ON THE CLASS 2 NOTICE HAZARDOUS WASTE PERMIT MODIFICATION - FEBRUARY 4, 2005                                                                                   | WSRC                                    |                           |
| ✓012206     | 02/07/20 | 012206          | 10693   | NEWSPAPER ADVERTISEMENT - (THE AUGUSTA CHRONICLE) - ON THE CLASS 2 NOTICE HAZARDOUS WASTE PERMIT MODIFICATION - DATED FEBRUARY 7, 2005                                                                             | WSRC                                    |                           |
| ✓012217     | 09/01/20 | 012217          | 10693   | TOXICOLOGICAL PROFILE FOR AMMONIA (UPDATE) - SEPTEMBER 2004                                                                                                                                                        | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                           |
| ✓012218     | 09/01/20 | 012218          | 10693   | TOXICOLOGICAL PROFILE FOR CHLORINE DIOXIDE AND CHLORITE - SEPTEMBER 2004                                                                                                                                           | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                           |
| ✓012221     | 09/01/20 | 012221          | 10693   | TOXICOLOGICAL PROFILE FOR SYNTHETIC VITREOUS FIBERS - SEPTEMBER 2004                                                                                                                                               | DEPT. OF HEALTH & HUMAN SERVICES        |                           |
| ✓012222     | 09/01/20 | 012222          | 10693   | TOXICOLOGICAL PROFILE FOR COPPER (UPDATE) - SEPTEMBER 2004                                                                                                                                                         | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                           |
| ✓012240     | 03/21/20 | SGP-05-180      | 10693   | DOE LETTER ON THE FISCAL YEAR 2005 BUDGET ALLOTMENT FOR SOILS AND GROUNDWATER PROJECT AND SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REV.0, APPENDIX D, TIMETABLES AND DEADLINES FOR FISCAL YEAR 2005 (PRINT DATE | B. T. HENNESSEY                         | C. M. GORMAN,D. C. TAYLOR |
| ✓012246     | 03/16/20 | ESH-EPG-2005-00 | 10693   | LETTER FROM P. K. HIGHTOWER, WSRC TO JACK COWART, EPA ON THE REQUEST FOR P. K. HIGHTOWER CERCLA ACCEPTABILITY DETERMINATION FOR THE TRU PADS 3-6, 23 AND 24                                                        |                                         | JACK COWART               |

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|-------------|----------|-----------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|---------------------------|
| ✓012251     | 03/25/20 | 012251          | 10693   | SCDHEC APPROVAL OF THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT, APPENDIX D - TIMETABLES AND DEADLINES FOR FISCAL YEAR 2005 (REV.0 DATED MARCH 21, 2005)                                                     | C. M. GORMAN                            | B. T. HENNESSEY           |
| ✓012252     | 03/11/20 | 012252          | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE, VOLUME 16, NUMBER 5 - DATED MARCH 11, 2005                                                                                                                    | WSRC                                    |                           |
| ✓012255     | 02/04/20 | 012255          | 10693   | NEWSPAPER ADVERTISEMENT - (AUGUSTA CHRONICLE) - ON THE CLASS 2 NOTICE HAZARDOUS WASTE PERMIT MODIFICATION - DATED FEBRUARY 4, 2005                                                                                 | WSRC                                    |                           |
| ✓012256     | 03/28/20 | 012256          | 10693   | SRS CITIZENS ADVISORY BOARD BI-MONTHLY BOARD MEETING INVITATION ON MARCH 28-29, 2005                                                                                                                               | WSRC                                    |                           |
| ✓012262     | 03/31/20 | SGP-05-185      | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REV.1, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2005 (PRINT DATE 03/07/2005) AND THE ENCLOSURES: REV.1, APPENDIX E; DOE RESPONSES TO EPA AND SCDHEC       | B. T. HENNESSEY                         | C. M. GORMAN,D. C. TAYLOR |
| ✓012263     | 03/30/20 | 012263          | 10693   | EPA APPROVAL OF THE FEDERAL FACILITY AGREEMENT, REV.0, APPENDIX D, TIMETABLE AND DEADLINES FOR FISCAL YEAR 2005                                                                                                    | ANNIE M. GODFREY                        | B. T. HENNESSEY           |
| ✓012270     | 03/30/20 | WSRC-OS-94-42   | 10693   | FEDERAL FACILITY AGREEMENT (PAGE CHANGES - APPENDIX D, REVISION DATE 3/03/2005) AND MODIFICATION PAGES (WSRC-OS-94-42, DATED 03/30/2005)                                                                           | WSRC                                    |                           |
| ✓012271     | 04/15/20 | WSRC-RP-98-412  | 10693   | LAND USE CONTROL ASSURANCE PLAN FOR THE SAVANNAH RIVER SITE (WSRC-RP-98-4125, REV.1.1) DATED AUGUST 1999, UPDATED APRIL 15, 2005                                                                                   | WSRC                                    |                           |
| ✓012274     | 04/14/20 | SGP-05-175      | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT (FFA) REVISION 1, APPENDIX C, RCRA/CERCLA UNITS AND REVISION 1, APPENDIX G, SITE EVALUATION AREAS AND RESPONSES TO US EPA AND SCDHEC COMMENTS, APPROVED CHANGES TO | B. T. HENNESSEY                         | C. M. GORMAN,D. C. TAYLOR |
| ✓012275     | 04/13/20 | FCP-05-127      | 10693   | DOE LETTER ON THE SCDHEC AND EPA REQUEST FOR LIST OF DEACTIVATION AND DECOMMISSIONING (D&D) FACILITIES AT THE SAVANNAH RIVER SITE AND THE ATTACHED LIST OF FACILITIES                                              | HELEN BELENCAN                          | C. M. GORMAN,D. C. TAYLOR |
| ✓012283     | 09/01/20 | 012283          | 10693   | TOXICOLOGICAL PROFILE FOR POLYBROMINATED BIPHENYLS AND POLYBROMINATED DIPHENYL ETHERS (UPDATE) DATED SEPTEMBER 2004                                                                                                | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                           |
| ✓012284     | 04/12/20 | 012284          | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE, VOLUME 16, NUMBER 6, DATED APRIL 12, 2005                                                                                                                     | WSRC                                    |                           |
| ✓012289     | 04/20/20 | 012289          | 10693   | EPA CONDITIONAL APPROVAL OF THE FEDERAL FACILITY AGREEMENT REV.1, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2005                                                                                           | ANNIE M. GODFREY                        | B. T. HENNESSEY           |
| ✓012294     | 04/22/20 | ERD-EN-2005-008 | 10693   | AREA COMPLETION STRATEGY - SAVANNAH RIVER SITE (ERD-EN-2005-0084, DRAFT) DATED APRIL 22, 2005                                                                                                                      | WSRC                                    |                           |
| ✓012300     | 04/01/20 | 012300          | 10693   | SAVANNAH RIVER SITE CITIZENS ADVISORY BOARD (CAB), BOARD BEAT, DATED SPRING 2005                                                                                                                                   | WSRC                                    |                           |

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| 012304      | 04/26/20 | 012304                | 10693   | SCDHEC APPROVAL OF THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT, APPENDIX C - RCRA/CERCLA UNITS AND APPENDIX G - SITE EVALUATION LIST FOR FISCAL YEAR (FY) 2005, REV.1, DATED APRIL 14, 2005                              | C. M. GORMAN     | B. T. HENNESSEY           |
| 012307      | 04/26/20 | 012307                | 10693   | SCDHEC COMMENTS ON THE ANNUAL TANK STATUS REPORT FOR THE SAVANNAH RIVER SITE (SRS HIGH LEVEL WASTE TANK SYSTEMS DATED MARCH 9, 2005)                                                                                            | C. M. GORMAN     | B. T. HENNESSEY           |
| 012353      | 04/26/20 | WSRC-OS-94-42         | 10693   | FEDERAL FACILITY AGREEMENT (PAGE CHANGES FOR APPENDIX E, REV.1: FISCAL YEAR 2005 LONG-TERM PROJECTIONS - E.1-1 THROUGH E.1-5 (REV.1, PRINT DATE 04/26/2005); E.2-1 THROUGH E.2-4 (REV.1, PRINT DATED 04/26/2005); E.3-1 THROUGH | WSRC             |                           |
| 012363      | 05/23/20 | 012363                | 10693   | SRS CITIZENS ADVISORY BOARD - BIMONTHLY BOARD MEETING INVITATION - MAY 23-24, 2005                                                                                                                                              | WSRC             |                           |
| 012364      | 05/09/20 | WSRC-OS-94-42         | 10693   | FEDERAL FACILITY AGREEMENT (PAGE CHANGES FOR REV.0, APPENDIX D FOR FISCAL YEAR 2005, PAGES D-1 THROUGH D-5, PRINT DATED 3/3/2005) UPDATED 05/09/2005, AND MODIFICATION RECORD PAGES 1-8 (WSRC-OS-94-42)                         | WSRC             |                           |
| 012376      | 05/19/20 | 012376                | 10693   | EPA APPROVAL OF THE FEDERAL FACILITY AGREEMENT (COVER LETTER DATED APRIL 26, 2005) REVISION.1 APPENDIX C, RCRA/CERCLA UNITS FOR FISCAL YEAR 2005, REV.1; APPENDIX G, SITE EVALUATION AREAS FOR FISCAL YEAR 2005                 | DAWN C. TAYLOR   | B. T. HENNESSEY           |
| 012378      | 05/23/20 | SGP-05-201            | 10693   | DOE SUBMITTAL OF THE APPROVED FEDERAL FACILITY AGREEMENT REV.1, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2005                                                                                                          | B. T. HENNESSEY  | C. M. GORMAN,D. C. TAYLOR |
| 012379      | 05/23/20 | SGP-05-191            | 10693   | DOE LETTER OF THE PROPOSED MODIFICATIONS TO THE SAVANNAH RIVER SITE (SRS) FEDERAL FACILITY AGREEMENT (FFA) TO INCORPORATE DEACTIVATION AND DECOMMISSIONING (D&D) FACILITIES AND AREA COMPLETIONS, AND THE ACT                   | B. T. HENNESSEY  | C. M. GORMAN,D. C. TAYLOR |
| 012405      | 06/01/20 | SGP-05-202            | 10693   | DOE SUBMITTAL OF THE TRANSMITTAL OF THE SAVANNAH RIVER SITE COMMUNITY INVOLVEMENT PLAN (WSRC-RP-2005-4012)                                                                                                                      | B. T. HENNESSEY  | C. M. GORMAN,D. C. TAYLOR |
| 012407      | 05/01/20 | WSRC-RP-96-120, REV.3 | 10693   | SAVANNAH RIVER SITE COMMUNITY INVOLVEMENT PLAN (WSRC-RP-96-120, REV.3) DATED MAY 2005                                                                                                                                           | WSRC             |                           |
| 012474      | 06/07/20 | 012474                | 10693   | CERCLA OFF-SITE RULE: NOTICE OF ACCEPTABILITY FOR THE TRU PADS 3, 4, 5, 6, 23, AND 24, SAVANNAH RIVER SITE; AIKEN, BARNWELL AND ALLENDALE COUNTIES; AIKEN, SC                                                                   | WINSTON A. SMITH | P. K. HIGHTOWER           |
| 012526      | 06/10/20 | 012526                | 10693   | NEWSPAPER ADVERTISEMENT - (AUGUSTA CHRONICLE) - CLASS 1 PRIME MODIFICATION NOTICE ON THE F- AND H-AREA HAZARDOUS WASTE MANAGEMENT FACILITIES - JUNE 10, 2005                                                                    | WSRC             |                           |
| 012585      | 05/19/20 | 012585                | 10693   | E-MAIL MEMO ON THE THREE RIVERS LANDFILL, CERCLA OFF-SITE ACCEPTABILITY DETERMINATION, DATED MAY 19, 2005                                                                                                                       | JACK COWART      | MICHELE WILSON            |
| 012594      | 06/10/20 | 012594                | 10693   | NEWSPAPER ADVERTISEMENT - (AUGUSTA CHRONICLE) - ON THE F- AND H-AREA HAZARDOUS WASTE MANAGEMENT FACILITIES, JUNE 10, 2005                                                                                                       | WSRC             |                           |
| 012598      | 07/11/20 | 012598                | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE, VOLUME 16, NUMBER 14, DATED JULY 11, 2005                                                                                                                                  | WSRC             |                           |

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| ✓012615     | 07/18/20 | 012615         | 10693   | EPA LETTER ON THE SAVANNAH RIVER SITE END STATE VISION (REVISED DRAFT MARCH 7, 2005)                                                                                                                          | DAWN C. TAYLOR           | B. T. HENNESSEY           |
| ✓012623     | 07/13/20 | 012623         | 10693   | EPA AND SCDHEC COMMENTS ON THE PROPOSED MODIFICATIONS TO THE SAVANNAH RIVER SITE (SRS) FEDERAL FACILITY AGREEMENT (FFA) TO INCORPORATE DEACTIVATION AND DECOMMISSIONING (D&D) FACILITIES AND AREA COMPLETIONS | DAWN TAYLOR,C. M. GORMAN |                           |
| ✓012643     | 07/25/20 | 012643         | 10693   | SRS CITIZENS ADVISORY BOARD (BI-MONTHLY BOARD MEETING) JULY 25-26, 2005                                                                                                                                       | WSRC                     |                           |
| ✓012696     | 08/09/20 | 012696         | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE, VOLUME 16, NUMBER 16, DATED AUGUST 9, 2005                                                                                                               | WSRC                     |                           |
| ✓012767     | 09/13/20 | 012767         | 10693   | SCDHEC COMMENTS ON THE SAVANNAH RIVER SITE COMMUNITY INVOLVEMENT PLAN, REV.0 (WSRC-RP-2005-4012)                                                                                                              | C. M. GORMAN             | B. T. HENNESSEY           |
| ✓012777     | 09/19/20 | SGP-05-249     | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT (FFA) REV.0, APPENDIX C, RCRA/CERCLA UNITS AND REV.0, APPENDIX G, SITE EVALUATION AREAS FOR FISCAL YEAR 2006                                                  | B. T. HENNESSEY          | C. M. GORMAN,D. C. TAYLOR |
| ✓012778     | 05/22/95 | 012778         | 10693   | EPA AND DOE MEMO ON THE POLICY ON DECOMMISSIONING OF DEPT. OF ENERGY FACILITIES UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT (CERCLA) DATED MAY 22, 1995 - DOCUMENT FOR    | STEVEN A. HERMAN         |                           |
| ✓012806     | 09/26/20 | 012806         | 10693   | SRS CITIZENS ADVISORY BOARD BI-MONTHLY BOARD MEETING INVITATION - DATED SEPTEMBER 26-27, 2005                                                                                                                 | WSRC                     |                           |
| ✓012809     | 08/30/20 | 012809         | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE, VOLUME 16, NUMBER 18 ON THE SRS FACILITY DEACTIVATION AND DECOMMISSIONING PROJECT - DATED AUGUST 30, 2005                                                | WSRC                     |                           |
| ✓012813     | 10/03/20 | WDPD-05-249    | 10693   | DOE LETTER ON THE ANNUAL TANK STATUS REPORT FOR THE SAVANNAH RIVER SITE (SRS) HIGH LEVEL WASTE TANK SYSTEMS DATED MARCH 9, 2005 (YOUR LETTER, 4/26/2005)                                                      | B. T. HENNESSEY          | C. M. GORMAN              |
| ✓012815     | 09/30/20 | WSRC-RP-98-412 | 10693   | LAND USE CONTROL ASSURANCE PLAN FOR THE SAVANNAH RIVER SITE (WSRC-RP-98-4125, REV.1.1, AUGUST 1999) - UPDATED SEPTEMBER 30, 2005                                                                              | WSRC                     |                           |
| ✓012819     | 09/26/20 | 012819         | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE, VOLUME 16, NUMBER 19, DATED SEPTEMBER 26, 2005                                                                                                           | WSRC                     |                           |
| ✓012820     | 03/30/20 | 012820         | 10693   | SRS SUBMITTAL OF REVISION.7 SAVANNAH RIVER SITE INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN (WSRC-RP-94-1227, REV.7, DATED DECEMBER 2004                                                                      | FLORA,M. A.              | C. M. GORMAN              |
| ✓012821     | 12/01/20 | WSRC-RP-94-122 | 10693   | SAVANNAH RIVER SITE INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN (WSRC-RP-94-1227, REV.7) DATED DECEMBER 2004                                                                                                  | WSRC                     |                           |
| ✓012830     | 10/01/20 | 012830         | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE, VOL 16 NUMBER 20, OCT 1, 2005                                                                                                                            | WSRC                     |                           |

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|-------------|----------|--------------------------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------|
| 012831      | 09/28/20 | 012831                         | 10693   | NEWSPAPER ADVERTISEMENT - (THE PEOPLE SENTINEL) - PUBLIC NOTICE ON THE HAZARDOUS WASTE PERMIT REQUEST, DATED ON 9/28/05                                                                      | WSRC              |                            |
| 012837      | 10/13/20 | 012837                         | 10693   | USEPA COMMENTS ON THE SAVANNAH RIVER SITE COMMUNITY INVOLVEMENT PLAN (MAY 2005) WSRC-RP-2005-4012.                                                                                           | DAWN TAYLOR       | B. T. HENNESSEY            |
| 012842      | 10/25/20 | SGP-06-104                     | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT (FFA) REVISION 0 APPENDIX C, RCRA/CERCLA UNITS AND REVISION 0 APPENDIX G, SITE EVALUATION AREAS FOR FISCAL YEAR 2006 (REFERENCE SGP-05-249). | B.T. Hennessey    | D.C. Taylor / C. M. GORMAN |
| 012846      | 10/05/20 | 012846                         | 10693   | NEWSPAPER ADVERTISEMENT (THE STATE) - PUBLIC NOTICE HAZARDOUS WASTE PERMIT APPLICATION MODIFICATIONS REQUEST                                                                                 | WSRC              |                            |
| 012869      | 11/04/20 | 012869                         | 10693   | SRS CITIZENS ADVISORY BOARD BI-MONTHLY BOARD MEETING INVITATION - DATED NOVEMBER 14-15, 2005                                                                                                 | WSRC              |                            |
| 012870      | 10/31/20 | 012870                         | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE, VOLUME 16, NUMBER 22, OCTOBER 31, 2005                                                                                                  | WSRC              |                            |
| 012871      | 11/04/20 | SGP-06-112                     | 10693   | DOE SUBMITTAL OF THE IMPLEMENTATION SCHEDULE FOR THE PREPARATION OF THE THIRD FIVE-YEAR REMEDY REVIEW.                                                                                       | B.T. HENNESSEY    | D.C. TAYLOR / C. M. GORMAN |
| 012880      | 11/14/20 | SGP-06-100                     | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT (FFA) REVISION 0 APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2006 (PRINT DATE 10/03/2005).                                             | B.T. Hennessey    | D.C. Taylor/ C. M. GORMAN  |
| 012901      | 11/17/20 | SGP-06-103                     | 10693   | DOE SUBMITTAL OF THE SAVANNAH RIVER SITE ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE (WSRC-RP-2005-4075, REVISION 0 NOVEMBER 2005).                         | B. T. HENNESSEY   | D.C.TAYLOR / C. M. GORMAN  |
| 012902      | 11/01/20 | WSRC-RP-2005-41<br>BOOK 1 OF 2 | 10693   | 2005 ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE (BOOK 1 OF 2).                                                                                             | WSRC              |                            |
| 012903      | 11/01/20 | WSRC-RP-2005-41<br>BOOK 2 OF 2 | 10693   | 2005 ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE (BOOK 2 OF 2).                                                                                             | WSRC              |                            |
| 012904      | 11/21/20 | 012904                         | 10693   | USEPA APPROVAL OF THE ADMINISTRATIVE RECORD FILE/ INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE NOVEMBER 2005 (WSRC-RP-2005-4075, REV.0) SAVANNAH RIVER SITE, AIKEN, SOUTH CAROLINA.     | D.C. Taylor       | B. T. HENNESSEY            |
| 012905      | 11/21/20 | 012905                         | 10693   | USEPA APPROVAL OF THE IMPLEMENTATION SCHEDULE FOR THE THIRD FIVE YEAR REVIEW REMEDY REVIEW LETTER DATED NOVEMBER 4, 2005 FROM HENNESSEY TO GORMAN AND TAYLOR.                                | D.C. TAYLOR       | B. T. HENNESSEY            |
| 012911      | 11/18/20 | 012911                         | 10693   | SCDHEC APPROVAL OF THE IMPLEMENTATION SCHEDULE FOR THE THIRD FIVE-YEAR REMEDY REVIEW FOR SAVANNAH RIVER SITE.                                                                                | Charles M. Gorman | B. T. HENNESSEY            |
| 012924      | 12/12/20 | 012924                         | 10693   | SCDHEC COMMENTS ON THE SRS INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN, WSRC-RP-94-1227, REVISION 8, DATED NOVEMBER 2, 2005                                                                  | C. M. Gorman      | B. T. HENNESSEY            |



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| 012926      | 12/09/20 | SGP-06-131                             | 10693   | DOE FISCAL YEAR 2005 (FY05) REMOVAL ACTION REPORT, (DECEMBER 9, 2005)                                                                                                                                           | Brian T. Hennessey | D. C. TAYLOR /<br>C. M. GORMAN |
| 012928      | 12/13/20 | 012928                                 | 10693   | SCDHEC APPROVAL OF THE REVISED PAGE OF THE DRAFT RCRA PERMIT MODIFICATION FOR K-AREA SLUDGE LAND APPLICATION SITE AND PAR POND SLUDGE LAND APPLICATION SITE OU, SAVANNAH RIVER SITE (SRS)/RCRA SC1 890 008 989, | C. Gorman          | Mary A. Flora                  |
| 012930      | 11/16/20 | SGP-06-130                             | 10693   | DOE SUBMITTAL OF THE REDLINED AND CLEAN COPY REVISION 0 AREA COMPLETION STRATEGY FOR THE SAVANNAH RIVER SITE, (ERD-EN-2005-0084, NOVEMBER 8, 2005).                                                             | B. T. HENNESSEY    | D.C. TAYLOR /<br>C. M. GORMAN  |
| 012931      | 11/08/20 | ERD-EN-2005-008<br>REV.0 REDLINE       | 10693   | AREA COMPLETION STRATEGY FOR THE SAVANNAH RIVER SITE REDLINE REVISION 0.                                                                                                                                        | WSRC               |                                |
| 012932      | 11/08/20 | ERD-EN-2005-008<br>REV.0 CLEAN<br>COPY | 10693   | AREA COMPLETION STRATEGY FOR THE SAVANNAH RIVER SITE REVISION 0 CLEAN COPY.                                                                                                                                     | WSRC               |                                |
| 012952      | 12/19/20 | SGP-06-144                             | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT MODIFICATION OF APPENDIX I PRIMARY DOCUMENT REVIEW/COMMENT AND REVISION SCHEDULES.                                                                              | B. T. Hennessey    | D. C. TAYLOR /<br>C. M. GORMAN |
| 012960      | 11/22/20 | SGP-06-109                             | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR (2005)(WSRC-RP-2005-4086).                                                                                               | B. T. HENNESSEY    | D.C. TAYLOR /<br>C. M. GORMAN  |
| 012962      | 12/15/20 | 012962                                 | 10693   | SCDHEC APPROVAL OF THE ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE(WSRC-RP-2005-4075, DATED NOBEMBER 2005).                                                                    | Charles M. Gorman  | B. T.<br>HENNESSEY             |
| 012963      | 12/15/20 | 012963                                 | 10693   | SCDHEC COMMENTS ON THE AREA COMPLETION STRATEGY FOR THE SAVANNAH RIVER SITE (ERD-EN-2005-0084, REV.0 DATED NOVEMBER 17, 2005).                                                                                  | CHARLES M .GORMAN  | B. T.<br>HENNESSEY             |
| 012966      | 11/01/20 | WSRC-RP-2005-41<br>REV.0               | 10693   | FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 2005.                                                                                                                                         | WSRC               |                                |
| 012980      | 12/19/20 | SGP-06-141                             | 10693   | EPA APPROVAL OF THE AREA COMPLETION STRATEGY REV.0(REDLINE AND CLEAN COPY)(ERD-EN-2005-0084 NOVEMBER 2005).                                                                                                     | DAWN TAYLOR        | B. T.<br>HENNESSEY             |
| 012984      | 12/28/20 | 012984                                 | 10693   | SCDHEC COMMENT ON THE SAVANNAH RIVER SITE, FEDERAL FACILITY AGREEMENT (FFA) REVISION 0 APPENDIX E LONG TERM PROJECTIONS FOR FISCAL YEAR 2006 (COVER LETTER DATE NOVEMBER 14, 2005).                             | Charles M. Gorman  | B. T.<br>HENNESSEY             |
| 012986      | 12/27/20 | 012986                                 | 10693   | USEPA COMMENTS ON THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX E LONG TERM PROJECTIONS FOR FISCAL YEAR 2006 (PRINT DATE 10/03/2005).                                                                      | Dawn Taylor        | B. T.<br>HENNESSEY             |
| 012998      | 01/05/20 | 012998                                 | 10693   | EPA APPROVAL OF THE MODIFICATION TO APPENDIX I (DATED DECEMBER 15, 2005) SAVANNAH RIVER SITE (SRS), AIKEN, SOUTH CAROLINA.                                                                                      | DAWN C. TAYLOR     | B. T.<br>HENNESSEY             |
| 013004      | 01/05/20 | WSRC-OS-94-42                          | 10693   | FEDERAL FACILITY AGREEMENT MODIFICATION DATED 01/05/2006 (WSRC-OS-94-42) - APPENDIX I PRIMARY DOCUMENT REVIEW/COMMENT AND REVISION SCHEDULE.                                                                    | WSRC               |                                |

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|  013009   | 01/19/20 | 013009                     | 10693   | EPA COMMENTS ON THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX C RCRA/CERCLA UNITS AND REVISION 0 APPENDIX G, SITE EVALUATION AREAS FOR FISCAL YEAR 2006 PRINT DATE 10/20/2005.                      | Dawn C. Taylor    | B. T. HENNESSEY                |
|  013024   | 01/17/20 | SGP-06-156                 | 10693   | DOE SUBMITTAL OF THE BACKGROUND SOILS STATISTICAL SUMMARY REPORT FOR SAVANNAH RIVER SITE (ERD-EN-2005-0223, REVISION 0, JANUARY 2006)                                                                    | B. T. Hennessey   | D. C. TAYLOR /<br>C. M. GORMAN |
|  013025   | 01/01/20 | ERD-EN-2005-022<br>Rev. 0  | 10693   | BACKGROUND SOILS STATISTICAL SUMMARY REPORT FOR SAVANNAH RIVER SITE, ERD-EN-2005-0223, REV. 0                                                                                                            | WSRC              | Dena D. Brett                  |
|  013026   | 01/11/20 | SGP-06-154                 | 10693   | DOE SUBMITTAL FOR THE 30-DAY EXTENSION NOTICE FOR THE SUBMITTAL OF THE SAVANNAH RIVER SITE COMMUNITY INVOLVEMENT PLAN REV. 4, WSRC-RP-2005-4012                                                          | B. T. Hennessey   | D.C. TAYLOR /<br>C. M. GORMAN  |
|  013034   | 01/20/20 | 013034                     | 10693   | SCDHEC COMMENTS ON THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT APPENDIX C - RCRA/CERCLA UNIT AND APPENDIX G - SITE EVALUATION LIST FOR FISCAL YEAR (FY) 2006, REVISION 0, DATED OCTOBER 25, 2006. | Charles M. Gorman | B. T. HENNESSEY                |
|  013036   | 12/20/20 | WSRC-RP-98-412<br>REV. 1 1 | 10693   | LAND USE CONTROL ASSURANCE PLAN FOR THE SAVANNAH RIVER SITE (WSRC-RP-98-4125, REV.1.1)(UPDATED 12/20/2005).                                                                                              | WSRC              |                                |
|  013039   | 02/01/20 | 013039                     | 10693   | FIELD CHAIN OF CUSTODY: INVENTORY LIST BOX #1(A2 THROUGH AMRCRA)                                                                                                                                         |                   |                                |
|  013040   | 02/01/20 | 013040                     | 10693   | FIELD CHAIN OF CUSTODY: INVENTORY LIST BOX #2 (AMRCRA THROUGH CBRP)                                                                                                                                      |                   |                                |
|  013041   | 02/01/20 | 013041                     | 10693   | FIELD CHAIN OF CUSTODY: INVENTORY LIST BOX #3 (CBRP 23V THROUGH CRET)                                                                                                                                    |                   |                                |
|  013042   | 02/01/20 | 013042                     | 10693   | FIELD CHAIN OF CUSTODY: INVENTORY LIST BOX #4 (CRGW THROUGH DEXOU DRP)                                                                                                                                   |                   |                                |
|  013043 | 02/01/20 | 013043                     | 10693   | FIELD CHAIN OF CUSTODY: INVENTORY LIST BOX #5 (DFTF THROUGH ENSUR)                                                                                                                                       |                   |                                |
|  013044 | 02/01/20 | 013044                     | 10693   | FIELD CHAIN OF CUSTODY: INVENTORY LIST BOX #6 (ENVIRONMENTAL SCREENING THROUGH FHRCRA)                                                                                                                   |                   |                                |
|  013045 | 02/01/20 | 013045                     | 10693   | FIELD CHAIN OF CUSTODY INVENTORY LIST BOX #7 (FHRCRA)                                                                                                                                                    |                   |                                |
|  013046 | 02/01/20 | 013046                     | 10693   | FIELD CHAIN OF CUSTODY: INVENTORY LIST BOX #8 (FHRCRA THROUGH HP52-RI)                                                                                                                                   |                   |                                |
|  013047 | 02/01/20 | 013047                     | 10693   | FIELD CHAIN OF CUSTODY: INVENTORY LIST BOX #9 (HSB1 THROUGH LFWRCA)                                                                                                                                      |                   |                                |

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|  013048   | 02/01/20 | 013048     | 10693   | FIELD CHAIN OF CUSTODY: INVENTORY LIST BOX #10 (LFWRCRA THROUGH MWRCRA)                                                                                                                                    |                    |                                |
|  013049   | 02/01/20 | 013049     | 10693   | FIELD CHAIN OF CUSTODY: INVENTORY LIST BOX #11 (MWRCRA THROUGH PES)                                                                                                                                        |                    |                                |
|  013050   | 02/01/20 | 013050     | 10693   | FIELD CHAIN OF CUSTODY: INVENTORY LIST BOX #12 (PRP THROUGH TNX)                                                                                                                                           |                    |                                |
|  013062   | 11/16/20 | 013062     | 10693   | NEWSPAPER ADVERTISEMENT - (THE PEOPLE SENTINEL) - ON THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT (CERCLA) A REMOVAL SITE EVALUATION REPORT (RSER) - NOVEMBER 16, 2005         | WSRC               |                                |
|  013068   | 11/14/20 | 013068     | 10693   | NEWSPAPER ADVERTISEMENT - (THE STATE) - ON THE CERCLA ENGINEERING EVALUATION/COST ANALYSIS REMOVAL ACTION, MSRP SITE EVALUATION AREA, NOVEMBER 14, 2005                                                    | WSRC               |                                |
|  013071   | 11/09/20 | 013071     | 10693   | NEWSPAPER ADVERTISEMENT - (PEOPLE-SENTINEL) - ON THE TEMPORARY AUTHORIZATION (TA) REQUEST TO SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL FOR SAMPLING AND TREATMENT OF POTENTIALLY SHOCK | WSRC               |                                |
|  013073   | 12/16/20 | 013073     | 10693   | NEWSPAPER ADVERTISEMENT - (THE STATE) - ON THE SANITARY LANDFILL APPLICATION MODIFICATION REQUESTED, DECEMBER 16, 2005                                                                                     | WSRC               |                                |
|  013074   | 12/21/20 | 013074     | 10693   | NEWSPAPER ADVERTISEMENT - (PEOPLE-SENTINEL) - ON THE SANITARY LANDFILL PERMIT APPLICATION MODIFICATION REQUESTED, DECEMBER 21, 2005                                                                        | WSRC               |                                |
|  013081   | 11/08/20 | 013081     | 10693   | NEWSPAPER ADVERTISEMENT - (AIKEN STANDARD) - ON THE TEMPORARY AUTHORIZATION (TA) REQUEST TO SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (SCDHEC) FOR SAMPLING AND TREATMENT OF           | WSRC               |                                |
|  013085   | 12/16/20 | 013085     | 10693   | NEWSPAPER ADVERTISEMENT - (AIKEN STANDARD) - ON THE SANITARY LANDFILL PERMIT APPLICATION MODIFICATION REQUESTED, DECEMBER 16, 2005                                                                         | WSRC               |                                |
|  013090 | 01/31/20 | SGP-06-159 | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT (FFA) REVISION 1, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2006 (PRINT DATE 01/05/2006), JANUARY 31, 2006                                         | Brian T. Hennessey | D. C. TAYLOR /<br>C. M. GORMAN |
|  013106 | 02/08/20 | 013106     | 10693   | SCDHEC APPROVAL FOR THE EXTENSION REQUEST FOR THE SUBMITTAL OF THE SAVANNAH RIVER SITE COMMUNITY INVOLVEMENT PLAN, REV. 4 (WSRC-RP-2005-4012)(DOE LETTER DATED FEBRUARY).                                  | Charles Gorman     | B. T.<br>HENNESSEY             |
|  013113 | 11/07/20 | 013113     | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE, VOLUME 16, NUMBER 23, NOVEMBER 7, 2005                                                                                                                | WSRC               |                                |
|  013114 | 11/14/20 | 013114     | 10693   | ENVIRONMENTAL BULLETIN FORM THE SAVANNAH RIVER SITE, VOLUME 16, NUMBER 24, NOVEMBER 14, 2005                                                                                                               | WSRC               |                                |
|  013115 | 11/22/20 | 013115     | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE, VOLUME 16, NUMBER 25, NOVEMBER 22, 2005                                                                                                               | WSRC               |                                |

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| ✓013116     | 12/16/20 | 013116                 | 10693   | ENVIRONMENTAL BULLETIN FROM THE SAVANNAH SITE, VOLUME 16, NUMBER 27, DECEMBER 16, 2005                                                                                                                                   | WSRC               |                             |
| ✓013119     | 11/10/20 | 013119                 | 10693   | SRS CITIZENS ADVISORY BOARD BI-MONTHLY BOARD INVITATION - DATED NOVEMBER 10, 2005                                                                                                                                        | WSRC               |                             |
| ✓013128     | 02/22/20 | SGP-06-171             | 10693   | DOE SUBMITTAL FOR THE PROPOSED MODIFICATION TO THE SAVANNAH RIVER SITE (SRS) FEDERAL FACILITY AGREEMENT (FFA) TO INCORPORATE DEACTIVATION AND DECOMMISSIONING (D&D) FACILITIES AND AREA OPERABLE UNITS, DATED FEBRUARY   | Brian T. Hennessey | D. T. TAYLOR / C. M. GORMAN |
| ✓013129     | 02/22/20 | SGP-06-180             | 10693   | DOE SUBMITTAL FOR THE EXTENSION REQUEST FOR THE L-AREA SOUTHERN GROUNDWATER OPERABLE UNIT STATEMENT OF BASIS/PROPOSED PLAN, DATED FEBRUARY 22, 2006                                                                      | Brian T. Hennessey | D. C. TAYLOR / C. M. GORMAN |
| ✓013130     | 02/22/20 | SGP-06-179             | 10693   | DOE SUBMITTAL FOR THE 30-DAY EXTENSION NOTICE FOR THE SUBMITTAL OF THE REDLINE REV. 1.1 CORRECTIVE MEASURES STUDY/FEASIBILITY STUDY REPORT FOR THE L-AREA SOUTHERN GROUNDWATER OPERABLE UNIT (WSRC-RP-2005-4025),        | Brian T. Hennessey | D. C. TAYLOR / C. M. GORMAN |
| ✓013157     | 02/08/20 | 013157                 | 10693   | EPA APPROVAL FOR THE EXTENSION REQUEST FOR THE SUBMITTAL OF THE SAVANNAH RIVER SITE COMMUNITY INVOLVEMENT PLAN (WSRC-RP-2005-4012, REV.4)(DOE LETTER DATED 02/08/2006).                                                  | Dawn Taylor        | B. T. HENNESSEY             |
| ✓013169     | 03/03/20 | SGP-06-176             | 10693   | DOE SUBMITTAL OF THE FISCAL YEAR 2006 BUDGET ALLOTMENT FOR ENVIRONMENTAL RESTORATION, AND SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX D, TIMETABLES AND DEADLINES FOR FISCAL YEAR                    | Brian Hennessey    | D.C. Taylor / C. M. GORMAN  |
| ✓013233     | 03/16/20 | 013233                 | 10693   | EPA APPROVAL OF THE FEDERAL FACILITY AGREEMENT REVISION 1 APPENDIX E LONG-TERM PROJECTIONS FOR FISCAL YEAR 2006 (PRINTED DATE 01/05/2006) COVER LETTER DATED JANUARY 31, 2006 SAVANNAH RIVER SITE AIKEN, SOUTH CAROLINA  | D. C. Taylor       | B. T. HENNESSEY             |
| ✓013234     | 03/16/20 | 013234                 | 10693   | EPA CONDITIONAL APPROVAL FOR THE FEDERAL FACILITY AGREEMENT REVISION 0, APPENDIX D, TIMETABLES AND DEADLINES FOR FISCAL YEAR 2006 (PRINT DATE 02/14/2006), COVER LETTER DATED MARCH 3, 2006, SAVANNAH RIVER SITE, AIKEN, | D. C. Taylor       | B. T. HENNESSEY             |
| ✓013235     | 03/13/20 | 013235                 | 10693   | EPA APPROVAL OF THE SIGNED FEDERAL FACILITY AGREEMENT MODIFICATION TO ADD SECTIONS XL, DECOMMISSIONING FACILITIES, LI AREA OPERABLE UNITS AND APPENDIX C.5 AREA OPERABLE UNITS, SAVANNAH RIVER SITE, AIKEN, SOUTH        | D. C. Taylor       | B. T. HENNESSEY             |
| ✓013307     | 03/20/20 | SGP-06-191             | 10693   | DOE SUBMITTAL OF THE AREA COMPLETION STRATEGY FOR THE SAVANNAH RIVER SITE (ERD-EN-2005-0084, REVISION 1, MARCH 2006 CLEAN COPY), INCLUDING: RESPONSE TO SCDHEC COMMENTS DATED NOVEMBER 17, 2006.                         | B. T. Hennessey    | D. C. TAYLOR / C. M. GORMAN |
| ✓013308     | 03/01/20 | ERD-EN-2005-008 REV. 1 | 10693   | AREA COMPLETION STRATEGY FOR THE SAVANNAH RIVER SITE (SRS), ERD-EN-2005-0084, REVISION 1 CLEAN COPY, DATED MARCH, 2006                                                                                                   | WSRC               |                             |
| ✓013312     | 03/22/20 | 013312                 | 10693   | SCDHEC APPROVAL OF THE SAVANNAH RIVER SITE, FEDERAL FACILITY AGREEMENT (FFA), APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2006, REVISION 1, (COVER LETTER DATED JANUARY 31, 2006)                                  | C. M. Gorman       | B. T. HENNESSEY             |
| ✓013313     | 03/22/20 | 013313                 | 10693   | SCDHEC APPROVAL OF THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENTS APPENDIX D, TIME TABLES AND DEADLINES FOR FISCAL YEAR 2006 (REVISION 0, DATED MARCH 3, 2006)                                                      | C. M. Gorman       | B. T. HENNESSEY             |
| ✓013315     | 03/20/20 | 013315                 | 10693   | EPA COMMENTS ON THE BACKGROUND SOILS STATISTICAL SUMMARY REPORT FOR THE SAVANNAH RIVER SITE (ERD-EN-2005-0223, REV. 0), DATED MARCH 20, 2006                                                                             | W. T. Ballard      | B. T. HENNESSEY             |

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| ✓013324     | 03/27/20 | SGP-06-136             | 10693   | DOE RE-SUBMITTAL OF THE SAVANNAH RIVER SITE COMMUNITY INVOLVEMENT PLAN, REVISION 4, MARCH 2006 (WSRC-RP-96-120) AND COMMENT RESPONSES, DATED MARCH 27, 2005                                                                      | B. T. Hennessey   | D. C. TAYLOR / C. M. GORMAN |
| ✓013325     | 03/01/20 | WSRC-RP-96-120, REV. 4 | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT COMMUNITY INVOLVEMENT PLAN (U), DATED MARCH, 2006                                                                                                                                 | WSRC              |                             |
| ✓013346     | 04/04/20 | 013346                 | 10693   | SCDHEC COMMENTS ON THE SRS INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN, WSRC-RP-94-1227, REVISION 8, DATED FEBRUARY 17, 2006,                                                                                                    | C. M. Gorman      | B. T. HENNESSEY             |
| ✓013367     | 02/02/20 | CBU-PIT-2006-000       | 10693   | WSRC TRANSMITTAL OF REVISION OF THE INDUSTRIAL WASTEWATER CLOSURE MODULE FOR TANK 19 AND TANK 18 SAVANNAH RIVER SITE, RSM TRACK #: 10667, DATED FEBRUARY 2, 2006                                                                 | Douglas E. Hintze | Barry Mullinax              |
| ✓013376     | 04/20/20 | SGP-06-208             | 10693   | DOE SUBMITTAL OF THE THIRTY (30) DAY NOTIFICATION FOR THE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT (FFA) REVISION 1 APPENDIX C, RCRA/CERCLA UNITS, REVISION 1, APPENDIX G, SITE EVALUATION AREAS, RESPONSES TO THE EPA REGION | Brian Hennessey   | D.C. Taylor / C. M. GORMAN  |
| ✓013389     | 04/21/20 | 013389                 | 10693   | SCDHEC APPROVAL OF THE AREA COMPLETION STRATEGY FOR THE SAVANNAH RIVER SITE (U) (ERD-EN-2005-0084, REV.1 DATED MARCH 21, 2006.                                                                                                   | Charles M. Gorman | B. T. HENNESSEY             |
| ✓013424     | 05/16/20 | SGP-06-219             | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT (FFA) REVISION 1, APPENDIX C, RCRA/CERCLA UNITS, REVISION 1, APPENDIX G, SITE EVALUATION AREAS, RESPONSES TO EPA, REGION 4 AND SCDHEC COMMENTS, AND REVISION 0 APPENIDX          | Brian Hennessey   | D.C. TAYLOR / C. M. GORMAN  |
| ✓013463     | 05/02/20 | WSRC-OS-94-42          | 10693   | FEDERAL FACILITY AGREEMENT MODIFICATION DATED 5/2/06 (WSRC-OS-94-42) - REVISION 0 APPENDIX D FOR FISCAL YEAR 2006 (PRINT DATE 3/20/06) AND REVISION 1, APPENDIX E FOR FISCAL YEAR 2006 (PRINT DATE 1/5/6).                       | WSRC              |                             |
| ✓013539     | 06/05/20 | SGP-06-228             | 10693   | DOE SUBMITTAL ON THE FEDERAL FACILITY AGREEMENT (FFA) REVISION 1, APPENDIX G, SITE EVALUATION AREAS, ENCLOSED WITH COPY OF REVISION 1, APPENDIX G FOR FISCAL YEAR 2006                                                           | B. T. Hennessey   | D. C. Taylor / C. M. Gorman |
| ✓013725     | 08/02/20 | 013725                 | 10693   | EPA APPROVAL OF THE REDLINE VERSION OF THE REVISED SRS RISK ASSESSMENT AND PTSM PROTOCOLS, DATED AUGUST 2, 2006                                                                                                                  | W. Turpin Bullard | B. T. HENNESSEY             |
| ✓013726     | 08/02/20 | 013726                 | 10693   | EPA APPROVAL ON THE SRS RESPONSES TO EPA COMMENTS ON THE BACKGROUND SOILS STATISTICAL SUMMARY REPORT FOR SAVANNAH RIVER SITE (ERD-EN-2005-0223, REVISION 0), DATED AUGUST 2, 2006                                                | W. Turpin Ballard | B. T. HENNESSEY             |
| ✓013728     | 08/03/20 | 013728                 | 10693   | EPA APPROVAL ON THE FISCAL YEAR 2006 FEDERAL FACILITY AGREEMENT (FFA) REVISION 1, APPENDIX C, RCRA/CERCLA UNITS, REVISION 1, APPENDIX G, SITE EVALUATION AREAS, AND REVISION 0 APPENDIX K, D&D FACILITIES, SAVANNAH RIVER        | Ken B. Feely      | B. T. HENNESSEY             |
| ✓013730     | 08/02/20 | 013730                 | 10693   | SCDHEC APPROVAL ON THE SRS INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN, WSRC-RP-94-1227, REVISION 8, JULY 6, 2006                                                                                                                | C. M. Gorman      | B. T. HENNESSEY             |
| ✓013731     | 08/03/20 | 013731                 | 10693   | SCDHEC APPROVAL ON THE FISCAL YEAR 2006 FEDERAL FACILITY AGREEMENT (FFA) APPENDIX C - RCRA/CERCLA UNITS (REVISION 1), APPENDIX G - SITE EVALUATION AREAS (REVISION 1), AND APPENDIX K- D&D FACILITIES (REVISION 0), SAVANNAH     | Charles Gorman    | B. T. HENNESSEY             |
| ✓013740     | 07/24/20 | 013740                 | 10693   | EPA COMMENTS ON THE ECOD P-2, RESPONSE TO PROPOSED REMOVAL ACTION, DATED JULY 24, 2006                                                                                                                                           | Bart Reedy        | B. T. HENNESSEY             |

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|-------------|----------|----------------------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------------------|
| ✓013749     | 08/09/20 | 013749                     | 10693   | SCDHEC APPROVAL OF THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT COMMUNITY INVOLVEMENT PLAN (U), WSRC-RP-96-120, REVISION 5, DATED JULY 2006                                                                                | C. M. Gorman        | B. T. HENNESSEY                 |
| ✓013755     | 08/16/20 | SGP-06-218                 | 10693   | DOE SUBMITTAL ON THE TRANSMITTAL OF THE SAVANNAH RIVER SITE COMMUNITY INVOLVEMENT PLAN, REVISION 5, JULY 2006 (WSRC-RP-96-120) AND SRS COMMENT RESPONSES, DATED AUGUST 16, 2006                                                  | Brian T. Hennessey  | D. C. TAYLOR / C. M. GORMAN     |
| ✓013756     | 07/01/20 | WSRC-RP-96-120, REV. 5     | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT COMMUNITY INVOLVEMENT PLAN (U), (WSRC-RP-96-120, REVISION 5) DATED JULY 2006                                                                                                      | WSRC                |                                 |
| ✓013757     | 08/08/20 | WSRC-OS-94-42              | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT - TABLE OF CONTENTS - REPLACE PAGES i THRU iii, APPENDIX C - REPLACE PAGES C.1-1 THRU C.1-8; REMOVE PAGES C.2-1 THRU C.2-8 AND INSERT PAGES C.2-1 THRU C.2-14; REMOVE PAGES C.3-1 | WSRC                |                                 |
| ✓013765     | 06/01/20 | WSRC-RP-94-122, REV. 8     | 10693   | SAVANNAH RIVER SITE INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN, WSRC-RP-94-1227, REVISION 8, DATED JUNE 2006                                                                                                                    | WSRC                |                                 |
| ✓013856     | 09/18/20 | 013856                     | 10693   | EPA APPROVAL OF THE FINAL REMEDIATION REPORT, ADDENDUM, SAVANNAH RIVER SITE, NPL SITE, SOUTH CAROLINA, DATED SEPTEMBER 18, 2006                                                                                                  | Earl L. Bozeman,Jr. | Brian T. Hennessey              |
| ✓013883     | 09/21/20 | SGP-06-261                 | 10693   | DOE SUBMITTAL ON THE CLEAN COPY OF THE PROTOCOL REVISIONS TO THE SGCP REGULATORY DOCUMENT HANDBOOK (RISK ASSESSMENT AND PTSM PROTOCOLS) (ERD-AG-003, REVISION 16, DATED SEPTEMBER 2006)                                          | Brian T. Hennessey  | D. C. TAYLOR / C. M. GORMAN     |
| ✓013884     | 08/09/20 | ERD-AG-003, REV. 16 9/2006 | 10693   | REPLACEMENT PAGES FOR THE SOIL AND GROUNDWATER CLOSURE PROJECTS DOCUMENT HANDBOOK, PROTOCOLS, P.1.7, P.1.9, P.6.1, P.6.2, P.6.3, P.6.5, P.6.6, AND P.10.1, DATED SEPTEMBER 2006                                                  | WSRC                |                                 |
| ✓013885     | 10/02/20 | 013885                     | 10693   | REFERENCE: SRS DRAFT RESPONSES TO SCDHEC COMMENTS ON THE SRS BACKGROUND SOILS STATISTICAL SUMMARY REPORT FOR SAVANNAH RIVER SITE, (ERD-EN-2003-0223, REVISION 0, SEPTEMBER 18, 2006), DATED OCTOBER 2, 2006                      | Shelia McFalls      | Donald L. Siron                 |
| ✓013893     | 09/26/20 | SGP-06-264                 | 10693   | DOE SUBMITTAL ON THE FEDERAL FACILITY AGREEMENT (FFA) REVISION 0, APPENDIX C, RCRA/CERCLA UNITS, REVISION 0, APPENDIX G, SITE EVALUATION AREAS, AND REVISION 0, APPENDIX K, D&D FACILITIES FOR FISCAL YEAR 2007, DATED SEPTEMBER | Brian T. Hennessey  | D. C. TAYLOR / C. M. GORMAN     |
| ✓013894     | 09/26/20 | M&O-SGW-2006-0             | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITIES AGREEMENT, REVISION 0, FY07, APPENDICES C, G, AND K, (M&O-SGW-2006-00325), DATED SEPTEMBER 26, 2006                                                                                       | WSRC                |                                 |
| ✓013897     | 08/31/20 | 013897                     | 10693   | SCDHEC APPROVAL FOR THE SRS RESPONSE TO COMMENTS ON THE RISK ASSESSMENT AND PTSM PROTOCOLS (ERD-AG-003)                                                                                                                          | Shelia McFalls      | Don Siron                       |
| ✓013898     | 09/28/20 | 013898                     | 10693   | SCDHEC COMMENTS OF THE DESIGNATION OF SCDHEC FEDERAL FACILITY PROJECT MANAGER, IN ACCORDANCE WITH SECTION XXVIII FOR THE SAVANNAH RIVER SITE                                                                                     | Patrick T. Walker   | Yvette Collazo/Kenneth Lapierre |
| ✓013910     | 10/11/20 | 013910                     | 10693   | EPA APPROVAL ON THE REVISION 5, SAVANNAH RIVER SITE COMMUNITY INVOLVEMENT PLAN, DATED JULY 2006                                                                                                                                  | Ken B. Feely        | B. T. HENNESSEY                 |
| ✓013954     | 11/16/20 | SGP-07-111                 | 10693   | DOE SUBMITTAL OF THE 2006 ANNUAL INDICES UPDATE FOR THE SAVANNAH RIVER SITE ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE (WSRC-RP-2006-4066, NOVEMBER 2006)                                                            | Brian Hennessey     | D.C. Taylor / D.L. Siron        |

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|  013955   | 11/01/20 | WSRC-RP-2006-4 | 10693   | 2006 ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY (ARF/IRF) FILE ANNUAL INDICES UPDATE (WSRC-RP-2006-4066, NOVEMBER 2006)                                                                                             | WSRC               |                          |
|  013989   | 11/20/20 | 013989         | 10693   | EPA APPROVAL OF THE ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE NOVEMBER 2006, WSRC-RP-2006-4066, SAVANNAH RIVER SITE, AIKEN, SOUTH CAROLINA                                              | D. C. TAYLOR       | B. T. HENNESSEY          |
|  013991   | 11/09/20 | ESH-WPG-2006-0 | 10693   | REQUEST FOR CERCLA ACCEPTABILITY DETERMINATION FOR THE TRU PAD 26, ESH-WPG-2006--00142, DATED NOVEMBER 9, 2006                                                                                                             | Michele P. Wilson  | Jack Cowart              |
|  013992   | 11/29/20 | SGP-07-106     | 10693   | DOE SUBMITTAL ON THE TRANSMITTAL OF THE FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 2006 (WSRC-RP-2006-4065), DATED NOVEMBER, 2006                                                                   | BRIAN T. HENNESSEY | D.C. TAYLOR/D. L. SIRON  |
|  013993   | 11/01/20 | WSRC-RP-2006-4 | 10693   | FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 2006, WSRC-RP-2006-4065, DATED NOVEMBER 2006                                                                                                             | WSRC               |                          |
|  014004   | 11/15/20 | SGP-07-103     | 10693   | DOE SUBMITTAL ON THE FEDERAL FACILITY AGREEMENT (FFA) REVISION 0, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2007, (PRINT DATE OCTOBER 9, 2006)                                                                     | Brian T. Hennessey | D. C. Taylor/D. L. Siron |
|  014005   | 10/09/20 | 014005         | 10693   | FEDERAL FACILITY AGREEMENT (FFA) REVISION 0, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2007, (PRINT DATE OCTOBER 9, 2006) - (ENCLOSURES 1 THROUGH 4)                                                               | WSRC               |                          |
|  014034   | 12/01/20 | 014034         | 10693   | NEWSPAPER ADVERTISEMENT - (SOUTHEASTERN NEWSPAPERS CORPORATION) AFFIDAVIT OF PUBLICATION ON THE RESOURCE CONSERVATION AND PERMIT MODIFICATION , SECOND NOTICE, DECEMBER 1, 2006                                            | WSRC               |                          |
|  014035   | 12/01/20 | 014035         | 10693   | NEWSPAPER ADVERTISEMENT - (SOUTHEASTERN NEWSPAPERS CORPORATION) AFFIDAVIT OF PUBLICATION ON THE HAZARDOUS WASTE PERMIT MODIFICATION REQUESTED, CLASS 2 NOTICE, DECEMBER 1, 2006                                            | WSRC               |                          |
|  014036   | 11/24/20 | 014036         | 10693   | NEWSPAPER ADVERTISEMENT - (AIKEN STANDARD) - ON THE PERMIT MODIFICATION REQUESTED TO SRS 2000 RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) PART B PERMIT RENEWAL APPLICATION FOR VOLUME II, HAZARDOUS WASTE               | WSRC               |                          |
|  014037 | 12/01/20 | 014037         | 10693   | NEWSPAPER ADVERTISEMENT - (THE STATE) - ON THE HAZARDOUS WASTE PERMIT MODIFICATION REQUESTED, CLASS 2 NOTICE, DECEMBER 1, 2006                                                                                             | WSRC               |                          |
|  014038 | 12/01/20 | 014038         | 10693   | NEWSPAPER ADVERTISEMENT - (THE STATE) - ON THE RESOURCE CONSERVATION AND RECOVERY ACT PERMIT MODIFICATION, SECOND NOTICE, DECEMBER 1, 2006                                                                                 | WSRC               |                          |
|  014043 | 11/14/20 | ESH-EMS-2006-0 | 10693   | IOM - THE SOIL CONTAMINATION AREA WEST OF 421-2D, DATED NOVEMBER 14, 2006, (INCLUDING - RADIOLOGICAL DETERMINATION FOR THE DISPOSITION OF SOIL SAMPLED WEST OF 421-2D, CBU-WMAP-2006-00099, DATED OCTOBER 9, 2006)         | D. V. Osteen       | T. L. McCormick          |
|  014055 | 12/27/20 | 014055         | 10693   | EPA COMMENTS ON THE FEDERAL FACILITY AGREEMENT REVISION 0, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2007 (PRINT DATE OCTOBER 9, 2006), COVER LETTER DATED NOVEMBER 14, 2004, SAVANNAH RIVER SITE, NPL SITE, SOUTH | Dawn C. Taylor     | B. T. HENNESSEY          |
|  014056 | 12/18/20 | SGP-07-112     | 10693   | DOE SUBMITTAL ON THE FISCAL YEAR 2006 (FY06) REMOVAL ACTION REPORT, DATED DECEMBER 18, 2006                                                                                                                                | BRIAN T. HENNESSEY | D. C. TAYLOR/D. L. SIRON |



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|  014080   | 12/29/20 | 014080          | 10693   | SCDHEC COMMENTS ON THE SAVANNAH RIVER SITE, FEDERAL FACILITY AGREEMENT (FFA) REVISION 0, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL 2007, COVER LETTER DATED NOVEMBER 16, 2006                                        | Donald L. Siron   | B. T. HENNESSEY          |
|  014092   | 11/09/20 | ESH-WPG-2006-01 | 10693   | SRS SUBMITTAL ON THE REQUEST FOR CERCLA ACCEPTABILITY DETERMINATION FOR THE TRU PAD 26, ESH-WPG-2006-00142, DATED NOVEMBER 9, 2006                                                                                      | Michele P. Wilson | Jack Cowart              |
|  014093   | 12/18/20 | OESH-07-0051    | 10693   | DOE SUBMITTAL ON THE ENVIRONMENTAL RESTORATION DOCUMENTS (LISTED UNDER ENCLOSURES), OESH-07-0051, DATED DECEMBER 18, 2006                                                                                               | A. B. GOULD       | T. A. ABRAHAMSEN,        |
|  014094   | 12/18/20 | OESH-07-0053    | 10693   | DOE SUBMITTAL ON THE ENVIRONMENTAL RESTORATION DOCUMENTS (LISTED UNDER ENCLOSURES), OESH-07-0053, DATED DECEMBER 18, 2006                                                                                               | A. B. GOULD       | RUSTY JEFFERS            |
|  014097   | 12/18/20 | OESH-07-0052    | 10693   | DOE SUBMITTAL ON THE ENVIRONMENTAL RESTORATION DOCUMENTS (LISTED UNDER ENCLOSURES), OESH-07-0052, DATED DECEMBER 18, 2006                                                                                               | A. B. GOULD       | LARRY HARRLESON          |
|  014098   | 12/18/20 | OESH-07-0050    | 10693   | DOE SUBMITTAL ON THE ENVIRONMENTAL RESTORATION DOCUMENTS (LISTED UNDER ENCLOSURES), OESH-07-0050, DATED DECEMBER 18, 2006                                                                                               | A. B. GOULD       | DR. THOMAS DILLON        |
|  014099   | 12/18/20 | OESH-07-0049    | 10693   | DOE SUBMITTAL ON THE ENVIRONMENTAL RESTORATION DOCUMENTS (LISTED UNDER ENCLOSURES), OESH-07-0049, DATED DECEMBER 18, 2006                                                                                               | A. B. GOULD       | RON AHLE                 |
|  014100   | 12/18/20 | OESH-07-0048    | 10693   | DOE SUBMITTAL ON THE ENVIRONMENTAL RESTORATION DOCUMENTS (LISTED UNDER ENCLOSURES), OESH-07-0048, DATED DECEMBER 18, 2006                                                                                               | A. B. Gould       | Shelly Sherritt          |
|  014101   | 05/05/20 | OESH-06-0118    | 10693   | DOE SUBMITTAL ON THE ENVIRONMENTAL RESTORATION DOCUMENTS (LISTED UNDER ENCLOSURES), OESH-06-0118, DATED MAY 5, 2006                                                                                                     | A. B. Gould       | Shelly Sherritt          |
|  014102   | 05/05/20 | OESH-06-119     | 10693   | DOE SUBMITTAL ON THE ENVIRONMENTAL RESTORATION DOCUMENTS (LISTED UNDER ENCLOSURES), OESH-06-0119, DATED MAY 5, 2006                                                                                                     | A. B. Gould       | Ron Ahle                 |
|  014103 | 05/05/20 | OESH-06-120     | 10693   | DOE SUBMITTAL ON THE ENVIRONMENTAL RESTORATION DOCUMENTS (LISTED UNDER ENCLOSURES), OESH-06-0120, DATED MAY 5, 2006                                                                                                     | A. B. Gould       | Dr. Thomas Dillon        |
|  014104 | 05/05/20 | OESH-06-0121    | 10693   | DOE SUBMITTAL ON THE ENVIRONMENTAL RESTORATION DOCUMENTS (LISTED UNDER ENCLOSURES), OESH-06-0121, DATED MAY 5, 2006                                                                                                     | A. B. Gould       | Thomas A. Abrahamsen,US  |
|  014105 | 05/05/20 | OESH-06-0122    | 10693   | DOE SUBMITTAL ON THE ENVIRONMENTAL RESTORATION DOCUMENTS (LISTED UNDER ENCLOSURES), OESH-06-0122, DATED MAY 5, 2006                                                                                                     | A. B. Gould       | Larry Harleson           |
|  014106 | 05/05/20 | OESH-06-0123    | 10693   | DOE SUBMITTAL ON THE ENVIRONMENTAL RESTORATION DOCUMENTS (LISTED UNDER ENCLOSURES), OESH-06-0123, DATED MAY 5, 2006                                                                                                     | A. B. Gould       | Rusty Jeffers            |
|  014123 | 01/12/20 | SGP-07-128      | 10693   | DOE SUBMITTAL ON THE BACKGROUND SOILS STATISTICAL SUMMARY REPORT FOR THE SAVANNAH RIVER SITE (ERD-EN-2005-0223, REVISION 1.0, DATED OCTOBER 2006), (INCLUDING SCDHEC COMMENTS 2/28/06, EPA COMMENTS 3/20/06, AND SCDHEC | Brian Hennessey   | D. C. Taylor/D. L. Siron |



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| ✓014124     | 10/01/20 | ERD-EN-2005-022<br>REV. 1.0 | 10693   | BACKGROUND SOILS STATISTICAL SUMMARY REPORT FOR THE SAVANNAH RIVER SITE, ERD-EN-2005-0223, REVISION 1.0), DATED OCTOBER 2006                                                                                              | WSRC               |                          |
| ✓014137     | 01/12/20 | 014137                      | 10693   | SCDHEC APPROVAL ON THE ADMINISTRATION RECORD FILE/INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE (VOL. 1&2), WSRC-RP-2006-4066, DATED NOVEMBER 21, 2006                                                                | Donald L.Siron     | B. T. HENNESSEY          |
| ✓014140     | 12/01/20 | 014140                      | 10693   | NEWSPAPER ADVERTISEMENT - (AIKEN STANDARD) - ON THE SCDHEC MODIFICATION TO SRS 2000 RESOURCE CONSERVATION AND RECOVER ACT (RCRA) PART B PERMIT RENEWAL APPLICATION FOR VOLUME I, DATED DECEMBER 1, 2006                   | WSRC               |                          |
| ✓014261     | 05/23/20 | 014261                      | 10693   | SRS RESPONSES TO USEPA AND SCDHEC COMMENTS ON SRS BACKGROUND SOILS STUDY, REVISION 0, (ERD-EN-2005-0223, REVISION 0) DATED MAY 23, 2006                                                                                   | WSRC               |                          |
| ✓014262     | 08/31/20 | 014262                      | 10693   | SCDHEC COMMENTS ON THE BACKGROUND SOILS STATISTICAL SUMMARY REPORT FOR THE SAVANNAH RIVER SITE, ERD-EN-2005-0223, REVISION 0, DATED JANUARY 2006                                                                          | Shelia McFalls     | D. L. Siron              |
| ✓014263     | 09/18/20 | 014263                      | 10693   | SRS DRAFT RESPONSES TO SCDHEC COMMENTS ON THE SRS BACKGROUND SOILS STATISTICAL SUMMARY REPORT, ERD-EN-2003-0223, REVISION 0, DATED SEPTEMBER 18, 2006                                                                     | Shelia McFalls     | C. M. Gorman             |
| ✓014264     | 10/02/20 | 014264                      | 10693   | SCDHEC APPROVAL FOR SRS DRAFT RESPONSES TO SCDHEC COMMENTS ON THE SRS BACKGROUND SOILS STATISTICAL SUMMARY REPORT                                                                                                         | Shelia McFalls     | G. C. Simones            |
| ✓014265     | 01/31/20 | SGP-07-131                  | 10693   | DOE SUBMITTAL ON THE FEDERAL FACILITY AGREEMENT (FFA) REVISION 1, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2007 (PRINT DATE 1/9/2007)                                                                            | BRIAN T. HENNESSEY | D.C. TAYLOR/D.L. SIRON   |
| ✓014266     | 01/31/20 | 014266                      | 10693   | SCDHEC COMMENTS ON THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX C RCRA/CERCLA UNITS REVISION 0 APPENDIX G SITE EVALUATION AREAS AND REVISION 0 APPENDIX K D&D FACILITIES FOR FISCAL YEAR        | Donald L. Siron    | B. T. HENNESSEY          |
| ✓014338     | 02/12/20 | SGP-07-134                  | 10693   | DOE SUBMITTAL ON THE PROPOSED AGENDA FOR SITE EVALUATION PROGRAM PATH FORWARD MEETING, THE SITE EVALUATION PROGRAM STRATEGY FOR INSTITUTIONAL CONTROLS, AND THE SITE LOCATION MAP/CHARACTERIZATION DATA FOR EARLY         | Brian T. Hennessey | D.C. Taylor/D.L. Siron   |
| ✓014339     | 02/05/20 | 014339                      | 10693   | SCDHEC COMMENTS ON THE SAVANNAH RIVER SITE MIXED WASTE MANAGEMENT FACILITY, AIKEN COUNTY, SC 1 890 008 989, PROPOSED ASSESSMENT WELLS FOR SEMI-ANNUAL SAMPLING AT MIXED WASTE MANAGEMENT FACILITY, SOUTHWEST              | Kim D. Tappa       | Mary A. Flora            |
| ✓014345     | 02/14/20 | 014345                      | 10693   | DOE SUBMITTAL ON THE ACTION MEMORANDUM FOR THE NON-TIME CRITICAL REMOVAL (NTR) ACTION FOR DECOMMISSIONING OF OUTSIDE FACILITIES, 211-F, INCLUDING: RESPONSES TO STAKEHOLDER COMMENTS, DATED FEBRUARY 14, 2007             | Brian Hennessey    | D. C. Taylor/D. L. Siron |
| ✓014351     | 02/06/20 | SGP-07-136                  | 10693   | DOE SUBMITTAL ON THE CORRECTED APPENDIX PAGES FOR THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT COMMUNITY INVOLVEMENT PLAN (CIP), REVISION 5, WSRC-RP-96-120, 7/2006, DATED FEBRUARY 6, 2007                         | Brian Hennessey    | D.C. Taylor/D. L. Siron  |
| ✓014352     | 07/01/20 | WSRC-RP-96-120,<br>REV. 5   | 10693   | REPLACEMENT PAGES 57 AND 58 FOR THE SAVANNAH RIVER SITE, COMMUNITY INVOLVEMENT PLAN, WSRC-RP-96-120, REVISION 5, DATED JULY 2006                                                                                          | WSRC               |                          |
| ✓014362     | 02/26/20 | SGP-07-004                  | 10693   | DOE SUBMITTAL ON THE NOTICE OF UNACCEPTABILITY FOR ALL COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT (CERCLA) OFF-SITE RULE UNITS, SAVANNAH RIVER SITE (SRS), AIKEN, SOUTH CAROLINA, (YOUR LETTER, | Jeffery M.Allison  | James I. Palmer          |

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|-------------|----------|-----------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------|
| ✓014369     | 02/27/20 | 014369          | 10693   | SCDHEC APPROVAL OF THE SAVANNAH RIVER SITE, FEDERAL FACILITY AGREEMENT (FFA) REVISION 1, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2007, COVER LETTER DATED JANUARY 31, 2007.                                          | Donald L. Siron                         | B. T. HENNESSEY         |
| ✓014392     | 04/12/20 | ESH-FSS-2002-00 | 10693   | SITE ID # 01861 RELEASE INVESTIGATION REPORT FOR D-AREA PETROLEUM PRODUCT WSRC RELEASE SITE NEAR D-006 OUTFALL                                                                                                                 |                                         |                         |
| ✓014394     | 03/12/20 | 014394          | 10693   | EPA APPROVAL ON THE FEDERAL FACILITY AGREEMENT REVISION 1, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2007 (PRINT DATE 1/9/2007), COVER LETTER DATED JANUARY 31, 2007, SAVANNAH RIVER SITE, NPL SITE, SOUTH CAROLINA    | D. C. TAYLOR                            | B. T. HENNESSEY         |
| ✓014405     | 04/02/20 | WSRC-RP-98-412  | 10693   | LAND USE CONTROL ASSURANCE PLAN FOR THE SAVANNAH RIVER SITE (WSRC-RP-98-4125, REV.1.1)(UPDATED 4/2/2007).                                                                                                                      | WSRC                                    |                         |
| ✓014406     | 03/16/20 | 014406          | 10693   | DOE SUBMITTAL OF COMMENTS FOR THE EPA NOTICE OF UNACCEPTABILITY FOR ALL CERCLA OFF-SITE RULE UNITS                                                                                                                             | Brenda Hays                             | Mike Griffith           |
| ✓014413     | 03/12/20 | WSRC-OS-94-42   | 10693   | SAVANNAH RIVER SITE FEDERAL AGREEMENT - REMOVE PAGE 9 - MODIFICATION RECORD, INSERT - PAGE 9 (INCLUDES 3/12/2007 RECORD), REMOVE - APPENDIX 3 - PAGES E-1-1 THROUGH E-1-5 (01/05/2006, UPDATED 07/27/2006), INSERT PAGES E-1-1 | WSRC                                    |                         |
| ✓014429     | 08/01/20 | 014429          | 10693   | TOXICOLOGICAL PROFILE FOR ZINC (UPDATE) DATED AUGUST 2005                                                                                                                                                                      | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                         |
| ✓014431     | 08/01/20 | 014431          | 10693   | TOXICOLOGICAL PROFILE FOR TIN AND TIN COMPOUNDS (UPDATE) DATED AUGUST 2005                                                                                                                                                     | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                         |
| ✓014432     | 08/01/20 | 014432          | 10693   | TOXICOLOGICAL PROFILE FOR NICKEL (UPDATE) DATED AUGUST 2005                                                                                                                                                                    | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                         |
| ✓014433     | 08/01/20 | 014433          | 10693   | TOXICOLOGICAL PROFILE FOR NAPHTHALENE, 1-METHYLNAPHTHALENE, AND 2-METHYLNAPHTHALENE (UPDATE) DATED AUGUST 2005                                                                                                                 | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                         |
| ✓014434     | 08/01/20 | 014434          | 10693   | TOXICOLOGICAL PROFILE FOR ALPHA-, BETA-, GAMMA-, AND DELTA-HEXACHLOROCYCLOHEXANES (UPDATE) DATED AUGUST 2005                                                                                                                   | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                         |
| ✓014436     | 08/01/20 | 014436          | 10693   | TOXICOLOGICAL PROFILE FOR BROMOFORM AND DIBROMOCHLOROMETHANE (UPDATE) DATED AUGUST 2005                                                                                                                                        | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                         |
| ✓014439     | 04/11/20 | 014439          | 10693   | EPA COMMENTS ON THE DESIGNATION OF EPA FEDERAL FACILITY AGREEMENT PROJECT MANAGER, SAVANNAH RIVER SITE, AIKEN, SOUTH CAROLINA.                                                                                                 | ARTHUR COLLINS                          | B.T. HENNESSEY/D. SIRON |
| ✓014445     | 04/04/20 | 014445          | 10693   | NEWSPAPER ADVERTISEMENT - (THE STATE) - ON THE PERMIT MODIFICATION REQUESTED FOR TRANSURANIC WASTE STORAGE PADS FACILITY                                                                                                       | WSRC                                    |                         |
| ✓014457     | 03/29/20 | ESH-WPG-2007-0  | 10693   | SRS COMMENTS ON THE EXTENSION REQUEST FOR SRS TREATMENT, STORAGE, AND DISPOSAL UNITS, (ESH-WPG-2007-00039), DATED MARCH 29, 2007                                                                                               | M.P. WILSON                             | JACK COWART             |

| Catalog Num | Date     | Doc Number     | Track # | Title                                                                                                                                                                                                                                                       | Author                                  | Addressee                   |
|-------------|----------|----------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------|
| ✓014458     | 04/12/20 | 014458         | 10693   | EPA E-MAIL APPROVAL FOR CONTINUED USAGE OF SRS CERCLA WASTE FACILITIES (E-AREA TRUPADS 3,4,5,6,7-10, 23,24, E-Area Vaults, F&H Effluent Treatment Facilities (ETF), M-1 Air Stripper, Storage Buildings 643-29E, 643-43E, 645-2N, 645-4N, 645-N and Storage | MIKE GRIFFITH / M.P. WILSON             | JACK COWART                 |
| ✓014459     | 03/16/20 | 014459         | 10693   | DOE SUBMITTAL - E-MAIL - THE DEPARTMENT OF ENERGY, SAVANNAH RIVER OPERATIONS OFFICE, MAJOR COMMENTS TO THE ENVIRONMENTAL PROTECTION AGENCY REGION 4, FEBRUARY 16,2007, NOTICE OF UNACCEPTABILITY FOR ALL                                                    | BRENDA HAYS                             | MIKE GRIFFITH               |
| ✓014460     | 10/16/20 | 014460         | 10693   | SCDHEC MEMO - NO DEFICIENCY NOTICE FOR THE RCRA COMPLIANCE EVALUATION INSPECTION (EPA I.D. # SC1 890 008 989)                                                                                                                                               | J. M. BURCKHALTER                       | A.B. GOULD/P.J. BREIDENBACH |
| ✓014532     | 02/16/20 | 014532         | 10693   | EPA COMMENTS ON THE EPA NOTICE OF UNACCEPTABILITY FOR ALL CERCLA OFF-SITE RULE UNITS SAVANNAH RIVER SITE, AIKEN, S.C.                                                                                                                                       | J.I. PALMER                             | JEFF ALLISON                |
| ✓014542     | 08/01/20 | SGW-2007-00004 | 10693   | SCDHEC 2006 BUREAU OF AIR QUALITY INSPECTION OF SAVANNAH RIVER SITE, SGW-2007-00004                                                                                                                                                                         | DAWN M. JORDAN                          |                             |
| ✓014546     | 05/03/20 | SGP-07-140     | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT (FFA) REVISION 1, APPENDIX C, RCRA/CERCLA UNITS, REVISION 1, APPENDIX G, SITE AREAS, REVISION 1, APPENDIX K, D&D FACILITY FOR FISCAL YEAR 2007, AND RESPONSES TO COMMENTS                                   | BRIAN HENNESSEY                         | R.H. POPE/D.L. SIRON        |
| ✓014569     | 05/15/20 | SGP-07-176     | 10693   | DOE SUBMITTAL OF THE TRANSMITTAL OF THE CORRECTED FEDERAL AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 2006 (WSRC-RP-2006-4065, DATED NOVEMBER 2006)                                                                                                    | BRIAN HENNESSEY                         | D.L. SIRON/R.H. POPE        |
| ✓014570     | 11/01/20 | WSRC-RP-2006-4 | 10693   | FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 2006 WSRC-RP-2006-4065 DATED NOVEMBER 2006                                                                                                                                                | WSRC                                    |                             |
| ✓014589     | 05/11/20 | 014589         | 10693   | EPA EXTENSION OF EFFECTIVE DATE FOR THE NOTICE OF UNACCEPTABILITY (NOU) FOR CERCLA OFF-SITE RUL SAVANNAH RIVER SITE, AIKEN, SOUTH CAROLINA                                                                                                                  | J. I. PALMER                            | JEFF ALLISON                |
| ✓014667     | 06/08/20 | 014667         | 10693   | SCDHEC COMMENTS ON THE SAVANNAH RIVER SITE MIXED WASTE MANAGEMENT FACILITY, AIKEN COUNTY, SC 1 890 008 989. PROPOSED MONITORING WELLS FOR APPENDIX IX AND GWPS SAMPLING AT THE MIXED WASTE MANAGEMENT FACILITY                                              | KIM D. TAPPA                            | MARY FLORA                  |
| ✓014681     | 06/19/20 | 014681         | 10693   | SCDHEC APPROVAL OF THE SAVANNAH RIVER SITE, FEDERAL FACILITY AGREEMENT (FFA) REVISION 1, APPENDIX C, RCRA/CERCLA UNITS; REVISION 1, APPENDIX G, SITE EVALUATION AREA; REVISION 1, APPENDIX K, D&D FACILITIES FOR FISCAL YEAR 2007,                          | DONALD SIRON                            | B. T. HENNESSEY             |
| ✓014696     | 09/01/20 | 014696         | 10693   | TOXICOLOGICAL PROFILE FOR - DRAFT ALUMINUM (UPDATE), DATED SEPTEMBER 2006                                                                                                                                                                                   | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                             |
| ✓014698     | 09/01/20 | 014698         | 10693   | TOXICOLOGICAL PROFILE FOR - DRAFT DIZAINON (UPDATE), DATED SEPTEMBER 2006                                                                                                                                                                                   | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                             |
| ✓014699     | 09/01/20 | 014699         | 10693   | TOXICOLOGICAL PROFILE FOR - DRAFT DICHLOROPROPENES (UPDATE), SEPTEMBER 2006                                                                                                                                                                                 | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                             |
| ✓014700     | 09/01/20 | 014700         | 10693   | TOXICOLOGICAL PROFILE FOR - DRAFT GUTHION (UPDATE), DATED SEPTEMBER 2006                                                                                                                                                                                    | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                             |

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|  014701   | 09/01/20 | 014701     | 10693   | TOXICOLOGICAL PROFILE FOR - DRAFT PHENOL (UPDATE), DATED SEPTEMBER 2006                                                           | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |           |
|  014702   | 09/01/20 | 014702     | 10693   | TOXICOLOGICAL PROFILE FOR - ACROLEIN (UPDATE), DATED SEPTEMBER 2006                                                               | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |           |
|  014703   | 09/01/20 | 014703     | 10693   | TOXICOLOGICAL PROFILE FOR - DRAFT ARSENIC (UPDATE), DATED SEPTEMBER 2006                                                          | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |           |
|  014704   | 09/01/20 | 014704     | 10693   | TOXICOLOGICAL PROFILE FOR - DRAFT BARIUM (UPDATE), DATED SEPTEMBER 2006                                                           | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |           |
|  014705   | 09/01/20 | 014705     | 10693   | TOXICOLOGICAL PROFILE FOR - DRAFT BENZENE (UPDATE), DATED SEPTEMBER 2006                                                          | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |           |
|  014706   | 09/01/20 | 014706     | 10693   | TOXICOLOGICAL PROFILE FOR - DRAFT HEPTACHLOR AND HEPTACHLOR EPOXIDE (UPDATE), DATED SEPTEMBER 2006                                | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |           |
|  014707   | 09/01/20 | 014707     | 10693   | TOXICOLOGICAL PROFILE FOR - DRAFT LEAD (UPDATE), DATED SEPTEMBER 2006                                                             | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |           |
|  014708   | 09/01/20 | 014708     | 10693   | TOXICOLOGICAL PROFILE FOR - DRAFT PERCHLORATES - DATED SEPTEMBER 2006                                                             | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |           |
|  014710   | 09/01/20 | 014710     | 10693   | TOXICOLOGICAL PROFILE FOR - DRAFT XYLENES (UPDATE), DATED SEPTEMBER 2006                                                          | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |           |
|  014711   | 07/01/20 | 014711     | 10693   | TOXICOLOGICAL PROFILE FOR - CYANIDE (UPDATE), DATED JULY 2006                                                                     | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |           |
|  014712 | 08/01/20 | 014712     | 10693   | TOXICOLOGICAL PROFILE FOR - DICHLOOROBENZENES (UPDATE) AUGUST 2006                                                                | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |           |
|  014713 | 07/01/20 | 014713     | 10693   | TOXICOLOGICAL PROFILE FOR - 1,4-DIOXANE (UPDATE), DATED JULY 2006                                                                 | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |           |
|  014714 | 07/01/20 | 014714     | 10693   | TOXICOLOGICAL PROFILE FOR - HYDROGEN SULFIDE (UPDATE), DATED JULY 2006                                                            | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |           |
|  014716 | 07/01/20 | 014716     | 10693   | TOXICOLOGICAL PROFILE FOR - VINYL CHLORIDE (UPDATE), JULY 2006                                                                    | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |           |
|  014724 | 07/03/20 | 014724     | 10693   | NEWSPAPER ADVERTISEMENT - (THE STATE) - ON THE CLASS 2 NOTICE - HAZARDOUS WASTE PERMIT MODIFICATION REQUESTED, DATED JULY 3, 2007 | WSRC                                    |           |

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| ✓014727     | 07/04/20 | 014727          | 10693   | NEWSPAPER ADVERTISEMENT - (THE PEOPLE SENTINEL) - ON THE CLASS 2 NOTICE - HAZARDOUS WASTE PERMIT MODIFICATION REQUESTED, DATED JULY 4, 2007                                       | WSRC            |                      |
| ✓014743     | 07/18/20 | ACP-07-198      | 10693   | DOE SUBMITTAL OF THE NOTIFICATION OF DISCOVERY OF NEWLY IDENTIFIED WASTE AREA                                                                                                     | BRIAN HENNESSEY | R.H. POPE/D.L. SIRON |
| ✓014749     | 07/12/20 | 014749          | 10693   | EPA MEMO (FROM POPE TO HENNESSEY), ENCLOSING THE TREATABILITY STUDY WORK PLAN FOR EDIBLE OIL DEPLOYMENT FOR ENHANCED CVOC ATTENUATION FOR T-AREA, SAVANNAH RIVER SITE, MARCH 2007 | ROBERT POPE     | B. T. HENNESSEY      |
| ✓014759     | 03/21/20 | WSRC-MS-2007-0  | 10693   | SUMMARY OF UNITS APPROVED UNDER THE CERCLA OFF-SITE RULE, WSRC-MS-2007-00060, DATED MARCH 21, 2007                                                                                | WSRC            |                      |
| ✓014760     | 03/01/20 | 014760          | 10693   | COMMERCIAL LOW-LEVEL RADIOACTIVE WASTE DISPOSAL IN SOUTH CAROLINA, A PUBLICATION OF THE SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL, DATED MARCH 1, 2007        | WSRC            |                      |
| ✓014761     | 01/15/86 | 014761          | 10693   | LOW-LEVEL RADIOACTIVE WASTE POLICY ACT, AMENDED, DATED JANUARY 15, 1986                                                                                                           | WSRC            |                      |
| ✓014763     | 05/17/20 | ERD-EN-2007-009 | 10693   | PRESENTATION - CA MONITORING PLAN, ERD-EN-2007-0092, DATED MAY 17, 2006                                                                                                           | WSRC            |                      |
| ✓014765     | 05/16/20 | WSRC-MS-2006-0  | 10693   | PRESENTATION - LOW-LEVEL WASTE PERFORMANCE ASSESSMENT AND COMPOSITE ANALYSIS CITIZENS ADVISORY BOARD WASTE MANAGEMENT COMMITTEE, WSRC-MS-2006-00234, DATED MAY 16, 2006           | WSRC            |                      |
| ✓014768     | 03/22/20 | WSRC-MS-2007-0  | 10693   | PRESENTATION TO EPA CONCERNING THE OFF-SITE RULE, WSRC-MS-2007-00059, REV. 1, DATED MARCH 22, 2007                                                                                | WSRC            |                      |
| ✓014769     | 05/20/20 | WSRC-MS-2005-0  | 10693   | PRESENTATION - PERFORMANCE ASSESSMENT/COMPOSITE ANALYSIS, EPA/SCDHEC MEETING ON SRS LLW DISPOSAL PROGRAM, WSRC-MS-2005-00324, DATED MAY 20, 2005                                  | WSRC            |                      |
| ✓014770     | 05/20/20 | WSRC-MS-2005-0  | 10693   | PRESENTATION - SAVANNAH RIVER SITE WASTE CERTIFICATION PROGRAM, WSRC-MS-2005-00325                                                                                                | WSRC            |                      |
| ✓014771     | 05/20/20 | WSRC-MS-2005-0  | 10693   | PRESENTATION - E-AREA LOW-LEVEL WASTE FACILITY DISPOSAL AUTHORIZATION STATEMENT, PERFORMANCE ASSESSMENT AND COMPOSITE ANALYSIS, WSRC-MS-2005-00326, DATED MAY 20, 2005            | WSRC            |                      |
| ✓014772     | 05/20/20 | WSRC-MS-2005-0  | 10693   | PRESENTATION - E-AREA LOW-LEVEL WASTE FACILITY PUBLIC INVOLVEMENT, WSRC-MS-2005-00328, DATED MAY 20, 2005                                                                         | WSRC            |                      |
| ✓014773     | 05/20/20 | WSRC-MS-2005-0  | 10693   | PRESENTATION - WASTE INFORMATION TRACKING SYSTEM (WITS), WSRC-MS-2005-00331, DATED MAY 20, 2005                                                                                   | WSRC            |                      |
| ✓014774     | 05/20/20 | WSRC-MS-2005-0  | 10693   | PRESENTATION - COMPARISON OF VZMS DATA TO MODEL PREDICTIONS, WSRC-MS-2005-00333, DATED MAY 20, 2005                                                                               | WSRC            |                      |

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| 014775      | 05/20/20 | WSRC-RP-2000-01           | 10693   | PRESENTATION - E-AREA LLWF CLOSURE PLAN OVERVIEW, WSRC-RP-2000-00425(S), DATED MAY 20, 2005                                                                                                                    | WSRC                    |                      |
| 014776      | 05/20/20 | WSRC-MS-2005-01           | 10693   | PRESENTATION - THE SAVANNAH RIVER SITE PA MONITORING PLAN AND VADOSE ZONE MONITORING SYSTEM, WSRC-MS-2005-00327, DATED MAY 20, 2005                                                                            | WSRC                    |                      |
| 014777      | 05/01/20 | WSRC-RP-2000-01<br>REV. 4 | 10693   | CLOSURE PLAN FOR THE E-AREA LOW-LEVEL WASTE FACILITY, WSRC-RP-2000-00425, REVISION 4, DATED MAY 2004                                                                                                           | WSRC                    |                      |
| 014778      | 07/27/20 | ERD-EN-2007-009           | 10693   | RESPONSE TO EPA REGION 4, QUESTIONS CONCERNING WASTE DISPOSAL IN SRS TRENCHES, ERD-EN-2007-0094                                                                                                                | WSRC                    |                      |
| 014779      | 07/02/20 | BEDL-03-003               | 10693   | MEMORANDUM FROM CHEM-NUCLEAR SYSTEMS, LLC, INCLUDING: ENVIRONMENTAL RADIOLOGICAL PERFORMANCE VERIFICATION OF THE BARNWELL WASTE DISPOSAL FACILITY SUMMARY, BEDL-03-003, JULY 2, 2003                           | WILLIAM B. HOUSE        | HENRY PORTER         |
| 014780      | 10/09/20 | SGW-2007-00008            | 10693   | EPA DISTRIBUTION OF MEMORANDUM OF UNDERSTANDING BETWEEN EPA AND THE NUCLEAR REGULATORY COMMISSION, SGW-2007-00008, DATED OCTOBER 9, 2002                                                                       | MICHAEL B. COOK         | ADDRESSEES           |
| 014781      | 06/01/20 | NUREG-1573                | 10693   | MANUSCRIPT - A PERFORMANCE ASSESSMENT METHODOLOGY FOR LOW-LEVEL RADIOACTIVE WASTE DISPOSAL FACILITIES: RECOMMENDATIONS OF NRC'S PERFORMANCE ASSESSMENT WORKING GROUP, NUREG-1573, DATED JUNE 2000              | U.S. NUCLEAR REG. COMM. |                      |
| 014788      | 07/31/20 | ACP-07-209                | 10693   | DOE SUBMITTAL OF THE THIRD FIVE-YEAR REMEDY REVIEW SCHEDULE                                                                                                                                                    | BRIAN HENNESSEY         | R.H. POPE/D.L. SIRON |
| 014801      | 08/24/20 | 014801                    | 10693   | SCDHEC APPROVAL OF THE THIRD FIVE-YEAR REMEDY REVIEW SCHEDULE DATED JULY 23, 2007, (DOE LETTER HENNESSEY TO SIRON AND POPE, DATED JULY 31, 2007)                                                               | DONALD SIRON            | B. T. HENNESSEY      |
| 014802      | 08/17/20 | 014802                    | 10693   | EPA APPROVAL OF THE THIRD FIVE-YEAR REMEDY REVIEW SCHEDULE DATED JULY 23, 2007, (DOE LETTER HENNESSEY TO SIRON AND POPE, DATED JULY 31, 2007), SAVANNAH RIVER SITE, AIKEN, SOUTH CAROLINA                      | ROBERT POPE             | B. T. HENNESSEY      |
| 014806      | 08/22/20 | ACP-07-2007               | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX D, TIMETABLES AND DEADLINES FOR FISCAL YEAR 2007 (PRINT DATE 07/24/2007)                                                                   | BRIAN HENNESSEY         | R.H. POPE/D.L. SIRON |
| 014807      | 07/24/20 | 014807                    | 10693   | SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX D, TIMETABLES AND DEADLINES FOR FISCAL YEAR 2007 (PRINT DATE 07/24/2007)                                                                       | WSRC                    |                      |
| 014823      | 08/22/20 | 014823                    | 10693   | NEWSPAPER ADVERTISEMENT - (THE PEOPLE SENTINEL) - ON THE SCDHEC CLASS 2 PERMIT MODIFICATIONS PROPOSING ALTERNATE METHODS FOR THE ANALYSIS OF MANY RADIONUCLIDES AND DELETES THE RESOURCE CONSERVATION RECOVERY | WSRC                    |                      |
| 014836      | 09/21/20 | 014836                    | 10693   | EPA APPROVAL OF THE SAVANNAH RIVER SITE, FEDERAL FACILITY AGREEMENT (FFA), REVISION 1, APPENDIX D, TIMETABLES AND DEADLINES FOR FISCAL YEAR 2007 (PRINT DATE 9/12/2007), DATED SEPTEMBER 20, 2006              | ROBERT POPE             | B. T. HENNESSEY      |
| 014838      | 08/15/20 | WDPD-07-043               | 10693   | DOE SUBMITTAL OF THE INADVERTENT DISPOSAL OF TRU WASTE IN THE E-AREA TRENCHES,                                                                                                                                 | W. P. SPADER            | ROBERT POPE          |

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| ✓014839     | 09/20/20 | ACP-07-223     | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT, REVISION 1, APPENDIX D, TIMETABLES AND DEADLINES FOR FISCAL YEAR 2007 (PRINT DATE 09/12/2007)                                                                                   | BRIAN HENNESSEY | R.H. POPE/D.L. SIRON |
| ✓014847     | 09/24/20 | 014847         | 10693   | SCDHEC APPROVAL OF THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT, REVISION 1, APPENDIX D, TIMETABLES AND DEADLINES FOR FISCAL YEAR 2007 (PRINT DATE 9/12/2007), DATED SEPTEMBER 20, 2007                                    | DONALD SIRON    | BRIAN HENNESSEY      |
| ✓014850     | 09/26/20 | 014850         | 10693   | EPA COMMENTS ON THE INADVERTENT DISPOSAL OF TRU (TRANSURANIC) WASTE IN THE E-AREA TRENCHES (DOE-SR LETTER OF AUGUST 15, 2007)                                                                                                    | ANNIE GODFREY   | WILLIAM SPADER       |
| ✓014858     | 09/24/20 | ACP-07-203     | 10693   | DOE SUBMITTAL OF THE PROPOSED MODIFICATION TO THE SRS FEDERAL FACILITY AGREEMENT TO REMOVE THE SRL MIXED WASTE STORAGE TANKS FROM APPENDIX H AND ADD TO APPENDIX C                                                               | BRIAN HENNESSEY | R.H. POPE/D.L. SIRON |
| ✓014860     | 10/04/20 | ACP-07-0168    | 10693   | DOE SUBMITTAL OF THE PROPOSED MODIFICATION TO THE SAVANNAH RIVER SITE (SRS) FEDERAL FACILITY AGREEMENT (FFA) TO INCORPORATE RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) SOLID WASTE MANAGER UNITS (SWMUs),                     | BRIAN HENNESSEY | R.H. POPE/D.L. SIRON |
| ✓014871     | 10/02/20 | WSRC-OS-94-42  | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT - REVISION 1, APPENDIX D FOR FISCAL YEAR 2007 - REMOVE PAGES D-1 THROUGH D-6 AND REPLACE WITH PAGES D-1 THROUGH D-7, DATED OCTOBER 2, 2007, AND RECORD MODIFICATION               | WSRC            |                      |
| ✓014872     | 10/12/20 | ACP-08-103     | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT (FFA) REVISION 1 APPENDIX C, RCRA/CERCLA UNITS FOR FISCAL YEAR 2008                                                                                                              | BRIAN HENNESSEY | R.H. POPE/D.L. SIRON |
| ✓014882     | 10/19/20 | 014882         | 10693   | EPA SUBMITTAL OF THE APPROVED FEDERAL FACILITY AGREEMENT (FFA) PROPOSED MODIFICATION TO THE SRS FFA TO REMOVE THE SRL MIXED WASTE STORAGE TANKS FROM APPENDIX H AND ADD TO APPENDIX C                                            | ROBERT POPE     | B. T. HENNESSEY      |
| ✓014899     | 10/30/20 | ACP-08-108     | 10693   | DOE SUBMITTAL OF THE EXTENSION REQUEST FOR SUBMITTAL OF THE REVISION 0, APPENDIX E, FOR FISCAL YEAR 2008                                                                                                                         | BRIAN HENNESSEY | R.H. POPE/D.L. SIRON |
| ✓014904     | 06/20/20 | 014904         | 10693   | EPA APPROVAL OF THE SAVANNAH RIVER SITE, FEDERAL FACILITY AGREEMENT (FFA), REVISION 1, APPENDIX C, RCRA/CERCLA UNITS; REVISION 1, APPENDIX G, SITE EVALUATION AREA; REVISION 1, APPENDIX K, D&D FACILITIES FOR FISCAL YEAR 2007, | R.H. POPE       | B. T. HENNESSEY      |
| ✓014941     | 11/20/20 | ACP-08-114     | 10693   | DOE SUBMITTAL OF THE 2007 ANNUAL INDICES UPDATE FOR THE SAVANNAH RIVER SITE ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE                                                                                               | BRIAN HENNESSEY | R.H. POPE/D.L. SIRON |
| ✓014942     | 11/01/20 | WSRC-RP-2007-4 | 10693   | (WSRC-RP-2007-4077, DATED NOVEMBER 2007)<br>2007 ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE, DATED NOVEMBER 2007                                                                               | WSRC            |                      |
| ✓014952     | 11/15/20 | ACP-08-116     | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT (FFA), REVISION 0, APPENDIX E, LONG TERM PROJECTIONS FOR FISCAL YEAR 2008 (PRINT DATE NOVEMBER 8, 2007)                                                                          | BRIAN HENNESSEY | R.H. POPE/D.L. SIRON |
| ✓014957     | 11/15/20 | 014957         | 10693   | EPA COMMENT ON THE EXTENSION REQUEST FOR SUBMITTAL OF THE REVISION 0, APPENDIX E FOR FISCAL YEAR 2008 (HENNESSEY TO SIRON AND POPE, DATED OCTOBER 30, 2007), SAVANNAH RIVER SITE, AIKEN, SOUTH CAROLINA                          | ROBERT POPE     | B. T. HENNESSEY      |
| ✓014979     | 03/24/20 | 014979         | 10693   | SAVANNAH RIVER SITE, FEDERAL FACILITY AGREEMENT MODIFICATION OF SECTION IV. RCRA/CERCLA INTEGRATION AND X. SITE EVALUATION(s)                                                                                                    | WSRC            |                      |



| Catalog Num | Date     | Doc Number     | Track # | Title                                                                                                                                                                                                                           | Author                                  | Addressee            |
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| ✓014980     | 11/16/20 | WSRC-OS-94-42  | 10693   | SAVANNAH RIVER SITE FEDERAL AGREEMENT - REMOVE PAGES i THROUGH iii (DATED AUGUST 8, 2006), INSERT PAGES i THROUGH iii (DATED NOVEMBER 13, 2007), REMOVE PAGES 11 THROUGH 22 (DATED OCTOBER 2, 1996), INSERT PAGES 11 THROUGH 22 | WSRC                                    |                      |
| ✓014982     | 09/01/20 | 014982         | 10693   | TOXICOLOGICAL PROFILE FOR - CHLORINE - DRAFT FOR PUBLIC COMMENT - (UPDATED) - SEPTEMBER 2007                                                                                                                                    | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                      |
| ✓014983     | 09/01/20 | 014983         | 10693   | TOXICOLOGICAL PROFILE FOR - 1,4-DIOXANE - DRAFT FOR PUBLIC COMMENT - (UPDATED) - SEPTEMBER 2007                                                                                                                                 | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                      |
| ✓014984     | 09/01/20 | 014984         | 10693   | TOXICOLOGICAL PROFILE FOR - ETHYLBENZENE - DRAFT FOR PUBLIC COMMENT - (UPDATED) - SEPTEMBER 2007                                                                                                                                | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                      |
| ✓014985     | 09/01/20 | 014985         | 10693   | TOXICOLOGICAL PROFILE FOR - ETHYLENE GLYCOL - DRAFT FOR PUBLIC COMMENT - (UPDATED) - SEPTEMBER 2007                                                                                                                             | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                      |
| 014986      | 09/01/20 | 014986         | 10693   | TOXICOLOGICAL PROFILE FOR - PLUTONIUM - DRAFT FOR PUBLIC COMMENT - (UPDATED) - SEPTEMBER 2007                                                                                                                                   | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                      |
| 014991      | 11/27/20 | 014991         | 10693   | SCDHEC APPROVAL OF THE SAVANNAH RIVER SITE INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN, WSRC-RP-94-1227, REVISION 9, DATED OCTOBER 29, 2007                                                                                     | D.L. SIRON                              | B. T. HENNESSEY      |
| 014998      | 12/05/20 | 014998         | 10693   | SCDHEC APPROVAL OF THE ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE, (VOL. 1 & 2), WSRC-RP-2007-4077, DATED NOVEMBER 2007                                                                       | D.L. SIRON                              | B. T. HENNESSEY      |
| 015007      | 12/17/20 | ACP-08-122     | 10693   | DOE SUBMITTAL OF THE FISCAL YEAR 2007 (FY07) REMOVAL ACTION REPORT                                                                                                                                                              | BRIAN HENNESSEY                         | R.H. POPE/D.L. SIRON |
| 015023      | 11/28/20 | ACP-08-109     | 10693   | DOE SUBMITTAL OF THE TRANSMITTAL OF THE FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 2007 (WSRC-RP-2007-4078)                                                                                              | BRIAN HENNESSEY                         | R.H. POPE/D.L. SIRON |
| 015024      | 11/01/20 | WSRC-RP-2007-4 | 10693   | FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 2007, WSRC-RP-2007-4078, DATED NOVEMBER 2007                                                                                                                  | WSRC                                    |                      |
| 015031      | 12/21/20 | 015031         | 10693   | SCDHEC COMMENTS ON THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT REVISION 0, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2008 (PRINT DATE NOVEMBER 8, 2007), DATED NOVEMBER 15, 2007                                 | DONALD SIRON                            | B. T. HENNESSEY      |
| 015046      | 12/28/20 | 015046         | 10693   | EPA COMMENTS ON THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT, APPENDIX E, LONG TERM PROJECTIONS FOR FISCAL YEAR 2008, REVISION 0, (PRINT DATE NOVEMBER 8, 2007), SAVANNAH RIVER SITE, AIKEN, SOUTH CAROLINA               | ROBERT POPE                             | B. T. HENNESSEY      |
| 015066      | 01/15/20 | 015066         | 10693   | SCDHEC COMMENT ON THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT, REVISION 0, APPENDIX G, SITE EVALUATION AREAS, AND REVISION 0, APPENDIX K, D&D FACILITIES FOR FISCAL YEAR 2008, DATED SEPTEMBER 24, 2007; AND REVISION 1, | DONALD SIRON                            | B. T. HENNESSEY      |
| 015067      | 01/14/20 | 015067         | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT, TABLE OF CONTENTS, REPLACE PAGE iii, INSERT APPENDIX L AFTER APPENDIX K. MODIFICATION RECORD - REPLACE PAGES 9 AND 10                                                           | WSRC                                    |                      |



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|-------------|----------|------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|----------------------|
| 015070      | 12/19/20 | 015070                                   | 10693   | THREE PARTY APPROVAL OF THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT MODIFICATION TO ADD APPENDIX L - "STATEMENTS OF DISPUTE RESOLUTION"                                                                                | BRIAN HENNESSEY                         | WSRC                 |
| 015071      | 01/24/20 | 015071                                   | 10693   | EPA COMMENTS ON THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT, REVISION 0, APPENDIX G, SITE EVALUATION AREAS, AND REVISION 0, APPENDIX K, D&D FACILITIES FOR FISCAL YEAR 2008, DATED SEPTEMBER 24, 2007; AND REVISION 1, | ROBERT POPE                             | B. T. HENNESSEY      |
| 015072      | 01/17/20 | 015072                                   | 10693   | SCDHEC COMMENTS ON THE F-AREA BASE INJECTION TEMPORARY AUTHORIZATION (TA), REQUEST LETTER OLIVER TO HAYNES, NOVEMBER 8, 2007, SAVANNAH RIVER SITE (SRS), SC1 890 008 989                                                      | RICHARD HAYNES                          | THELESIA OLIVER      |
| 015078      | 01/08/20 | WSRC-RP-98-412, REV. 1.1, UPDATED 01/08/ | 10693   | LAND USE CONTROL ASSURANCE PLAN FOR THE SAVANNAH RIVER SITE (WSRC-RP-98-4125, REV.1.1, DATED AUGUST 1999) (UPDATED JANUARY 8, 2008)                                                                                           | WSRC                                    |                      |
| 015095      | 08/01/20 | 015095                                   | 10693   | TOXICOLOGICAL PROFILE FOR - ACROLEIN (UPDATE), DATED AUGUST 2007                                                                                                                                                              | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                      |
| 015096      | 08/01/20 | 015096                                   | 10693   | TOXICOLOGICAL PROFILE - ARSENIC (UPDATE), DATED AUGUST 2007                                                                                                                                                                   | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                      |
| 015097      | 08/01/20 | 015097                                   | 10693   | TOXICOLOGICAL PROFILE FOR - BARIUM (UPDATE), DATED AUGUST 2007                                                                                                                                                                | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                      |
| 015098      | 08/01/20 | 015098                                   | 10693   | TOXICOLOGICAL PROFILE FOR - BENZENE (UPDATE), DATED AUGUST 2007                                                                                                                                                               | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                      |
| 015099      | 08/01/20 | 015099                                   | 10693   | TOXICOLOGICAL PROFILE FOR - HEPTACHLOR (UPDATE), DATED AUGUST 2007                                                                                                                                                            | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                      |
| 015100      | 08/01/20 | 015100                                   | 10693   | TOXICOLOGICAL PROFILE FOR - LEAD (UPDATE), DATED AUGUST 2007                                                                                                                                                                  | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                      |
| 015101      | 08/01/20 | 015101                                   | 10693   | TOXICOLOGICAL PROFILE FOR - XYLENES (UPDATE), DATED AUGUST 2007                                                                                                                                                               | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                      |
| 015111      | 02/21/20 | 015111                                   | 10693   | EPA APPROVAL OF THE SAVANNAH RIVER SITE (SRS) FEDERAL FACILITY AGREEMENT (FFA) REVISION 1, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2008 (PRINT DATE 1/30/08), DATED JANUARY 31, 2008                                | ROBERT POPE                             | B. T. HENNESSEY      |
| 015112      | 02/21/20 | 015112                                   | 10693   | SCDHEC APPROVAL OF THE SAVANNAH RIVER SITE (SRS) FEDERAL FACILITY AGREEMENT (FFA) REVISION 1, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2008 (PRINT DATE 1/30/08), DATED JANUARY 31, 2008                             | VAN KEISLER                             | B. T. HENNESSEY      |
| 015171      | 03/10/20 | WDPD-08-046                              | 10693   | DOE SUBMITTAL OF THE CALENDAR YEAR (CY) 2007 ANNUAL REPORT STATUS OF F/H AREA RADIOACTIVE LIQUID WASTE TANKS BEING REMOVED FROM SERVICE (ESH-EPG-2008-00012, MARCH 2008)                                                      | BRIAN HENNESSEY                         | R.H. POPE/V. KEISLER |
| 015172      | 03/01/20 | ESH-EPG-2008-00                          | 10693   | CY2007 ANNUAL REPORT, STATUS OF F/H AREA RADIOACTIVE LIQUID WASTE TANKS BEING REMOVED FROM SERVICE, ESH-EPG-2008-00012, DATED MARCH 2008                                                                                      | WSRC                                    |                      |

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| 015173      | 02/28/20 | 015173                           | 10693   | EPA COMMENTS ON THE NOTICE OF ACCEPTABILITY UNDER THE CERCLA OFF-SITE RULE THE TRU PAD 26 , SAVANNAH RIVER SITE, AIKEN, SOUTH CAROLINA                                                                                         | J.I. PALMER     | JEFF ALLISON         |
| 015222      | 03/28/20 | ACP-08-157                       | 10693   | DOE SUBMITTAL OF THE SRS AREA CLOSURE PLAN AND INDIVIDUAL WATERSHED CHARTS                                                                                                                                                     | BRIAN HENNESSEY | R.H. POPE/V. KEISLER |
| 015223      | 03/17/20 | 015223                           | 10693   | CHARTS FOR: 1) SRS AREA CLOSURE PLAN, 2) FOUR MILE BRANCH WATERSHED, 3) LOWER THREE RUNS WATERSHED, 4) PEN BRANCH WATERSHED, 5) SAVANNAH RIVER FLOODPLAIN SWAMP WATERSHED, 6) STEEL CREEK WATERSHED, 7) UPPER                  | WSRC            |                      |
| 015224      | 04/01/20 | ACP-08-160                       | 10693   | DOE SUBMITTAL OF THE SRS FEDERAL FACILITY AGREEMENT DRAFT REVISION 0, APPENDIX H FOR FISCAL YEAR 2009                                                                                                                          | BRIAN HENNESSEY | R.H. POPE/V. KEISLER |
| 015225      | 03/31/20 | 015225                           | 10693   | DRAFT REVISION 0, APPENDIX H FOR FISCAL YEAR 2009: H.1: RCRA REGULATED SOLID WASTE MANAGEMENT UNITS AND H.2: NON-REGULATED SOLID WASTE MANAGEMENT UNITS                                                                        | WSRC            |                      |
| 015295      | 04/21/20 | ACP-08-174                       | 10693   | DOE SUBMITTAL OF THE NOTIFICATION OF 30-DAY EXTENSION FOR SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT (FFA) REVISION 1A, APPENDIX C, RCRA/CERCLA UNITS, REVISION 1, APPENDIX G, SITE EVALUATION AREAS, REVISION 1, APPENDIX K, | BRIAN HENNESSEY | R.H. POPE/V. KEISLER |
| 015419      | 05/21/20 | ACP-08-164                       | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT (FFA) REVISION 1A, APPENDIX C, RCRA/CERCLA UNITS, REVISION 1, APPENDIX G, SITE EVALUATION AREAS, REVISION 1, APPENDIX K, D&D FACILITIES FOR FISCAL YEAR 2008, AND              | BRIAN HENNESSEY | R.H. POPE/V. KEISLER |
| 015462      | 10/01/20 | WSRC-RP-94-122 REV. 9            | 10693   | SAVANNAH RIVER SITE INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN, WSRC-RP-94-1227, REVISION 9, DATED OCTOBER 2007                                                                                                               | WSRC            |                      |
| 015469      | 06/13/20 | 015469                           | 10693   | SCDHEC COMMENTS ON THE THIRD FIVE-YEAR REMEDY REVIEW REPORT FOR THE SAVANNAH RIVER SITE, AIKEN, SOUTH CAROLINA, WSRC-RP-2007-4063, REVISION 0, DATED FEBRUARY 15, 2008                                                         | VAN KEISLER     | B. T. HENNESSEY      |
| 015471      | 06/17/20 | 015471                           | 10693   | SCDHEC APPROVAL OF THE FEDERAL FACILITY AGREEMENT (FFA) REVISION 1A, APPENDIX C, RCRA/CERCLA UNITS, REVISION 1, APPENDIX G, SITE EVALUATION AREAS, REVISION 1, APPENDIX K, D&D FACILITIES FOR FISCAL YEAR 2008, DATED MAY      | VAN KEISLER     | B. T. HENNESSEY      |
| 015480      | 06/25/20 | 015480                           | 10693   | EMAIL CONTAINING THE ATTACHED COMMENTS ON EARLY ACTION PROPOSED PLAN FOR P-AREA OPERABLE UNIT, WSRC-RP-2007-4064, CLEAN COPY REVISION 1.1, CERCLIS NUMBER: 94, DATED MAY 2008                                                  | LEE POE         | PAUL SAUERBORN       |
| 015497      | 06/30/20 | 015497                           | 10693   | SCDHEC COMMENTS ON THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT DRAFT REVISION 0, APPENDIX H FOR FISCAL YEAR 2009 (PRINT DATE 3/31/2008), DATED APRIL 1, 2008.                                                           | VAN KEISLER     | B. T. HENNESSEY      |
| 015566      | 10/16/20 | ER-IDS-019-034, ER-SOP-034 REV.0 | 10693   | FIELD INSPECTION CHECKLIST, APPENDIX B - HEAVY EQUIPMENT WASTE BASIN (U), ER-IDS-019-034, ER-SOP-019, REVISION 0                                                                                                               | WSRC            |                      |
| 015572      | 12/20/20 | DOCKET NO. 07-ALJ-07-0606-C      | 10693   | STATE OF SOUTH CAROLINA ADMINISTRATIVE LAW COURT, NOTICE OF ASSIGNMENT (CONTESTED CASE), JOE WHETSTONE vs SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL AND SAVANNAH RIVER SITE, DOCKET NO.                    | WSRC            |                      |
| 015573      | 01/02/20 | DOCKET NO. 07-ALJ-07-0606-C      | 10693   | STATE OF SOUTH CAROLINA ADMINISTRATIVE LAW COURT, ORDER OF DISMISSAL, JOE WHETSTONE vs SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL AND SAVANNAH RIVER SITE, DOCKET NO. 07-ALJ-07-0606-CC                     | WSRC            |                      |

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| ✓015579     | 07/16/20 | 015579                            | 10693   | SCDHEC CORRESPONDENCE ON THE ADJUSTMENT OF MOBILIZATION RATES DUE TO INCREASED FUEL COSTS                                                                                                                                          | DONALD L. SIRON     | WSRC                 |
| ✓015584     | 07/24/20 | WSRC-OS-94-42                     | 10693   | SAVANNAH RIVER SITE FEDERAL AGREEMENT - APPENDIX C - REMOVE PAGES C.1-1 THROUGH C.1-19 (PRINT DATE: 03/14/2007, UPDATED 11/13/2007), INSERT PAGES C.1-1 THROUGH C.1-24 (PRINT DATE: 05/12/2008), REMOVE PAGES C.2-1 THROUGH C.2-21 | WSRC                |                      |
| ✓015588     | 07/23/20 | 015588                            | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT (FFA) REVISION 1A, APPENDIX C, RCRA/CERCLA UNITS, REVISION 1, APPENDIX G, SITE EVALUATION AREAS, REVISION 1, APPENDIX K, D&D FACILITIES FOR FISCAL YEAR 2008, DATED MAY 21, 2008    | ROBERT POPE         | B. T. HENNESSEY      |
| ✓015642     | 08/14/20 | 015642                            | 10693   | EPA CONDITIONAL APPROVAL OF THE SAVANNAH RIVER SITE, FEDERAL FACILITY AGREEMENT DRAFT REVISION 0, APPENDIX H FOR FISCAL YEAR 2009, DATED APRIL 1, 2008                                                                             | ROBERT POPE         | BRIAN HENNESSEY      |
| ✓015667     | 09/04/20 | 015667                            | 10693   | E-MAIL SUBMITTAL OF THE DRAFT SRS RESPONSE TO SCDHEC COMMENT ON APPENDIX H OF THE FEDERAL FACILITY AGREEMENT (FFA),                                                                                                                | SHELIA MCFALLS      | R.H. POPE/V. KEISLER |
| ✓015668     | 09/10/20 | 015668                            | 10693   | EPA E-MAIL OF THE APPROVAL OF THE DRAFT SRS RESPONSES TO SCDHEC COMMENTS ON APPENDIX H OF THE FEDERAL FACILITY AGREEMENT                                                                                                           | ROBERT POPE         | HEATHER CATHCART     |
| ✓015669     | 09/10/20 | 015669                            | 10693   | SCDHEC E-MAIL CONCURRENCE OF THE DRAFT SRS RESPONSES TO SCDHEC COMMENTS ON APPENDIX H FOR THE FEDERAL FACILITY AGREEMENT                                                                                                           | HEATHER CATHCART    | VAN KEISLER          |
| ✓015684     | 10/01/20 | ACP-08-234                        | 10693   | DOE SUBMITTAL OF THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT REVISION 0, APPENDIX H FOR FISCAL YEAR 2009 AND RESPONSE TO THE REGULATORY COMMENT ON DRAFT APPENDIX H FOR FISCAL YEAR 2009                                    | BRIAN HENNESSEY     | R.H. POPE/V. KEISLER |
| ✓015685     | 10/01/20 | ACP-08-232                        | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT (FFA) REVISION 0, APPENDIX C - RCRA/CERCLA UNITS, REVISION 0 - APPENDIX G - SITE EVALUATION AREAS, REVISION 0 - APPENDIX K, D&D FACILITIES FOR FISCAL YEAR 2009                    | BRIAN HENNESSEY     | R.H. POPE/V. KEISLER |
| ✓015712     | 09/01/20 | WSRC-RP-2007-41<br>REV. 1 REDLINE | 10693   | THIRD FIVE-YEAR REMEDY REVIEW REPORT FOR THE SAVANNAH RIVER SITE, AIKEN, SOUTH CAROLINA, WSRC-RP-2007-4063, REVISION 1 REDLINE, DATED SEPTEMBER 2008                                                                               | WSRC                |                      |
| ✓015716     | 10/23/20 | 015716                            | 10693   | SCDHEC APPROVAL ON THE THIRD FIVE-YEAR REMEDY REVIEW REPORT FOR THE SAVANNAH RIVER SITE, AIKEN, SOUTH CAROLINA, WSRC-RP-2007-4063, REVISION 1 REDLINE, DATED SEPTEMBER 25, 2008                                                    | VAN KEISLER         | B. T. HENNESSEY      |
| ✓015724     | 06/11/96 | SRNS-OS-2008-00                   | 10693   | SCDHEC CORRESPONDENCE ON THE US DOE/SAVANNAH RIVER SITE, SC1 890 008 989, AIKEN COUNTY, ADMINISTRATIVE AND SUBSTANTIVE REQUIREMENTS OF RCRA APPLIED AT RCRA/CERCLA INVESTIGATION/REMEDICATION SITES                                | G. RANDALL THOMPSON | J.V. ODUM            |
| ✓015748     | 11/14/20 | ACP-09-108                        | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT (FFA) REVISION 0, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2009 (PRINT DATE: OCTOBER 24, 2008)                                                                            | BRIAN HENNESSEY     | R.H. POPE/V. KEISLER |
| ✓015753     | 02/07/20 | ESH-ERP-2003-00                   | 10693   | COMPARISON OF USEPA METHOD 18 VERSUS SAVANNAH RIVER SITE MODIFIED METHOD 18 SAMPLING OF VAPOR EXTRACTION AND AIR STRIPPER UNITS, ESH-ERP-2003-00038, DATED FEBRUARY 7, 2003                                                        | WSRC                |                      |
| ✓015754     | 11/07/20 | ESH-ECS-2002-00                   | 10693   | SAVANNAH RIVER SITE MODIFIED METHOD 18 AIR SAMPLING REQUEST, ESH-ECS-2002-00481, DATED NOVEMBER 7, 2002                                                                                                                            | WSRC                |                      |

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| ✓015755     | 11/21/20 | 015755                              | 10693   | SCDHEC CORRESPONDENCE ON THE REQUEST FOR APPROVAL OF A MODIFIED TEST METHOD 18 PROCEDURE, PERMIT NO. TV 0080-0041                                                                                              | THOMAS LATHAN                           | M.B. HUGHES           |
| ✓015756     | 03/26/20 | ESH-ERP-2003-00                     | 10693   | SRS INTEROFFICE-MEMORANDUM ON THE SCDHEC APPROVAL - MODIFIED METHOD 18 SAMPLING FOR VOLATILE ORGANIC COMPOUNDS, SAVANNAH RIVER SITE, ESH-ERP-2003-00090, DATED MARCH 26, 2003                                  | C.M. COOK                               | R.K. CAUTHEN          |
| ✓015757     | 03/11/20 | ESH-ERP-2004-00                     | 10693   | SRS INTEROFFICE-MEMORANDUM ON THE SCDHEC APPROVAL - MODIFIED METHOD 18 FOR ANALYSIS OF VOLATILE ORGANIC COMPOUNDS FROM SOIL VAPOR EXTRACTION UNITS AND AIR STRIPPERS, ESH-ERP-2004-00055, DATED MARCH 11, 2004 | C.M. COOK                               | R.K. CAUTHEN          |
| ✓015762     | 11/20/20 | ACP-09-001                          | 10693   | DOE SUBMITTAL OF THE 2008 ANNUAL INDICES UPDATE FOR THE SAVANNAH RIVER SITE ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE (SRNS-2008-RP-01199, DATED NOVEMBER 2008)                                   | BRIAN HENNESSEY                         | R.H. POPE/V. KEISLER  |
| ✓015763     | 11/01/20 | SRNS-RP-2008-01 PART I              | 10693   | 2008 ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE, BOOK 1 OF 2, SRNS-RP-2008-01199, DATED NOVEMBER 2008                                                                        | SRNS                                    |                       |
| ✓015764     | 11/01/20 | SRNS-RP-2008-01 PART II             | 10693   | 2008 ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE, BOOK 1 OF 2, SRNS-RP-2008-01199, DATED NOVEMBER 2008                                                                        | SRNS                                    |                       |
| ✓015771     | 11/20/20 | 015771                              | 10693   | EPA COMMENTS ON THE THIRD FIVE-YEAR REMEDY REVIEW REPORT FOR THE SAVANNAH RIVER SITE, AIKEN, SOUTH CAROLINA, WSRC-RP-2007-4063, REVISION 1 REDLINE, DATED SEPTEMBER 2008                                       | ROBERT POPE                             | B. T. HENNESSEY       |
| ✓015775     | 12/15/20 | ACP-09-111                          | 10693   | DOE SUBMITTAL OF THE REDLINE AND U.S. DEPARTMENT OF ENERGY-SIGNED THIRD FIVE-YEAR REMEDY REVIEW REPORT FOR THE SAVANNAH RIVER SITE (WSRC-RP-2007-4063, REVISION 1.1, DATED DECEMBER 2008) AND SRS RESPONSES TO | BRIAN HENNESSEY                         | R.H. POPE/V. KEISLER  |
| ✓015776     | 12/01/20 | WSRC-RP-2007-4I REV. 1.1 REDLINE    | 10693   | THIRD FIVE-YEAR REMEDY REVIEW REPORT FOR THE SAVANNAH RIVER SITE, AIKEN, SOUTH CAROLINA, WSRC-RP-2007-4063, REVISION 1.1 REDLINE, DATED DECEMBER 2008                                                          | WSRC                                    |                       |
| ✓015777     | 12/01/20 | WSRC-RP-2007-4I REV. 1.1 CLEAN COPY | 10693   | THIRD FIVE-YEAR REMEDY REVIEW REPORT FOR THE SAVANNAH RIVER SITE, AIKEN, SOUTH CAROLINA, WSRC-RP-2007-4063, REVISION 1.1 CLEAN COPY, DATED DECEMBER 2008                                                       | WSRC                                    |                       |
| ✓015785     | 11/01/20 | WSRC-RP-2008-4I                     | 10693   | FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 2008, WSRC-RP-2008-4076, DATED NOVEMBER 2008                                                                                                 | WSRC                                    |                       |
| ✓015786     | 10/16/20 | EQMD-09-002                         | 10693   | DOE SUBMITTAL OF THE NEW DIVISION DIRECTOR FOR THE DEPARTMENT OF ENERGY SAVANNAH RIVER OPERATIONS OFFICE (DOE-SR) ENVIRONMENTAL QUALITY MANAGEMENT DIVISION (EQMD)                                             | JEFFREY M. ALLISON                      | M. ROBERTSON/M WILSON |
| ✓015789     | 12/17/20 | 015789                              | 10693   | SCDHEC SUBMITTAL FOR SIGNATURE OF THE THIRD FIVE-YEAR REMEDY REVIEW REPORT, SAVANNAH RIVER SITE (SRS), AIKEN, SOUTH CAROLINA (WSRC-RP-2007-4063, REVISION 1.1, DATED DECEMBER 2008)                            | VAN KEISLER                             | ROBERT POPE           |
| ✓015794     | 12/23/20 | 015794                              | 10693   | EPA COMMENTS ON THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT REVISION 0, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2009 (PRINT DATE: 10/24/2008)                                                 | ROBERT POPE                             | B. T. HENNESSEY       |
| ✓015804     | 09/01/20 | 015804                              | 10693   | TOXICOLOGICAL PROFILE FOR - CADMIUM - DRAFT FOR PUBLIC COMMENT - (UPDATED) - SEPTEMBER 2008                                                                                                                    | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                       |

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| ✓015805     | 09/01/20 | 015805             | 10693   | TOXICOLOGICAL PROFILE FOR - CHROMIUM - DRAFT FOR PUBLIC COMMENT - (UPDATED) - SEPTEMBER 2008                                                                                                                                        | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                      |
| ✓015806     | 09/01/20 | 015806             | 10693   | TOXICOLOGICAL PROFILE FOR - MANGANESE - DRAFT FOR PUBLIC COMMENT - (UPDATED) - SEPTEMBER 2008                                                                                                                                       | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                      |
| ✓015807     | 09/01/20 | 015807             | 10693   | TOXICOLOGICAL PROFILE FOR - RADON - DRAFT FOR PUBLIC COMMENT - (UPDATED) - SEPTEMBER 2008                                                                                                                                           | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                      |
| ✓015808     | 12/22/20 | ACP-09-116         | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT ANNUAL REMOVAL ACTION REPORT FOR FISCAL YEAR 2008, INCLUDING: FISCAL YEAR 2008 MAINTENANCE ACTIVITY SUMMARY                                                                         | BRIAN HENNESSEY                         | R.H. POPE/V. KEISLER |
| ✓015829     | 08/01/20 | EPA 905-B-04-001   | 10693   | EPA RADIONUCLIDE BIOLOGICAL REMEDIATION RESOURCE GUIDE, EPA 905-B-04-001, DATED AUGUST 2004                                                                                                                                         | USEPA                                   |                      |
| ✓015840     | 01/21/20 | 015840             | 10693   | EPA SUBMITTAL OF THE THIRD FIVE-YEAR REMEDY REVIEW REPORT FOR THE SAVANNAH RIVER SITE, AIKEN, SOUTH CAROLINA, WSRC-RP-2007-4063, REVISION 1.1 CLEAN COPY, DATED DECEMBER 2008                                                       | ROBERT POPE                             | B. T. HENNESSEY      |
| ✓015845     | 01/23/20 | 015845             | 10693   | SCDHEC APPROVAL ON THE FEDERAL FACILITY AGREEMENT (FFA) REVISION 0, APPENDIX H, FOR FISCAL YEAR 2009, DATED OCTOBER 1, 2008                                                                                                         | VAN KEISLER                             | B. T. HENNESSEY      |
| ✓015868     | 01/28/20 | 015868             | 10693   | NEWSPAPER ADVERTISEMENT - (AIKEN STANDARD) - PUBLIC NOTICE OF THE THIRD FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE ISSUED                                                                                               | WSRC                                    |                      |
| ✓015870     | 01/30/20 | ACP-09-132         | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT (FFA) REVISION 1, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2009 (PRINT DATE: JANUARY 26, 2009) AND RESPONSES TO REGULATORY COMMENTS ON THE REVISION 0, FISCAL YEAR         | BRIAN HENNESSEY                         | V. KEISLER/R.H. POPE |
| ✓015900     | 02/23/20 | 015900             | 10693   | EPA APPROVAL OF THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT (FFA) REVISION 0, APPENDIX C - RCRA/CERCLA UNITS, REVISION 0 - APPENDIX G - SITE EVALUATION AREAS, REVISION 0 - APPENDIX K, D&D FACILITIES FOR FISCAL YEAR       | R.H. POPE                               | B. T. HENNESSEY      |
| ✓015904     | 02/18/20 | WSRC-OS-94-42      | 10693   | SAVANNAH RIVER SITE FEDERAL AGREEMENT - APPENDIX H - REMOVE COVER PAGE, INSERT COVER PAGE, APPENDIX H - REMOVE PAGE H-1 (NOVEMBER 13, 2007), INSERT PAGES H.1-1 THROUGH H.1-4 (PRINT DATE: SEPTEMBER 23, 2008), APPENDIX H -        | WSRC                                    |                      |
| ✓015906     | 02/19/20 | 015906             | 10693   | SCDHEC APPROVAL OF THE FEDERAL FACILITY AGREEMENT (FFA) REVISION 1, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2009 (PRINT DATE: JANUARY 26, 2009), DATED JANUARY 30, 2009                                                   | VAN KEISLER                             | B. T. HENNESSEY      |
| ✓015919     | 02/26/20 | 015919             | 10693   | EPA APPROVAL OF THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT, WSRC-OS-94-42, REVISION 1, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2009, DATED JANUARY 30, 2009                                                       | ROBERT H. POPE                          | B. T. HENNESSEY      |
| ✓015936     | 03/05/20 | WSRC-OS-94-42      | 10693   | SAVANNAH RIVER SITE FEDERAL AGREEMENT - APPENDIX E - REMOVE PAGES E.1-1 THROUGH E.1-21 (PRINT DATE: JANUARY 30, 2008, UPDATED JUNE 13, 2008), INSERT PAGES E.1-1 THROUGH E.1-11 (PRINT DATE: JANUARY 26, 2009), APPENDIX E - REMOVE | WSRC                                    |                      |
| ✓015939     | 03/10/20 | SRNS-MS-2009-00060 | 10693   | MEETING RECORD OF MARCH 10, 2009, SRS REGULATORY INTEGRATION TEAM (SRIT), SCDHEC - AIKEN OFFICE, SRNS-MS-2009-00060                                                                                                                 | WSRC                                    |                      |

| Catalog Num                                                                                | Date     | Doc Number             | Track # | Title                                                                                                                                                                                                                            | Author                                  | Addressee            |
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|  016006   | 01/29/20 | 016006                 | 10693   | NEWSPAPER ADVERTISEMENT - (SOUTHEASTERN NEWSPAPERS COMPANY, LLC) - PUBLIC NOTICE OF THE THIRD FIVE-YEAR REMEDY REVIEW REPORT FOR THE SAVANNAH RIVER SITE, (WSRC-RP-2007-4063, REVISION 0)                                        | WSRC                                    |                      |
|  016017   | 02/01/20 | ERD-EN-2009-001        | 10693   | GUIDE TO SCOPING THE REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS) PROCESS, SAVANNAH RIVER NUCLEAR SOLUTION, SAVANNAH RIVER SITE, ERD-EN-2009-0012, DATED FEBRUARY 2009                                                       | SRNS                                    |                      |
|  016022   | 04/15/20 | ACP-09-154             | 10693   | DOE SUBMITTAL OF THE SRS AREA CLOSURE PLAN (PRINT DATE: MARCH 31, 2009)                                                                                                                                                          | BRIAN HENNESSEY                         | R.H. POPE/V. KEISLER |
|  016063   | 05/15/20 | ACP-09-174             | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT (FFA) REVISION 1, APPENDIX C - RCRA/CERCLA UNITS, REVISION 1 - APPENDIX G - SITE EVALUATION AREAS, REVISION 1 - APPENDIX K, D&D FACILITIES FOR FISCAL YEAR 2009 (PRINT DATE: MAY | BRIAN HENNESSEY                         | R.H. POPE/V. KEISLER |
|  016181   | 06/08/20 | 016181                 | 10693   | NEWSPAPER ADVERTISEMENT - (AIKEN STANDARD) - ON THE CLASS 2 NOTICE - HAZARDOUS WASTE PERMIT MODIFICATION REQUESTED, DATED JULY 4, 2007                                                                                           | SRNS                                    |                      |
|  016184   | 06/10/20 | 016184                 | 10693   | NEWSPAPER ADVERTISEMENT - (THE PEOPLE SENTINEL) - ON THE CLASS 2 NOTICE - HAZARDOUS WASTE PERMIT MODIFICATION REQUESTED, DATED JULY 4, 2007                                                                                      | SRNS                                    |                      |
|  016185   | 06/08/20 | 016185                 | 10693   | NEWSPAPER ADVERTISEMENT - (THE STATE) - ON THE CLASS 2 NOTICE - HAZARDOUS WASTE PERMIT MODIFICATION REQUESTED, DATED JULY 4, 2007                                                                                                | SRNS                                    |                      |
|  016192   | 06/22/20 | 016192                 | 10693   | NEWSPAPER ADVERTISEMENT - (AIKEN STANDARD) - ON THE CLASS 2 NOTICE - HAZARDOUS WASTE PERMIT MODIFICATION REQUESTED, DATED JULY 4, 2007                                                                                           | SRNS                                    |                      |
|  016193   | 06/22/20 | 016193                 | 10693   | NEWSPAPER ADVERTISEMENT - (AIKEN STANDARD) - ON THE CLASS 2 NOTICE - HAZARDOUS WASTE PERMIT MODIFICATION REQUESTED, DATED JULY 4, 2007                                                                                           | SRNS                                    |                      |
|  016230   | 07/27/20 | WSRC-OS-94-42          | 10693   | SAVANNAH RIVER SITE FEDERAL AGREEMENT - APPENDIX C - REMOVE PAGES C.1-1 THROUGH C.1-24 (PRINT DATE: 05/12/2008, INSERT PAGES C.1-1 THROUGH C.1-21 (PRINT DATE: 05/12/2009), REMOVE PAGES C.2-1 THROUGH C.2-26 (PRINT DATE:       | WSRC                                    |                      |
|  016232 | 07/24/20 | 016232                 | 10693   | EPA APPROVAL OF THE FEDERAL FACILITY AGREEMENT, REVISION 1 APPENDIX C, RCRA/CERCLA UNITS, REVISION 1 APPENDIX G, SITE EVALUATION AREAS, REVISION 1 APPENDIX K, D&D FACILITIES FOR FISCAL YEAR 2009                               | ROBERT POPE                             | B. T. HENNESSEY      |
|  016259 | 09/01/20 | 016259                 | 10693   | TOXICOLOGICAL PROFILE FOR - PERCHLORATES - (UPDATE) SEPTEMBER 2008                                                                                                                                                               | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                      |
|  016270 | 08/01/20 | ERD-AG-2005-000 REV. 3 | 10693   | AREA COMPLETION PROJECTS QUALITY ASSURANCE PROJECT PLAN FOR ENVIRONMENTAL DATA COLLECTION AND MANAGEMENT, ERD-AG-2005-00001, REVISION 3, DATED AUGUST 2008                                                                       | SRNS                                    |                      |
|  016356 | 09/30/20 | ACP-09-238             | 10693   | DOE SUBMITTAL OF THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT REVISION 0, APPENDIX C, RCRA/CERCLA UNITS, REVISION 0 APPENDIX G, SITE EVALUATION AREAS, AND REVISION 0 APPENDIX K, D&D FACILITIES FOR FISCAL YEAR           | BRIAN HENNESSEY                         | R.H. POPE/V. KEISLER |
|  016357 | 09/30/20 | ACP-09-237             | 10693   | DOE SUBMITTAL OF THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX H FOR FISCAL YEAR 2010 (PRINT DATE 09/23/2009)                                                                                           | SRNS                                    |                      |

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| ✓016376     | 10/16/20 | 016376            | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX D FOR FISCAL YEAR 2009 (PRINT DATE: SEPTEMBER 30, 2009)                                                                                  | BRIAN HENNESSEY | R.H. POPE/V. KEISLER |
| ✓016412     | 10/01/20 | WSRC-RP-98-412    | 10693   | LAND USE CONTROL ASSURANCE PLAN FOR THE SAVANNAH RIVER SITE (WSRC-RP-98-4125, REV.1.1, AUGUST 1999) UPDATED 10/20/2009                                                                                       | SRNS            |                      |
|             |          | REV. 1.1, UPDATED |         |                                                                                                                                                                                                              |                 |                      |
| ✓016427     | 10/16/20 | 016427            | 10693   | NEWSPAPER ADVERTISEMENT - (AIKEN STANDARD) - ON THE CLASS 2 NOTICE - HAZARDOUS WASTE PERMIT MODIFICATION REQUESTED, DATED JULY 4, 2007                                                                       | SRNS            |                      |
| ✓016434     | 10/14/20 | 016434            | 10693   | NEWSPAPER ADVERTISEMENT - (THE STATE) - ON THE CLASS 2 NOTICE - HAZARDOUS WASTE PERMIT MODIFICATION REQUESTED, DATED JULY 4, 2007                                                                            | SRNS            |                      |
| ✓016438     | 11/01/20 | 016438            | 10693   | SCDHEC APPROVAL OF THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX D FOR FISCAL YEAR 2009 (PRINT DATE: SEPTEMBER 30, 2009)                                                                                | VAN KEISLER     | B. T. HENNESSEY      |
| ✓016442     | 11/16/20 | ACP-10-117        | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT (FFA) REVISION 0, APPENDIX E, LONG-TRM PROJECTIONS FOR FISCAL YEAR 2010 (PRINT DATE: 10/30/2009)                                                             | BRIAN HENNESSEY | R.H. POPE/V. KEISLER |
| ✓016457     | 11/20/20 | ACP-10-102        | 10693   | DOE SUBMITTAL OF THE TRANSMITTAL OF THE FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 2009 (SRNS-RP-2009-01201, NOVEMBER 2009)                                                           | BRIAN HENNESSEY | R.H. POPE/V. KEISLER |
| ✓016458     | 11/01/20 | SRNS-RP-2009-01   | 10693   | FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 2009, SRNS-RP-2009-01201, DATED NOVEMBER 2009                                                                                              | SRNS            |                      |
| ✓016469     | 11/23/20 | 016469            | 10693   | EPA APPROVAL OF THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT (FFA) REVISION 0, APPENDIX D, FOR FISCAL YEAR 2009 (PRINT DATE SEPTEMBER 30, 2009), DATED OCTOBER 16, 2009                                | ROBERT POPE     | B. T. HENNESSEY      |
| ✓016472     | 11/24/20 | ACP-10-118        | 10693   | DOE SUBMITTAL OF THE 2009 ANNUAL INDICES UPDATE FOR THE SAVANNAH RIVER SITE ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE (SRNS-RP-2009-01294, NOVEMBER 2009)                                       | BRIAN HENNESSEY | R.H. POPE/V. KEISLER |
| ✓016473     | 11/01/20 | SRNS-RP-2009-01   | 10693   | 2009 ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE, SRNS-RP-2009-01294, DATED NOVEMBER 2009                                                                                   | SRNS            |                      |
| ✓016475     | 11/11/20 | 016475            | 10693   | NEWSPAPER ADVERTISEMENT - (THE PEOPLE SENTINEL) - DOE OFFERS A PUBLIC WORKSHOP ON THE GROUNDWATER MANAGEMENT STRATEGY AT THE SAVANNAH RIVER SITE (SRS)                                                       | SRNS            |                      |
| ✓016489     | 11/09/20 | 016489            | 10693   | NEWSPAPER ADVERTISEMENT - (AIKEN STANDARD) - DOE OFFERS A PUBLIC WORKSHOP ON THE GROUNDWATER MANAGEMENT STRATEGY AT THE SAVANNAH RIVER SITE (SRS)                                                            | SRNS            |                      |
| ✓016495     | 12/02/20 | WSRC-OS-94-42     | 10693   | UPDATE TO THE SAVANNAH RIVER SITE FEDERAL AGREEMENT - APPENDIX D - REMOVE PAGES D-1 THROUGH D-7 (PRINT DATE: 09/12/2007) D-1 THROUGH D-15 (PRINT DATE: 09/30/2009), RECORD OF MODIFICATION - REPLACE PAGE 11 | SRNS            |                      |
| ✓016499     | 12/15/20 | ACP-10-132        | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT ANNUAL REMOVAL ACTION REPORT FOR FISCAL YEAR 2009, INCLUDING: TABLE 1. FISCAL YEAR 2009 MAINTENANCE ACTIVITY SUMMARY                                         | BRIAN HENNESSEY | R.H. POPE/V. KEISLER |



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|  016518   | 09/01/20 | 016518     | 10693   | DRAFT FOR PUBLIC COMMENT TOXICOLOGICAL PROFILE FOR - ACRYLAMIDE - SEPTEMBER 2009 (COMMENT PERIOD ENDS: FEBRUARY 26, 2010)                                                                                            | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                 |
|  016519   | 09/01/20 | 016519     | 10693   | DRAFT FOR PUBLIC COMMENT (UPDATE) TOXICOLOGICAL PROFILE FOR - 1, 3-BUTADIENE - SEPTEMBER 2009 (COMMENT PERIOD ENDS: FEBRUARY 26, 2010)                                                                               | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                 |
|  016520   | 09/01/20 | 01652      | 10693   | DRAFT FOR PUBLIC COMMENT TOXICOLOGICAL PROFILE FOR - CARBON MONOXIDE - SEPTEMBER 2009 (COMMENT PERIOD ENDS: FEBRUARY 26, 2010)                                                                                       | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                 |
|  016521   | 09/01/20 | 016521     | 10693   | DRAFT FOR PUBLIC COMMENT - TOXICOLOGICAL PROFILE FOR - PHOSPHATE ESTER FLAME RETARDANTS - SEPTEMBER 2009 (COMMENT PERIOD ENDS: FEBRUARY 26, 2010)                                                                    | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                 |
|  016522   | 09/01/20 | 016522     | 10693   | DRAFT FOR PUBLIC COMMENT (UPDATE) - TOXICOLOGICAL PROFILE FOR - VANADIUM - SEPTEMBER 2009 (COMMENT PERIOD ENDS: FEBRUARY 26, 2010)                                                                                   | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                 |
|  016537   | 12/21/20 | 016537     | 10693   | SCDHEC COMMENTS ON THE SAVANNAH RIVER SITE, FEDERAL FACILITY AGREEMENT (FFA), REVISION 0, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2010 (PRINT DATE: 10/30/2009), DATED NOVEMBER 17, 2009                   | VAN KEISLER                             | B. T. HENNESSEY |
|  016541   | 06/01/86 | 37340-1    | 10693   | PHOTO - NEGATIVE NUMBER: 37340-1, OLD RADIOACTIVE WASTE BURIAL GROUND 1986, (PHOTO NUMBER: 000021)                                                                                                                   | WSRC                                    |                 |
|  016543   | 04/12/91 | 91-1397-5  | 10693   | PHOTO - NEGATIVE NUMBER: 91-1397-5, WASTE SITE IN R-AREA [PER: BRUCE BOULINEAU 1-5-2010] , (PHOTO NUMBER: 000082), LABEL ON PHOTO READS: HISTORICAL PHOTOGRAPH SHOWING GENERAL AREA EAST OF BASIN 1                  | WSRC                                    |                 |
|  016544   | 01/12/89 | 50639-6    | 10693   | PHOTO - NEGATIVE NUMBER: 50639-6, SEEPAGE BASINS AND PONDS A&B [PER: BRUCE BOULINEAU 1-5-2010], (PHOTO NUMBER: 000083), LABEL READS: HISTORICAL PHOTOGRAPH SHOWING TYPICAL ASPHALT-COVERED BACKFILLED BASIN AND PAIR | WSRC                                    |                 |
|  016546   | 01/01/91 | 91-1397-7  | 10693   | PHOTO - NEGATIVE NUMBER: 91-1397-7, (PHOTO NUMBER: 000085), LABEL READS: HISTORICAL PHOTOGRAPH SHOWING NON-BREACHED ASPHALT-COVERED BACKFILLED BASINS                                                                | WSRC                                    |                 |
|  016548 | 01/01/91 | 91-1397-8  | 10693   | PHOTO - NEGATIVE NUMBER: 91-1397-8, (PHOTO NUMBER: 000087), LABEL READS: HISTORICAL PHOTOGRAPH OF BACKFILLED BASIN 6                                                                                                 | WSRC                                    |                 |
|  016550 | 01/01/91 | WMT-4996-5 | 10693   | PHOTO - NEGATIVE NUMBER: WMT-4996-5, (PHOTO NUMBER: 000102), LABEL READS: EXCAVATION TO CONCRETE SLAB                                                                                                                | WSRC                                    |                 |
|  016551 | 01/01/91 | WMT-4996-6 | 10693   | PHOTO - NEGATIVE NUMBER: WMT-4996-6, (PHOTO NUMBER: 000103), LABEL READS: EXCAVATION BELOW CONCRETE SLAB                                                                                                             | WSRC                                    |                 |
|  016553 | 12/23/20 | 016553     | 10693   | EPA COMMENTS ON THE SAVANNAH RIVER SITE, FEDERAL FACILITY AGREEMENT (FFA), REVISION 0, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2010 (PRINT DATE: 10/30/2009), DATED NOVEMBER 17, 2009                      | ROBERT POPE                             | B. T. HENNESSEY |
|  016595 | 09/23/82 | 016595     | 10693   | AERIAL PHOTOGRAPH OF SITE NEGATIVE NUMBER: EG&G 4138                                                                                                                                                                 | DUPONT                                  |                 |



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| ✓016597     | 08/31/91 | 016597                         | 10693   | AERIAL PHOTOGRAPH OF SITE NEGATIVE NUMBER: EG&G 7140                                                                                                                                                                                     | WSRC            |                      |
| ✓016610     | 01/29/20 | ACP-10-158                     | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT (FFA) REVISION 1, APPENDIX E, LONG-TRM PROJECTIONS FOR FISCAL YEAR 2010 (PRINT DATE: 01/13/2010) AND SRS RESPONSES TO REGULATORY COMMENTS ON THE FFA REVISION 0 FISCAL YEAR              | BRIAN HENNESSEY | R.H. POPE/V. KEISLER |
| ✓016613     | 01/27/20 | 016613                         | 10693   | SCDHEC COMMENTS ON THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT REVISION 0, APPENDIX C, RCRA/CERCLA UNITS, REVISION 0 APPENDIX G, SITE EVALUATION AREAS, AND REVISION 0 APPENDIX K, D&D FACILITIES FOR FISCAL YEAR                 | VAN KEISLER     | B. T. HENNESSEY      |
| ✓016621     | 01/29/20 | 016621                         | 10693   | EPA APPROVAL OF THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX H FOR FISCAL YEAR 2010 (PRINT DATE 09/23/2009), DATED SEPTEMBER 30, 2009 AND RECEIVED OCTOBER 1, 2009                                             | ROBERT POPE     | B. T. HENNESSEY      |
| ✓016622     | 01/29/20 | 016622                         | 10693   | USEPA CONDITIONAL APPROVAL OF THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT REVISION 0, APPENDIX C, RCRA/CERCLA UNITS, REVISION 0 APPENDIX G, SITE EVALUATION AREAS, AND REVISION 0 APPENDIX K, D&D FACILITIES FOR FISCAL           | ROBERT POPE     | B. T. HENNESSEY      |
| ✓016639     | 01/27/20 | 016639                         | 10693   | SCDHEC APPROVAL OF THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX H FOR FISCAL YEAR 2010 (PRINT DATE 09/23/2009), DATED SEPTEMBER 30, 2009 AND RECEIVED OCTOBER 1, 2009                                          | VAN KEISLER     | B. T. HENNESSEY      |
| ✓016641     | 02/01/20 | 016641                         | 10693   | SCDHEC APPROVAL ON THE REVISION 0 APPENDIX G, SITE EVALUATION AREAS, AND REVISION 0 APPENDIX K, D&D FACILITIES FOR FISCAL YEAR 2010 (PRINT DATED 09/23/2009), (PRINT DATE: 09-23-09), DATED SEPTEMBER 30, 2009 AND RECEIVED              | VAN KEISLER     | B. T. HENNESSEY      |
| ✓016645     | 10/01/20 | WSRC-RP-94-122 REV. 10 REDLINE | 10693   | SAVANNAH RIVER SITE INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN, WSRC-RP-94-1227, REVISION 10 REDLINE, DATED OCTOBER 2009                                                                                                                | SRNS            |                      |
| ✓016646     | 02/03/20 | 016646                         | 10693   | SCDHEC COMMENTS ON THE SAVANNAH RIVER SITE INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN, (WSRC-RP-94-1227, REVISION 10 REDLINE, DATED OCTOBER 2009), RECEIVED JANUARY 6, 2010                                                             | VAN KEISLER     | B. T. HENNESSEY      |
| ✓016651     | 02/05/20 | WSRC-OS-94-42                  | 10693   | SAVANNAH RIVER SITE FEDERAL AGREEMENT - REVISION 0 - APPENDIX G - REMOVE PAGE G.1-1 (PRINT DATE: MAY 12, 2009), INSERT PAGE G.1-1 (PRINT DATE: SEPTEMBER 23, 2009), REMOVE PAGES G.2-1 THROUGH G.2-14 (PRINT DATE: MAY 12, 2009), INSERT | SRNS            |                      |
| ✓016654     | 02/09/20 | 016654                         | 10693   | SCDHEC APPROVAL OF THE 2009 ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE (ARF/IRF) ANNUAL INDICES UPDATE,(VOLUMES 1, 2, &3, SRNS-RP-2009-01294, DATED NOVEMBER 2009) RECEIVED NOVEMBER 30, 2009                                | VAN KEISLER     | B. T. HENNESSEY      |
| ✓016698     | 02/23/20 | 016698                         | 10693   | SCDHEC APPROVAL OF THE FEDERAL FACILITY AGREEMENT (FFA) REVISION 1, APPENDIX E, LONG-TRM PROJECTIONS FOR FISCAL YEAR 2010 (PRINT DATE: 01/13/2010), DATED JANUARY 29, 2010 AND RECEIVED FEBRUARY 1, 2010                                 | VAN KEISLER     | B. T. HENNESSEY      |
| ✓016716     | 03/05/20 | 016716                         | 10693   | EPA CONDITIONAL APPROVAL FOR THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT (FFA) REVISION 1, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2010 (PRINT DATE: 01/13/2010), DATED JANUARY 29, 2010                                | ROBERT POPE     | B. T. HENNESSEY      |
| ✓016718     | 03/09/20 | WSRC-OS-94-42                  | 10693   | SAVANNAH RIVER SITE FEDERAL AGREEMENT - REVISION 1 - APPENDIX E - REMOVE PAGES E.1-1 TO E.1-11 (PRINT DATE: JANUARY 26, 2009), INSERT PAGE E.1-1 TO E.1-9 (PRINT DATE: JANUARY 13, 2010) [UPDATED MARCH 9, 2010], REMOVE APPENDIX E.2-1  | SRNS            |                      |
| ✓016756     | 03/17/20 | 016756                         | 10693   | NEWSPAPER ADVERTISEMENT - (THE STATE) - FOR THE CLASS 3 NOTICE HAZARDOUS WASTE PERMIT MODIFICATION REQUESTED FROM THE SCDHEC MODIFICATION TO SRS 2000 RESOURCE CONSERVATION AND RECOVER ACT (RCRA) PART B PERMIT                         | SRNS            |                      |

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| ✓016760     | 03/17/20 | 016760                          | 10693   | NEWSPAPER ADVERTISEMENT - (THE PEOPLE SENTINEL) - FOR THE CLASS 2 NOTICE FOR THE SRS 2000 RESOURCE CONSERVATION AND RECOVER ACT (RCRA) PART B PERMIT RENEWAL APPLICATION FOR VOLUME II, HAZARDOUS WASTE STORAGE                                                                                     | SRNS            |                      |
| ✓016761     | 03/17/20 | 016761                          | 10693   | NEWSPAPER ADVERTISEMENT - (THE PEOPLE SENTINEL) - FOR THE CLASS 3 NOTICE HAZARDOUS WASTE PERMIT MODIFICATION REQUESTED FROM THE SCDHEC                                                                                                                                                              | SRNS            |                      |
| ✓016777     | 03/17/20 | 016777                          | 10693   | NEWSPAPER ADVERTISEMENT - (AIKEN STANDARD) - ON THE CLASS 3 NOTICE HAZARDOUS WASTE PERMIT MODIFICATION REQUESTED ON THE SRS 2000                                                                                                                                                                    | SRNS            |                      |
| ✓016778     | 03/17/20 | 016778                          | 10693   | RESOURCE CONSERVATION AND RECOVER ACT (RCRA) PART B PERMIT RENEWAL NEWSPAPER ADVERTISEMENT - (AIKEN STANDARD) - FOR THE CLASS 2 NOTICE FOR                                                                                                                                                          | SRNS            |                      |
| ✓016789     | 04/13/20 | ACP-10-103                      | 10693   | THE SRS 2000 RESOURCE CONSERVATION AND RECOVER ACT (RCRA) PART B PERMIT RENEWAL APPLICATION FOR VOLUME II, HAZARDOUS WASTE STORAGE FACILITIES, DOE SUBMITTAL OF THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT COMMUNITY INVOLVEMENT PLAN (U), (WSRC-RP-96-120, REVISION 6) DATED NOVEMBER 2009 | BRIAN HENNESSEY | R.H. POPE/V. KEISLER |
| ✓016790     | 11/01/20 | WSRC-RP-96-120, REV. 6          | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT COMMUNITY INVOLVEMENT PLAN (U), WSRC-RP-96-120, REVISION 6, DATED NOVEMBER 2009                                                                                                                                                                      | SRNS            |                      |
| ✓016862     | 04/30/20 | 016862                          | 10693   | SCDHEC APPROVAL OF THE SAVANNAH RIVER SITE, FEDERAL FACILITY AGREEMENT (FFA) REVISION 1 APPENDIX C, RCRA/CERCLA UNITS FOR FISCAL YEAR 2010, (PRINT DATE: MARCH 29, 2010), RECEIVED APRIL 15, 2010                                                                                                   | VAN KEISLER     | B. T. HENNESSEY      |
| ✓016879     | 04/14/20 | 016879                          | 10693   | NEWSPAPER ADVERTISEMENT - (THE STATE) - ON THE DEPARTMENT OF ENERGY'S, SAVANNAH RIVER SITE PUBLIC MEETING TO BE HELD APRIL 15, 2010                                                                                                                                                                 | SRNS            |                      |
| ✓016905     | 05/18/20 | WSRC-OS-94-42                   | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT - APPENDIX C - REMOVE PAGES C.1-1 THRU C.1-21 (PRINT DATE: 05-12-2009); AND INSERT C.1-1 THRU C.1-21 (PRINT DATE: 03-29-2010); REMOVE PAGES C.2-1 THRU C.2-23 (PRINT DATE:                                                                           | SRNS            |                      |
| ✓016953     | 06/10/20 | SGW-2009-00003                  | 10693   | REFERENCE DOCUMENT - USE OF LaBr FOR DETECTION AND ANALYSIS OF GAMMA ACTIVITY IN FIELD CONDITIONS (DAVID BENNETT, JEFF ROSS, JOHN ADAMS, AND ANDY SHARPE), SGW-2009-00003                                                                                                                           | SRNS            |                      |
| ✓017041     | 07/28/20 | SRNS-J2240-2010                 | 10693   | SRNS CORRESPONDENCE ON THE SRS SUBMITTAL OF COMMENT RESPONSES TO REVISION 10 (REDLINE) INVESTIGATION-DERIVED WASTE (IDW) MANAGEMENT PLAN, AND SUBMITTAL OF WSRC-RP-94-1227 REVISION 11 (REDLINE), SRNS-J2240-2010-00028,                                                                            | SRNS            |                      |
| ✓017042     | 07/01/20 | WSRC-RP-94-1227 REV. 11 REDLINE | 10693   | SAVANNAH RIVER SITE INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN, WSRC-RP-94-1227, REVISION 11 REDLINE, DATED JULY 1, 2010                                                                                                                                                                           | SRNS            |                      |
| ✓017101     | 08/31/20 | WSRC-OS-94-42                   | 10693   | SAVANNAH RIVER SITE FEDERAL AGREEMENT - REVISION 1 - APPENDIX E - REMOVE PAGES E.1-1 TO E.1-9 (PRINT DATE: JANUARY 13, 2010) [UPDATED MARCH 9, 2010], INSERT PAGE E.1-1 TO E.1-10 (PRINT DATE: JANUARY 13, 2010) [UPDATED AUGUST 27,                                                                | SRNS            |                      |
| ✓017102     | 08/30/20 | 017102                          | 10693   | EPA COMMENTS ON THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT COMMUNITY INVOLVEMENT PLAN (U), WSRC-RP-96-120, REVISION 6, DATED NOVEMBER 2009, RECEIVED ON APRIL 14, 2010                                                                                                                      | CATHY AMOROSO   | B. T. HENNESSEY      |
| ✓017136     | 09/23/20 | ACP-10-250                      | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX D FOR FISCAL YEAR 2010 (PRINT DATE: 09/07/2010)                                                                                                                                                                                 | BRIAN HENNESSEY | R.H. POPE/V. KEISLER |

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|-------------|----------|-----------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------------|
| ✓017140     | 09/09/20 | WSRC-OS-94-42   | 10693   | SAVANNAH RIVER SITE FEDERAL AGREEMENT - REVISION 1 - APPENDIX L - REMOVE PAGES: N/A, INSERT PAGES: 1 - ADDENDUM TO THE STATEMENT OF RESOLUTION OF DISPUTE CONCERNING EXTENSION OF CLOSURE DATES FOR SAVANNAH RIVER SITE                                                                                                                                                                                             | SRNS            |                      |
| ✓017149     | 09/22/20 | 017149          | 10693   | SCDHEC COMMENTS ON THE SAVANNAH RIVER SITE INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN, (WSRC-RP-94-1227, REVISION 11 REDLINE, DATED JULY 1, 2010) RECEIVED JULY 30, 2010                                                                                                                                                                                                                                           | VAN KEISLER     | B. T. HENNESSEY      |
| ✓017151     | 09/28/20 | ACP-10-267      | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION 0, APPENDIX H FOR FISCAL YEAR 2011(PRINT DATE: 09/09/2010)                                                                                                                                                                                                                                                                                                 | BRIAN HENNESSEY | R.H. POPE/V. KEISLER |
| ✓017152     | 09/28/20 | ACP-10-268      | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT (FFA) REVISION 0, APPENDIX C - RCRA/CERCLA UNITS, REVISION 0 - APPENDIX G - SITE EVALUATION AREAS, REVISION 0 - APPENDIX K, D&D FACILITIES FOR FISCAL YEAR 2011 (PRINT DATE                                                                                                                                                                                         | BRIAN HENNESSEY | R.H POPE/V. KEISLER  |
| ✓017171     | 10/04/20 | 017171          | 10693   | SCDHEC APPROVAL OF THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT REVISION 0, APPENDIX D FOR FISCAL YEAR 2010 (PRINT DATE: SEPTEMBER 7, 2010) RECEIVED SEPTEMBER 24, 2010                                                                                                                                                                                                                                       | VAN KEISLER     | B. T. HENNESSEY      |
| ✓017182     | 10/06/20 | 017182          | 10693   | NEWSPAPER ADVERTISEMENT - (PEOPLE SENTINEL) - ON THE HAZARDOUS WASTE PERMIT MODIFICATION REQUESTED ON SAVANNAH RIVER SITE'S 1992 RECOVERY ACT (RCRA) PART B PERMIT RENEWAL APPLICATION TO VOLUMES IV AND V, F-AREA AND SAVANNAH RIVER SITE FEDERAL AGREEMENT - REVISION 1 - APPENDIX D - REMOVE PAGES: D-1 TO D-15 (PRINT DATE: 09-30-2009), INSERT PAGES: D-1 TO D-17 (PRINT DATE: 09-07-2010, UPDATED 10-20-2010) | SRNS            |                      |
| ✓017187     | 10/20/20 | WSRC-OS-94-42   | 10693   | EPA APPROVAL OF THE SAVANNAH RIVER SITE, FEDERAL FACILITY AGREEMENT (FFA) REVISION 0 APPENDIX D FOR FISCAL YEAR 2010 (PRINT DATE: 09/07/2010), DATED SEPTEMBER 23, 2010                                                                                                                                                                                                                                             | SRNS            |                      |
| ✓017190     | 10/18/20 | 017190          | 10693   | NEWSPAPER ADVERTISEMENT - (AIKEN STANDARD) - ON THE HAZARDOUS WASTE PERMIT MODIFICATION REQUESTED ON SAVANNAH RIVER SITE'S 1992 RECOVERY ACT (RCRA) PART B PERMIT RENEWAL APPLICATION TO VOLUMES IV AND V, F-AREA AND DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT (FFA) REVISION 0, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2011 (PRINT DATE: 10/29/2010                                              | ROBERT POPE     | B. T. HENNESSEY      |
| ✓017242     | 10/04/20 | 017242          | 10693   | DOE SUBMITTAL OF THE ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE FOR THE SAVANNAH RIVER SITE (SRNS-RP-2010-01436, NOVEMBER 2010)                                                                                                                                                                                                                                                   | SRNS            |                      |
| ✓017243     | 11/15/20 | ACP-11-116      | 10693   | ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE FOR THE SAVANNAH RIVER SITE, SRNS-RP-2010-01436, DATED NOVEMBER 2010                                                                                                                                                                                                                                                                   | BRIAN HENNESSEY | R.H. POPE/V. KEISLER |
| ✓017252     | 11/22/20 | ACP-11-108      | 10693   | SRNS STANDARDS/REQUIREMENTS IDENTIFICATION DOCUMENT (FACILITY LIST), SRNS-RP-2008-00086-000-M&O, 09-15-MO, DATED NOVEMBER 24, 2009                                                                                                                                                                                                                                                                                  | BRIAN HENNESSEY | R.H. POPE/V. KEISLER |
| ✓017253     | 11/01/20 | SRNS-RP-2010-01 | 10693   |                                                                                                                                                                                                                                                                                                                                                                                                                     | SRNS            |                      |
| ✓017298     | 11/24/20 | SRNS-RP-2008-00 | 10693   |                                                                                                                                                                                                                                                                                                                                                                                                                     | SRNS            |                      |
| ✓017314     | 11/29/20 | ACP-11-112      | 10693   | DOE SUBMITTAL OF THE TRANSMITTAL OF THE FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 2010 (SRNS-RP-2010-01548, NOVEMBER 2010)                                                                                                                                                                                                                                                                  | BRIAN HENNESSEY | R.H. POPE/V. KEISLER |
| ✓017315     | 11/01/20 | SRNS-RP-2010-01 | 10693   | FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 2010, SRNS-RP-2010-01548, NOVEMBER 2010                                                                                                                                                                                                                                                                                                           | SRNS            |                      |

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|-------------|----------|---------------------------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|----------------------|
| ✓017353     | 12/16/20 | ACP-11-132                      | 10693   | DOE SUBMITTAL OF THE EXTENSION REQUEST FOR THE SUBMITTAL OF THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT COMMUNITY INVOLVEMENT PLAN (WSRC-RP-96-120, REVISION 7, JANUARY 2010)                                               | BRIAN HENNESSEY                         | R.H. POPE/V. KEISLER |
| ✓017390     | 09/01/20 | 017390                          | 10693   | DRAFT FOR PUBLIC COMMENT (UPDATE) - TOXICOLOGICAL PROFILE FOR - TRICHLOROBENZENES - SEPTEMBER 2010 (COMMENT PERIOD ENDS: FEBRUARY 24, 2011)                                                                                        | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                      |
| ✓017397     | 01/20/20 | 017397                          | 10693   | SCDHEC APPROVAL OF THE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION 0, APPENDIX H FOR FISCAL YEAR 2011(PRINT DATE: 09/09/2010), DATED SEPTEMBER 28,2010 AND RECEIVED SEPTEMBER 29, 2010                                    | VAN KEISLER                             | B. T. HENNESSEY      |
| ✓017398     | 01/20/20 | 017398                          | 10693   | SCDHEC COMMENTS ON THE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT (FFA) REVISION 0, APPENDIX C - RCRA/CERCLA UNITS, REVISION 0 - APPENDIX G - SITE EVALUATION AREAS, REVISION 0 - APPENDIX K, D&D FACILITIES FOR FISCAL YEAR 2011 | VAN KEISLER                             | B. T. HENNESSEY      |
| ✓017415     | 11/01/20 | 017415                          | 10693   | TOXICOLOGICAL PROFILE FOR - BORON (UPDATE), DATED NOVEMBER 2010                                                                                                                                                                    | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                      |
| ✓017417     | 11/01/20 | 017417                          | 10693   | TOXICOLOGICAL PROFILE FOR - ETHYLBENZENE (UPDATE), DATED NOVEMBER 2010                                                                                                                                                             | U.S. DEPT. OF HEALTH AND HUMAN SERVICES |                      |
| 017451      | 02/22/20 | 017451                          | 10693   | EPA CONDITIONALLY APPROVES: SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT, REVISION 0 APPENDIX C, RCRA/CERCLA UNITS AND REVISION 0, APPENDIX K, D&D FACILITIES AND APPROVES: REVISION 0 APPENDIX G, SITE                          | ROBERT POPE                             | B. T. HENNESSEY      |
| 017462      | 03/01/20 | 017462                          | 10693   | SCDHEC APPROVAL VIA EMAIL ON THE ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE (BOOK 1 OF 2 AND BOOK 2 OF 2)FOR THE SAVANNAH RIVER SITE, (SRNS-RP-2010-01436, DATED NOVEMBER 2010), DATED           | VAN KEISLER                             | B. T. HENNESSEY      |
| 017463      | 02/01/20 | WSRC-RP-98-412 REV. 1.1         | 10693   | LAND USE CONTROL ASSURANCE PLAN FOR THE SAVANNAH RIVER SITE (WSRC-RP-98-4125, REV.1.1, AUGUST 1999) UPDATED FEBRUARY 2011                                                                                                          | SRNS                                    |                      |
| 017468      | 03/01/20 | 017468                          | 10693   | SCDHEC APPROVAL OF THE ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE (ARF/IRF) ANNUAL INDICES UPDATE (BOOK 1 OF 2 AND BOOK 2 OF 2, SRNS-RP-2010-01436, NOVEMBER 2010), DATED NOVEMBER 22, 2010                            | VAN KEISLER                             | B. T. HENNESSEY      |
| +017529     | 03/30/20 | 017529                          | 10693   | SCDHEC APPROVAL OF THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT COMMUNITY INVOLVEMENT PLAN (U), (WSRC-RP-96-120, REVISION 7, FEBRUARY 20110, RECEIVED MARCH 2, 2011                                                          | VAN KEISLER                             | B. T. HENNESSEY      |
| +017626     | 03/29/20 | ER-IDS-019-040 ER-SOP-044 REV 1 | 10693   | FIELD MAINTENANCE CHECKLIST FOR THE LOWER THREE RUNS AT PATTERSON MILL ROAD, BOILING SPRINGS ROAD/STINSON BRIDGE, ROCY POINT ROAD, AND HIGHWAY 125A, ER-IDS-019-040, ER-SOP-044, REV. 1, DATED MARCH 29,2010                       | SRNS                                    |                      |
| +017633     | 02/22/20 | ER-IDS-019-046 ER-SOP-019 REV 1 | 10693   | FIELD MAINTENANCE CHECKLIST FOR THE HIGHWAY 125 UPPER THREE RUNS, FOURMILE BRANCH, PEN BRANCH, AND STEEL CREEK, ER-IDS-019-046, ER-SOP-019, REVISION 1, DATED FEBRUARY 22, 2010                                                    | SRNS                                    |                      |
| +017634     | 03/10/20 | ER-IDS-019-047 ER-SOP-019 REV 1 | 10693   | FIELD MAINTENANCE CHECKLIST FOR THE LTR TAIL WALKDOWN AND RECON (U), ER-IDS-019-047, ER-SOP-019, REVISION 1, DATED MARCH 10, 2010                                                                                                  | SRNS                                    |                      |
| +017636     | 03/11/20 | ER-IDS-019-049 ER-SOP-044 REV 1 | 10693   | FIELD MAINTENANCE CHECKLIST FOR SAVANNAH RIVER AT THE MOUTH OF EACH CREEK (UTR, FOURMILE BRANCH, PEN BRANCH STEEL CREEK, AND LTR), ER-IDS-019-049, ER-SOP-044, REVISION 1, DATED MARCH 11, 2010                                    | SRNS                                    |                      |

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| ✚017680     | 04/26/20 | 017680                             | 10693   | EPA APPROVAL OF THE ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE FOR THE SAVANNAH RIVER SITE SRNS-RP-2010-01436 DATED NOVEMBER 2010                                                                                                                                                                                                                                                                                        | ROBERT POPE     | B. T. HENNESSEY      |
| ✚017681     | 04/15/20 | 017681                             | 10693   | NEWSPAPER ADVERTISEMENT AIKEN STANDARD ON THE HAZARDOUS WASTE PERMIT MODIFICATION REQUESTED ON SAVANNAH RIVER SITES 1992 RECOVERY ACT RCRA PART B PERMIT RENEWAL APPLICATION TO VOLUMES IV F AREA HAZARDOUS                                                                                                                                                                                                                                                | SRNS            |                      |
| ✚017710     | 05/18/20 | ACP-11-191                         | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION 1 APPENDIX C RCRA CERCLA UNITS AND REVISION 1 APPENDIX K D&D FACILITIES FOR FISCAL YEAR 2011 PRINT DATE 04/20/2011 AND RESPONSES TO REGULATORY COMMENTS ON THE FIELD INSPECTION CHECKLIST FOR THE INTERIM SANITARY LANDFILL BUILDING 741-G U                                                                                                                                                      | BRIAN HENNESSEY | R.H. POPE/V. KEISLER |
| ✚017742     | 02/19/20 | ER-IDS-019-023<br>ER-SOP-019 REV 4 | 10693   |                                                                                                                                                                                                                                                                                                                                                                                                                                                            | SRNS            |                      |
| ✚017764     | 03/01/20 | 017764                             | 10693   | EPA CONDITIONAL APPROVAL ON THE FEDERAL FACILITY AGREEMENT FFA REVISION 1 APPENDIX E LONG-TERM PROJECTIONS FOR FISCAL YEAR 2011 PRINT DATE 01/24/2011 DATED JANUARY 31, 2011                                                                                                                                                                                                                                                                               | ROBERT POPE     | B. T. HENNESSEY      |
| ✚017776     | 06/10/20 | WSRC-OS-94-42                      | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT - REVISION 1 APPENDIX C, REMOVE PAGES C.1-1 TO C.1-21 PRINT DATE MARCH 29, 2010, INSERT PAGES C.1-1 TO C.1-23 (PRINT DATE: APRIL 20, 2011), REMOVE PAGES C.2-1 TO C.2-23 (PRINT DATE: SCDHEC APPROVAL OF THE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION 1 APPENDIX C RCRA/CERCLA UNITS AND REVISION 1 APPENDIX K D&D FACILITIES FOR FISCAL YEAR 2011 PRINT DATE: 04/20/2011 RECEIVED MAY 19, 2011 | SRNS            |                      |
| ✚017785     | 06/08/20 | 017785                             | 10693   | TITLE V PERMIT 2010 AIR EMISSIONS INVENTORY                                                                                                                                                                                                                                                                                                                                                                                                                | VAN KEISLER     | B. T. HENNESSEY      |
| ✚017795     | 05/03/20 | SRNS-P3000-2011                    | 10693   |                                                                                                                                                                                                                                                                                                                                                                                                                                                            | SRNS            |                      |
| ✚017861     | 08/03/20 | 017861                             | 10693   | NEWSPAPER ADVERTISEMENT - (AIKEN STANDARD) - ON THE CLASS 2 HAZARDOUS WASTE PERMIT MODIFICATIONS REQUESTED AT THE SAVANNAH RIVER SITE                                                                                                                                                                                                                                                                                                                      | SRNS            |                      |
| ✚017866     | 08/03/20 | 017866                             | 10693   | NEWSPAPER ADVERTISEMENT - (THE PEOPLE SENTINEL) - ON THE CLASS 2 HAZARDOUS WASTE PERMIT MODIFICATIONS REQUESTED AT THE SAVANNAH RIVER SITE                                                                                                                                                                                                                                                                                                                 | SRNS            |                      |
| ✚017882     | 08/03/20 | 017882                             | 10693   | NEWSPAPER ADVERTISEMENT - (THE STATE) - ON THE CLASS 2 HAZARDOUS WASTE PERMIT MODIFICATIONS REQUESTED AT THE SAVANNAH RIVER SITE                                                                                                                                                                                                                                                                                                                           | SRNS            |                      |
| ✚017936     | 09/14/20 | 017936                             | 10693   | NEWSPAPER ADVERTISEMENT - (THE PEOPLE SENTINEL) - CLASS 2 NOTICE RCRA PERMIT APPLICATION MODIFICATION REQUESTED FOR THE MIXED WASTE MANAGEMENT FACILITY AT THE SAVANNAH RIVER SITE.                                                                                                                                                                                                                                                                        | SRNS            |                      |
| ✚017938     | 09/30/20 | ACP-11-249                         | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION.0 APPENDIX H FOR FISCAL YEAR 2012 (PRINT DATE: 09/22/2011)                                                                                                                                                                                                                                                                                                                                        | B. T. HENNESSEY | R. POPE/V. KEISLER   |
| ✚017939     | 09/30/20 | ACP-11-250                         | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION.0 APPENDIX C, RCRA/CERCLA UNITS, APPENDIX G, SITE EVALUATION AREAS, AND APPENDIX K, D&D FACILITIES, FOR FISCAL YEAR 2012 (PRINT DATE: 09/22/2011)                                                                                                                                                                                                                                                 | B. T. HENNESSEY | R. POPE/ V. KEISLER  |
| ✚017944     | 10/07/20 | ACP-12-102                         | 10693   | DOE SUBMITTAL OF THE FISCAL YEAR 2011 FEDERAL FACILITY AGREEMENT REVISION.0 APPENDIX D FOR FISCAL YEAR 2011 (PRINT DATE: 09/30/2011)                                                                                                                                                                                                                                                                                                                       | B. T. HENNESSEY | R. POPE/ V. KEISLER  |

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|-------------|----------|--------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------|
| ✚017959     | 10/20/20 | ACP-12-103               | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT (FFA) MODIFICATION FOR APPENDIX J: DATA MANAGEMENT PLAN                                                                                                                       | B. T. HENNESSEY | R. POPE/V. KEISLER  |
| ✚017968     | 10/19/20 | 017968                   | 10693   | SCDHEC APPROVAL OF THE FISCAL YEAR 2011 FEDERAL FACILITY AGREEMENT REVISION.0 APPENDIX D FOR FISCAL YEAR 2011 (PRINT DATE: 09/30/2011) RECEIVED OCTOBER 10, 2011.                                                             | VAN KEISLER     | B. T. HENNESSEY     |
| ✚017971     | 10/24/20 | 017971                   | 10693   | EPA APPROVAL OF THE SAVANNAH RIVER SITE, FEDERAL FACILITY AGREEMENT (FFA) REVISION 0 APPENDIX D, FOR FISCAL YEAR 2011 (PRINT DATE 9/30/2011)                                                                                  | R. POPE         | B. T. HENNESSEY     |
| ✚017979     | 11/02/20 | WSRC-OS-94-42            | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT - REVISION 0 APPENDIX 0 REMOVE PAGES D-1 TO D-17 PRINT DATE 9/7/2010 AND REPLACE WITH D-1 TO D-9 PRINT DATE 9/30/2011; REMOVE FFA MODIFICATION PAGE 13 AND REPLACE WITH        | SRNS            |                     |
| ✚017981     | 11/09/20 | 017981                   | 10693   | SCDHEC CORRESPONDENCE FOR SIGNATURE ON THE FEDERAL FACILITY AGREEMENT (FFA) MODIFICATION FOR APPENDIX J: DATA MANAGEMENT                                                                                                      | V. KEISLER      | R. POPE             |
| ✚017993     | 11/15/20 | ACP-12-110               | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT (FFA) REVISION.0 APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2012 (PRINT DATE: 11/01/2011)                                                                              | B. T. HENNESSEY | R. POPE/ V. KEISLER |
| ✚018019     | 11/17/20 | 018019                   | 10693   | EPA APPROVAL OF THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT (FFA) MODIFICATION OF APPENDIX J: DATA MANAGEMENT                                                                                                          | R. POPE         | B. T. HENNESSEY     |
| ✚018028     | 12/13/20 | ACP-12-114               | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT ANNUAL REMOVAL ACTION REPORT FOR FISCAL YEAR 2011                                                                                                                             | B. T. HENNESSEY | R. POPE/V. KEISLER  |
| ✚018035     | 12/01/20 | EQMD-12-015              | 10693   | DOE SUBMITTAL OF THE 2012-2016 SAVANNAH RIVER SITE (SRS) FISH SAMPLING AND ANALYTICAL PLAN (FMP)                                                                                                                              | A. GRAINGER     | J. HARDEMAN         |
| ✚018050     | 12/15/20 | 018050                   | 10693   | EPA COMMENTS ON THE RE-EVALUATION OF SRS CERCLA IMPLEMENTATION PROTOCOL "EVALUATION OF SOURCE MATERIALS AT SRS WASTE UNITS" DATED SEPTEMBER 11, 2006                                                                          | R. POPE         | B. T. HENNESSEY     |
| ✚018055     | 12/22/20 | 018055                   | 10693   | EPA COMMENTS ON THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT (FFA) REVISION.0 APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2012 (PRINT DATE: 11/1/2011) DATED NOVEMBER 15, 2011                                    | ROBERT H. POPE  | B. T. HENNESSEY     |
| ✚018069     | 11/01/20 | SRNS-RP-2011-01<br>REV 0 | 10693   | ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE FOR THE SAVANNAH RIVER SITE, SRNS-RP-2011-01511, DATED NOVEMBER 2011 (REPRINTED DECEMBER 2011 DUE TO DATE ERRORS)                                | SRNS            |                     |
| ✚018081     | 01/25/20 | 018081                   | 10693   | SCDHEC COMMENTS ON THE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION.0 APPENDIX H FOR FISCAL YEAR 2012 (PRINT DATE: 09/22/2011) DATED SEPTEMBER 30, 2011 AND RECEIVED OCTOBER 4, 2011.                                 | VAN KEISLER     | B. T. HENNESSEY     |
| ✚018082     | 01/25/20 | 018082                   | 10693   | SCDHEC COMMENTS ON THE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION.0 APPENDIX C, RCRA/CERCLA UNITS, APPENDIX G, SITE EVALUATION AREAS, AND APPENDIX K, D&D FACILITIES, FOR FISCAL YEAR 2012 (PRINT DATE: 09/22/2011) | VAN KEISLER     | B. T. HENNESSEY     |
| ✚018091     | 01/31/20 | ACP-12-125               | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT (FFA) REVISION.1 APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2012 (PRINT DATE: 01/18/2012) AND SAVANNAH RIVER SITE RESPONSES TO THE REGULATORY COMMENTS ON THE FFA      | B. T. HENNESSEY | R. POPE/V. KEISLER  |

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| ✚018102     | 02/06/20 | 018102          | 10693   | EPA APPROVAL OF THE ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE (SRNS-RP-2011-01511, NOVEMBER 2011) RECEIVED DECEMBER 1, 2011                                                         | R. POPE    | B. T. HENNESSEY |
| ✚018106     | 02/02/20 | 018106          | 10693   | EPA LETTER ON USE OF SAVANNAH RIVER SITE (SRS) PRINCIPAL THREAT SOURCE MATERIAL (PTSM) PROTOCOL                                                                                                                        | F. HILL    | D. MOODY        |
| ✚018108     | 02/06/20 | 018108          | 10693   | NEWSPAPER ADVERTISEMENT - (AIKEN STANDARD) - ON THE CLASS 2 NOTICE HAZARDOUS WASTE PERMIT MODIFICATION REQUESTED FOR SAVANNAH RIVER SITE'S (SRS) 1992 RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) PART B             | SRNS       |                 |
| ✚018109     | 02/08/20 | 018109          | 10693   | NEWSPAPER ADVERTISEMENT - (THE PEOPLE SENTINEL) - ON THE CLASS 2 NOTICE HAZARDOUS WASTE PERMIT MODIFICATION REQUESTED FOR SAVANNAH RIVER SITE'S (SRS) 1992 RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) PART B        | SRNS       |                 |
| ✚018138     | 02/29/20 | 018138          | 10693   | SCDHEC CONDITIONAL APPROVAL OF THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT REVISION 1 APPENDIX E LONG TERM PROJECTIONS FOR FISCAL YEAR 2012 PRINT DATE 01-18-2012 DATED JANUARY 31 2012 AND RECEIVED FEBRUARY 2 | V. KEISLER | B. T. HENNESSEY |
| ✚018144     | 03/03/20 | 018144          | 10693   | EPA CONDITIONAL APPROVAL OF THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT (FFA), REVISION 1 APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2012 DATED JANUARY 31, 2012 AND RECEIVED FEBRUARY 2, 2012           | R.H.POPE   | B. T. HENNESSEY |
| ✚018196     | 05/04/20 | ER-IDS-019-037  | 10693   | INSPECTION CHECKLIST FOR THE H-AREA INACTIVE PROCESS SEWER ER-IDS-019-037 REVISION 2                                                                                                                                   | SRNS       |                 |
| ✚018197     | 06/06/20 | ER-IDS-019-037  | 10693   | INSPECTION CHECKLIST FOR THE H-AREA INACTIVE PROCESS SEWER ER-IDS-019-037 REVISION 2                                                                                                                                   | SRNS       |                 |
| ✚018199     | 08/05/20 | ER-IDS-019-037  | 10693   | INSPECTION CHECKLIST FOR THE H-AREA INACTIVE PROCESS SEWER ER-IDS-019-037 REVISION 2                                                                                                                                   | SRNS       |                 |
| ✚018200     | 09/16/20 | ER-IDS-019-037  | 10693   | INSPECTION CHECKLIST FOR THE H-AREA INACTIVE PROCESS SEWER ER-IDS-019-037 REVISION 2                                                                                                                                   | SRNS       |                 |
| ✚018219     | 03/19/20 | SRNS-J2000-2012 | 10693   | DRAFT SRS RESPONSES TO THE SCDHEC COMMENTS ON THE AREA COMPLETION PROJECTS PROGRAMMATIC QUALITY ASSURANCE PROJECT PLAN FOR ENVIRONMENTAL DATA COLLECTION AND MANAGEMENT ERD-AG-2005-00001 REVISION                     | S. MCFALLS | H. CATHCART     |
| ✚018226     | 03/02/20 | ER-IDS-019-049  | 10693   | FIELD MAINTENANCE CHECKLIST SAVANNAH RIVER AT THE MOUTH OF EACH CREEK ER-IDS-019-049 REVISION 1                                                                                                                        | SRNS       |                 |
| ✚018229     | 02/01/20 | ERD-AG-2005-000 | 10693   | AREA COMPLETION PROJECTS PROGRAMMATIC QUALITY ASSURANCE PROJECT PLAN FOR ENVIRONMENTAL DATA COLLECTION AND MANAGEMENT ERD-AG-2005-00001 REVISION 5 DRAFT FEBRUARY 2012                                                 | SRNS       |                 |
| ✚018233     | 07/01/20 | ERD-EN-2010-009 | 10693   | SCOPING SUMMARY FOR THE DEVELOPMENT OF AREA COMPLETION PROJECTS SAMPLING AND ANALYSIS PLANS                                                                                                                            | SRNS       |                 |
| ✚018253     | 12/10/20 | ER-IDS-019-037  | 10693   | FIELD INSPECTION CHECKLIST H AREA INACTIVE PROCESS SEWER ER-IDS-019-037 REVISION 2                                                                                                                                     | SRNS       |                 |



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| ✚018271     | 02/23/20 | ER-IDS-019-046           | 10693   | FIELD MAINTENANCE CHECKLIST HIGHWAY 125 BRIDGE CROSSING CHECKLIST<br>ER-IDS-019-046 REVISION 1                                                                                                                                                                                    | SRNS            |                       |
| ✚018272     | 09/12/20 | ER-IDS-019-048           | 10693   | FIELD INSPECTION CHECKLIST FOR R-REACTOR SEEPAGE BASINS 904-57G -58G -59G<br>-60G -103G -104G ER-IDS-019-048 REVISION 2                                                                                                                                                           | SRNS            |                       |
| ✚018273     | 09/14/20 | ER-IDS-019-050           | 10693   | INSPECTION DATA SHEETS M AREA INACTIVE PROCESS SEWER LINE MIPS L OPERABLE<br>UNIT 081-M ER-IDS-019-050 REVISION 1                                                                                                                                                                 | SRNS            |                       |
| ✚018288     | 05/03/20 | ACP-12-151               | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION 1 APPENDIX H FOR<br>FISCAL YEAR 2012 PRINT DATE 05-01-2012 AND SAVANNAH RIVER SITE RESPONSES TO<br>REGULATORY COMMENTS ON THE REVISION 0 APPENDIX H                                                                      | B. T. HENNESSEY | R. POPE/V.<br>KEISLER |
| ✚018289     | 05/04/20 | ACP-12-147               | 10693   | DOE SUBMITTAL OF THE AREA COMPLETION PROJECTS PROGRAMMATIC QUALITY<br>ASSURANCE PROJECT PLAN FOR ENVIRONMENTAL DATA COLLECTION AND<br>MANAGEMENT ERD-AG-2005-00001 REVISION 5 APRIL 2012 AND SCOPING SUMMARY                                                                      | B. T. HENNESSEY | R. POPE/V.<br>KEISLER |
| ✚018291     | 04/01/20 | ERD-EN-2010-009<br>FINAL | 10693   | SCOPING SUMMARY FOR THE DEVELOPMENT OF AREA COMPLETION PROJECTS<br>SAMPLING AND ANALYSIS PLANS ERD-EN-2010-0090 FINAL APRIL 2012                                                                                                                                                  | SRNS            |                       |
| ✚018301     | 05/09/20 | ACP-12-152               | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION 1 APPENDIX C<br>RCRA CERCLA UNITS AND APPENDIX G SITE EVALUATION AREAS FOR FISCAL YEAR<br>2012 PRINT DATE 05-01-2012 AND SAVANNAH RIVER SITE RESPONSES TO THE                                                            | B. T. HENNESSEY | R. POPE/V.<br>KEISLER |
| ✚018314     | 05/18/20 | WSRC-OS-94-42            | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT Changes Dated 5/18/2012<br>Appendix H H.1-1 to H.1-4 Print Date 05/01/2012 Appendix H H.2-1 to H.2-24 Print Date<br>05/01/2012 FFA Modification Record Pages 13-14                                                                 | SRNS            |                       |
| ✚018315     | 05/18/20 | 018315                   | 10693   | SCDHEC APPROVAL OF THE FEDERAL FACILITY AGREEMENT REVISION 1 APPENDIX H<br>FOR FISCAL YEAR 2012 PRINT DATE 05-01-2012 DATED MAY 3 2012 AND RECEIVED MAY<br>4 2012                                                                                                                 | V. KEISLER      | B. T.<br>HENNESSEY    |
| ✚018336     | 06/05/20 | WSRC-OS-94-42            | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT CHANGES DATED 6/5/2012<br>APPENDIX C C.1-1 to C.1-23 C.2-1 to C.2-24 C.3-1 to C.3-1 C.4-1 to C.4-4 C.5-1 to C.5-17<br>APPENDIX G G.1-1 to G.1-1 G.2-1 to G.2-14 PRINT DATES 5/1/2012; APPENDIX K K.1-1 to                          | SRNS            |                       |
| ✚018382     | 07/03/20 | ACP-12-172               | 10693   | DOE SUBMITTAL OF THE C-AREA GROUNDWATER IMPLEMENTATION SCHEDULE                                                                                                                                                                                                                   | B. T. HENNESSEY | R. POPE/V.<br>KEISLER |
| ✚018408     | 08/01/20 | 018408                   | 10693   | SCDHEC APPROVAL OF THE C-AREA GROUNDWATER IMPLEMENTATION SCHEDULE<br>DATED JULY 3, 2012                                                                                                                                                                                           | V. KEISLER      | B. HENNESSEY          |
| ✚018418     | 08/07/20 | WSRC-OS-94-42            | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT: Changes Dated 8/7/2012; E.1-1<br>to E.1-5 (Print Date 1/18/2012, Updated 8/7/2012); E.2-1 to E.2-4 (Print Date 1/18/2012, Updated<br>8/7/2012); E.3-1 to E.3-20 (Print Date 1/18/2012, Updated 8/7/2012; FFA Modification Page 15 | SRNS            |                       |
| ✚018419     | 08/06/20 | 018419                   | 10693   | EPA APPROVAL OF THE C AREA GROUNDWATER IMPLEMENTATION SCHEDULE DATED<br>JULY 3 2012                                                                                                                                                                                               | ROBERT H. POPE  | BRIAN T.<br>HENNESSEY |
| ✚018463     | 08/31/20 | 018463                   | 10693   | NEWSPAPER ADVERTISEMENT AIKEN STANDARD ON THE UNITED STATES<br>DEPARTMENT OF ENERGY CONDUCTS FOURTH FIVE YEAR REMEDY REVIEW AT<br>SAVANNAH RIVER SITE                                                                                                                             | SRNS            |                       |



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| ✚018479     | 08/31/20 | 018479                                 | 10693   | NEWSPAPER ADVERTISEMENT THE STATE ON THE UNITED STATES DEPARTMENT OF ENERGY CONDUCTS FOURTH FIVE YEAR REMEDY REVIEW AT SAVANNAH RIVER SITE                                                                           | SRNS               |                            |
| ✚018480     | 09/12/20 | 018480                                 | 10693   | NEWSPAPER ADVERTISEMENT THE PEOPLE SENTINEL ON THE NOTICE OF AVAILABILITY EXPLANATION OF SIGNIFICANT DIFFERENCES ISSUED FOR THE INTERIM ACTION RECORD OF DECISION REMEDIAL ALTERNATIVE SELECTION PAR POND UNIT       | SRNS               |                            |
| ✚018491     | 08/31/20 | 018491                                 | 10693   | NEWSPAPER ADVERTISEMENT THE AUGUSTA CHRONICLE ON THE U. S. DEPARTMENT OF ENERGY CONDUCTS FOURTH FIVE YEAR REMEDY REVIEW AT SAVANNAH RIVER SITE                                                                       | SRNS               |                            |
| ✚018502     | 09/28/20 | ACP-12-199                             | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX H FOR FISCAL YEAR 2013 PRINT DATE 09/19/2012                                                                                                     | B. HENNESSEY       | R. POPE/V. KEISLER         |
| ✚018503     | 09/28/20 | ACP-12-200                             | 10693   | DOE SUBMITTAL OF THE FISCAL YEAR 2012 BUDGET ALLOTMENT FOR ENVIRONMENTAL COMPLIANCE AND AREA COMPLETION PROJECTS AND FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX D FOR FISCAL YEAR 2012 PRINT DATE                | BRIAN T. HENNESSEY | ROBERT H. POPE/VAN KEISLER |
| ✚018504     | 09/28/20 | ACP-12-201                             | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX C RCRA/CERCLA UNITS REVISION 0 APPENDIX G SITE EVALUATION AREAS AND REVISION 0 APPENDIX K D&D FACILITIES FOR FISCAL YEAR 2013 PRINT DATE 9/20/12 | BRIAN T. HENNESSEY | ROBERT H. POPE/VAN KEISLER |
| ✚018531     | 10/10/20 | 018531                                 | 10693   | SCDHEC APPROVAL OF THE FISCAL YEAR 2012 BUDGET ALLOTMENT FOR ENVIRONMENTAL COMPLIANCE AND AREA COMPLETION PROJECTS AND FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX D FOR FISCAL YEAR 2012 PRINT DATE              | VAN KEISLER        | BRIAN T. HENNESSEY         |
| ✚018535     | 10/16/20 | WSRC-OS-94-42                          | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT: Changes Dated 10/16/2012; Appendix D Print Date 9/19/2012; Record of Modifications Page 15                                                                           | SRNS               |                            |
| ✚018540     | 08/01/95 | DOE/EA-1070                            | 10693   | ENVIRONMENTAL ASSESSMENT FOR THE NATURAL FLUCTUATION OF WATER LEVEL IN PAR POND AND REDUCED WATER FLOW IN STEEL CREEK BELOW L-LAKE AT THE SAVANNAH RIVER SITE                                                        | DOE                |                            |
| ✚018541     | 06/01/20 | WSRC-STI-2006-0 REV.0                  | 10693   | MASS BALANCE A KEY TO ADVANCING MONITORED AND ENHANCED ATTENUATION FOR CHLORINATED SOLVENTS                                                                                                                          | WSRC               |                            |
| ✚018543     | 11/01/20 | IDSS-1                                 | 10693   | INTEGRATED DNAPL SITE STRATEGY                                                                                                                                                                                       |                    |                            |
| ✚018544     | 01/28/98 | DOE/EIS-0268 (JANUARY 1998) 63 FR 4236 | 10693   | RECORD OF DECISION SHUTDOWN OF THE RIVER WATER SYSTEM AT THE SAVANNAH RIVER SITE SAVANNAH RIVER OPERATIONS OFFICE AIKEN SOUTH CAROLINA                                                                               |                    |                            |
| ✚018545     | 05/01/97 | DOE/EIS-0268                           | 10693   | FINAL ENVIRONMENTAL IMPACT STATEMENT SHUTDOWN OF THE RIVER WATER SYSTEM AT THE SAVANNAH RIVER SITE AIKEN SOUTH CAROLINA                                                                                              | DOE                |                            |
| ✚018546     | 10/16/20 | 018546                                 | 10693   | EPA APPROVAL OF THE FISCAL YEAR 2012 BUDGET ALLOTMENT FOR ENVIRONMENTAL COMPLIANCE AND AREA COMPLETION PROJECTS AND FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX D FOR FISCAL YEAR 2012 PRINT DATE 9./19/12        | ROBERT H. POPE     | BRIAN T. HENNESSEY         |
| ✚018559     | 09/30/20 | 018559                                 | 10693   | SCDHEC LETTER RE EVALUATION OF THE STATUS OF THE UNITED STATES DEPARTMENT OF ENERGY US DOE SAVANNAH RIVER SITE SRS UNDER THE RCRA INFOR CORRECTIVE ACTION ENVIRONMENT INDICATOR EVENT CODES CA725 AND                | SCDHEC             |                            |

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| ✚018560     | 05/01/20 | SRNL-STI-2012-0C Rev 0  | 10693   | TREATABILITY STUDY FOR EDIBLE OIL DEPLOYMENT FOR ENHANCED cVOC ATTENUATION FOR T AREA SAVANNAH RIVER SITE                                                                                                        | SRNL               |                            |
| ✚018561     | 03/15/20 | SRNL-STI-2009-0C Rev. 1 | 10693   | ENHANCED ATTENUATION TECHNOLOGIES PASSIVE SOIL VAPOR EXTRACTION                                                                                                                                                  | SRNL               |                            |
| ✚018564     | 10/01/20 | SRNS-TR-2009-00 REV 2   | 10693   | SAVANNAH RIVER SITE GROUNDWATER PROTECTION PROGRAM SRNS-TR-2009-00076 REVISION 2 OCTOBER 2012                                                                                                                    | SRNS               |                            |
| ✚018565     | 09/17/20 | 018565                  | 10693   | NEWSPAPER ADVERTISEMENT THE AUGUSTA CHRONICLE ON THE PUBLIC NOTICE STATEMENT OF BASIS PROPOSED PLAN B AREA OPERABLE UNIT                                                                                         | SRNS               |                            |
| ✚018566     | 09/13/20 | 018566                  | 10693   | NEWSPAPER ADVERTISEMENT THE AUGUSTA CHRONICLE ON THE NOTICE OF AVAILABILITY EXPLANATION OF SIGNIFICANT DIFFERENCES ISSUED FOR THE INTERIM ACTION RECORD OF DECISION REMEDIAL ALTERNATIVE SELECTION PAR POND UNIT | SRNS               |                            |
| ✚018576     | 11/05/20 | 018576                  | 10693   | PERIODIC REPORT 4 FOR THE LOWER THREE RUNS INTEGRATOR OPERABLE UNIT U CERCLIS NUMBER 35 SRNS-RP-2011-01535 REVISION 1 AUGUST 2012 HARD COPY                                                                      | WADE C. WHITAKER   | SRNS                       |
| ✚018577     | 10/19/20 | 018577                  | 10693   | SEMI-ANNUAL 2012 M AREA AND METALLURGICAL LABORATORY HAZARDOUS WASTE MANAGEMENT FACILITES GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT U VOLUMES I AND II SRNS-RP-2012-00622 SEPTEMBER 2012 CD-ROM        | WADE C. WHITAKER   | SRNS                       |
| ✚018578     | 11/15/20 | ACP-13-110              | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT FFA REVISION 0 APPENDIX E LONG TERM PROJECTIONS FOR FISCAL YEAR 2013 PRINT DATE 10/29/12                                                                         | BRIAN T. HENNESSEY | ROBERT H. POPE/VAN KEISLER |
| ✚018588     | 11/01/20 | ERD-EN-2012-002         | 10693   | SCOPING SUMMARY FOR THE DEVELOPMENT OF THE SAVANNAH RIVER SITE FOURTH FIVE YEAR REMEDY REVIEW REPORT U ERD-EN-2012-0020 FINAL NOVEMBER 2012                                                                      | SRNS               |                            |
| ✚018589     | 11/28/20 | ACP-13-103              | 10693   | DOE SUBMITTAL OF THE ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE ARF/IRF ANNUAL INDICES UPDATE SRNS-RP-2012-00740 NOVEMBER 2012                                                                       | BRIAN T. HENNESSEY | ROBERT H. POPE/VAN KEISLER |
| ✚018590     | 11/01/20 | SRNS-RP-2012-0C REV 0   | 10693   | ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATES SRNS-RP-2012-00740 NOVEMBER 2012                                                                                                   | SRNS               |                            |
| ✚018591     | 11/16/20 | ACP-13-112              | 10693   | DOE SUBMITTAL OF THE FOURTH FIVE-YEAR REMEDY REVIEW REPORT FOR THE SAVANNAH RIVER SITE SRS AIKEN SOUTH CAROLINA VOLUMES I AND II SRNS-RP-2012-00011 REVISION 0 NOVEMBER 2012 AND SCOPING SUMMARY FOR THE         | BRIAN T. HENNESSEY | ROBERT H. POPE/VAN KEISLER |
| ✚018592     | 11/01/20 | SRNS-RP-2012-0C         | 10693   | FOURTH FIVE-YEAR REMEDY REVIEW REPORT FOR THE SAVANNAH RIVER SITE AIKEN SOUTH CAROLINA VOLUME I AND II SRNS-RP-2012-00011 REVISION 0 NOVEMBER 2012                                                               | SRNS               |                            |
| ✚018593     | 11/29/20 | ACP-13-107              | 10693   | DOE SUBMITTAL OF THE TRANSMITTAL OF THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 2012 SRNS-RP-2012-00779 NOVEMBER 2012                                              | BRIAN T. HENNESSEY | ROBERT H. POPE VAN KEISLER |
| ✚018594     | 11/01/20 | SRNS-RP-2012-0C         | 10693   | FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 2012                                                                                                                                           | SRNS               |                            |

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| ✚018606     | 12/11/20 | 018606                      | 10693   | EMAIL RESPONSE FROM JON RICHARDS REGARDING APPROVAL OF THE DOE SUBMITTAL OF THE SAVANNAH RIVER SITES RESPONSES TO THE REGULATORY COMMENTS ON THE DECOMMISSIONING PROJECT FINAL REPORT CONTAINMENT TANK LAND USE CONTROL ASSURANCE PLAN FOR THE SAVANNAH RIVER SITE WSRC-RP-98-4125 REVISION 1.1 AUGUSTA 1999 UPDATED OCTOBER 2011 | JON RICHARDS       | SRNS                       |
| ✚018615     | 10/01/20 | WSRC-RP-98-412              | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT ANNUAL REMOVAL ACTION REPORT FOR FISCAL YEAR 2012                                                                                                                                                                                                                                 | SRNS               |                            |
| ✚018616     | 12/13/20 | ACP-13-116                  | 10693   | SCDHEC COMMENTS ON THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT FFA REVISION 0 APPENDIX E LONG-TERM PROJECTIONS FOR FISCAL YEAR 2013 PRINT DATE 10/29/2012 DATED NOVEMBER 15, 2012 AND RECEIVED NOVEMBER 16, 2012                                                                                                           | BRIAN T. HENNESSEY | ROBERT H. POPE/VAN KEISLER |
| ✚018633     | 12/21/20 | 018633                      | 10693   | SCDHEC APPROVAL OF THE ADMINISTRATIVE RECORD FILE INFORMATION REPOSITORY FILE (ARF/IRF) ANNUAL INDICES UPDATE (SRNS-RP-2012-00740 NOVEMBER 2012) RECEIVED NOVEMBER 29 2012                                                                                                                                                        | VAN KEISLER        | BRIAN T. HENNESSEY         |
| ✚018639     | 01/07/20 | 018639                      | 10693   | EPA COMMENTS ON THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT (FFA) REVISION 0 APPENDIX E LONG TERM PROJECTIONS FOR FISCAL YEAR 2013 (PRINT DATE 10/29/2012 DATED NOVEMBER 15, 2012)                                                                                                                                         | VAN KEISLER        | BRIAN HENNESSEY            |
| ✚018641     | 12/26/20 | 018641                      | 10693   | SCDHEC COMMENTS ON THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX H FOR FISCAL YEAR 2013 (PRINT DATE 9/19/2012) DATED SEPTEMBER 28 2012 AND RECEIVED OCTOBER 3 2012                                                                                                                                                           | ROBERT H. POPE     | BRIAN T. HENNESSEY         |
| ✚018667     | 01/25/20 | 018667                      | 10693   | SCDHEC COMMENTS ON THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX C RCRA/CERCLA UNITS REVISION 0 APPENDIX G SITE EVALUATION AREAS AND REVISION 0 APPENDIX K D&D FACILITIES FOR FISCAL YEAR 2013 (PRINT DATE 9/20/2012) DATED                                                                                                  | VAN KEISLER        | BRIAN T. HENNESSEY         |
| ✚018668     | 01/25/20 | 018668                      | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT FFA REVISION 1 APPENDIX E LONG TERM PROJECTIONS FOR FISCAL YEAR 2013 PRINT DATE 1/16/13 AND SAVANNAH RIVER SITE RESPONSES TO THE REGULATORY COMMENTS ON THE REVISION 0                                                                                                            | BRIAN T. HENNESSEY | ROBERT H. POPE VAN KEISLER |
| ✚018670     | 01/30/20 | ACP-13-132                  | 10693   | EPA APPROVAL OF THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX C RCRA/CERCLA UNITS REVISION 0 APPENDIX G SITE EVALUATION AREAS AND REVISION 0 APPENDIX K D&D FACILITIES FOR FISCAL YEAR 2013 PRINT DATE 9/20/12 DATED                                                                                                         | ROBERT H. POPE     | BRIAN T. HENNESSEY         |
| ✚018671     | 01/31/20 | 018671                      | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT: CHANGES DATED 3/1/2013; APPENDIX E PRINT DATE 1/16/2013, UPDATED 3/1/2013 (APPENDIX E.1, E.2, E.3); RECORD OF MODIFICATIONS PAGE 15                                                                                                                                               | SRNS               |                            |
| ✚018701     | 03/01/20 | WSRC-OS-94-42               | 10693   | EPA APPROVAL OF THE FEDERAL FACILITY AGREEMENT FFA REVISION 1 APPENDIX E LONG TERM PROJECTIONS FOR FISCAL YEAR 2013 PRINT DATE 1/16/13 DATED JANUARY 30 2013                                                                                                                                                                      | ROBERT H. POPE     | BRIAN T. HENNESSEY         |
| ✚018719     | 02/28/20 | 018719                      | 10693   | SCDHEC APPROVAL OF THE FEDERAL FACILITY AGREEMENT FFA REVISION 1 APPENDIX E LONG TERM PROJECTIONS FOR FISCAL YEAR 2013 PRINT DATE 1/16/13 DATED JANUARY 30 2013 AND RECEIVED JANUARY 31, 2013                                                                                                                                     | VAN KEISLER        | BRIAN T. HENNESSEY         |
| ✚018722     | 02/28/20 | 018722                      | 10693   | LAND USE CONTROL ASSURANCE PLAN FOR THE SAVANNAH RIVER SITE WSRC-RP-98-4125 REVISION 1.1 AUGUST 1999 UPDATED MARCH 2013                                                                                                                                                                                                           | SRNS               |                            |
| ✚018737     | 03/01/20 | WSRC-RP-98-412 REVISION 1.1 | 10693   | SCDHEC COMMENTS ON THE FOURTH FIVE-YEAR REMEDY REVIEW REPORT FOR THE SAVANNAH RIVER SITE AIKEN, SOUTH CAROLINA VOLUMES I AND II SRNS-RP-2012-00011 REVISION 0 NOVEMBER 2013 RECEIVED NOVEMBER 19, 2012                                                                                                                            | VAN KEISLER        | BRIAN T. HENNESSEY         |
| ✚018751     | 03/14/20 | ARF-018751                  | 10693   |                                                                                                                                                                                                                                                                                                                                   |                    |                            |

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| ✚018757     | 03/22/20 | 018757         | 10693   | EPA THIRTY-DAY EXTENSION NOTIFICATION FOR THE FORTH FIVE YEAR REMEDY REVIEW REPORT FOR THE SAVANNAH RIVER SITE VOLUMES I AND II<br>SRNS-RP-2012-00011 REVISION 0 NOVEMBER 2012                                                                                            | ROBERT H. POPE     | BRIAN T. HENNESSEY         |
| ✚018760     | 03/28/20 | ACP-13-151     | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT (FFA) REVISION.1 APPENDIX H FOR FISCAL YEAR 2013 (PRINT DATE: 03/22/2013) AND SAVANNAH RIVER SITE (SRS) RESPONSES TO THE REGULATORY COMMENTS ON THE REVISION.0 APPENDIX H FOR                                             | BRIAN T. HENNESSEY | ROBERT H. POPE VAN KEISLER |
| ✚018774     | 03/28/20 | ACP-13-152     | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION 1 APPENDIX C RCRA/CERCLA UNITS REVISION 1 APPENDIX G SITE EVALUATION AREAS FOR FY2013 PRINT DATE 3/22/2013 AND SAVANNAH RIVER SITE SRS RESPONSES TO THE                                                          | BRIAN T. HENNESSEY | ROBERT H. POPE VAN KEISLER |
| ✚018784     | 03/14/20 | 018784         | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT SRNS NUMBER 025500-1602                                                                                                                                                                         | SRNS               |                            |
| ✚018785     | 06/13/20 | 018785         | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT SRNS NUMBER 025500-1602                                                                                                                                                                         | SRNS               |                            |
| ✚018786     | 09/18/20 | 018786         | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT SRNS NUMBER 025500-1602                                                                                                                                                                         | SRNS               |                            |
| ✚018787     | 12/19/20 | 018787         | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT SRNS NUMBER 025500-1602                                                                                                                                                                         | SRNS               |                            |
| ✚018928     | 04/16/20 | 018928         | 10693   | EPA APPROVAL OF THE ADMINISTRATIVE RECORD FILE INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE (SRNS-RP-2012-00740 NOVEMBER 2012)                                                                                                                                       | ROBERT H. POPE     | BRIAN T. HENNESSEY         |
| ✚018935     | 04/22/20 | 018935         | 10693   | SCDHEC APPROVAL OF THE FEDERAL FACILITY AGREEMENT FFA REVISION.1 APPENDIX C RCRA/CERCLA UNITS AND REVISION.1 APPENDIX G SITE EVALUATION AREA FOR FISCAL YEAR 2013 PRINT DATE 03/22/2013 RECEIVED APRIL 3, 2013                                                            | VAN KEISLER        | BRIAN T. HENNESSEY         |
| ✚018936     | 04/22/20 | 018936         | 10693   | SCDHEC APPROVAL OF THE FEDERAL FACILITY AGREEMENT FFA REVISION.1 APPENDIX H FOR FISCAL YEAR 2013 PRINT DATE 03/22/2013 RECEIVED APRIL 3, 2013                                                                                                                             | VAN KEISLER        | BRIAN T. HENNESSEY         |
| ✚018937     | 04/22/20 | 018937         | 10693   | EPA COMMENTS ON THE FOURTH FIVE-YEAR REMEDY REVIEW REPORT FOR THE SAVANNAH RIVER SITE AIKEN SOUTH CAROLINA VOLUMES I AND II<br>SRNS-RP-2012-00011 REVISION 0 NOVEMBER 2012                                                                                                | ROBERT H. POPE     | BRIAN T. HENNESSEY         |
| ✚018940     | 04/29/20 | WSRC-OS-94-42  | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT: Changes Dated 04/29/2013: Appendix C C.1-1 to C.1-23 Print Date 03/22/2013; C.2-1 to C.2-24 Print Date 03/22/2013; C.3-1 to C.3-1 Print Date 03/22/2013; C.4-1 to C.4-4 Print Date 03/22/2013; C.5-1 to C.5-18 Print Date | SRNS               |                            |
| ✚018947     | 10/01/97 | WSRC-RP-97-834 | 10693   | NATURAL RESOURCE SURVEY CONTENT AND FORMAT WSRC-RP-97-834 OCTOBER 1997                                                                                                                                                                                                    | WSRC               |                            |
| ✚018953     | 04/15/20 | 018953         | 10693   | NEWSPAPER ADVERTISEMENT - THE STATE MEDIA CO. ON THE NOTICE OF AVAILABILITY RECORD OF DECISION FOR THE B AREA OPERABLE UNIT                                                                                                                                               | SRNS               |                            |
| ✚018954     | 04/16/20 | 018954         | 10693   | NEWSPAPER ADVERTISEMENT - THE NORTH AUGUSTA STAR ON THE NOTICE OF AVAILABILITY - RECORD OF DECISION FOR THE B AREA OPERABLE UNIT                                                                                                                                          | SRNS               |                            |

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| ✚018956     | 12/14/20 | 018956     | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT SRNS NUMBER 025500-1602 |        |           |
| ✚018957     | 09/15/20 | 018957     | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT SRNS NUMBER 025500-1602 |        |           |
| ✚018959     | 03/24/20 | 018959     | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT SRNS NUMBER 025500-1602 |        |           |
| ✚018960     | 12/14/20 | 018960     | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT SRNS NUMBER 025500-1602 |        |           |
| ✚018961     | 09/21/20 | 018961     | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT SRNS NUMBER 025500-1602 |        |           |
| ✚018963     | 03/17/20 | 018963     | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT SRNS NUMBER 025500-1602 |        |           |
| ✚018965     | 09/18/20 | 018965     | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT SRNS NUMBER 025500-1602 |        |           |
| ✚018966     | 07/17/20 | 018966     | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT SRNS NUMBER 025500-1602 |        |           |
| ✚018967     | 07/17/20 | 018967     | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT SRNS NUMBER 025500-1602 |        |           |
| ✚018969     | 07/17/20 | 018969     | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT SRNS NUMBER 025500-1602 |        |           |
| ✚018972     | 07/17/20 | 018972     | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT SRNS NUMBER 025500-1602 |        |           |
| ✚018973     | 03/23/20 | 018973     | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT SRNS NUMBER 025500-1602 |        |           |
| ✚018974     | 12/27/20 | 018974     | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT SRNS NUMBER 025500-1602 |        |           |
| ✚018975     | 09/30/20 | 018975     | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT SRNS NUMBER 025500-1602 |        |           |
| ✚018976     | 06/24/20 | 018976     | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT SRNS NUMBER 025500-1602 |        |           |

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| ✚018977     | 07/17/20 | 018977     | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT SRNS NUMBER 025500-1602                                                                                                             |                    |                             |
| ✚018978     | 12/23/20 | 018978     | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT SRNS NUMBER 025500-1602                                                                                                             |                    |                             |
| ✚018979     | 09/30/20 | 018979     | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT SRNS NUMBER 025500-1602                                                                                                             |                    |                             |
| ✚018980     | 06/23/20 | 018980     | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT SRNS NUMBER 025500-1602                                                                                                             |                    |                             |
| ✚018982     | 03/08/20 | 018982     | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT SRNS NUMBER 025500-1602                                                                                                             |                    |                             |
| ✚018983     | 03/18/20 | 018983     | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT SRNS NUMBER 025500-1602                                                                                                             |                    |                             |
| ✚018984     | 12/30/20 | 018984     | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT SRNS NUMBER 025500-1602                                                                                                             |                    |                             |
| ✚018985     | 10/02/20 | 018985     | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT SRNS NUMBER 025500-1602                                                                                                             |                    |                             |
| ✚018986     | 06/30/20 | 018986     | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT SRNS NUMBER 025500-1602                                                                                                             |                    |                             |
| ✚018987     | 04/02/20 | 018987     | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT SRNS NUMBER 025500-1602                                                                                                             |                    |                             |
| ✚018989     | 10/10/20 | 018989     | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT SRNS NUMBER 025500-1602                                                                                                             |                    |                             |
| ✚018991     | 04/08/20 | 018991     | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT SRNS NUMBER 025500-1602                                                                                                             |                    |                             |
| ✚018992     | 02/13/20 | 018992     | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT SRNS NUMBER 025500-1602                                                                                                             |                    |                             |
| ✚018993     | 07/07/20 | 018993     | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT SRNS NUMBER 025500-1602                                                                                                             |                    |                             |
| ✚019072     | 07/16/20 | ACP-13-179 | 10693   | DOE SUBMITTAL OF THE THIRTY 30 DAY EXTENSION NOTIFICATION FOR THE FOURTH FIVE-YEAR REMEDY REVIEW REPORT FOR THE SAVANNAH RIVER SITE (SRS) (SRNS-RP-2012-00011, REVISION 1 AND SRS RESPONSES TO THE REGULATORY | BRIAN T. HENNESSEY | ROBERT H. POPE/ VAN KEISLER |

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| ✚019113     | 10/01/88 | DPST-86-314                          | 10693   | MERCURY IN SHALLOW SAVANNAH RIVER PLANT SOIL                                                                                                                                                                                                                                                                                                                                | DUPONT             |                            |
| ✚019114     | 08/20/20 | ACP-13-188                           | 10693   | DOE SUBMITTAL LETTER OF THE FOURTH FIVE-YEAR REMEDY REVIEW REPORT FOR THE SAVANNAH RIVER SITE AIKEN, SOUTH CAROLINA, VOLUMES I AND II                                                                                                                                                                                                                                       | BRIAN T. HENNESSEY | ROBERT H. POPE VAN KEISLER |
| ✚019117     | 08/01/20 | SRNS-RP-2012-00 REDLINE REV 1 VOL II | 10693   | SRNS-RP-2012-00011 REDLINE REVISION 1 AUGUST 2013 SAVANNAH RIVER SITES FOURTH FIVE-YEAR REMEDY REVIEW REPORT FOR THE SAVANNAH RIVER SITE AIKEN, SOUTH CAROLINA SRNS-RP-2013-00011 REDLINE REVISION 1 VOLUME II AUGUST 2013                                                                                                                                                  | SRNS               |                            |
| ✚019118     | 08/01/20 | ERD-EN-2013-002                      | 10693   | SAVANNAH RIVER SITE FOURTH FIVE-YEAR REMEDY REVIEW REPORT FACT SHEET ERD-EN-2013-0028 SAVANNAH RIVER SITE AIKEN, SC AUGUST 2013                                                                                                                                                                                                                                             | SRS                |                            |
| ✚019119     | 08/01/20 | ERD-EN-2013-001                      | 10693   | SAVANNAH RIVER SITES RESPONSES TO THE U. S. ENVIRONMENTAL PROTECTION AGENCY'S COMMENTS DURING THE FIVE-YEAR REMEDY REVIEW REPORT                                                                                                                                                                                                                                            | SRNS               |                            |
| ✚019125     | 06/01/20 | SRNS-RP-2012-01                      | 10693   | SRNS-RP-2012-00011 REGULATORY SITE INSPECTION JANUARY 15-16, JANUARY 22-23, EC & ACP GROUNDWATER MONITORING OPTIMIZATION REPORT: A COMPREHENSIVE, TECHNICAL APPROACH FOR THE EVALUATION AND OPTIMIZATION OF GROUNDWATER MONITORING AND REPORTING                                                                                                                            | SRNS               |                            |
| ✚019126     | 09/18/20 | WSRC-OS-94-42                        | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT: Changes Dated 09/18/2013: Appendix E.1-1 TO E.1-5 PRINT DATE: 01/16/2013, UPDATED: 09/17/2013; E.2-1 TO E.2-6 PRINT DATE: 01/16/2013, UPDATED: 09/17/2013; E.3-1 TO E.3-23 PRINT DATE: 01/16/2013,                                                                                                                          | SRNS               |                            |
| ✚019132     | 09/18/20 | ACP-13-193                           | 10693   | DOE SUBMITTAL LETTER FOR FISCAL YEAR 2013 BUDGET ALLOTMENT FOR ENVIRONMENTAL COMPLIANCE & AREA COMPLETION PROJECTS AND FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX D FOR FISCAL YEAR 2013 (PRINT DATE: SRNS CORRESPONDENCE ON THE SAVANNAH RIVER SITE INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN APPENDICES A, B, AND C WSRC-RP-94-1227 REVISION 9A REDLINE AUGUST 2013 | BRIAN T. HENNESSEY | ROBERT H. POPE VAN KEISLER |
| ✚019141     | 09/26/20 | SRNS-J2000-2013 00528                | 10693   | SRNS CORRESPONDENCE ON THE SAVANNAH RIVER SITE INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN APPENDICES A, B, AND C WSRC-RP-94-1227 REVISION 9A REDLINE AUGUST 2013                                                                                                                                                                                                           | KEVIN M KOSTELNIK  |                            |
| ✚019142     | 08/01/20 | WSRC-RP-94-1227 REV 9A Redline       | 10693   | SAVANNAH RIVER SITE INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN WSRC-RP-94-1227 REVISION 9A REDLINE AUGUST 2013                                                                                                                                                                                                                                                             | WSRC               |                            |
| ✚019146     | 07/01/99 | EPA540-R-98-031 OSWER 9200.1-23P     | 10693   | A GUIDE TO PREPARING SUPERFUND PROPOSED PLANS, RECORDS OF DECISION, AND USEPA OTHER REMEDY SELECTION DECISION DOCUMENTS                                                                                                                                                                                                                                                     |                    |                            |
| ✚019147     | 11/01/91 | OSWER 9380-306FS                     | 10693   | A GUIDE TO PRINCIPAL THREAT AND LOW LEVEL THREAT WASTES NOVEMBER 1991                                                                                                                                                                                                                                                                                                       | EPA                |                            |
| ✚019149     | 12/01/93 | EPA-600-R-93-187                     | 10693   | WILDLIFE EXPOSURE FACTORS HANDBOOK APPENDIX: LITERATURE REVIEW DATABASE VOLUME II OF II DECEMBER 1993                                                                                                                                                                                                                                                                       | US EPA             |                            |
| ✚019150     | 12/31/97 | WSRC-TR-97-022                       | 10693   | SRS ECOLOGY ENVIRONMENTAL INFORMATION DOCUMENT                                                                                                                                                                                                                                                                                                                              | WSRC               |                            |
| ✚019152     | 09/01/20 | EPA-540-R-03-501 VOLUME 1            | 10693   | SUPERFUND INNOVATIVE TECHNOLOGY EVALUATION PROGRAM TECHNOLOGY PROFILES ELEVENTH EDITION VOLUME 1 DEMONSTRATION PROGRAM                                                                                                                                                                                                                                                      | EPA                | 239                        |

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| ✚019154     | 09/01/20 | EPA-540-R-03-501 VOLUME 3       | 10693   | SUPERFUND INNOVATIVE TECHNOLOGY EVALUATION PROGRAM TECHNOLOGY PROFILES ELEVENTH EDITION VOLUME 3 MEASUREMENT AND MONITORING PROGRAM                                                                                   | EPA                |                            |
| ✚019157     | 09/30/20 | ACP-13-196                      | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX C RCRA/CERCLA UNITS REVISION 0 APPENDIX G SITE EVALUATION AREAS AND REVISION 0 APPENDIX K D&D FACILITIES FOR FISCAL YEAR 2014 PRINT DATE: 9/16/13 | BRIAN T. HENNESSEY | ROBERT H. POPE VAN KEISLER |
| ✚019158     | 09/26/20 | 019158                          | 10693   | SCDHEC APPROVAL OF THE FOURTH FIVE-YEAR REMEDY REVIEW REPORT FOR THE SAVANNAH RIVER SITE AIKEN SOUTH CAROLINA SRNS-RP-2012-00011 REDLINE REVISION 1 AUGUST 2013 RECEIVED AUGUST 21, 2013                              | VAN KEISLER        | BRIAN T. HENNESSEY         |
| ✚019160     | 09/26/20 | 019160                          | 10693   | EPA COMMENTS ON THE FOURTH FIVE-YEAR REMEDY REVIEW REPORT FOR THE SAVANNAH RIVER SITE AIKEN SOUTH CAROLINA SRNS-RP-2012-00011 REVISION 1 DATED AUGUST 2013                                                            | ROBERT H. POPE     | BRIAN T. HENNESSEY         |
| ✚019165     | 10/11/20 | 019165                          | 10693   | SCDHEC COMMENTS ON THE SAVANNAH RIVER SITE INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN APPENDICES A B AND C WSRP-RP-94-1227 REVISION 9A REDLINE AUGUST 2013 RECEIVED SEPTEMBER 27 2013                                | VAN KEISLER        | KEVIN M KOSTELNIK          |
| ✚019171     | 11/01/20 | 019171                          | 10693   | U.S. ENVIRONMENTAL PROTECTION AGENCY REGIONAL SCREENING LEVEL RSL SUMMARY TABLE NOVEMBER 2012                                                                                                                         | USEPA              |                            |
| ✚019183     | 10/30/20 | 019183                          | 10693   | EPA CONDITIONAL APPROVAL OF THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX D FOR FISCAL YEAR 2013 PRINT DATE 8/27/13                                                                                              | ROBERT H. POPE     | BRIAN T. HENNESSEY         |
| ✚019186     | 11/05/20 | ACP-14-104                      | 10693   | DOE SUBMITTAL OF THE SAVANNAH RIVER SITE'S RESPONSE TO THE REGULATORY COMMENTS ON THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX D FOR FISCAL YEAR 2013 PRINT DATE 8/27/13                                        | BRIAN T. HENNESSEY | ROBERT H. POPE VAN KEISLER |
| ✚019192     | 11/13/20 | ACP-14-111                      | 10693   | DOE SUBMITTAL OF THE EXTENSION REQUEST FOR SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT FFA REVISION 0 APPENDIX E LONG TERM PROJECTIONS FOR FISCAL YEAR 2014                                                           | BRIAN T. HENNESSEY | ROBERT H. POPE VAN KEISLER |
| ✚019195     | 11/13/20 | 019195                          | 10693   | EPA APPROVAL OF THE FOURTH FIVE YEAR REMEDY REVIEW REPORT FOR THE SAVANNAH RIVER SITE AIKEN SOUTH CAROLINA SRNS-RP-2012-00011 REDLINE REVISION 1.1 NOVEMBER 2013                                                      | ROBERT H. POPE     | BRIAN T. HENNESSEY         |
| ✚019196     | 11/13/20 | 019196                          | 10693   | SCDHEC APPROVAL OF THE FOURTH FIVE YEAR REMEDY REVIEW REPORT FOR THE SAVANNAH RIVER SITE AIKEN SOUTH CAROLINA SRNS-RP-2012-00011 REDLINE REVISION 1.1 NOVEMBER 2013 RECEIVED NOVEMBER 13 2013                         | VAN KEISLER        | BRIAN T. HENNESSEY         |
| ✚019197     | 11/13/20 | 019197                          | 10693   | SCDHEC APPROVAL OF THE SAVANNAH RIVER SITES RESPONSES TO THE REGULATORY COMMENTS ON THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX D FOR FISCAL YEAR 2013 PRINT DATE 8/27/13 DATED NOVEMBER 5 2013 AND            | VAN KEISLER        | BRIAN T. HENNESSEY         |
| ✚019198     | 11/01/20 | 019198                          | 10693   | SCDHEC APPROVAL OF THE EXTENSION REQUEST FOR SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT FFA REVISION 0 APPENDIX E LONG TERM PROJECTIONS FOR FISCAL YEAR 2014                                                         | VAN KEISLER        | BRIAN T. HENNESSEY         |
| ✚019202     | 11/21/20 | ACP-14-103                      | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT ANNUAL REMOVAL ACTION REPORT FOR FISCAL YEAR 2013                                                                                                                     | BRIAN T. HENNESSEY | ROBERT H. POPE VAN KEISLER |
| ✚019209     | 11/01/20 | SRNS-RP-2012-00 REDLINE REV 1.1 | 10693   | FOURTH FIVE YEAR REMEDY REVIEW REPORT FOR THE SAVANNAH RIVER SITE AIKEN SOUTH CAROLINA SRNS-RP-2012-00011 REDLINE REVISION 1.1 NOVEMBER 2013                                                                          | SRNS               |                            |



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| ✚019211     | 06/12/20 | 019211                          | 10693   | NEWSPAPER ADVERTISEMENT - AIKEN STANDARD ON THE NOTICE OF AVAILABILITY - SECOND EXPLANATION OF SIGNIFICANT DIFFERENCES (ESD) FOR THE REVISION 1 TNX AREA OPERABLE UNIT RECORD OF DECISION                                 | SRNS               |                            |
| ✚019214     | 06/12/20 | 019214                          | 10693   | NEWSPAPER ADVERTISEMENT - THE PEOPLE SENTINEL ON NOTICE OF AVAILABILITY - SECOND EXPLANATION OF SIGNIFICANT DIFFERENCES (ESD) FOR THE REVISION 1 TNX AREA OPERABLE UNIT RECORD OF DECISION                                | SRNS               |                            |
| ✚019215     | 06/12/20 | 019215                          | 10693   | NEWSPAPER ADVERTISEMENT - THE STATE MEDIA CO., INC. ON NOTICE OF AVAILABILITY - THE SECOND EXPLANATION OF SIGNIFICANT DIFFERENCES (ESD) FOR THE REVISION 1 TNX AREA OPERABLE UNIT RECORD OF DECISION IS BEING ISSUED      | SRNS               |                            |
| ✚019218     | 06/12/20 | 019218                          | 10693   | NEWSPAPER ADVERTISEMENT - THE AUGUSTA CHRONICLE ON NOTICE OF AVAILABILITY - SECOND EXPLANATION OF SIGNIFICANT DIFFERENCES (ESD) FOR THE REVISION 1 TNX AREA OPERABLE UNIT RECORD OF DECISION                              | SRNS               |                            |
| ✚019219     | 06/12/20 | 019219                          | 10693   | NEWSPAPER ADVERTISEMENT - AIKEN STANDARD ON NOTICE OF AVAILABILITY - SECOND EXPLANATION OF SIGNIFICANT DIFFERENCES (ESD) FOR THE REVISION 1 TNX AREA OPERABLE UNIT RECORD OF DECISION                                     | SRNS               |                            |
| ✚019222     | 09/23/20 | 019222                          | 10693   | NEWSPAPER ADVERTISEMENT - THE AUGUSTA CHRONICLE ON NOTICE OF AVAILABILITY - EXPLANATION OF SIGNIFICANT DIFFERENCE FOR INCORPORATING TANKS 18 AND 19 INTO REVISION 1 INTERIM RECORD OF DECISION REMEDIAL                   | SRNS               |                            |
| ✚019223     | 09/23/20 | 019223                          | 10693   | NEWSPAPER ADVERTISEMENT - AIKEN STANDARD ON NOTICE OF AVAILABILITY - EXPLANATION OF SIGNIFICANT DIFFERENCE FOR INCORPORATING TANKS 18 AND 19 INTO REVISION 1 INTERIM RECORD OF DECISION REMEDIAL ALTERNATIVE SELECTION    | SRNS               |                            |
| ✚019224     | 11/22/20 | ACP-14-109                      | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 2013 SRNS-RP-2013-00788 NOVEMBER 2013                                                                                              | BRIAN T. HENNESSEY | ROBERT H. POPE VAN KEISLER |
| ✚019225     | 11/01/20 | SRNS-RP-2013-00                 | 10693   | FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 2013 SRNS-RP-2013-00788 NOVEMBER 2013                                                                                                                   | SRNS               |                            |
| ✚019227     | 11/01/20 | SRNS-RP-2013-00                 | 10693   | ADMINISTRATIVE RECORD FILE / INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE SRNS-RP-2013-00769 NOVEMBER 2013                                                                                                           | SRNS               |                            |
| ✚019256     | 12/16/20 | ARF-019256                      | 10693   | SCDHEC SUBMITTAL OF THE FOR SIGNATURE FOURTH FIVE-YEAR REMEDY REVIEW REPORT SAVANNAH RIVER SITE SRS AIKEN, SOUTH CAROLINA SRNS-RP-2012-00011, REVISION 1.1, NOVEMBER 2013                                                 | VAN KEISLER        | ROBERT H. POPE             |
| ✚019265     | 12/03/20 | ACP-14-113                      | 10693   | DOE SUBMITTAL OF THE U.S. DEPARTMENT OF ENERGY-SIGNED FOURTH FIVE YEAR REMEDY REVIEW REPORT FOR THE SAVANNAH RIVER SITE AIKEN SOUTH CAROLINA VOLUMES I AND II (SRNS-RP-2012-00011 REVISION 1.1 NOVEMBER 2013 AND SAVANNAH | BRIAN T. HENNESSEY | ROBERT H. POPE VAN KEISLER |
| ✚019266     | 11/01/20 | SRNS-RP-2012-00<br>REVISION 1.1 | 10693   | FOURTH FIVE-YEAR REMEDY REVIEW REPORT FOR THE SAVANNAH RIVER SITE AIKEN SOUTH CAROLINA SRNS-RP-2012-00011 REVISION 1.1 VOLUME I AND II NOVEMBER 2013                                                                      | SRNS               |                            |
| ✚019285     | 01/21/20 | 019285                          | 10693   | EPA SUBMITTAL OF THE THREE PARTY SIGNED FOURTH FIVE-YEAR REMEDY REVIEW REPORT FOR THE SAVANNAH RIVER SITE SRS, AIKEN, SOUTH CAROLINA, VOLUMES I AND II SRNS-RP-2012-00011, REVISION 1.1, NOVEMBER 2013                    | ROBERT H. POPE     | BRIAN T. HENNESSEY         |
| ✚019286     | 11/01/20 | SRNS-RP-2012-00<br>REV 1.1      | 10693   | THREE PARTY SIGNED FOURTH FIVE-YEAR REMEDY REVIEW REPORT FOR THE SAVANNAH RIVER SITE AIKEN SOUTH CAROLINA VOLUMES I AND II SRNS-RP-2012-00011 REVISION 1.1 NOVEMBER 2013                                                  | SRNS               |                            |

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| ✚019296     | 01/31/20 | WSRC-OS-94-42   | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT: Changes Dated 01/31/2014: Appendices C,G,H,K (Print Date: 09/16/2013); RECORD OF MODIFICATIONS TO THE                                                                                                                                          | SRNS                               |                            |
| ✚019297     | 01/31/20 | WSRC-OS-94-42   | 10693   | FEDERAL FACILITY AGREEMENT FOR THE SAVANNAH SITE REVISED PAGES 17-18 SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT: Changes Dated 01/31/2014: Appendices C,G,H,K (Print Date: 09/16/2013); RECORD OF MODIFICATIONS TO THE                                                                     | SRNS                               |                            |
| ✚019301     | 01/17/20 | 019301          | 10693   | FEDERAL FACILITY AGREEMENT FOR THE SAVANNAH SITE REVISED PAGES 17-18 SCDHEC COMMENTS ON THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT (FFA) REVISION 0 APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2014 (PRINT DATE: 11/20/13) DATE DECEMBER 3, 2013 AND RECEIVED DECEMBER 4, 2013. | VAN KEISLER                        | BRIAN T. HENNESSEY         |
| ✚019303     | 01/21/20 | 019303          | 10693   | EPA COMMENTS ON THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT (FFA) REVISION 0 APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2014 (PRINT DATE: 11/20/13) RECEIVED DECEMBER 4, 2013                                                                                                    | ROBERT H. POPE                     | BRIAN T. HENNESSEY         |
| ✚019305     | 01/24/20 | 019305          | 10693   | SCDHEC APPROVAL OF THE FACILITY AGREEMENT REVISION 0 APPENDIX H, SOLID WASTE MANAGEMENT UNITS FOR FISCAL YEAR 2014 (PRINT DATE: 09/16/2013) DATED SEPTEMBER 30, 2013 AND RECEIVED OCTOBER 1, 2013.                                                                                             | VAN KEISLER                        | BRIAN T. HENNESSEY         |
| ✚019317     | 01/31/20 | 019317          | 10693   | EPA APPROVAL OF THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX H SOLID WASTE MANAGEMENT UNITS REVISION 0 APPENDIX C RCRA/CERCLA UNITS REVISION 0 APPENDIX G SITE EVALUATION AREAS AND REVISION 0 APPENDIX K D & D                                                                          | ROBERT H. POPE                     | BRIAN T. HENNESSEY         |
| ✚019326     | 02/11/20 | ACP-14-133      | 10693   | DOE SUBMITTAL OF THE EXTENSION REQUEST FOR SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT FFA REVISION 1 APPENDIX E LONG TERM PROJECTIONS FOR FISCAL YEAR 2014                                                                                                                                    | BRIAN T. HENNESSEY                 | ROBERT H. POPE VAN KEILSER |
| ✚019337     | 02/18/20 | 019337          | 10693   | SCDHEC APPROVAL OF THE EXTENSION REQUEST FOR SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT FFA REVISION 1 APPENDIX E LONG TERM PROJECTIONS FOR FISCAL YEAR 2014                                                                                                                                  | VAN KEISLER                        | BRIAN T. HENNESSEY         |
| ✚019349     | 01/01/20 | WSRC-MS-2001-0  | 10693   | DEVELOPMENT OF A TOTAL MAXIMUM DAILY LOAD FOR MERCURY IN THE SAVANNAH RIVER BASIN                                                                                                                                                                                                              | WILLIAM L. PAYNE                   |                            |
| ✚019350     | 03/01/92 | ARF-019350      | 10693   | IAEA, 1992. EFFECTS OF IONIZING RADIATION ON PLANTS AND ANIMALS AT LEVELS IMPLIED BY CURRENT RADIATION PROTECTION STANDARDS TECHNICAL REPORTS SERIES NO. 332 INTERNATIONAL ATOMIC ENERGY AGENCY VIENNA                                                                                         | INTERNATIONAL ATOMIC ENERGY AGENCY |                            |
| ✚019352     | 09/01/20 | ARF-019352      | 10693   | PALLER, M.H. AND J.W. LITTRELL, 2007. LONG-TERM CHANGES IN MERCURY CONCENTRATIONS IN FISH FROM THE MIDDLE SAVANNAH RIVER SCIENCE OF THE TOTAL ENVIRONMENT 382:375-382                                                                                                                          | M.H. PALLER,J.W. LITTRELL          |                            |
| ✚019358     | 02/01/20 | ARF-019358      | 10693   | SUBMITTAL LETTER OF US DEPARTMENT OF ENERGY COMMENTS ON THE TOTAL MAXIMUM DAILY LOAD TMDL DEVELOPMENT FOR TOTAL MERCURY AND FISH CONSUMPTION GUIDELINES IN THE MIDDLE AND LOWER SAVANNAH RIVER                                                                                                 | DEPARTMENT OF ENERGY WASHINGTON,DC | YVONNE MARTIN              |
| ✚019363     | 03/01/99 | WSRC-RP-94-122  | 10693   | SAVANNAH RIVER SITE INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN WSRC-RP-94-1227 REVISION 4A DATED MARCH 1999                                                                                                                                                                                   | SRNS                               |                            |
| ✚019364     | 12/17/98 | ESH-FSS-98-0277 | 10693   | SAVANNAH RIVER SITE INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN REVISION 4 WSRC-RP-1227                                                                                                                                                                                                        | SRNS                               |                            |
| ✚019366     | 05/01/94 | SREL-48 UC-66E  | 10693   | MERCURY BIOACCUMULATION IN MOSQUITOFISH GAMBUSIA HOLBROOKI SAMPLE ON AND AROUND THE SAVANNAH RIVER SITE                                                                                                                                                                                        | M.C. NEWMAN,A. MESSIER             |                            |

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| ✚019367     | 03/24/20 | SRNS-J2000-2014            | 10693   | READING ROOM FOR THE REMEDIAL DESIGN FACT SHEET B-AREA OPERABLE UNIT ERD-EN-2014-0008 REVISION 0 MARCH 2014 (U)                                                                                                             | HELENA THOMAS  | KATHY KARN<br>CARMICHAEL<br>DEBBIE |
| ✚019368     | 03/01/20 | WSRC-RP-98-4121<br>REV 1.1 | 10693   | LAND USE CONTROL ASSURANCE PLAN FOR THE SAVANNAH RIVER SITE<br>WSRC-RP-98-4125 REVISION 1.1 AUGUST 1999 UPDATED MARCH 2014                                                                                                  | SRNS           |                                    |
| ✚019369     | 02/04/20 | 019369                     | 10693   | NEWSPAPER ADVERTISEMENT - THE AUGUSTA CHRONICLE ON THE NOTICE OF AVAILABILITY FOURTH FIVE-YEAR REMEDY REVIEW REPORT FOR THE SAVANNAH RIVER SITE                                                                             | SRNS           |                                    |
| ✚019370     | 12/19/20 | 019370                     | 10693   | NEWSPAPER ADVERTISEMENT - THE STATE MEDIA CO., INC. - PUBLIC NOTICE - THE UNITED STATES DEPARTMENT OF ENERGY (DOE) WILL RELEASE A STATEMENT OF BASIS/PROPOSED PLAN (SB/PP)FOR THE WETLAND AREA AT DUNBARTON BAY             | SRNS           |                                    |
| ✚019371     | 12/18/20 | 019371                     | 10693   | NEWSPAPER ADVERTISEMENT - THE PEOPLE SENTINEL - PUBLIC NOTICE ON STATEMENT OF BASIS/PROPOSED PLAN FOR THE WETLAND AREA AT DUNBARTON BAY IN SUPPORT OF STEEL CREEK INTEGRATOR OPERABLE UNIT AVAILABLE FOR                    | SRNS           |                                    |
| ✚019372     | 02/05/20 | 019372                     | 10693   | NEWSPAPER ADVERTISEMENT - THE PEOPLE SENTINEL ON NOTICE OF PUBLIC AVAILABILITY FOURTH FIVE-YEAR REMEDY REVIEW REPORT FOR THE SAVANNAH RIVER SITE.                                                                           | SRNS           |                                    |
| ✚019373     | 02/04/20 | 019373                     | 10693   | NEWSPAPER ADVERTISEMENT - AIKEN STANDARD ON NOTICE OF PUBLIC AVAILABILITY THE FOURTH FIVE-YEAR REMEDY REVIEW REPORT FOR THE SAVANNAH RIVER SITE (SRS).                                                                      | SRNS           |                                    |
| ✚019374     | 12/19/20 | 019374                     | 10693   | NEWSPAPER ADVERTISEMENT - AIKEN STANDARD ON THE PUBLIC NOTICE STATEMENT OF BASIS/PROPOSED PLAN FOR THE WETLAND AREA AT DUNBARTON BAY IN SUPPORT OF STEEL CREEK INTEGRATOR OPERABLE UNIT AVAILABLE FOR                       | SRNS           |                                    |
| ✚019375     | 02/07/20 | 019375                     | 10693   | NEWSPAPER ADVERTISEMENT - THE STATE MEDIA CO., INC. ON NOTICE OF PUBLIC AVAILABILITY THE FOURTH FIVE-YEAR REMEDY REVIEW REPORT FOR THE SAVANNAH RIVER SITE (SRS) IS BEING ISSUED BY THE U.S. DEPARTMENT OF ENERGY, THE LEAD | SRNS           |                                    |
| ✚019376     | 12/19/20 | 019376                     | 10693   | BEALSEY BROADCAST GROUP ADVERTISEMENT - THE U.S. DEPARTMENT OF ENERGY HAS RELEASED A STATEMENT OF BASIS AND PROPOSED PLAN ON DECEMBER 19, 2013 FOR THE WETLAND AREA AT DUNBARTON BAY SUB-UNIT LOCATED AT THE SAVANNAH       | SRNS           |                                    |
| ✚019378     | 03/12/20 | 019378                     | 10693   | SCDHEC LETTER REGARDING DESIGNATION OF SCDHEC FEDERAL FACILITY PROJECT MANAGER SAVANNAH RIVER SITE                                                                                                                          | DAPHNE G. NEEL | BRIAN T.<br>HENNESSEY<br>ROBERT H. |
| ✚019386     | 11/01/20 | WSRC-RP-94-1221<br>REV 9B  | 10693   | SAVANNAH RIVER SITE INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN APPENDICES A, B, AND C WSRC-RP-94-1227 REVISION 9B UPDATED NOVEMBER 2013 U                                                                                  | SRS            |                                    |
| ✚019389     | 03/20/20 | 019389                     | 10693   | EPA APPROVAL OF THE EXTENSION REQUEST FOR SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT FFA REVISION 1 APPENDIX E LONG TERM PROJECTIONS FOR FISCAL YEAR 2014                                                                  | ROBERT H. POPE | BRIAN T.<br>HENNESSEY              |
| ✚019408     | 03/06/20 | 019408                     | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT NUMBER 025500-1602                                                                                                                                | SRNS           |                                    |
| ✚019409     | 12/19/20 | 019409                     | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT NUMBER 025500-1602                                                                                                                                | SRNS           |                                    |

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| ✚019411     | 09/25/20 | 019411         | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT NUMBER 025500-1602                                             | SRNS   |           |
| ✚019412     | 03/12/20 | ER-IDS-019-001 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR SILVERTON ROAD WASTE UNIT BUILDING 731-3A U                                        | SRNS   |           |
| ✚019413     | 07/30/20 | ER-IDS-019-001 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR SILVERTON ROAD WASTE UNIT BUILDING 731-3A U                                        | SRNS   |           |
| ✚019414     | 03/12/20 | ER-IDS-019-002 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR F-AREA BURNING RUBBLE PITS 231-F, 231-1F AND 231-2F U                              | SRNS   |           |
| ✚019415     | 07/30/20 | ER-IDS-019-002 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR F-AREA BURNING RUBBLE PITS 231-F, 231-1F AND 231-2F U                              | SRNS   |           |
| ✚019416     | 07/08/20 | ER-IDS-019-003 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR D-AREA BURNING RUBBLE PITS BUILDINGS 431-D AND 431-1D U                            | SRNS   |           |
| ✚019417     | 03/12/20 | ER-IDS-019-004 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST K-AREA BINGHAM PUMP OUTAGE PIT BUILDING 643-1G U                                       | SRNS   |           |
| ✚019418     | 07/30/20 | ER-IDS-019-004 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST K-AREA BINGHAM PUMP OUTAGE PIT BUILDING 643-1G U                                       | SRNS   |           |
| ✚019419     | 03/12/20 | ER-IDS-019-005 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST FOR L-AREA BINGHAM PUMP OUTAGE PITS BUILDING 643-2G AND 643-3G U                        | SRNS   |           |
| ✚019421     | 03/12/20 | ER-IDS-019-006 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST FOR P-AREA BINGHAM PUMP OUTAGE PIT (BUILDING 643-4G U                                   | SRNS   |           |
| ✚019425     | 10/15/20 | ER-IDS-019-008 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST OLD F-AREA SEEPAGE BASIN BUILDING 904-49G U                                             | SRNS   |           |
| ✚019426     | 03/12/20 | ER-IDS-019-008 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST OLD F-AREA SEEPAGE BASIN BUILDING 904-49G U                                             | SRNS   |           |
| ✚019428     | 06/13/20 | ER-IDS-019-009 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST F-AREA RETENTION BASIN BUILDING 281-3F U                                                | SRNS   |           |
| ✚019429     | 11/04/20 | ER-IDS-019-010 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST A-AREA BURNING RUBBLE PITS 731-A, 1A AND RUBBLE PIT 731-2A AND A-AREA ASH PILE 788-2A U | SRNS   |           |
| ✚019430     | 09/19/20 | ER-IDS-019-011 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST SRL SEEPAGE BASINS BUILDINGS 904-53G1, 904-53G2, 904-54G AND 904-55G U                  | SRNS   |           |

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| ✚019431     | 05/28/20 | ER-IDS-019-012 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST K-AREA REACTOR SEEPAGE BASIN BUILDING 904-65G U                                   | SRNS   |           |
| ✚019432     | 06/13/20 | ER-IDS-019-013 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST C-REACTOR SEEPAGE BASIN BUILDINGS 904-66G, 904-67G AND 904-68G U Message Content: | SRNS   |           |
| ✚019433     | 07/08/20 | ER-IDS-019-014 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST MISCELLANEOUS CHEMICAL BASIN METALS BURNING PIT BUILDINGS 731-4A AND 731-5A U     | SRNS   |           |
| ✚019434     | 03/12/20 | ER-IDS-019-015 | 10693   | FIELD INSPECTION CHECKLIST K-AREA BURNING RUBBLE PIT BUILDING 131-K AND RUBBLE PILES BUILDING 631-20G                              | SRNS   |           |
| ✚019435     | 06/17/20 | ER-IDS-019-016 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST C-AREA BURNING RUBBLE PIT BUILDING 131-C U                                        | SRNS   |           |
| ✚019436     | 12/06/20 | ER-IDS-019-020 | 10693   | METALLURGICAL LABORATORY HWMF POST CLOSURE INSPECTION                                                                              | SRNS   |           |
| ✚019437     | 03/12/20 | ER-IDS-019-020 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST METALLURGICAL LABORATORY HWMF POST CLOSURE INSPECTION                             | SRNS   |           |
| ✚019438     | 06/17/20 | ER-IDS-019-020 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST METALLURGICAL LABORATORY HWMF POST CLOSURE INSPECTION                             | SRNS   |           |
| ✚019439     | 09/19/20 | ER-IDS-019-020 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST METALLURGICAL LABORATORY HWMF POST CLOSURE INSPECTION                             | SRNS   |           |
| ✚019440     | 12/06/20 | ER-IDS-019-023 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST FOR THE INTERIM SANITARY LANDFILL BUILDING 740-10G                                | SRNS   |           |
| ✚019441     | 03/12/20 | ER-IDS-019-023 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR THE INTERIM SANITARY LANDFILL BUILDING 740-10G                               | SRNS   |           |
| ✚019442     | 06/17/20 | ER-IDS-019-023 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR THE INTERIM SANITARY LANDFILL BUILDING 740-10G                               | SRNS   |           |
| ✚019444     | 07/08/20 | ER-IDS-019-024 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST FOR FORD BUILDING SEEPAGE BASIN OPERABLE UNIT BUILDING 904-91G                    | SRNS   |           |
| ✚019445     | 12/19/20 | ER-IDS-019-024 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST FOR FORD BUILDING SEEPAGE BASIN OPERABLE UNIT BUILDING 904-91G                    | SRNS   |           |
| ✚019446     | 07/08/20 | ER-IDS-019-025 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST FOR L-REACTOR SEEPAGE BASIN BUILDING 904-64G                                      | SRNS   |           |

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| ✚019447     | 06/06/20 | ER-IDS-019-026 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST FOR R-BINGHAM PUMP OUTAGE PITS AND UNKNOWN PITS OPERABLE UNIT        | SRNS   |           |
| ✚019448     | 12/06/20 | ER-IDS-019-027 | 10693   | FIELD INSPECTION CHECKLIST FOR OLD RADIOACTIVE WASTE BURIALGROUND BUILDING 643-E                                      | SRNS   |           |
| ✚019449     | 03/12/20 | ER-IDS-019-027 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST FOR OLD RADIOACTIVE WASTE BURIAL GROUND BUILDING 643-E               | SRNS   |           |
| ✚019451     | 09/19/20 | ER-IDS-019-027 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST FOR OLD RADIOACTIVE WASTE BURIAL GROUND BUILDING 643-E               | SRNS   |           |
| ✚019454     | 06/13/20 | ER-IDS-019-031 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST CENTRAL SHOPS BURNING RUBBLE PITS OPERABLE UNITS 631-1G AND 631-3G  | SRNS   |           |
| ✚019457     | 05/28/20 | ER-IDS-019-033 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST L-AREA HOT SHOP OPERABLE UNIT                                        | SRNS   |           |
| ✚019459     | 10/15/20 | ER-IDS-019-034 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST FOR THE HEAVY WATER EQUIPMENT WASH BASIN                             | SRNS   |           |
| ✚019462     | 10/10/20 | ER-IDS-019-036 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST R AREA BURNING RUBBLE PITS AND RUBBLE PILE, OPERABLE PIT REMEDIATION | SRNS   |           |
| ✚019464     | 03/12/20 | ER-IDS-019-037 | 10693   | INSPECTION CHECKLIST H-AREA INACTIVE PROCESS SEWER                                                                    | SRNS   |           |
| ✚019465     | 05/28/20 | ER-IDS-019-037 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST H-AREA INACTIVE PROCESS SEWER                                        | SRNS   |           |
| ✚019466     | 06/13/20 | ER-IDS-019-037 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST H-AREA INACTIVE PROCESS SEWER                                        | SRNS   |           |
| ✚019467     | 06/17/20 | ER-IDS-019-037 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST H-AREA INACTIVE PROCESS SEWER                                        | SRNS   |           |
| ✚019468     | 07/08/20 | ER-IDS-019-037 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST H-AREA INACTIVE PROCESS SEWER                                        | SRNS   |           |
| ✚019471     | 07/08/20 | ER-IDS-019-037 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST H-AREA INACTIVE PROCESS SEWER                                        | SRNS   |           |
| ✚019472     | 10/01/20 | ER-IDS-019-037 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST H AREA INACTIVE PROCESS SEWER                                        | SRNS   |           |

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| ✚019477     | 12/10/20 | ER-IDS-019-041 | 10693   | INSPECTION DATA SHEET FEILD INSPECTION CHECKLIST, D-AREA ASH BASIN (488-D)                                                                  | SRNS   |           |
| ✚019478     | 03/12/20 | ER-IDS-019-042 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST, H AREA RETENTION BASIN (U)                                                                | SRNS   |           |
| ✚019481     | 09/13/20 | ER-IDS-019-048 | 10693   | INSPECTION DATA SHEET FIELD MAINTENANCE CHECKLIST FOR R-REACTOR SEEPAGE BASINS 904-57G, 58G, 59G, 60G, 103G, 104G (U)                       | SRNS   |           |
| ✚019485     | 10/07/20 | ER-IDS-019-053 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST FOR L-AREA ECODS L-1 OPERABLE UNIT (U)                                                     | SRNS   |           |
| ✚019486     | 10/07/20 | ER-IDS-019-054 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST FOR N-AREA ECODS N-2 OPERABLE UNIT (U)                                                     | SRNS   |           |
| ✚019488     | 06/03/20 | ER-IDS-019-056 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST FOR HEAVY WATER COMPONENT TEST REACTOR (HWCTR) (770U) (U)                                  | SRNS   |           |
| ✚019489     | 06/13/20 | ER-IDS-019-057 | 10693   | INSPECTION DATA SHEET INSPECTION CHECKLIST FOR M-AREA OPERABLE UNIT (MAOU) (U)                                                              | SRNS   |           |
| ✚019491     | 10/15/20 | ER-IDS-019-059 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST FOR EARLY ACTION LAND USE CONTROL IMPLEMENTATION PLAN AT L-AREA REACTOR BUILDING COMPLEX U | SRNS   |           |
| ✚019493     | 06/13/20 | ER-IDS-019-061 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST FOR P-AREA ASH BASIN AND P-007 OUTFALL (U)                                                 | SRNS   |           |
| ✚019494     | 07/30/20 | ER-IDS-019-062 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST FOR CHEMICAL, METAL AND PESTICIDES PITS (U)                                                | SRNS   |           |
| ✚019497     | 10/23/20 | ER-IDS-019-065 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR P-AREA OPERABLE UNIT, REACTOR BUILDING AND DISASSEMBLY BASIN (U)                      | SRNS   |           |
| ✚019498     | 07/30/20 | ER-IDS-019-066 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST FOR P-AREA OPERABLE UNIT (PAOU) (U)                                                        | SRNS   |           |
| ✚019501     | 06/17/20 | ER-IDS-019-070 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST FOR GUNSITE 012 OPERABLE UNIT (U)                                                          | SRNS   |           |
| ✚019502     | 07/08/20 | ER-IDS-019-071 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST FOR D-AREA BUBBLE TOWER COVER (U)                                                          | SRNS   |           |
| ✚019504     | 12/06/20 | ER-SOP-006     | 10693   | MIXED WASTE MANAGEMENT FACILITY MWMF POST-CLOSURE INSPECTIONS                                                                               | SRNS   |           |

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| ✚019505     | 03/12/20 | ER-SOP-006 | 10693   | MIXED WASTE MANAGEMENT FACILITY MWMF POST-CLOSURE INSPECTIONS                                                      | SRNS   |           |
| ✚019508     | 12/03/20 | ER-SOP-008 | 10693   | POST CLOSURE INSPECTION F-AREA HAZARDOUS WASTE MANAGEMENT FACILITIES 904-41G, 904-42G, AND 904-43G                 | SRNS   |           |
| ✚019510     | 01/09/20 | ER-SOP-008 | 10693   | POST CLOSURE INSPECTION F-AREA HAZARDOUS WASTE MANAGEMENT FACILITIES 904-41G, 904-42G, AND 904-43G                 | SRNS   |           |
| ✚019511     | 03/12/20 | ER-SOP-008 | 10693   | POST CLOSURE INSPECTION F-AREA HAZARDOUS WASTE MANAGEMENT FACILITIES 904-41G, 904-42G, AND 904-43G                 | SRNS   | SRNS      |
| ✚019513     | 05/28/20 | ER-SOP-008 | 10693   | POST CLOSURE INSPECTION F-AREA HAZARDOUS WASTE MANAGEMENT FACILITIES 904-41G, 904-42G, AND 904-43G                 | SRNS   |           |
| ✚019514     | 06/13/20 | ER-SOP-008 | 10693   | POST CLOSURE INSPECTION F-AREA HAZARDOUS WASTE MANAGEMENT FACILITIES 904-41G, 904-42G, AND 904-43G                 | SRNS   |           |
| ✚019516     | 07/08/20 | ER-SOP-008 | 10693   | POST CLOSURE INSPECTION F-AREA HAZARDOUS WASTE MANAGEMENT FACILITIES 904-41G, 904-42G, AND 904-43G                 | SRNS   |           |
| ✚019517     | 07/30/20 | ER-SOP-008 | 10693   | POST CLOSURE INSPECTION F-AREA HAZARDOUS WASTE MANAGEMENT FACILITIES 904-41G, 904-42G, AND 904-43G                 | SRNS   |           |
| ✚019518     | 09/19/20 | ER-SOP-008 | 10693   | POST CLOSURE INSPECTION F-AREA HAZARDOUS WASTE MANAGEMENT FACILITIES 904-41G, 904-42G, AND 904-43G                 | SRNS   |           |
| ✚019519     | 09/16/20 | ER-SOP-008 | 10693   | POST CLOSURE INSPECTION F-AREA HAZARDOUS WASTE MANAGEMENT FACILITIES 904-41G, 904-42G, AND 904-43G                 | SRNS   |           |
| ✚019520     | 12/03/20 | ER-SOP-009 | 10693   | POST CLOSURE INSPECTION H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY BUILDINGS 904-44G, 904-45G, 904-45G AND 904-56  | SRNS   |           |
| ✚019521     | 12/06/20 | ER-SOP-009 | 10693   | POST CLOSURE INSPECTION H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY BUILDINGS 904-44G, 904-45G, 904-45G AND 904-56G | SRNS   |           |
| ✚019523     | 01/28/20 | ER-SOP-009 | 10693   | POST CLOSURE INSPECTION H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY BUILDINGS 904-44G, 904-45G, 904-45G AND 904-56G | SRNS   |           |
| ✚019524     | 02/13/20 | ER-SOP-009 | 10693   | POST CLOSURE INSPECTION H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY BUILDINGS 904-44G, 904-45G, 904-45G AND 904-56G | SRNS   |           |
| ✚019525     | 03/13/20 | ER-SOP-009 | 10693   | POST CLOSURE INSPECTION H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY BUILDINGS 904-44G, 904-45G, 904-45G AND 904-56G | SRNS   |           |



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| ✚019526     | 04/24/20 | ER-SOP-009     | 10693   | POST CLOSURE INSPECTION H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY BUILDINGS 904-44G, 904-45G, 904-45G AND 904-56G                                                                                      | SRNS            |                    |
| ✚019528     | 06/11/20 | ER-SOP-009     | 10693   | POST CLOSURE INSPECTION H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY BUILDINGS 904-44G, 904-45G, 904-45G AND 904-56G                                                                                      | SRNS            |                    |
| ✚019530     | 09/10/20 | ER-SOP-009     | 10693   | POST CLOSURE INSPECTION H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY BUILDINGS 904-44G, 904-45G, 904-45G AND 904-56G                                                                                      | SRNS            |                    |
| ✚019531     | 07/15/20 | ER-SOP-009     | 10693   | POST CLOSURE INSPECTION H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY BUILDINGS 904-44G, 904-45G, 904-45G AND 904-56G                                                                                      | SRNS            |                    |
| ✚019532     | 12/06/20 | ER-SOP-012     | 10693   | POST CLOSURE INSPECTION M-AREA HAZARDOUS WASTE MANAGEMENT FACILITY                                                                                                                                      | SRNS            |                    |
| ✚019533     | 03/12/20 | ER-SOP-012     | 10693   | POST CLOSURE INSPECTION M-AREA HAZARDOUS WASTE MANAGEMENT FACILITY                                                                                                                                      | SRNS            |                    |
| ✚019534     | 06/17/20 | ER-SOP-012     | 10693   | POST CLOSURE INSPECTION M-AREA HAZARDOUS WASTE MANAGEMENT FACILITY                                                                                                                                      | SRNS            |                    |
| ✚019536     | 12/06/20 | ER-SOP-013     | 10693   | POST CLOSURE INSPECTION SANITARY LANDFILL BUILDING 740-G                                                                                                                                                | SRNS            |                    |
| ✚019537     | 03/12/20 | ER-SOP-013     | 10693   | POST CLOSURE INSPECTION SANITARY LANDFILL BUILDING 740-G                                                                                                                                                | SRNS            |                    |
| ✚019539     | 09/19/20 | ER-SOP-013     | 10693   | POST CLOSURE INSPECTION SANITARY LANDFILL BUILDING 740-G                                                                                                                                                | SRNS            |                    |
| ✚019548     | 04/23/20 | 019548         | 10693   | EPA APPROVAL OF THE ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE SRNS-RP-2013-00769 NOVEMBER 2013                                                                       | ROBERT H. POPE  | BRIAN T. HENNESSEY |
| ✚019557     | 03/16/20 | ER-IDS-019-049 | 10693   | INSPECTION DATA SHEETS FIELD MAINTENANCE CHECKLIST, SAVANNAH RIVER AT THE MOUTH OF EACH CREEK                                                                                                           | SRNS            |                    |
| ✚019563     | 02/28/20 | 019563         | 10693   | TOTAL MAXIMUM DAILY LOAD TMDL FOR TOTAL MERCURY IN FISH TISSUE RESIDUE IN THE MIDDLE AND LOWER SAVANNAH RIVER WATERSHED                                                                                 | EPA             |                    |
| ✚019579     | 02/04/20 | 019579         | 10693   | THE SAVANNAH RIVER SITE ENVIRONMENTAL BULLETIN FOR THE NOTICE OF PUBLIC AVAILABILITY FOR THE FOURTH FIVE-YEAR REMEDY REVIEW REPORT FOR THE SAVANNAH RIVER SITE VOLUME 26 NUMBER 1 DATED FEBRUARY 4 2014 | SRNS            |                    |
| ✚019581     | 05/15/20 | 019581         | 10693   | SCDHEC APPROVAL OF FEDERAL FACILITY AGREEMENT FFA REVISION 1 APPENDIX E LONG TERM PROJECTIONS FOR FISCAL YEAR 2014 PRINT DATE 4/4/14 RECEIVED APRIL 22 2014                                             | SUSAN B. FULMER | BRIAN T. HENNESSEY |

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| ✚019583     | 02/03/20 | SRNS-J2000-2014 | 10693   | READING ROOM FOR THE THREE PARTY SIGNED FOURTH FIVE-YEAR REMEDY REVIEW REPORT FOR THE SAVANNAH RIVER SITE, AIKEN, SOUTH CAROLINA, VOLUMES I AND II                                                                                                | HELENA THOMAS      | KATHY KARN<br>CARMICHAEL             |
| ✚019585     | 05/19/20 | WSRC-OS-94-42   | 10693   | SRNS-RP-2012-00011 REVISION1.1 NOVEMBER 2013 SAVANNAH RIVER SITE FOURTH SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT (UPDATED 05/19/2014)                                                                                                       | SRNS               | DEBBIE                               |
| ✚019586     | 05/19/20 | WSRC-OS-94-42   | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT: Changes Dated 05/19/2014: Appendix E (Print Date: 04/04/2014); RECORD OF MODIFICATIONS TO THE FEDERAL FACILITY AGREEMENT FOR THE SAVANNAH SITE REVISED PAGES 17-18                                | SRNS               |                                      |
| ✚019597     | 08/31/20 | 019597          | 10693   | THE ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE FOR THE U.S. DEPARTMENT OF ENERGY CONDUCTS FOURTH FIVE YEAR REMEDY REVIEW AT THE SAVANNAH RIVER SITE VOLUME 24 NUMBER 12 AUGUST 31 2012                                                   | SRNS               |                                      |
| ✚019645     | 05/19/20 | 019645          | 10693   | EPA APPROVAL OF FEDERAL FACILITY AGREEMENT FFA REVISION 1 APPENDIX E LONG TERM PROJECTIONS FOR FISCAL YEAR 2014 PRINT DATE 4/4/2014 RECEIVED APRIL 22 2014                                                                                        | ROBERT H. POPE     | BRIAN T.<br>HENNESSEY                |
| ✚019654     | 06/05/20 | 019654          | 10693   | E-MAIL CORRESPONDENCE FOR THE SCOPING SUMMARY FOR A PHASED SUBMITTAL OF THE SAVANNAH RIVER SITE FIVE-YEAR REMEDY REVIEW REPORT                                                                                                                    | SHELIA MCFALLS     | ROBERT POPE<br>SUSAN<br>FULMER       |
| ✚019671     | 06/19/20 | SRNS-J2000-2014 | 10693   | ERD-EN-2014-00001 FINAL MAY 2014<br>READING ROOM FOR THE REMOVAL SITE EVALUATION REPORT ENGINEERING EVALUATION COST ANALYSIS RSER EECA FOR THE D-AREA ASH LANDFILL 488-4D U                                                                       | HELENA THOMAS      | KATHY KARN<br>CARMICHAEL,<br>YERKES  |
| ✚019691     | 06/24/20 | 019691          | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT: Changes Dated 6/24/2014: Appendix E.1-1 TO E.1-5 PRINT DATE: 04/04/2014, UPDATED: 06/24/2014; E.2-1 TO E.2-4 PRINT DATE: 04/04/2014, UPDATED: 06/24/2014; E.3-1 TO E.3-23 PRINT DATE: 04/04/2014, | SRNS               |                                      |
| ✚019694     | 07/10/20 | WSRC-OS-94-42   | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT (UPDATED 07/10/2014)                                                                                                                                                                               | SRNS               |                                      |
| ✚019705     | 07/02/20 | ACP-14-176      | 10693   | FISCAL YEAR 2014 BUDGET ALLOTMENT FOR ENVIRONMENTAL COMPLIANCE & AREA COMPLETION PROJECTS AND FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX D FOR FISCAL YEAR 2014 PRINT DATE 6/30/14                                                            | BRIAN T. HENNESSEY | ROBERT H.<br>POPE SUSAN<br>B. FULMER |
| ✚019716     | 07/09/20 | 019716          | 10693   | EPA APPROVAL OF THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX D FOR FISCAL YEAR 2014                                                                                                                                                         | ROBERT H. POPE     | BRIAN T.<br>HENNESSEY                |
| ✚019741     | 05/30/20 | 019741          | 10693   | U.S. ENVIRONMENTAL PROTECTION AGENCY REGIONAL SCREENING LEVEL RSL SUMMARY TABLE TR = 1E-06, HQ = 1 MAY 2014                                                                                                                                       | SRNS               |                                      |
| ✚019742     | 08/30/20 | 019742          | 10693   | U S ENVIRONMENTAL PROTECTION AGENCY PRELIMINARY REMEDIATION GOALS PRGs FOR RADIONUCLIDES - SITE - SPECIFIC RESIDENT PRGs FOR SOIL AUGUST 2010                                                                                                     | SRNS               |                                      |
| ✚019743     | 08/30/20 | 019743          | 10693   | U S ENVIRONMENTAL PROTECTION AGENCY PRELIMINARY REMEDIATION GOALS PRGs FOR RADIONUCLIDES - COMPOSITE WORKER SOIL PRG's AUGUST 2010                                                                                                                | SRNS               |                                      |
| ✚019744     | 08/01/20 | SRNS-J2000-2014 | 10693   | PHASED SUBMITTAL OF THE SAVANNAH RIVER SITE FIFTH FIVE YEAR REMEDY REVIEW REPORT NOTIFICATION OF CHANGE IN REMEDY GROUP FOR THE D AREA OIL SEEPAGE BASIN 631-G OPERABLE UNIT.                                                                     | SHELIA MCFALLS     | ROBERT H.<br>POPE<br>HEATHER         |

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| ✚019745     | 01/30/20 | 019745          | 10693   | FINAL LONG TERM MANAGEMENT AND STORAGE OF ELEMENTAL MERCURY ENVIRONMENTAL IMPACT STATEMENT SUMMARY AND GUIDE FOR STAKEHOLDERS DOE/EIS-0423 JANUARY 2011                                                               | SRNS          |                                          |
| ✚019746     | 09/30/20 | 019746          | 10693   | FINAL LONG TERM MANAGEMENT AND STORAGE OF ELEMENTAL MERCURY SUPPLEMENTAL ENVIRONMENTAL IMPACT STATEMENT SUMMARY AND GUIDE FOR STAKEHOLDERS DOE/EIS-0423-S1 SEPTEMBER 2013                                             | SRNS          |                                          |
| ✚019747     | 01/30/20 | 019747          | 10693   | FINAL LONG TERM MANAGEMENT AND STORAGE OF ELEMENTAL MERCURY ENVIRONMENTAL IMPACT STATEMENT VOLUME 2 COMMENT RESPONSE DOCUMENT DOE/EIS-0423 JANUARY 2011                                                               | SRNS          |                                          |
| ✚019748     | 01/30/20 | 019748          | 10693   | FINAL LONG TERM MANAGEMENT AND STORAGE OF ELEMENTAL MERCURY ENVIRONMENTAL IMPACT STATEMENT VOLUME 1 CHAPTER 1-9 AND APPENDICES A - 1 DOE-EIS-0423 JANUARY 2011                                                        | SRNS          |                                          |
| ✚019764     | 08/18/20 | SRNS-J2000-2014 | 10693   | READING ROOM FOR THE ACTION MEMORANDUM AND RESPONSIVENESS SUMMARY FOR THE NON TIME CRITICAL REMOVAL ACTION FOR THE D AREA ASH LANDFILL 488-4D CERCLIS NUMBER 63                                                       | HELENA THOMAS | CARMICHAEL,Y                             |
| ✚019768     | 08/22/20 | 019768          | 10693   | THE SAVANNAH RIVER SITE ENVIRONMENTAL BULLETIN FOR THE U S DEPARTMENT OF ENERGY CONDUCTS PHASED SUBMITTALS OF THE FIFTH FIVE YEAR REMEDY REVIEW AT SAVANNAH RIVER SITE VOLUME 26 NUMBER 8 AUGUST 22 2014              | SRNS          |                                          |
| ✚019775     | 02/12/20 | SRNS-J2000-2014 | 10693   | READING ROOM FOR THE SRS ADMINISTRATIVE RECORD FILE ARF COMPACT DISKS CD 239 AND ARF INDEX DATED FEBRUARY 10, 2014                                                                                                    | HELENA THOMAS | KATHY KARN<br>CARMICHAEL<br>DEBBIE       |
| ✚019778     | 04/14/20 | SRNS-J2000-2014 | 10693   | READING ROOM FOR THE SRS ADMINISTRATIVE FILE ARF COMPACT DISK CD 240 AND ARF INDEX DATED APRIL 9, 2014                                                                                                                | HELENA THOMAS | KATHY KARN<br>CARMICHAEL<br>DEBBIE       |
| ✚019779     | 12/16/20 | SRNS-J2000-2013 | 10693   | READING ROOM FOR THE ERD-EN-2013-00115 UNITED STATES DEPARTMENT OF ENERGY STATEMENT OF BASIS PROPOSED PLAN FACT SHEET FOR THE WETLAND AREA AT DUNBARTON BAY IN SUPPORT OF STEEL CREEK INTEGRATOR OPERABLE             | HELENA THOMAS | KATHY KARN<br>CARMICHAEL<br>DEBBIE       |
| ✚019780     | 11/21/20 | SRNS-J2000-2013 | 10693   | READING ROOM FOR THE SRS ADMINISTRATIVE RECORD FILE ARF COMPACT DISKS CD 236, 237, 238 AND ARF INDEX DATED NOVEMBER 21, 2013                                                                                          | SRNS          | ROBERT POPE<br>VAN KEISLER               |
| ✚019781     | 11/21/20 | SRNS-J2000-2013 | 10693   | READING ROOM FOR THE SRS ADMINISTRATIVE RECORD FILE ARF COMPACT DISKS CD 236, 237, 238 AND ARF INDEX DATED NOVEMBER 21, 2013                                                                                          | HELENA THOMAS | KATHY KARN<br>CARMICHAEL<br>DEBBIE       |
| ✚019785     | 09/02/20 | SRNS-J2000-2014 | 10693   | READING ROOM FOR THE THREE PARTY SIGNED EXPLANATION OF SIGNIFICANT DIFFERENCE ESD FOR THE REVISION 1 RECORD OF DECISION REMEDIAL ALTERNATIVE SELECTION FOR THE L AREA SOUTHERN GROUNDWATER OPERABLE                   | SRNS          | KATHY KARN<br>CARMICHAEL,C<br>YERKES,FAY |
| ✚019788     | 09/04/20 | SRNS-J2000-2014 | 10693   | READING ROOM FOR THE THREE PARTY SIGNED EXPLANATION OF SIGNIFICANT DIFFERENCE ESD FOR INCORPORATING TANKS 5 AND 6 INTO THE REVISION 1 INTERIM RECORD DECISION REMEDIAL ALTERNATIVE SELECTION FOR THE F AREA TANK FARM | SRNS          | KATHY KARN<br>CARMICHAEL,C<br>YERKES,FAY |
| ✚019789     | 09/08/20 | SRNS-J2000-2014 | 10693   | Reading Room for the SRS Administrative Record File (ARF) Compact Disks (CD) #241, #242 and ARF Index Dated July 18, 2014                                                                                             | HELENA THOMAS | KATHY<br>CARMICHAEL,C<br>YERKES          |
| ✚019790     | 09/08/20 | SRNS-J2000-2014 | 10693   | Reading Room for the SRS Administrative Record File (ARF) Compact Disks (CD) #241, #242 and ARF Index Dated July 18, 2014                                                                                             | HELENA THOMAS | SUSAN<br>FULMER,ROBEI<br>POPE            |

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| ✚019791     | 09/08/20 | SRNS-J2000-2014            | 10693   | Reading Room for the SRS Administrative Record File (ARF) Compact Disks (CD) #241, #242 and ARF Index Dated July 18, 2014                                                                                           | HELENA THOMAS                                                | MARTHA BERRY,DEIDRE LLOYD,JON ROBERT H. POPE SUSAN B. FULMER |
| ✚019823     | 09/22/20 | IACD-14-191                | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX H SOLID WASTE MANAGEMENT UNITS FOR FISCAL YEAR 2015 PRINT DATE 9/4/2014                                                                         | BRIAN T. HENNESSEY                                           | ROBERT H. POPE SUSAN B. FULMER                               |
| ✚019824     | 08/01/20 | WSRC-RP-98-4121<br>REV 1.1 | 10693   | LAND USE CONTROL ASSURANCE PLAN FOR THE SAVANNAH RIVER SITE<br>WSRC-RP-98-4125 REVISION 1.1 AUGUST 1999 UPDATED AUGUST 2014                                                                                         | SRNS                                                         |                                                              |
| ✚019825     | 09/22/20 | IACD-14-190                | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX C RCRA/CERCLA UNITS REVISION 0 APPENDIX G SITE EVALUATION AREAS AND REVISION 0 APPENDIX K D&D FACILITIES FOR FISCAL YEAR 2015 PRINT DATE 9/4/14 | BRIAN T. HENNESSEY                                           | ROBERT H. POPE SUSAN F. FULMER                               |
| ✚019864     | 11/06/20 | SRNS-J2000-2014            | 10693   | READING ROOM FOR THE ACTION MEMORANDUM FOR THE TIME CRITICAL REMOVAL ACTION FOR THE D-AREA ASH BASIN 488-2D IACD-15-101 AND THE REMOVAL SITE EVALUATION REPORT FOR THE D-AREA ASH BASIN 488-2D SRNS-RP-2013-00825   | HELENA THOMAS                                                | KATHY KARN CARMICHAEL,C YERKES FAY                           |
| ✚019869     | 11/11/20 | SRNS-J2000-2014            | 10693   | READING ROOM FOR THE CERTIFIED CLEAN COPY OF THE EARLY ACTION STATEMENT OF BASIS/PROPOSED PLAN FOR THE C-AREA OPERABLE UNIT (U) (SRNS-RP-2014-00009, REVISION 1, SEPTEMBER 2014) CERCLIS NUMBER: 79                 | SRNS                                                         | KATHY K. CARMICHAEL FAY VERBURG                              |
| ✚019872     | 07/26/99 | 019872                     | 10693   | UPTAKE OF TRICHLOROETHYLENE BY HYBRID POPLAR TREES GROWN HYDROPONICALLY IN FLOW THROUGH PLANT GROWTH CHAMBERS                                                                                                       | BRADY J ORCHARD<br>WILLIAM J DOUCETTE<br>JULIE K CHARD BRUCE |                                                              |
| ✚019882     | 11/17/20 | IACD-15-104                | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT FFA REVISION 0 APPENDIX E LONG TERM PROJECTIONS FOR FISCAL YEAR 2015 PRINT DATE 10/29/14                                                                            | BRIAN T. HENNESSEY                                           | ROBERT H. POPE SUSAN B. FULMER                               |
| ✚019884     | 11/25/20 | IACD-15-108                | 10693   | DOE SUBMITTAL OF THE ADMINISTRATIVE RECORD FILE / INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE SRNS-RP-2014-01068 NOVEMBER 2014                                                                                | BRIAN T. HENNESSEY                                           | ROBERT H. POPE SUSAN B. FULMER                               |
| ✚019885     | 11/25/20 | IACD-15-107                | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 2014 SRNS-RP-2014-00928 NOVEMBER 2014                                                                                        | BRIAN T.HENNESSEY                                            | ROBERT H. POPE SUSAN B. FULMER                               |
| ✚019886     | 11/30/20 | SRNS-RP-2014-00            | 10693   | FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 2014 SRNS-RP-2014-00928 NOVEMBER 2014                                                                                                             | SRNS                                                         |                                                              |
| ✚019893     | 01/28/20 | 019893                     | 10693   | THE ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE FOR THE THIRD FIVE YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVE SITE ISSUED VOLUME 20 NUMBER 2 DATED JANUARY 28 2009                                         | SRNS                                                         |                                                              |
| ✚019894     | 01/29/20 | 019894                     | 10693   | THE ENVIRONMENTAL BULLETIN FROM THE SAVANNAH RIVER SITE FOR THE EARLY ACTION RECORD OF DECISION AVAILABLE FOR THE P AREA OPERABLE UNIT VOLUME 20 NUMBER 3 DATED JANUARY 29 2009                                     | SRS                                                          |                                                              |
| ✚019953     | 12/15/20 | IACD-15-106                | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT ANNUAL REMOVAL ACTION REPORT FOR FISCAL YEAR 2014                                                                                                                   | BRIAN T. HENNESSEY                                           | ROBERT H. POPE SUSAN B. FULMER                               |
| ✚019954     | 12/23/20 | SRNS-J2000-2014            | 10693   | READING ROOM FOR THE PUBLIC COMMENT PERIOD EXTENDED FOR THE EARLY ACTION STATEMENT OF BASIS/PROPOSED PLAN FOR THE C AREA OPERABLE UNIT U SRNS-RP-2014-00009 REVISION 1 SEPTEMBER 2014 CERCLIS NUMBER 79             | HELENA THOMAS                                                | KATHY KARN-CARMICHAEL DEBBIE                                 |

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| ✚019973     | 12/19/20 | 019973                   | 10693   | SCDHEC APPROVAL OF THE ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE SRNS-RP-2014-01068 NOVEMBER 2014 RECEIVED NOVEMBER 26 2014                                                           | SUSAN B. FULMER    | BRIAN T. HENNESSEY              |
| ✚019976     | 12/18/20 | IACD-15-115              | 10693   | DOE SUBMITTAL OF THE FIFTH FIVE YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH NATIVE SOIL COVERS AND/OR LAND USE CONTROLS U AIKEN SOUTH CAROLINA SRNS-RP-2014-00902 REVISION 0 DECEMBER          | BRIAN T. HENNESSEY | ROBERT H. POPE SUSAN B. FULMER  |
| ✚019977     | 12/30/20 | ERD-EN-2014-005          | 10693   | SAVANNAH RIVER SITE FACT SHEET FIFTH FIVE YEAR REMEDY REVIEW REPORT FOR SRS OPERABLE UNITS WITH NATIVE SOILS COVERS AND/OR LAND USE CONTROLS ERD-EN-2014-0052 SAVANNAH RIVER SITE AIKEN SOUTH CAROLINA DECEMBER 2014     | SRS                |                                 |
| ✚019978     | 12/30/20 | ERD-EN-2014-000          | 10693   | SCOPING SUMMARY FOR A PHASED SUBMITTAL OF THE SAVANNAH RIVER SITE FIVE YEAR REMEDY REVIEW REPORT U ERD-EN-2014-0001 FINAL DECEMBER 2014                                                                                  | SRNS               |                                 |
| ✚019979     | 12/30/20 | SRNS-RP-2014-00<br>REV 0 | 10693   | FIFTH FIVE YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH NATIVE SOIL COVERS AND/OR LAND USE CONTROLS U AIKEN SOUTH CAROLINA SRNS-RP-2014-00902 REVISION 0 DECEMBER 2014                          | SRNS               |                                 |
| ✚019985     | 12/30/20 | 019985                   | 10693   | SCDHEC COMMENTS ON THE SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT FFA REVISION 0 APPENDIX E LONG TERM PROJECTIONS FOR FISCAL YEAR 2015 PRINT DATE 10/29/14 DATED NOVEMBER 17 2014 AND RECEIVED NOVEMBER 18 2014      | SUSAN B. FULMER    | BRIAN T. HENNESSEY              |
| ✚020012     | 01/15/20 | 020012                   | 10693   | SCDHEC APPROVAL OF THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX H SOLID WASTE MANAGEMENT UNITS FOR FISCAL YEAR 2015 PRINT DATE 9/4/14 DATED SEPTEMBER 22 2014 AND RECEIVED SEPTEMBER 23 2014                       | SUSAN B. FULMER    | BRIAN T. HENNESSEY              |
| ✚020025     | 01/30/20 | 020025                   | 10693   | SCDHEC APPROVAL (E-MAIL) OF THE EXTENSION REQUEST FOR THE FEDERAL FACILITY AGREEMENT FFA REVISION 1 APPENDIX E LONG-TERM PROJECTION FOR FISCAL YEAR 2015 IACD-15-130 DATED JANUARY 30 2015                               | SUSAN B. FULMER    | SHELIA MCFALLS                  |
| ✚020031     | 02/09/20 | WSRC-OS-94-42            | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT (UPDATED 2/9/15)                                                                                                                                                          | SRNS               |                                 |
| ✚020038     | 02/03/20 | 020038                   | 10693   | EPA APPROVAL OF THE EXTENSION REQUEST FOR THE FEDERAL FACILITY AGREEMENT FFA REVISION 1 APPENDIX E LONG TERM PROJECTIONS FOR FISCAL YEAR 2015                                                                            | ROBERT H. POPE     | BRIAN T. HENNESSEY              |
| ✚020042     | 02/06/20 | 020042                   | 10693   | EPA APPROVAL OF THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX C RCRA/CERCLA UNITS REVISION 0 APPENDIX G SITE EVALUATION AREAS AND REVISION 0 APPENDIX K D&D FACILITIES FOR FISCAL YEAR 2015 PRINT DATE 9/4/14 DATED | ROBERT H. POPE     | BRIAN T. HENNESSEY              |
| ✚020047     | 02/06/20 | 020047                   | 10693   | EPA APPROVAL OF FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX H SOLID WASTE MANAGEMENT UNITS FOR FISCAL YEAR 2015 PRINT DATE 9/4/14 DATED SEPTEMBER 22 2014                                                             | ROBERT H. POPE     | BRIAN T. HENNESSEY              |
| ✚020070     | 03/02/20 | IACD-15-129              | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT FFA REVISION 1 APPENDIX E LONG TERM PROJECTIONS FOR FISCAL YEAR 2015 PRINT DATE 2/19/15 AND THE SAVANNAH RIVER SITES RESPONSES TO THE REGULATORY COMMENTS ON THE FFA     | BRIAN T. HENNESSEY | ROBERT. H. POPE SUSAN B. FULMER |
| ✚020074     | 03/17/20 | 020074                   | 10693   | SCDHEC COMMENTS ON THE FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR THE SAVANNAH RIVER SITE OPERABLE UNITS WITH NATIVE SOIL COVERS AND/OR LAND USE CONTROLS (U) AIKEN SOUTH CAROLINA SRNS-RP-2014-00902 REVISION 0           | SUSAN B. FULMER    | BRIAN T. HENNESSEY              |
| ✚020077     | 03/26/20 | 020077                   | 10693   | EPA APPROVAL OF THE FEDERAL FACILITY AGREEMENT FFA REVISION 1 APPENDIX E LONG TERM PROJECTIONS FOR FISCAL YEAR 2015 PRINT DATE 2/19/15 RECEIVED MARCH 3 2015                                                             | ROBERT H. POPE     | BRIAN T. HENNESSEY              |

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| ✚020083     | 03/31/20 | WSRC-OS-94-42  | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT CHANGES DATED 3/31/2015: REVISION 1 APPENDIX E, FISCAL YEAR 2015 LONG TERM PROJECTIONS PRINT DATE 2/19/2015 AND RECORD OF MODIFICATIONS TO THE FEDERAL FACILITY AGREEMENT | SRNS            |                    |
| ✚020084     | 03/31/20 | 020084         | 10693   | SCDHEC APPROVAL OF THE FEDERAL FACILITY AGREEMENT FFA REVISION 1 APPENDIX E LONG TERM PROJECTIONS FOR FISCAL YEAR 2015 PRINT DATE 2/19/15 RECEIVED MARCH 3 2015                                                          | SUSAN B. FULMER | BRIAN T. HENNESSEY |
| ✚020085     | 04/03/20 | 020085         | 10693   | EPA APPROVAL OF THE ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE SRNS-RP-2014-01068 NOVEMBER 2014                                                                                        | ROBERT H. POPE  | BRIAN T. HENNESSEY |
| ✚020088     | 03/26/20 | ARF-020088     | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F-AREA INDUSTRIAL LANDFILL PERMIT 025500-1602 FIRST QUARTER 2014                                                                                                                 | SRNS            |                    |
| ✚020089     | 04/16/20 | ARF-020089     | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F-AREA INDUSTRIAL LANDFILL PERMIT 025500-1602 FIRST QUARTER 2014 CORRECTED ISSUES                                                                                                | SRNS            |                    |
| ✚020092     | 12/09/20 | ARF-020092     | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT 025500-1602 FOURTH QUARTER 2014                                                                                                                | SRNS            |                    |
| ✚020093     | 01/08/20 | ER-IDS-019-001 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST FOR SILVERTON ROAD WASTE UNIT BLDG 731-3A U                                                                                                                             | SRNS            |                    |
| ✚020094     | 07/09/20 | ER-IDS-019-001 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST FOR SILVERTON ROAD WASTE UNIT BLDG. 731-3A                                                                                                                              | SRNS            |                    |
| ✚020095     | 01/09/20 | ER-IS-019-002  | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST FOR F-AREA BURNING/RUBBLE PITS 231-F, 231-1F AND 231-2F U                                                                                                               | SRNS            |                    |
| ✚020096     | 07/10/20 | ER-IDS-019-002 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST FOR F-AREA BURNING RUBBLE PITS 231-F, 231-1F AND 231-2F                                                                                                                 | SRNS            |                    |
| ✚020097     | 07/15/20 | ER-IDS-019-003 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST FOR D-AREA BURNING RUBBLE PITS BLDG 431D AND 431-1D                                                                                                                     | SRNS            |                    |
| ✚020099     | 07/14/20 | ER-IDS-019-004 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST K-AREA BINGHAM PUMP OUTAGE PIT BUILDING 643-1G                                                                                                                          | SRNS            |                    |
| ✚020103     | 08/07/20 | ER-IDS-019-006 | 10693   | INSPECTION DATA SHEET FIELD INPSECTION CHECKLIST FOR P-AREA BINGHAM PUMP OUTAGE PIT BUILDING 643-4G                                                                                                                      | SRNS            |                    |
| ✚020105     | 09/02/20 | ER-IDS-019-007 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST L-AREA OIL CHEMICAL BASIN BUILDING 904-83G                                                                                                                              | SRNS            |                    |
| ✚020110     | 02/06/20 | ER-IDS-019-008 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST OLD F-AREA SEEPAGE BAIN BUILDING 904-40G                                                                                                                                | SRNS            |                    |

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| ✚020111     | 08/11/20 | ER-IDS-019-008 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST OLD F-AREA SEEPAGE BASIN BUILDING 904-49G                                                       | SRNS   |           |
| ✚020112     | 10/08/20 | ER-IDS-019-009 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST F-AREA RETENTION BASIN BUILDING 281-3F                                                          | SRNS   |           |
| ✚020113     | 04/24/20 | ER-IDS-019-009 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST F-AREA RETENTION BASIN BUILDING 281-3F                                                          | SRNS   |           |
| ✚020114     | 08/12/20 | ER-IDS-019-010 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST A-AREA BURNING RUBBLE PITS 731-A-1A AND RUBBLE PIT 731-2A AND A-AREA ASH PILE 788-2A            | SRNS   |           |
| ✚020115     | 03/25/20 | ER-IDS-019-011 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST SRL SEEPAGE BASINS BUILDING 904-53G1, 904-53G2, 904-54G AND 904-55G                             | SRNS   |           |
| ✚020116     | 04/29/20 | ER-IDS-019-012 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST K-AREA REACTOR SEEPAGE BASIN BUILDING 904-65G                                                   | SRNS   |           |
| ✚020118     | 06/16/20 | ER-IDS-019-014 | 10693   | INSPECTION DATA SHEET RIELD INSPECTION CHECKLIST MISCELLANEOUS CHEMICAL BASIN METALS BURNING PIT BUILDINGS 731-4A AND 731-5A                     | SRNS   |           |
| ✚020119     | 01/23/20 | ER-IDS-019-015 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST K-AREA BURNING RUBBLE PIT BUILDING 131-K AND RUBBLE PILES BUILDING 631-20G                      | SRNS   |           |
| ✚020120     | 05/06/20 | ER-IDS-019-016 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST C-AREA BURNING RUBBLE PIT BUILDING 131-C                                                        | SRNS   |           |
| ✚020121     | 02/28/20 | ER-IDS-019-018 | 10693   | INSPECTION DATA SHEET MIXED WASTE MANAGEMENT FACILITY POST CLOSURE INSPECTION BUILDING 643-28G AND LOW-LEVEL RADIOACTIVE WASTE DISPOSAL FACILITY | SRNS   |           |
| ✚020122     | 08/19/20 | ER-IDS-019-018 | 10693   | INSPECTION DATA SHEET MIXED WASTE MANAGEMENT FACILITY POST CLOSURE INSPECTION BUILDING 643-28G AND LOW-LEVEL RADIOACTIVE WASTE DISPOSAL FACILITY | SRNS   |           |
| ✚020123     | 05/12/20 | ER-IDS-019-018 | 10693   | INSPECTION DATA SHEET IMXED WASTE MANAGEMENT FACILITY POST CLOSURE INSPECTION BUILDING 643-28G AND LOW-LEVEL RADIOACTIVE WASTE DISPOSAL FACILITY | SRNS   |           |
| ✚020124     | 02/10/20 | ER-IDS-019-019 | 10693   | INSPECTION DATA SHEET F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-41G 904-42G AND 904-43G                                                     | SRNS   |           |
| ✚020125     | 03/04/20 | ER-IDS-019-019 | 10693   | INSPECTION DATA SHEET F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-41G 904-42G AND 904-43G                                                     | SRNS   |           |
| ✚020126     | 05/14/20 | ER-IDS-019-019 | 10693   | INSPECTION DATA SHEET F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-41G 904-42G AND 904-43G                                                     | SRNS   |           |

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| ✚020127     | 04/02/20 | ER-IDS-019-019 | 10693   | INSPECTION DATA SHEET F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-41G 904-42G AND 904-43G           | SRNS   |           |
| ✚020128     | 06/10/20 | ER-IDS-019-019 | 10693   | INSPECTION DATA SHEET F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-41G 904-42G AND 904-43G           | SRNS   |           |
| ✚020129     | 07/08/20 | ER-IDS-019-019 | 10693   | INSPECTION DATA SHEET F-AREA HAZARDOUS WASTE MANAGMENT FACILITY 904-41G 904-42G AND 904-43G            | SRNS   |           |
| ✚020130     | 08/06/20 | ER-IDS-019-019 | 10693   | INSPECTION DATA SHEET F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-41G 904-42G AND 904-43G           | SRNS   |           |
| ✚020131     | 09/09/20 | ER-IDS-019-019 | 10693   | INSPECTION DATA SHEET F-AREA HAZARDOUS WASTE MANAGMENT FACILITY 904-41G 904-42G AND 904-43G            | SRNS   |           |
| ✚020132     | 11/07/20 | ER-IDS-019-020 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST METALLURGICAL LABORATORY HWMF POST CLOSURE INSPECTION | SRNS   |           |
| ✚020133     | 02/18/20 | ER-IDS-019-020 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST METALLURGICAL LABORATORY HWMF POST CLOSURE INSPECTION | SRNS   |           |
| ✚020134     | 05/05/20 | ER-IDS-019-020 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST METALLURGICAL LABORATORY HWMF POST CLOSURE INSPECTION | SRNS   |           |
| ✚020135     | 08/18/20 | ER-IDS-019-020 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST METALLURGICAL LABORATORY HWMF POST CLOSURE INSPECTION | SRNS   |           |
| ✚020138     | 05/20/20 | ER-IDS-019-021 | 10693   | INSPECTION DATA SHEET H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-44G, 904-45G, 904-46G AND 904-56G | SRNS   |           |
| ✚020140     | 06/02/20 | ER-IDS-019-021 | 10693   | INSPECTION DATA SHEET H-AREA HAZARDOUS WASTE MANAGMENT FACILITY 904-44G, 904-45G, 904-46G AND 904-56G  | SRNS   |           |
| ✚020141     | 07/07/20 | ER-IDS-019-021 | 10693   | INSPECTION DATA SHEET H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-44G, 904-45G, 904-46G AND 904-56G | SRNS   |           |
| ✚020142     | 08/05/20 | ER-IDS-019-021 | 10693   | INSPECTION DATA SHEET H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-44G, 904-45G, 904-46 AND 904-56G  | SRNS   |           |
| ✚020143     | 09/08/20 | ER-IDS-019-021 | 10693   | INSPECTION DATA SHEET H-HARA HAZARDOUS WASTE MANAGEMENT FACILITY 904-44G, 904-45G, 904-46G AND 904-56G | SRNS   |           |
| ✚020144     | 02/24/20 | ER-IDS-019-022 | 10693   | INSPECTION DATA SHEET M-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-51G                               | SRNS   |           |



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| ✚020145     | 05/01/20 | ER-IDS-019-022 | 10693   | INSPECTION DATA SHEET M-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-51G                                             | SRNS   |           |
| ✚020146     | 08/04/20 | ER-IDS-019-022 | 10693   | INSPECTION DATA SHEET M-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-51G                                             | SRNS   |           |
| ✚020147     | 11/18/20 | ER-IDS-019-023 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR THE INTERIM SANITARY LANDFILL BUILDING 740-10G                 | SRNS   |           |
| ✚020148     | 02/19/20 | ER-IDS-019-023 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR THE INTERIM SANITARY LANDFILL BUILDING 740-10G                 | SRNS   |           |
| ✚020149     | 05/13/20 | ER-IDS-019-023 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR THE INTERIM SANITARY LANDFILL BUILDING 740-10G                 | SRNS   |           |
| ✚020150     | 08/13/20 | ER-IDS-019-023 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR THE INTERIM SANITARY LANDFIL BUILDING 740-10G                  | SRNS   |           |
| ✚020151     | 12/05/20 | ER-IDS-019-024 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST FOR FORD BUILDING SEEPAGE BASIN OPERABLE UNIT BUILDING 704-91G      | SRNS   |           |
| ✚020152     | 06/05/20 | ER-IDS-019-024 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST FOR FORD BUILDING SEEPAGE BASIN OPERABLE UNIT BUILDING 904-91G      | SRNS   |           |
| ✚020153     | 06/11/20 | ER-IDS-019-025 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST FOR L-REACTOR SEEPAGE BASIN BUILDING 904-64G                        | SRNS   |           |
| ✚020154     | 06/16/20 | ER-IDS-019-026 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST FOR R-BINGHAM PUMP OUTAGE PITS AND UNKNOWN PITS OPERABLE UNIT       | SRNS   |           |
| ✚020157     | 05/21/20 | ER-IDS-019-027 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST FOR OLD RADIOACTIVE WASTE BURIALGROUND BUILDING 643-E               | SRNS   |           |
| ✚020160     | 08/14/20 | ER-IDS-019-028 | 10693   | INSPECTION DATA SHEET SANITARY LANDFILL BUILDING 740-G                                                               | SRNS   |           |
| ✚020162     | 06/11/20 | ER-IDS-019-030 | 10693   | FIELD INSPECTION CHECKLIST P-AREA BURNING RUBBLE PIT BUILDING 131-P                                                  | SRNS   |           |
| ✚020163     | 04/21/20 | ER-IDS-019-031 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST CENTRAL SHOPS BURNING RUBBLE PITS OPERABLE UNITS 631-1G AND 631-3G | SRNS   |           |
| ✚020164     | 10/07/20 | ER-IDS-019-031 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST CNETRAL SHOPS BURNING RUBBLE PITS OPERABLE UNITS 631-1G AND 631-3G | SRNS   |           |

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| ✚020165     | 09/22/20 | ER-IDS-019-032 | 10693   | INPSECTION DATA SHEET FIELD INSPECTION CHECKLIST FOR T-AREA OPERABLE UNIT TAOU                                             | SRNS   |           |
| ✚020168     | 06/09/20 | ER-IDS-019-035 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST P REACTOR SEEPAGE BASIN OPERABLE UNIT BUILDINGS 904-61G, 904-62G, 904-63G | SRNS   |           |
| ✚020182     | 01/02/20 | ER-IDS-019-037 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST H AREA INACTIVE PROCESS SEWER                                             | SRNS   |           |
| ✚020183     | 02/03/20 | ER-IDS-019-037 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLSIT H AREA INACTIVE PROCESS SEWER                                             | SRNS   |           |
| ✚020185     | 05/01/20 | ER-IDS-019-037 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST H AREA INACTIVE PROCESS SEWER                                             | SRNS   |           |
| ✚020186     | 04/01/20 | ER-IDS-019-037 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST H AREA                                                                    | SRNS   |           |
| ✚020188     | 07/07/20 | ER-IDS-019-037 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST H AREA INACTIVE PROCESS SEWER                                             | SRNS   |           |
| ✚020189     | 08/04/20 | ER-IDS-019-037 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST H AREA INACTIVE PROCESS SEWER                                             | SRNS   |           |
| ✚020190     | 09/08/20 | ER-IDS-019-037 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST H AREA INACTIVE PROCESS SEWER                                             | SRNS   |           |
| ✚020192     | 07/22/20 | ER-IDS-019-040 | 10693   | FIELD INSPECTION CHECKLIST AT LTR IOU FOR FOUR PUBLIC ROAD CROSSING BETWEEN PATTERSON MILL ROAD AND SAVANNAH RIVER         | SRNS   |           |
| ✚020194     | 01/22/20 | ER-IDS-019-042 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST H AREA RETENTION BASIN                                                    | SRNS   |           |
| ✚020196     | 01/15/20 | ER-IDS-019-044 | 10693   | INPSECTION DATA SHEET FIELD INSPECTION CHECKLIST HP-62                                                                     | SRNS   |           |
| ✚020198     | 09/11/20 | ER-IDS-019-048 | 10693   | INSPECTION DATA SHEETS FIELD MAINTENANCE CHECKLIST FOR R-REACTOR SEEPAGE BASINS 904-57G, 58G, 59G, 60G, 103G, 104G         | SRNS   |           |
| ✚020200     | 09/29/20 | ER-IDS-019-050 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST M AREA INACTIVE PROCESS SEWER LINE MIPS L OPERABLE UNIT 081-M            | SRNS   |           |
| ✚020202     | 03/13/20 | ER-IDS-019-052 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR R-AREA ECODS 1A, 1B, 1C, OPERABLE UNIT                               | SRNS   |           |

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| ✚020205     | 03/17/20 | ER-IDS-019-055 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR P-AREA ECODS P-2 OPERABLE UNIT                                                       | SRNS   |           |
| ✚020206     | 06/17/20 | ER-IDS-019-056 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR HEAVY WATER COMPONENT TEST REACTOR HWCTR 770U                                        | SRNS   |           |
| ✚020207     | 04/28/20 | ER-IDS-019-057 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR M-AREA OPERABLE UNIT MAOU                                                            | SRNS   |           |
| ✚020208     | 09/03/20 | ER-IDS-019-058 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR EARLY ACTION LAND USE CONTROL IMPLEMENTATION PLAN AT K-AREA REACTOR BUILDING COMPLEX | SRNS   |           |
| ✚020209     | 09/04/20 | ER-IDS-019-059 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR EARLY ACTION LAND USE CONTROL IMPLEMENTATION PLAN AT L-AREA REACTOR BUILDING COMPLEX | SRNS   |           |
| ✚020210     | 09/04/20 | ER-IDS-019-060 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR EARLY ACTION LAND USE CONTROL IMPLEMENTATION PLAN AT C-AREA REACTOR BUILDING COMPLEX | SRNS   |           |
| ✚020211     | 04/23/20 | ER-IDS-019-061 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR P-AREA ASH BASIN AND P-007 OUTFALL                                                   | SRNS   |           |
| ✚020212     | 07/17/20 | ER-IDS-019-062 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR CHEMICAL, METAL AND PESTICIDES PITS                                                  | SRNS   |           |
| ✚020216     | 07/23/20 | ER-IDS-019-066 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR P-AREA OPERABLE UNIT PAOU                                                            | SRNS   |           |
| ✚020217     | 09/23/20 | ER-IDS-019-067 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR D-AREA COAL PILE RUNOFF BASIN 489-D NORTH                                            | SRNS   |           |
| ✚020219     | 05/07/20 | ER-IDS-019-070 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR GUNSITE 012 OPERABLE UNIT                                                            | SRNS   |           |
| ✚020220     | 06/18/20 | ER-IDS-019-071 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR D-AREA BUBBLE TOWER COVER                                                            | SRNS   |           |
| ✚020223     | 10/02/20 | ER-SOP-008     | 10693   | POST CLOSURE INSPECTION F-AREA HAZARDOUS WASTE MANAGEMENT FACILITIES 904-41G, 904-42G, AND 904-43G                                         | SRNS   |           |
| ✚020224     | 11/11/20 | ER-SOP-008     | 10693   | POST CLOSURE INSPECTION F-AREA HAZARDOUS WASTE MANAGEMENT FACILITIES 904-41G, 904-42G, AND 904-43G                                         | SRNS   |           |
| ✚020225     | 12/04/20 | ER-SOP-008     | 10693   | POST CLOSURE INSPECTION F-AREA HAZARDOUS WASTE MANAGEMENT FACILITIES 904-41G, 904-42G, AND 904-43G                                         | SRNS   |           |

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| ✚020226     | 01/06/20 | ER-SOP-008                       | 10693   | POST CLOSURE INSPECTION F-AREA HAZARDOUS WASTE MANAGEMENT FACILITES 904-41G, 904-42G AND 904-43G                                                                                                                            | SRNS               |                                      |
| ✚020227     | 10/01/20 | ER-SOP-009                       | 10693   | POST CLOSURE INSPECTION H-AREA HAZARDOUS WASTE MANAGMENT FACILITY BUILDINGS 904-44G, 904-45G, AND 904-58G                                                                                                                   | SRNS               |                                      |
| ✚020228     | 11/04/20 | ER-SOP-009                       | 10693   | POST CLOSURE INSPECTION H-AREA HAZARDOUS WASTE MANAGMENT FACILITY BUILDING 904-44G, 904-45G, 904-46G AND 904-56G                                                                                                            | SRNS               |                                      |
| ✚020229     | 12/03/20 | ER-SOP-009                       | 10693   | POST CLOSURE INSPECTION H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY BUILDING 904-44G, 904-45G, 904-46G, AND 904-56G                                                                                                          | SRNS               |                                      |
| ✚020230     | 01/07/20 | ER-SOP-009                       | 10693   | POST CLOSURE INSPECTION H-AREA HAZARDOUS WASTE MANAGMENT FACILITY BUILDINGS 904-44G, 904-45G, 904-46G, AND 904-56G                                                                                                          | SRNS               |                                      |
| ✚020231     | 11/12/20 | ER-SOP-012                       | 10693   | POST CLOSURE INSPECTION M-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-51G                                                                                                                                                  | SRNS               |                                      |
| ✚020232     | 11/06/20 | ER-SOP-013                       | 10693   | POST CLOSURE INSPECTION SANITARY LANDFIL BUILDING 740-G                                                                                                                                                                     | SRNS               |                                      |
| ✚020247     | 05/21/20 | SRNS-J2000-2015                  | 10693   | READING ROOM FOR THE SRS ADMINISTRATIVE RECORD FILE (ARF) SRR-CWDA-2014-00086 REVISION 0 INDUSTRIAL WASTEWATER CLOSURE MODULE FOR LIQUID WASTE TANK 12H H-AREA TANK FARM, SAVANNAH RIVER SITE (U)                           | LAMESHA PRESSLEY   | KATHY KARN<br>CARMICHAEL             |
| ✚020264     | 06/03/20 | IACD-15-151                      | 10693   | DOE SUBMITTAL OF THE FISCAL YEAR 2015 BUDGET ADVICE OF ALLOTMENT FOR ENVIRONMENTAL COMPLIANCE AND AREA COMPLETION PROJECTS AND FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX D FOR FISCAL YEAR 2015 PRINT DATE             | BRIAN T.HENNESSEY  | ROBERT H.<br>POPE SUSAN<br>B. FULMER |
| ✚020275     | 06/15/20 | 020275                           | 10693   | SCDHEC APPROVAL OF THE FISCAL YEAR 2015 BUDGET ADVICE OF ALLOTMENT FOR ENVIROMENTAL COMPLIANCE AND AREA COMPLETION PROJECTS AND FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX D FOR FISCAL YEAR 2015 PRINT DATE            | SUSAN B. FULMER    | BRIAN T.<br>HENNESSEY                |
| ✚020284     | 06/30/20 | SRNS-J2000-2015                  | 10693   | READING ROOM FOR THE TNX OPERABLE UNIT FACT SHEET, APPENDIX A, SECOND CORRECTIVE MEASURES IMPLEMENTATION / REMEDIAL ACTION IMPLEMENTATION PLAN (CMI/RAIP) FOR THE TNX AREA OPERABLE UNIT (U)                                | SRNS               | USC-Aiken,USC                        |
| ✚020291     | 07/06/20 | 020291                           | 10693   | THE SAVANNAH RIVER SITE ENVIRONMENTAL BULLETIN FOR THE TNX OPERABLE UNIT REMEDIAL ACTION FACT SHEET AVAILABLE AND THE REVISED FONSI AVAILABLE FOR BIOMAS COGENERATION AND HEATING FACILITIES VOLUME 27 NUMBER 5 JULY 6 2015 | SRNS               |                                      |
| ✚020296     | 07/01/20 | 020296                           | 10693   | EPA APPROVAL OF THE FISCAL YEAR 2015 BUDGET ADVICE OF ALLOTMENT FOR ENVIRONMENTAL COMPLIANCE & AREA COMPLETION PROJECTS AND FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX D FOR FISCAL YEAR 2015 PRINT DATE                | ROBERT H. POPE     | BRIAN T.<br>HENNESSEY                |
| ✚020299     | 07/08/20 | IACD-15-159                      | 10693   | DOE SUBMITTAL OF THE FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH NATIVE SOIL COVERS AND/OR LAND USE CONTROLS U AIKEN, SOUTH CAROLINA SRNS-RP-2014-00902 REDLINE REVISION 1             | BRIAN T. HENNESSEY | ROBERT H.<br>POPE SUSAN<br>B. FULMER |
| ✚020300     | 06/30/20 | ERD-EN-2014-005<br>REDLINE REV 1 | 10693   | SAVANNAH RIVER SITE FIFTH FIVE YEAR REMEDY REVIEW REPORT FACT SHEET FOR SRS OPERABLE UNITS WITH NATIVE SOIL COVERS AND/OR LNAD USE CONTROLS ERD-EN-2014-0052 JUNE 2015 REDLINE PAGE                                         | SRS                |                                      |

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| ✚020301     | 06/30/20 | SRNS-RP-2014-00 | 10693   | FIFTH FIVE YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH NATIVE SOIL COVERS AND/OR LAND USE CONTROLS U AIKEN SOUTH CAROLINA SRNS-RP-2014-00902 REDLINE REVISION 1 JUNE 2015                         | SRNS               |                                    |
| ✚020323     | 07/07/20 | WSRC-OS-94-42   | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT CHANGES DATED 07/07/15: REVISION 0 APPENDIX D FOR FISCAL YEAR 2015 PRINT DATE: 05/20/15, UPDATED 07/07/15 REVISION 1 APPENDIX E: FISCAL YEAR 2015 LONG TERM PROJECTIONS E.1: | SRNS               |                                    |
| ✚020325     | 04/20/20 | 020325          | 10693   | EPA COMMENTS ON THE FIFTH YEAR REMEDY REVIEW REPORT FOR THE SAVANNAH RIVER SITE OPERABLE UNITS WITH NATIVE SOIL COVERS AND/OR LAND USE CONTROLS U AIKEN SOUTH CAROLINA SRNS-RP-2014-00902 REVISION 0 DECEMBER               | ROBERT H. POPE     | BRIAN T. HENNESSEY                 |
| ✚020329     | 08/24/20 | SRNS-J2000-2015 | 10693   | READING ROOM FOR THE REVISION 3 ACTION MEMORANDUM FOR THE NON-TIME CRITICAL REMOVAL ACTION FOR THE D-AREA COAL PILE RUNOFF BASIN (489-D), CERCLIS NUMBER: 63                                                                | SRNS               | KATHY K. CARMICHAEL<br>FAY BERBURG |
| ✚020330     | 08/27/20 | 020330          | 10693   | EPA APPROVAL OF THE FIFTH FIVE YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH NATIVE SOIL COVERS AND/OR LAND USE CONTROLS U AIKEN SOUTH CAROLINA SRNS-RP-2014-00902 REDLINE REVISION 1 JUNE          | ROBERT H. POPE     | BRIAN T. HENNESSEY                 |
| ✚020331     | 08/18/20 | 020331          | 10693   | SCDHEC APPROVAL OF THE FIFTH FIVE YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH NATIVE SOIL COVERS AND/OR LAND USE CONTROLS U AIKEN SOUTH CAROLINA SRNS-RP-2014-00902 REDLINE REVISION 1            | SUSAN B. FULMER    | BRIAN T. HENNESSEY                 |
| ✚020334     | 08/31/20 | ARF-020334      | 10693   | READING ROOM FOR THE EARLY ACTION RECORD OF DECISION REMEDIAL ALTERNATIVE SELECTION FOR THE C-AREA OPERABLE UNIT (U) SRNS-RP-2014-00836 REVISION 1 MAY 2015                                                                 | SRNS               | CARMICHAEL,Y                       |
| ✚020337     | 05/17/20 | SRNS-J2000-2015 | 10693   | READING ROOM FOR THE SRS ADMINISTRATIVE RECORD FILE ARF COMPACT DISKS CD 243 AND ARF INDEX DATED SEPTEMBER 2014                                                                                                             | SRNS               | USC-AIKEN,USC                      |
| ✚020347     | 09/09/20 | 020347          | 10693   | THE SAVANNAH RIVER SITE ENVIRONMENTAL BULLETIN U.S. DEPARTMENT OF ENERGY CONDUCTS PHASED SUBMITTALS OF THE FIFTH FIVE YEAR REMEDY REVIEW AT SAVANNAH RIVER SITE SECOND PHASE SAVANNAH RIVER SITE OPERABLE UNITS             | SRNS               |                                    |
| ✚020360     | 09/24/20 | IACD-15-175     | 10693   | DOE SUBMITTAL OF THE U.S. DEPARTMENT OF ENERGY SIGNED FIFTH FIVE YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH NATIVE SOIL COVERS AND/OR LAND USE CONTROLS U AIKEN SOUTH CAROLINA                   | BRIAN T. HENNESSEY | ROBERT H. POPE SUSAN B. FULMER     |
| ✚020361     | 06/30/20 | SRNS-RP-2014-00 | 10693   | FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH NATIVE SOIL COVERS AND/OR LAND USE CONTROLS U AIKEN SOUTH CAROLINA SRNS-RP-2014-00902 REVISION 1 JUNE 2015                                 | SRNS               |                                    |
| ✚020362     | 06/30/20 | ERD-EN-2014-005 | 10693   | SAVANNAH RIVER SITE FACT SHEET FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SRS OPERABLE UNITS WITH NATIVE SOIL COVERS AND/OR LAND USE CONTROLS ERD-EN-2014-0052 SAVANNAH RIVER SITE AIKEN SOUTH CAROLINA JUNE 2015             | SRS                |                                    |
| ✚020368     | 10/01/20 | IACD-15-180     | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX H SOLID WASTE MANAGEMENT UNITS FOR FISCAL YEAR 2016 PRINT DATE 09/23/2015                                                                               | BRIAN T. HENNESSEY | ROBERT H. POPE SUSAN B. FULMER     |
| ✚020370     | 01/29/20 | ER-IDS-019-065  | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR P AREA OPERABLE UNIT REACTOR BUILDING AND DISASSEMBLY BASIN U                                                                                                         | SRNS               |                                    |
| ✚020388     | 05/17/20 | SRNS-J2000-2015 | 10693   | READING ROOM FOR THE SRS ADMINISTRATIVE RECORD FILE ARF COMPACT DISK CD 243 AND ARF INDEX DATED SEPTEMBER 2014                                                                                                              | SRNS               | SUSAN FULMER,ROBEI POPE            |

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| ✚020401     | 10/27/20 | IACD-16-101            | 10693   | DOE SUBMITTAL OF THE SAVANNAH RIVER SITE SRS FEDERAL FACILITY AGREEMENT FFA PROJECT MANAGER DATED OCTOBER 27 2015                                                                                                 | DAVID J. BENDER    | ROBERT H. POPE SUSAN B. FULMER |
| ✚020404     | 06/30/20 | SRNS-RP-2014-00 REV 1  | 10693   | FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH NATIVE SOIL COVERS AND/OR LAND USE CONTROLS U AIKEN SOUTH CAROLINA SRNS-RP-2014-00902 REVISION 1 JUNE 2015                       | SRNS               |                                |
| ✚020408     | 11/10/20 | IACD-16-104            | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT ANNUAL REMOVAL ACTION REPORT FOR FISCAL YEAR 2015                                                                                                                 | BRIAN T. HENNESSEY | ROBERT H. POPE SUSAN B. FULMER |
| ✚020409     | 11/10/20 | IACD-16-103            | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT FFA REVISION 0 APPENDIX E LONG TERM PROJECTIONS FOR FISCAL YEAR 2016 PRINT DATE 10/28/15                                                                          | BRIAN T. HENNESSEY | ROBERT H. POPE SUSAN B. FULMER |
| ✚020424     | 11/30/20 | IACD-16-107            | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 2015 SRNS-RP-2015-00806 NOVEMBER 2015                                                                                      | BRIAN T. HENNESSEY | ROBERT H. POPE SUSAN B. FULMER |
| ✚020425     | 11/30/20 | SRNS-RP-2015-00        | 10693   | FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 2015 SRNS-RP-2015-00806 NOVEMBER 2015                                                                                                           | SRNS               |                                |
| ✚020430     | 12/02/20 | IACD-16-108            | 10693   | DOE SUBMITTAL OF THE THREE PARTY-SIGNED FIFTH FIVE YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH NATIVE SOIL COVERS AND/OR LAND USE CONTROLS U AIKEN SOUTH CAROLINA SRNS-RP-2014-00902    | BRIAN T. HENNESSEY | ROBERT H. POPE SUSAN B. FULMER |
| ✚020431     | 12/01/20 | WSRC-RP-98-412 REV 1.1 | 10693   | LAND USE CONTROL ASSURANCE PLAN FOR THE SAVANNAH RIVER SITE WSRC-RP-98-4125 REVISION 1.1 AUGUST 1999 UPDATED DECEMBER 2015                                                                                        | ROSS FANNING       |                                |
| ✚020445     | 12/22/20 | IACD-16-109            | 10693   | DOE SUBMITTAL OF THE FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GROUNDWATER REMEDIES U AIKEN SOUTH CAROLINA SRNS-RP-2015-00419 REVISION 0 DECEMBER 2015 SAVANNAH RIVER SITE | BRIAN T. HENNESSEY | ROBERT H. POPE SUSAN B. FULMER |
| ✚020446     | 12/30/20 | ERD-EN-2015-004        | 10693   | SCOPING SUMMARY FOR THE FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GROUNDWATER REMEDIES U ERD-EN-2015-0041 FINAL DECEMBER 2015                                              | SRNS               |                                |
| ✚020447     | 12/30/20 | ERD-EN-2015-004        | 10693   | SAVANNAH RIVER SITE FACT SHEET FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SRS OPERABLE UNITS WITH GROUNDWATER REMEDIES ERD-EN-2015-0048 SAVANNAH RIVER SITE AIKEN SC DECEMBER 2015                                  | SRS                |                                |
| ✚020448     | 12/30/20 | SRNS-RP-2015-00 Rev. 0 | 10693   | FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GROUNDWATER REMEDIES U AIKEN SOUTH CAROLINA SRNS-RP-2015-00419 REVISION 0 DECEMBER 2015                                          | SRNS               |                                |
| ✚020454     | 12/24/20 | 020454                 | 10693   | EPA COMMENTS ON THE FEDERAL FACILITY AGREEMENT FFA REVISION 0 APPENDIX E LONG TERM PROJECTIONS FOR FISCAL YEAR 2016 PRINT DATE 10/28/2015                                                                         | ROBERT H. POPE     | CANDICE FREEMAN                |
| ✚020521     | 02/23/20 | SRNS-J2000-2016        | 10693   | READING ROOM FOR THE SRS ADMINISTRATIVE RECORD FILE (ARF) COMPACT DISKS (CD) #247, #248, AND ARF INDEX DATED FEBRUARY 22, 2016.                                                                                   | SRNS               | SUSAN FULMER, ROBERT H. POPE   |
| ✚020533     | 02/26/20 | 020533                 | 10693   | SCDHEC CONDITIONAL APPROVAL OF THE FEDERAL FACILITY AGREEMENT FFA REVISION 1 APPENDIX E LONG TERM PROJECTIONS FOR FISCAL YEAR 2016 PRINT 1/21/2016 DATED JANUARY 29 2016 AND RECEIVED FEBRUARY 1 2016             | SUSAN B. FULMER    | CANDICE O. FREEMAN             |

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| ✚020535     | 03/04/20 | WSRC-OS-94-42   | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT CHANGES DATED 3/4/16 REVISION 1 APPENDIX E FOR FISCAL YEAR 2016 PRINT DATE: 1/21/16 REVISION 0                                                                                                                                                  | SRNS               |                                |
| ✚020542     | 03/02/20 | 020542          | 10693   | APPENDIX G FOR FISCAL YEAR 2016 PRINT DATE: 9/23/15 REVISION 0 APPENDIX H FOR EPA CONDITIONAL APPROVAL OF THE FEDERAL FACILITY AGREEMENT FFA REVISION 1                                                                                                                                        | ROBERT H. POPE     | CANDICE FREEMAN                |
| ✚020543     | 03/02/20 | 020543          | 10693   | APPENDIX E LONG-TERM PROJECTIONS FOR FISCAL YEAR 2016 PRINT DATE 1/21/2016 AND THE RESPONSES TO REGULATORY COMMENTS ON THE FFA REVISION 0                                                                                                                                                      | SUSAN B. FULMER    | AMY J. MEYER                   |
| ✚020548     | 03/16/20 | SRNS-J2000-2016 | 10693   | SCDHEC APPROVAL OF THE SAVANNAH RIVER SITE INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN APPENDICES A, B, AND C WSRC-RP-94-1227 REVISION 9D NOVEMBER 2015 RECEIVED FEBRUARY 4 2016                                                                                                               | AMY MEYER          | SUSAN B. FULMER                |
| ✚020551     | 03/21/20 | IACD-16-129     | 10693   | SRNS SUBMITTAL OF THE SAVANNAH RIVER SITE INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN APPENDICES A,B, AND C (WSRC-RP-94-1227 REVISION 9D NOVEMBER 2015) (CLEAN COPY)                                                                                                                           | BRIAN T. HENNESSEY | ROBERT H. POPE SUSAN B. FULMER |
| ✚020553     | 03/22/20 | 020553          | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION 1 APPENDIX K D&D FACILITIES FOR FISCAL YEAR 2016 PRINT DATE 03/14/16 AND SAVANNAH RIVER SITES RESPONSES TO THE REGULATORY COMMENTS ON THE REVISION 0 APPENDICES C, G, SCDHEC COMMENTS ON THE FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR | SUSAN B. FULMER    | CANDICE O. FREEMAN             |
| ✚020565     | 04/07/20 | 020565          | 10693   | SAVANNAH RIVER SITE OPERABLE UNITS WITH GROUNDWATER REMEDIES (U) - AIKEN, SOUTH CAROLINA (SRNS-RP-2015-00419 REVISION 0 DECEMBER 2015) RECEIVED SCDHEC APPROVAL OF THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX C                                                                        | SUSAN B. FULMER    | BRIAN T. HENNESSEY             |
| ✚020568     | 03/25/20 | ARF-020568      | 10693   | RCRA/CERCLA UNITS FOR FISCAL YEAR 2016 PRINT DATE: 09/23/2015 AND REVISION 1 APPENDIX K D&D FACILITIES FOR FISCAL YEAR 2016 PRINT DATE 3/14/16 RECEIVED QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT                                                              | SRNS               |                                |
| ✚020569     | 06/29/20 | ARF-020569      | 10693   | 025500-1602 FIRST QUARTER 2015                                                                                                                                                                                                                                                                 | SRNS               |                                |
| ✚020570     | 09/10/20 | ARF-020570      | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT 025500-1602 SECOND QUARTER 2015                                                                                                                                                                                      | SRNS               |                                |
| ✚020571     | 12/09/20 | ARF-020571      | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT 025500-1602 THIRD QUARTER 2015                                                                                                                                                                                       | SRNS               |                                |
| ✚020572     | 07/13/20 | ER-IDS-019-001  | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT 025500-1602 FOURTH QUARTER 2015                                                                                                                                                                                      | SRNS               |                                |
| ✚020575     | 07/09/20 | ER-IDS-019-004  | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR SILVERTON ROAD WASTE UNIT BUILDING 731-3A (U)                                                                                                                                                                                            | SRNS               |                                |
| ✚020576     | 08/04/20 | ER-IDS-019-005  | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST FOR K-AREA BINGHAM PUMP OUTAGE PITS BUILDING 643-1G (U)                                                                                                                                                                                       | SRNS               |                                |
| ✚020577     | 08/04/20 | ER-IDS-019-006  | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST FOR L-AREA BINGHAM PUMP OUTAGE PITS BUILDING 643-2G AND 643-3G (U)                                                                                                                                                                            | SRNS               |                                |
| ✚020577     | 08/04/20 | ER-IDS-019-006  | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST FOR P-AREA BINGHAM PUMP OUTAGE PIT BUILDING 643-4G (U)                                                                                                                                                                                        | SRNS               |                                |

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| ✚020578     | 09/22/20 | ER-IDS-019-007 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST L-AREA OIL CHEMICAL BASIN BUILDING 904-83G (U)                                                   | SRNS   |           |
| ✚020582     | 03/12/20 | ER-IDS-019-011 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST SRL SEEPAGE BASINS BUILDINGS 904-53G1, 904-53G2, 904-54G AND 904-55G (U)                         | SRNS   |           |
| ✚020583     | 04/28/20 | ER-IDS-019-012 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST K-AREA REACTOR SEEPAGE BASIN BUILDING 904-65G (U)                                                | SRNS   |           |
| ✚020585     | 06/08/20 | ER-IDS-019-014 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST MISCELLANEOUS CHEMICAL BASIN METALS BURING PIT BUILDING 731-4A AND 731-5A (U)                    | SRNS   |           |
| ✚020587     | 05/26/20 | ER-IDS-019-016 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST C-AREA BURING RUBBLE PIT BUILDING 131-C (U)                                                      | SRNS   |           |
| ✚020588     | 02/25/20 | ER-IDS-019-018 | 10693   | INSPECTION DATA SHEET MIXED WASTE MANAGEMENT FACILITY POST CLOSURE INSPECTION, BUILDING 643-28G AND LOW-LEVEL RADIOACTIVE WASTE DISPOSAL FACILITY | SRNS   |           |
| ✚020589     | 05/27/20 | ER-IDS-019-018 | 10693   | INSPECTION DATA SHEET MIXED WASTE MANAGEMENT FACILITY POST CLOSURE INSPECTION, BUILDING 643-28G AND LOW-LEVEL RADIOACTIVE WASTE DISPOSAL FACILITY | SRNS   |           |
| ✚020591     | 11/17/20 | ER-IDS-019-018 | 10693   | INSPECTION DATA SHEET MIXED WASTE MANAGEMENT FACILITY POST CLOSURE INSPECTION, BUILDING 643-28G AND LOW-LEVEL RADIOACTIVE WASTE DISPOSAL FACILITY | SRNS   |           |
| ✚020592     | 01/13/20 | ER-IDS-019-019 | 10693   | INSPECTION DATA SHEET F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-41G, 904-42G AND 904-43G                                                     | SRNS   |           |
| ✚020593     | 02/04/20 | ER-IDS-019-019 | 10693   | INSPECTION DATA SHEET F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-41G, 904-42G AND 904-43G                                                     | SRNS   |           |
| ✚020594     | 03/11/20 | ER-IDS-019-019 | 10693   | INSPECTION DATA SHEET F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-41G, 904-42G AND 904-43G                                                     | SRNS   |           |
| ✚020595     | 04/24/20 | ER-IDS-019-019 | 10693   | INSPECTION DATA SHEET F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-41G, 904-42G AND 904-43G                                                     | SRNS   |           |
| ✚020598     | 07/07/20 | ER-IDS-019-019 | 10693   | INSPECTION DATA SHEET F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-41G, 904-42G AND 904-43G                                                     | SRNS   |           |
| ✚020599     | 08/17/20 | ER-IDS-019-019 | 10693   | INSPECTION DATA SHEET F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-41G, 904-42G AND 904-43G                                                     | SRNS   |           |
| ✚020600     | 09/21/20 | ER-IDS-019-019 | 10693   | INSPECTION DATA SHEET F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-41G, 904-42G AND 904-43G                                                     | SRNS   |           |



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| ✚020601     | 11/05/20 | ER-IDS-019-019 | 10693   | INSPECTION DATA SHEET F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-41G, 904-42G AND 904-43G               | SRNS   |           |
| ✚020602     | 10/14/20 | ER-IDS-019-019 | 10693   | INSPECTION DATA SHEET F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-41G, 904-42G AND 904-43G               | SRNS   |           |
| ✚020603     | 12/03/20 | ER-IDS-019-019 | 10693   | INSPECTION DATA SHEET F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-42G AND 904-43G                        | SRNS   |           |
| ✚020604     | 02/10/20 | ER-IDS-019-020 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST METALLURIGICAL LABORATORY HWMF POST CLOSURE INSPECTION (U) | SRNS   |           |
| ✚020605     | 05/05/20 | ER-IDS-019-020 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST METALLURICAL LABORATORY HWMF POST CLOSURE INSPECTION (U)   | SRNS   |           |
| ✚020606     | 08/25/20 | ER-IDS-019-020 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST METALLURGICAL LABORATORY HWMF POST CLOSURE INSPECTION (U)  | SRNS   |           |
| ✚020607     | 11/03/20 | ER-IDS-019-020 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST METALLURGICAL LABORATORY HWMF POST CLOSURE INSPECTION (U)  | SRNS   |           |
| ✚020608     | 01/07/20 | ER-IDS-019-021 | 10693   | INSPECTION DATA SHEET H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-44G, 904-45G, 904-46G AND 904-56G      | SRNS   |           |
| ✚020609     | 02/03/20 | ER-IDS-019-021 | 10693   | INSPECTION DATA SHEET H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-44G, 904-45G, 904-46G AND 904-56G      | SRNS   |           |
| ✚020610     | 03/04/20 | ER-IDS-019-021 | 10693   | INSPECTION DATA SHEET H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-44G, 904-45G, 904-46G AND 904-56G      | SRNS   |           |
| ✚020611     | 04/01/20 | ER-IDS-019-021 | 10693   | INSPECTION DATA SHEET H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-44G, 904-45G, 904-46G AND 904-56G      | SRNS   |           |
| ✚020612     | 05/15/20 | ER-IDS-019-021 | 10693   | INSPECTION DATA SHEET H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-44G, 904-45G, 904-46G AND 904-56G      | SRNS   |           |
| ✚020613     | 06/04/20 | ER-IDS-019-021 | 10693   | INSPECTION DATA SHEET H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-44G, 904-45G, 904-46G AND 904-56G      | SRNS   |           |
| ✚020614     | 07/06/20 | ER-IDS-019-021 | 10693   | INSPECTION DATA SHEET H-AREA HAZARDUS WASTE MANAGEMENT FACILITY 904-44G, SRNS 904-45G, 904-46G AND 904-56G  | SRNS   |           |
| ✚020615     | 08/03/20 | ER-IDS-019-021 | 10693   | INSPECTION DATA SHEET H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-44G, 904-45G, 904-46G AND 904-56G      | SRNS   |           |

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| ✚020616     | 09/22/20 | ER-IDS-019-021 | 10693   | INSPECTION DATA SHEET H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-44G, 904-45G, 904-46G AND 904-56G      | SRNS   |           |
| ✚020617     | 11/02/20 | ER-IDS-019-021 | 10693   | INSPECTION DATA SHEET H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-44G, 904-45G, 904-46G AND 904-56G      | SRNS   |           |
| ✚020618     | 10/01/20 | ER-IDS-019-021 | 10693   | INSPECTION DATA SHEET H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-44G, 904-45G, 904-46G AND 904-56G      | SRNS   |           |
| ✚020620     | 02/09/20 | ER-IDS-019-022 | 10693   | INSPECTION DATA SHEET M-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-51C                                    | SRNS   |           |
| ✚020621     | 05/07/20 | ER-IDS-019-022 | 10693   | INSPECTION DATA SHEET M-AREA HAZARDOUS WASTE MANAAGEMENT FACILITY 904-51G                                   | SRNS   |           |
| ✚020622     | 08/24/20 | ER-IDS-019-022 | 10693   | INSPECTION DATA SHEET M-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-51G                                    | SRNS   |           |
| ✚020623     | 11/04/20 | ER-IDS-019-022 | 10693   | INSPECTION DATA SHEET M-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-51G                                    | SRNS   |           |
| ✚020624     | 02/19/20 | ER-IDS-019-023 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR THE INTERIM SANITARY LANDFILL BUILDING 740-10G (U)    | SRNS   |           |
| ✚020625     | 05/20/20 | ER-IDS-019-023 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR THE INTERIM SANITARY LANDFILL BUILDING 740-10G (U)    | SRNS   |           |
| ✚020626     | 08/12/20 | ER-IDS-019-023 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR THE INTERIM SANITARY LANDFILL BUILDING 740-10G (U)    | SRNS   |           |
| ✚020629     | 06/11/20 | ER-IDS-019-025 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST FOR L-REACTOR SEEPAGE BASIN BUILDING 904-64G (U)           | SRNS   |           |
| ✚020631     | 11/12/20 | ER-IDS-019-027 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST FOR OLD RADIOACTIVE WASTE BURIAL GROUND BUILDING 643-E (U) | SRNS   |           |
| ✚020632     | 02/12/20 | ER-IDS-019-028 | 10693   | INSPECTION DATA SHEET SANITARY LANDFILL BUILDING 740-G                                                      | SRNS   |           |
| ✚020633     | 05/22/20 | ER-IDS-019-028 | 10693   | INSPECTION DATA SHEET SANITARY LANDFILL BUILDING 740-G                                                      | SRNS   |           |
| ✚020635     | 11/10/20 | ER-IDS-019-028 | 10693   | INSPECTION DATA SHEET SANITARY LANDFILL BUILDING 740-G                                                      | SRNS   |           |

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| ✚020636     | 01/14/20 | ER-IDS-019-029 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST A-AREA MISCELLANEOUS RUBBLE PILE OPERABLE UNIT 731-6A (U)                     | SRNS   |           |
| ✚020637     | 06/05/20 | ER-IDS-019-030 | 10693   | FIELD INSPECTION CHECKLIST, P-AREA BURNING RUBBLE PIT, BUILDING 131-P (U)                                                      | SRNS   |           |
| ✚020638     | 10/14/20 | ER-IDS-019-031 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST, CENTRAL SHOPS BURNING RUBBLE PITS OPERABLE UNITS 631-1G AND 631-3G (U)      | SRNS   |           |
| ✚020639     | 09/29/20 | ER-IDS-019-032 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST FOR T-AREA OPERABLE UNIT TAOU (U)                                             | SRNS   |           |
| ✚020640     | 10/12/20 | ER-IDS-019-034 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST FOR THE HEAVY WATER EQUIPMENT WASH BASIN (U)                                  | SRNS   |           |
| ✚020641     | 12/10/20 | ER-IDS-019-035 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST P REACTOR SEEPAGE BASIN OPERABLE UNIT BUILDINGS 904-61G, 904-62G, 904-63G (U) | SRNS   |           |
| ✚020643     | 01/05/20 | ER-IDS-019-037 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST H AREA INACTIVE PROCESS SEWER (U)                                             | SRNS   |           |
| ✚020645     | 03/02/20 | ER-IDS-019-037 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST H AREA INACTIVE PROCESS SEWER (U)                                             | SRNS   |           |
| ✚020646     | 04/01/20 | ER-IDS-019-037 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST H AREA INACTIVE PROCESS SEWER (U)                                             | SRNS   |           |
| ✚020647     | 05/14/20 | ER-IDS-019-037 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST H AREA INACTIVE PROCESS SEWER                                                 | SRNS   |           |
| ✚020648     | 06/01/20 | ER-IDS-019-037 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST H AREA INACTIVE PROCESS SEWER (U)                                             | SRNS   |           |
| ✚020649     | 07/06/20 | ER-IDS-019-037 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST H AREA INACTIVE PROCESS SEWER                                                 | SRNS   |           |
| ✚020651     | 09/09/20 | ER-IDS-019-037 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST H AREA INACTIVE PROCESS SEWER (U)                                             | SRNS   |           |
| ✚020654     | 12/01/20 | ER-IDS-019-037 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST H AREA INACTIVE PROCESS SEWER (U)                                             | SRNS   |           |
| ✚020655     | 12/14/20 | ER-IDS-019-038 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST FOR D-AREA RUBBLE PIT DRP (U)                                                 | SRNS   |           |

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| ✚020656     | 07/07/20 | ER-IDS-019-040 | 10693   | FIELD INSPECTION CHECKLIST AT LTR IOU FOR FOUR PUBLIC ROAD CROSSING, BETWEEN PATTERSON MILL ROAD AND SAVANNAH RIVER (U)                        | SRNS   |           |
| ✚020659     | 03/09/20 | ER-IDS-019-043 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR WARNERS PONG (U)                                                                         | SRNS   |           |
| ✚020660     | 01/15/20 | ER-IDS-019-044 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST HP-52 (U)                                                                                     | SRNS   |           |
| ✚020661     | 04/29/20 | ER-IDS-019-046 | 10693   | INSPECTION DATA SHEETS FIELD MAINTENANCE CHECKLIST HIGHWAY 125 BRIDGE CROSSING                                                                 | SRNS   |           |
| ✚020662     | 09/24/20 | ER-IDS-019-048 | 10693   | INSPECTION DATA SHEETS FIELD MAINTENANCE CHECKLIST FOR R-REACTOR SEEPAGE BASINS 904-57G, 58G, 59G, 60G, 103G, 104G (U)                         | SRNS   |           |
| ✚020663     | 03/23/20 | ER-IDS-019-049 | 10693   | INSPECTION DATA SHEETS FIELD MAINTENANCE CHECKLIST, SAVANNAH RIVER AT THE MOUTH OF EACH CREEK (U)                                              | SRNS   |           |
| ✚020665     | 12/11/20 | ER-IDS-019-051 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR R-AREA OPERABLE UNIT ASH BASIN 188-R (U)                                                 | SRNS   |           |
| ✚020666     | 03/24/20 | ER-IDS-019-052 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR R-AREA ECODS 1A, 1B, 1C OPERABLE UNIT (U)                                                | SRNS   |           |
| ✚020667     | 10/07/20 | ER-IDS-019-053 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR L-AREA ECODS L-1 OPERABLE UNIT (U)                                                       | SRNS   |           |
| ✚020669     | 07/15/20 | ER-IDS-019-055 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR P-AREA ECODS P-2 OPERABLE UNIT (U)                                                       | SRNS   |           |
| ✚020671     | 04/24/20 | ER-IDS-019-057 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR M-AREA OPERABLE UNIT MAOU (U)                                                            | SRNS   |           |
| ✚020672     | 09/08/20 | ER-IDS-019-058 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR EARLY ACTION LAND USE CONTROL IMPLEMENTATION PLAN AT K-AREA REACTOR BUILDING COMPLEX (U) | SRNS   |           |
| ✚020673     | 09/08/20 | ER-IDS-019-059 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR EARLY ACTION LAND USE CONTROL IMPLEMENTATION PLAN AT L-AREA REACTOR BUILDING COMPLEX (U) | SRNS   |           |
| ✚020674     | 09/08/20 | ER-IDS-019-060 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR EARLY ACTION LAND USE CONTROL IMPLEMENTATION PLAN AT C-AREA REACTOR BUILDING COMPLEX (U) | SRNS   |           |
| ✚020675     | 03/16/20 | ER-IDS-019-061 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR P-AREA ASH BASIN AND P-007 OUT FALL (U)                                                  | SRNS   |           |

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| ✚020676     | 07/08/20 | ER-IDS-019-062  | 10693   | INSPECTIN DATA SHEETS FIELD INSPECTION CHECKLIST FOR CHEMICAL, METAL AND PESTICIDES PITS (U)                                                                                                                     | SRNS               |                                 |
| ✚020677     | 10/20/20 | ER-IDS-019-063  | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR R-AREA OPERABLE UNIT, REACTOR BUILDING AND DISASSEMBLY BASIN (U)                                                                                           | SRNS               |                                 |
| ✚020679     | 10/20/20 | ER-IDS-019-065  | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR P-AREA OPERABLE UNIT, REACTOR BUILDING AND DISASSEMBLY BASIN (U)                                                                                           | SRNS               |                                 |
| ✚020680     | 07/27/20 | ER-IDS-019-066  | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR P-AREA OPERABLE UNIT PAOU (U)                                                                                                                              | SRNS               |                                 |
| ✚020681     | 09/28/20 | ER-IDS-019-067  | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR D-AREA COAL PILE RUNOFF BASIN 489-D NORTH (U)                                                                                                              | SRNS               |                                 |
| ✚020682     | 09/23/20 | ER-IDS-019-069  | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR D-AREA ASBESTOS PIT 80-20G                                                                                                                                 | SRNS               |                                 |
| ✚020683     | 05/28/20 | ER-IDS-019-070  | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR GUNSITE 012 OPERABLE UNIT (U)                                                                                                                              | SRNS               |                                 |
| ✚020684     | 06/22/20 | ER-IDS-019-071  | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR D-AREA BUBBLE TOWER COVER (U)                                                                                                                              | SRNS               |                                 |
| ✚020685     | 06/23/20 | ER-IDS-019-072  | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR EARLY ACTION D-AREA OPERABLE UNIT (EADAOU) (U)                                                                                                             | SRNS               |                                 |
| ✚020727     | 06/03/20 | 020727          | 10693   | SCDHEC APPROVAL OF THE FISCAL YEAR 2016 BUDGET ADVICE OF ALLOTMENT FOR ENVIRONMENTAL COMPLIANCE & AREA COMPLETION PROJECTS AND FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX D FOR FISCAL YEAR 2016 PRINT DATE  | SUSAN. B. FULMER   | BRIAN T. HENNESSEY              |
| ✚020754     | 07/07/20 | SRNS-J2000-2016 | 10693   | READING ROOM FOR THE SRS ADMINISTRATIVE RECORD FILE (ARF) COMPACT DISK (CD) #250 AND ARF INDEX DATED APRIL - JUNE 2016.                                                                                          | SRNS               | SUSAN FULMER,ROBEI POPE         |
| ✚020764     | 07/14/20 | IACD-16-151     | 10693   | DOE SUBMITTAL OF THE FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GROUNDWATER REMEDIES U AIKEN, SOTH CAROLINA SRNS-RP-2015-00419 REVISION 1 JULY 2016 REDLINE PAGES SAVANNAH | BRIAN T. HENNESSEY | ROBERT. H. POPE SUSAN B. FULMER |
| ✚020765     | 07/30/20 | ERD-EN-2015-004 | 10693   | REDLINE PAGES SAVANNAH RIVER SITE FACT SHEET FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SRS OPERABLE UNITS WITH GROUDWATER REMEDIES ERD-EN-2015-0048 JULY 2016 REDLINE PAGES                                       | SRS                |                                 |
| ✚020766     | 07/30/20 | SRNS-RP-2015-00 | 10693   | REDLINE REV 1 FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GROUNDWATER REMEDIES U AIKEN SOUTH CAROLINA SRNS-RP-2015-00419 REDLINE REVISION 1 JULY 2016 REDLINE PAGES         | SRNS               |                                 |
| ✚020781     | 08/03/20 | IACD-16-159     | 10693   | DOE SUBMITTAL OF THE SAVANNAH RIVER SITE'S RESPONSE TO THE SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL'S CONDITIONAL APPROVAL COMMENT ON THE FEDERAL FACILITY AGREEMENT REVISION 1 APPENDIX    | BRIAN T HENNESSEY  | ROBERT H POPE SUSAN B FULMER    |

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| ✚020796     | 08/09/20 | WSRC-OS-94-42         | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT CHANGES DATED 8/9/16 REVISION 0 APPENDIX D FOR FISCAL YEAR 2016 PRINT DATE 4/18/16 AND RECORD OF MODIFICATIONS TO THE FEDERAL FACILITY AGREEMENT FOR THE SAVANNAH RIVER  | WSRC               |                                |
| ✚020805     | 08/29/20 | SRNS-J2000-2016       | 10693   | READING ROOM FOR THE ACTION MEMORANDUM AND RESPONSIVENESS SUMMARY FOR THE NON TIME CRITICAL REMOVAL ACTION FOR THE D AREA ASH BASIN 488-1D CERCLIS NUMBER 63                                                            | SRNS               | CARMICHAEL,Y                   |
| ✚020812     | 08/29/20 | IACD-16-163           | 10693   | DOE SUBMITTAL OF THE SAVANNAH RIVER SITE'S RESPONSE TO U.S. ENVIRONMENTAL PROTECTION AGENCY'S CONDITIONAL APPROVAL COMMENT ON THE FEDERAL FACILITY AGREEMENT REVISION 1 APPENDIX E, LONG-TERM                           | BRIAN T HENNESSEY  | ROBERT H POPE SUSAN B FULMER   |
| ✚020813     | 08/25/20 | 020813                | 10693   | SCDHEC APPROVAL OF THE FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GROUNDWATER REMEDIES U - AIKEN, SOUTH CAROLINA SRNS-RP-2015-00419, REDLINE REVISION 1, JULY 2015 RECEIVED       | SUSAN B FULMER     | BRIAN T HENNESSEY              |
| ✚020829     | 08/05/20 | 020829                | 10693   | EPA APPROVAL OF THE FISCAL YEAR 2016 BUDGET ADVICE OF ALLOTMENT FOR ENVIRONMENTAL COMPLIANCE & AREA COMPLETION PROJECTS AND FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX D FOR FISCAL YEAR 2016 PRINT DATE            | ROBERT H POPE      | BRIAN T HENNESSEY              |
| ✚020842     | 09/22/20 | 020842                | 10693   | THE SAVANNAH RIVER SITE ENVIRONMENTAL BULLETIN FOR THE U.S. DEPARTMENT OF ENERGY CONDUCTS PHASED SUBMITTALS OF THE FIFTH FIVE YEAR REMEDY REVIEW AT SAVANNAH RIVER SITE THIRD PHASE: SAVANNAH RIVER SITE OPERABLE       | SRS                |                                |
| ✚020847     | 09/29/20 | IACD-16-171           | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX H SOLID WASTE MANAGEMENT UNITS FOR FISCAL YEAR 2017 PRINT DATE 9/22/16                                                                              | BRIAN T.HENNESSEY  | ROBERT H. POPE SUSAN B. FULMER |
| ✚020849     | 09/29/20 | IACD-16-172           | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX C RCRA/CERCLA UNITS, REVISION 0 APPENDIX G SITE EVALUATION AREAS AND REVISION 0 APPENDIX K D&D FACILITIES FOR FISCAL YEAR 2017 PRINT DATE 9/22/2016 | BRIAN T. HENNESSEY | ROBERT H. POPE SUSAN B. FULMER |
| ✚020850     | 09/28/20 | 020850                | 10693   | EPA APPROVAL OF THE FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GROUNDWATER REMEDIES U - AIKEN, SOUTH CAROLINA SRNS-RP-2015-00419, REDLINE REVISION 1, JULY 2016                   | ROBERT POPE        | BRIAN T HENNESSEY              |
| ✚020853     | 10/18/20 | SRNS-J2000-2016       | 10693   | READING ROOM FOR THE SRS ADMINISTRATIVE RECORD FILE (ARF) COMPACT DISKS (CD) 251 AND ARF INDEX DATED OCTOBER 19, 2016.                                                                                                  | SRNS               | SUSAN FULMER,ROBEI POPE,KATHY  |
| ✚020854     | 10/17/20 | IACD-16-103           | 10693   | DOE SUBMITTAL OF THE SAVANNAH RIVER SITE'S RESPONSE TO THE U.S. ENVIRONMENTAL PROTECTION AGENCY'S CONDITIONAL APPROVAL COMMENT ON THE FEDERAL FACILITY AGREEMENT REVISION 1 APPENDIX E LONG-TERM                        | SRS                |                                |
| ✚020873     | 11/01/20 | IACD-17-104           | 10693   | DOE SUBMITTAL OF THE U.S. DEPARTMENT OF ENERGY SIGNED FIFTH FIVE YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GROUNDWATER REMEDIES U AIKEN, SOUTH CAROLINA SRNS-RP-2015-00419 REVISION         | BRIAN T. HENNESSEY | ROBERT H. POPE SUSAN B. FULMER |
| ✚020874     | 07/30/20 | ERD-EN-2015-004       | 10693   | SAVANNAH RIVER SITE FACT SHEET FIFTH FIVE YEAR REMEDY REVIEW REPORT FOR SRS OPERABLE UNITS WITH GROUNDWATER REMEDIES ERD-EN-2015-0048 SAVANNAH RIVER SITE AIKEN SC JULY 2016                                            | SRNS               |                                |
| ✚020876     | 07/30/20 | SRNS-RP-2015-00 REV 1 | 10693   | FIFTH FIVE YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GROUNDWATER REMEDIES U AIKEN SOUTH CAROLINA SRNS-RP-2015-00419 REVISION 1 JULY 2016                                                    | SRNS               |                                |
| ✚020892     | 11/10/20 | 020892                | 10693   | SCDHEC SUBMITTAL REGARDING THE FOR SIGNATURE FIFTH FIVE YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GROUNDWATER REMEDIES U AIKEN, SOUTH CAROLINA SRNS-RP-2015-00419 REVISION 1 JULY 2016      | SUSAN B. FULMER    | ROBERT H. POPE                 |

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| ✚020893     | 11/15/20 | IACD-17-109              | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2017 PRINT DATE 11/3/16                                                                                                                     | BRIAN T. HENNESSEY                    | ROBERT H. POPE SUSAN B. FULMER  |
| ✚020906     | 12/01/20 | IACD-17-112              | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 2016 SRNS-RP-2016-00745 NOVEMBER 2016                                                                                                                             | BRIAN T. HENNESSEY                    | ROBERT H. POPE SUSAN B. FULMER  |
| ✚020907     | 11/30/20 | SRNS-RP-2016-00          | 10693   | FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 2016 SRNS-RP-2016-00745 NOVEMBER 2016                                                                                                                                                  | SRNS                                  |                                 |
| ✚020911     | 12/07/20 | IACD-17-114              | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT ANNUAL REMOVAL ACTION REPORT FOR FISCAL YEAR 2016                                                                                                                                                        | BRIAN T. HENNESSEY                    | ROBERT H. POPE, SUSAN B. FULMER |
| ✚020921     | 12/31/20 | ERD-EN-2016-004          | 10693   | SAVANNAH RIVER SITE FACT SHEET FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SRS OPERABLE UNITS WITH ENGINEERED COVER SYSTEMS ERD-EN-2016-0049                                                                                                                | SRS                                   |                                 |
| ✚020930     | 12/22/20 | 020930                   | 10693   | SAVANNAH RIVER SITE AIKEN SOUTH CAROLINA DECEMBER 2016 SCDHEC COMMENTS ON THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2017 PRINT DATE: 11/03/2016 DATED NOVEMBER 15, 2016 AND RECEIVED NOVEMBER 16, 2016 | SUSAN B. FULMER                       | BRIAN T. HENNESSEY              |
| ✚020934     | 12/27/20 | 020934                   | 10693   | EPA THIRTY 30 DAY EXTENSION REQUEST FOR THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX E LONG TERM PROJECTIONS FOR FISCAL YEAR 2017 PRINT DATE: 11/3/16 DATED NOVEMBER 15 2016                                                                       | ROBERT H. POPE                        | BRIAN T. HENNESSEY              |
| ✚020947     | 01/12/20 | 020947                   | 10693   | EPA SUBMITTAL OF THE THREE PARTY SIGNED FIFTH FIVE YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GROUNDWATER REMEDIES SRNS-RP-2015-00419 REVISION 1 JULY 2016                                                                    | ROBERT H. POPE                        | BRIAN T. HENNESSEY              |
| ✚020948     | 07/01/20 | SRNS-RP-2015-00<br>REV 1 | 10693   | THREE PARTY SIGNED FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GROUNDWATER REMEDIES SRNS-RP-2015-00419 REVISION 1 JULY 2016                                                                                         | SRNS                                  |                                 |
| ✚020956     | 01/26/20 | SRNS-J2000-2017          | 10693   | READING ROOM FOR THE FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GROUNDWATER REMEDIES (U) SRNS-RP-2015-00419 REVISION 1, JULY 2016. SAVANNAH RIVER SITE FACT SHEET -                                                | KATHY K. CARMICHAEL,DEBBIE YERKES,FAY | SRNS                            |
| ✚020961     | 01/25/20 | 020961                   | 10693   | SCDHEC APPROVAL OF THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX H SOLID WASTE MANAGEMENT UNITS FOR FISCAL YEAR 2017 PRINT DATE: 09/22/16 RECEIVED SEPTEMBER 30 2016                                                                                | SUSAN B. FULMER                       | BRIAN T. HENNESSEY              |
| ✚020962     | 01/25/20 | 020962                   | 10693   | SCDHEC APPROVAL OF THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX C RCRA/CERCLA UNITS REVISION 0 APPENDIX G SITE EVALUATION AREAS AND REVISION 0 APPENDIX K D&D FACILITIES FOR FISCAL YEAR 2017 PRINT DATE 9/22/16 RECEIVED                          | SUSAN B. FULMER                       | BRIAN T. HENNESSEY              |
| ✚020963     | 01/30/20 | 020963                   | 10693   | SCDHEC APPROVAL OF THE ADMINISTRATIVE RECORD FILE / INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE SRNS-RP-2016-00721, NOVEMBER 2016 RECEIVED DECEMBER 2, 2016                                                                                        | SUSAN B. FULMER                       | BRIAN T. HENNESSEY              |
| ✚020968     | 02/07/20 | WSRC-OS-94-42            | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT CHANGES DATED 02/07/2017 REVISION 0 APPENDIX C FOR FISCAL YEAR 2017 PRINT DATE: 9/22/16 REVISION 0 APPENDIX G FOR FISCAL YEAR 2017 PRINT DATE 9/22/16 UPDATED 02/07/2017                                  | WSRC                                  |                                 |
| ✚020971     | 02/06/20 | 020971                   | 10693   | EPA APPROVAL OF THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX C RCRA/CERCLA UNITS LIST REVISION 0 APPENDIX G SITE EVALUATION AREAS AND REVISION 0 APPENDIX K D&D FACILITIES FOR FISCAL YEAR 2017 PRINT DATE 9/22/16                                 | ROBERT H. POPE                        | BRIAN T. HENNESSEY              |

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| ✚020983     | 02/21/20 | WSRC-OS-94-42   | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEEMENT CHANGES DATED 2/21/17 APPENDIX B HIGH LEVEL WASTE RADIOACTIVE WASTE TANK SYSTEMS DATED JANUARY 10 2017 REVISION 0 APPENDIX D FOR FISCAL YEAR 2016 PRINT DATE 4/18/16  | WSRC               |                                |
| ✚020988     | 02/27/20 | IACD-17-125     | 10693   | DOE SUBMITTAL OF THE EXTENSION REQUEST FOR THE FEDERAL FACILITY AGREEMENT FFA REVISION 1 APPENDIX E LONG-TERM PROJECTIONS FOR FISCAL YEAR 2017                                                                        | BRIAN T. HENNESSEY | ROBERT H. POPE SUSAN B. FULMER |
| ✚020991     | 02/27/20 | 020991          | 10693   | EPA EMAIL APPROVAL OF THE EXTENSION REQUEST FOR THE FEDERAL FACILITY AGREEMENT FFA REVISION 1 APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2017                                                                  | ROBERT POPE        | SHEILA MCFALLS                 |
| ✚020994     | 03/07/20 | 020994          | 10693   | EPA APPROVAL OF THE EXTENSION REQUEST FOR THE FEDERAL FACILITY AGREEMENT FFA REVISION 1 APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2017                                                                        | ROBERT H. POPE     | BRIAN T. HENNESSEY             |
| ✚020995     | 03/13/20 | 020995          | 10693   | EPA APPROVAL OF THE ADMINISTRATIVE RECORD FILE INDICES ANNUAL UPDATE FOR FISCAL YEAR 2016 SRNS-RP-2016-00721 NOVEMBER 2016                                                                                            | ROBERT H. POPE     | BRIAN HENNESSEY                |
| ✚021003     | 03/20/20 | 021003          | 10693   | SCDHEC COMMENTS ON THE FIFTH FIVE YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH ENGINEERED COVER SYSTEMS U AIKEN, SOUTH CAROLINA SRNS-RP-2016-00609 REVISION 0 DECEMBER 2016 RECEIVED         | SUSAN B. FULMER    | BRIAN T. HENNESSEY             |
| ✚021004     | 03/20/20 | 021004          | 10693   | SCDHEC COMMENTS ON THE FIFTH FIVE YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GEOSYNTHETIC OR STABILIZATION/SOLIDIFICATION COVER SYSTEMS U AIKEN SOUTH CAROLINA                             | SUSAN B. FULMER    | BRIAN T. HENNESSEY             |
| ✚021006     | 04/06/20 | SRNS-J2000-2017 | 10693   | READING ROOM FOR THE SRS ADMINISTRATIVE RECORD FILE (ARF) COMPACT DISKS (CD) 253 AND ARF INDEX DATED APRIL 10, 2017.                                                                                                  | SRNS               | SUSAN FULMER,ROBE POPE,KATHY   |
| ✚021009     | 04/11/20 | SRNS-J2000-2017 | 10693   | SAVANNAH RIVER SITES RESPONSES TO THE U.S. ENVIRONMENTAL PROTECTION AGENCYS COMMENTS DURING THE FIVE YEAR REMEDY REVIEW REPORTS SRNS-RP-2016-00609 AND SRNS-RP-2016-00610 REGULATORY SITE INSPECTIONS                 | SHELIA MCFALLS     | ROBERT POPE SUSAN B. FULMER    |
| ✚021010     | 04/19/20 | SRNS-J2000-2017 | 10693   | THREE PARTY SIGNED EXPLANATION OF SIGNIFICANT DIFFERENCE (ESD) FOR INCORPORATING TANK 12 INTO THE REVISION 1 INTERIM RECORD OF DECISION REMEDIAL ALTERNATIVE SELECTION FOR THE H AREA TANK FARM, WASTE TANK 16        | SRNS               |                                |
| ✚021017     | 04/24/20 | IACD-17-134     | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT FFA REVISION 1 APPENDIX E LONG TERM PROJECTIONS FOR FISCAL YEAR FY 2017 PRINT DATE 4/17/2017 AND SAVANNAH RIVER SITES RESPONSES TO THE REGULATORY COMMENTS ON THE FFA | BRIAN T. HENNESSEY | ROBERT H. POPE SUSAN B. FULMER |
| ✚021018     | 03/17/20 | ARF-021018      | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL - PERMIT 025500-1602 FIRST QUARTER 2016                                                                                                            | SRNS               |                                |
| ✚021019     | 06/23/20 | ARF-021019      | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F-AREA INDUSTRIAL LANDFILL PERMIT 025500-1602 SECOND QUARTER 2016                                                                                                             | SRNS               |                                |
| ✚021020     | 09/14/20 | ARF-021020      | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F-AREA INDUSTRIAL LANDFILL PERMIT 025500-1602 THIRD QUARTER 2016                                                                                                              | SRNS               |                                |
| ✚021021     | 12/13/20 | ARF-021021      | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT 025500-1602 FOURTH QUARTER 2016                                                                                                             | SRNS               |                                |



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| ✚021022     | 02/22/20 | ER-IDS-019-018 | 10693   | INSPECTION DATA SHEET MIXED WASTE MANAGEMENT FACILITY POST CLOSURE INSPECTION, BLDG 643-28G AND LOW-LEVEL RADIOACTIVE WASTE DISPOSAL FACILITY       | SRNS   |           |
| ✚021023     | 05/26/20 | ER-IDS-019-018 | 10693   | INSPECTION DATA SHEET MIXED WASTE MANAGEMENT FACILITY POST CLOSURE INSPECTION, BLDG 643-28G AND LOW-LEVEL RADIOACTIVE WASTE DISPOSAL FACILITY       | SRNS   |           |
| ✚021024     | 08/01/20 | ER-IDS-019-018 | 10693   | MIXED WASTE MANAGEMENT FACILITY POST CLOSURE INSPECTION, BLDG, 643-28G AND LOW-LEVEL RADIOACTIVE WASTE DISPOSAL FACILITY FIELD INSPECTION CHECKLIST | SRNS   |           |
| ✚021025     | 11/10/20 | ER-IDS-019-018 | 10693   | MIXED MANAGEMENT FACILITY POST CLOSURE INSPECTION, BLDG, 643-28G AND LOW-LEVEL RADIOACTIVE WASTE DISPOSAL FACILITY FIELD INSPECTION CHECKLIST       | SRNS   |           |
| ✚021026     | 02/08/20 | ER-IDS-019-020 | 10693   | INSPECTION DATA SHEET FIELD - FIELD INSPECTION CHECKLIST METALLURGICAL LABORATORY HWMF POST CLOSURE INSPECTION                                      | SRNS   |           |
| ✚021028     | 05/20/20 | ER-IDS-019-020 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST METALLURGICAL LABORATORY HWMF POST CLOSURE INSPECTION                                              | SRNS   |           |
| ✚021029     | 08/18/20 | ER-IDS-019-020 | 10693   | METALLURGICAL LABORATORY HAZARDOUS WASTE MANAGEMENT FACILITY (HWMF) POST CLOSURE FIELD INSPECTION CHECKLIST                                         | SRNS   |           |
| ✚021030     | 11/07/20 | ER-IDS-019-020 | 10693   | METALLURGICAL LABORATORY HAZARDOUS WASTE MANAGEMENT FACILITY (HWMF) POST CLOSURE FIELD INSPECTION CHECKLIST                                         | SRNS   |           |
| ✚021031     | 02/09/20 | ER-IDS-019-022 | 10693   | INSPECTION DATA SHEET M-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-51G                                                                            | SRNS   |           |
| ✚021032     | 05/02/20 | ER-IDS-019-022 | 10693   | INSPECTION DATA SHEET M-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-51G                                                                            | SRNS   |           |
| ✚021033     | 08/29/20 | ER-IDS-019-022 | 10693   | M-AREA HAZARDOUS WASTE MANAGEMENT FACILITY BLDG. 904-51G FIELD INSPECTION CHECKLIST                                                                 | SRNS   |           |
| ✚021034     | 11/17/20 | ER-IDS-019-022 | 10693   | M-AREA HAZARDOUS WASTE MANAGEMENT FACILITY BLDG 904-51G FIELD INSPECTION CHECKLIST                                                                  | SRNS   |           |
| ✚021035     | 02/11/20 | ER-IDS-019-023 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR THE INTERIM SANITARY LANDFILL BLDG 740.10G                                                    | SRNS   |           |
| ✚021036     | 05/12/20 | ER-IDS-019-023 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR THE INTERIM SANITARY LANDFILL BLDG 740.10G                                                    | SRNS   |           |
| ✚021037     | 08/15/20 | ER-IDS-019-023 | 10693   | INTERIM SANITARY LANDFILL BLDG. 740.10G FIELD INSPECTION CHECKLIST                                                                                  | SRNS   |           |

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| ✚021038     | 11/19/20 | ER-IDS-019-023 | 10693   | INTERIM SANITARY LANDFILL BLDG. 740.10G FIELD INSPECTION CHECKLIST                                                       | SRNS   |           |
| ✚021039     | 02/12/20 | ER-IDS-019-028 | 10693   | INSPECTION DATA SHEET SANITARY LANDFILL BLDG. 740-G                                                                      | SRNS   |           |
| ✚021040     | 05/24/20 | ER-IDS-019-028 | 10693   | INSPECTION DATA SHEET SANITARY LANDFILL BLDG. 740-G                                                                      | SRNS   |           |
| ✚021041     | 08/19/20 | ER-IDS-019-028 | 10693   | INSPECTION DATA SHEET SANITARY LANDFILL BLDG. 740-G FIELD INSPECTION CHECKLIST                                           | SRNS   |           |
| ✚021042     | 11/03/20 | ER-IDS-019-028 | 10693   | SANITARY LANDFILL BLDG. 740-G FIELD INSPECTION CHECKLIST                                                                 | SRNS   |           |
| ✚021043     | 01/21/20 | ER-IDS-019-019 | 10693   | INSPECTION DATA SHEET F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-41G, 904-42G AND 904-43G                            | SRNS   |           |
| ✚021044     | 02/01/20 | ER-IDS-019-019 | 10693   | INSPECTION DATA SHEET F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-41G, 904-42G AND 904-43G                            | SRNS   |           |
| ✚021045     | 03/07/20 | ER-IDS-019-019 | 10693   | INSPECTION DATA SHEET F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-41G, 904-42G AND 904-43G                            | SRNS   |           |
| ✚021046     | 04/26/20 | ER-IDS-019-019 | 10693   | INSPECTION DATA SHEET F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-41G, 904-42G AND 904-43G                            | SRNS   |           |
| ✚021047     | 05/04/20 | ER-IDS-019-019 | 10693   | INSPECTION DATA SHEET F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-41G, 904-42G AND 904-43G                            | SRNS   |           |
| ✚021048     | 06/01/20 | ER-IDS-019-019 | 10693   | INSPECTION DATA SHEET F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-41G, 904-42G AND 904-43G                            | SRNS   |           |
| ✚021049     | 07/14/20 | ER-IDS-019-019 | 10693   | INSPECTION DATA SHEET F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-41G, 904-42G AND 904-43G FIELD INSPECTION CHECKLIST | SRNS   |           |
| ✚021050     | 08/05/20 | ER-IDS-019-019 | 10693   | INSPECTION DATA SHEET F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-41G, 904-42G AND 904-43G FIELD INSPECTION CHECKLIST | SRNS   |           |
| ✚021051     | 09/01/20 | ER-IDS-019-019 | 10693   | F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY BLDGS. 904-41G, 904-42G AND 904-43G FIELD INSPECTION CHECKLIST                | SRNS   |           |
| ✚021052     | 10/03/20 | ER-IDS-019-019 | 10693   | F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY BLDGS. 904-41G, 904-42G AND 904-43G FIELD INSPECTION CHECKLIST                | SRNS   |           |

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| ✚021053     | 11/01/20 | ER-IDS-019-019 | 10693   | F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY BLDGS. 904-41G, 904-42G AND 904-43G FIELD INSPECTIONS CHECKLIST                        | SRNS   |           |
| ✚021054     | 12/05/20 | ER-IDS-019-019 | 10693   | F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY BLDGS. 904-41G, 904-42G AND 904-43G FIELD INSPECTION CHECKLIST                         | SRNS   |           |
| ✚021055     | 01/06/20 | ER-IDS-019-021 | 10693   | INSPECTION DATA SHEET H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-44G, 904-45G, 904-46G AND 904-56G FIELD INSPECTION CHECKLIST | SRNS   |           |
| ✚021056     | 02/03/20 | ER-IDS-019-021 | 10693   | INSPECTION DATA SHEET H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-44G, 904-45G, 904-46G AND 904-56G FIELD INSPECTION CHECKLIST | SRNS   |           |
| ✚021057     | 03/02/20 | ER-IDS-019-021 | 10693   | INSPECTION DATA SHEET H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-44G, 904-45G, 904-46G AND 904-56G FIELD INSPECTION CHECKLIST | SRNS   |           |
| ✚021058     | 04/18/20 | ER-IDS-019-021 | 10693   | INSPECTION DATA SHEET H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-44G, 904-45G, 904-46G AND 904-56G FIELD INSPECTION CHECKLIST | SRNS   |           |
| ✚021059     | 05/05/20 | ER-IDS-019-021 | 10693   | INSPECTION DATA SHEET H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-44G, 904-45G, 904-46G AND 904-56G FIELD INSPECTION CHECKLIST | SRNS   |           |
| ✚021060     | 06/07/20 | ER-IDS-019-021 | 10693   | H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-44G, 904-45G, 904-46G AND 904-56G FIELD INSPECTION CHECKLIST                       | SRNS   |           |
| ✚021061     | 07/15/20 | ER-IDS-019-021 | 10693   | H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-44G, 904-45G, 904-46G AND 904-56G FIELD INSPECTION CHECKLIST                       | SRNS   |           |
| ✚021062     | 08/10/20 | ER-IDS-019-021 | 10693   | H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-44G, 904-45G, 904-46G AND 904-56G FIELD INSPECTION CHECKLIST                       | SRNS   |           |
| ✚021063     | 09/06/20 | ER-IDS-019-021 | 10693   | H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-44G, 904-45G, 904-46G AND 904-56G FIELD INSPECTION CHECKLIST                       | SRNS   |           |
| ✚021064     | 10/10/20 | ER-IDS-019-021 | 10693   | H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-44G, 904-45G, 904-46G AND 904-56G FIELD INSPECTION CHECKLIST                       | SRNS   |           |
| ✚021065     | 11/18/20 | ER-IDS-019-021 | 10693   | H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-44G, 904-45G, 904-46G AND 904-56G FIELD INSPECTION CHECKLIST                       | SRNS   |           |
| ✚021066     | 12/01/20 | ER-IDS-019-021 | 10693   | H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY 904-44G, 904-45G, 904-46G AND 904-56G FIELD INSPECTION CHECKLIST                       | SRNS   |           |
| ✚021067     | 01/04/20 | ER-IDS-019-037 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST H AREA INACTIVE PROCESS SEWER                                                    | SRNS   |           |

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| ✚021068     | 02/03/20 | ER-IDS-019-037 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST H AREA INACTIVE PROCESS SEWER | SRNS   |           |
| ✚021069     | 03/01/20 | ER-IDS-019-037 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST H AREA INACTIVE PROCESS SEWER | SRNS   |           |
| ✚021070     | 04/13/20 | ER-IDS-019-037 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST H AREA INACTIVE PROCESS SEWER | SRNS   |           |
| ✚021071     | 06/06/20 | ER-IDS-019-037 | 10693   | H-AREA INACTIVE PROCESS SEWER FIELD INSPECTION CHECKLIST                       | SRNS   |           |
| ✚021072     | 05/03/20 | ER-IDS-019-037 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST H AREA INACTIVE PROCESS SEWER | SRNS   |           |
| ✚021073     | 07/11/20 | ER-IDS-019-037 | 10693   | H-AREA INACTIVE PROCESS SEWER FIELD INSPECTION CHECKLIST                       | SRNS   |           |
| ✚021074     | 08/04/20 | ER-IDS-019-037 | 10693   | H-AREA INACTIVE PROCESS SEWER FIELD INSPECTION CHECKLIST                       | SRNS   |           |
| ✚021075     | 09/06/20 | ER-IDS-019-037 | 10693   | H-AREA INACTIVE PROCESS SEWER FIELD INSPECTION CHECKLIST                       | SRNS   |           |
| ✚021076     | 10/04/20 | ER-IDS-019-037 | 10693   | H-AREA INACTIVE PROCESS SEWER FIELD INSPECTION CHECKLIST                       | SRNS   |           |
| ✚021077     | 11/02/20 | ER-IDS-019-037 | 10693   | H-AREA INACTIVE PROCESS SEWER FIELD INSPECTION CHECKLIST                       | SRNS   |           |
| ✚021078     | 12/01/20 | ER-IDS-019-037 | 10693   | H-AREA INACTIVE PROCESS SEWER FIELD INSPECTION CHECKLIST                       | SRNS   |           |
| ✚021079     | 07/18/20 | ER-IDS-019-001 | 10693   | SILVERTON ROAD WASTE UNIT BLDG. 731-3A FIELD INSPECTION CHECKLIST              | SRNS   |           |
| ✚021080     | 07/19/20 | ER-IDS-019-002 | 10693   | SILVERTON ROAD WASTE UNIT BLDG. 731-3A FIELD INSPECTION CHECKLIST              | SRNS   |           |
| ✚021081     | 07/29/20 | ER-IDS-019-003 | 10693   | D-AREA BURNING RUBBLE PITS BLDGS. 431-D AND 431-1D FIELD INSPECTION CHECKLIST  | SRNS   |           |
| ✚021082     | 07/27/20 | ER-IDS-019-004 | 10693   | K-AREA BINGHAM PUMP OUTAGE PIT BLDG. 643-1G FIELD INSPECTION CHECKLIST         | SRNS   |           |

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| ✚021083     | 08/12/20 | ER-IDS-019-005 | 10693   | L-AREA BINGHAM PUMP OUTAGE PITS BLDGS. 643-2G AND 643-3G FIELD INSPECTION                                               | SRNS   |           |
| ✚021084     | 08/12/20 | ER-IDS-019-006 | 10693   | P-AREA BINGHAM PUMP OUTAGE PIT BLDG. 643-4G FIELD INSPECTION CHECKLIST                                                  | SRNS   |           |
| ✚021085     | 09/09/20 | ER-IDS-019-007 | 10693   | L-AREA OIL CHEMICAL BASIN BLDG. 904-83G FIELD INSPECTION CHECKLIST                                                      | SRNS   |           |
| ✚021086     | 08/11/20 | ER-IDS-019-008 | 10693   | OLD F-AREA SEEPAGE BASIN BLDG. 904-49G FIELD INSPECTION CHECKLIST                                                       | SRNS   |           |
| ✚021087     | 04/21/20 | ER-IDS-019-009 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST F-AREA RETENTION BASIN BLDG. 281-3F                                    | SRNS   |           |
| ✚021088     | 08/30/20 | ER-IDS-019-010 | 10693   | A-AREA BURNING RUBBLE PITS 731-A AND 731-1A AND RUBBLE PIT 731-2A AND A-AREA ASH PILE 788-2A FIELD INSPECTION CHECKLIST | SRNS   |           |
| ✚021089     | 03/12/20 | ER-IDS-019-011 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST SRL SEEPAGE BASINS BLDG. 904-53G1, 904-53G2, 904-54G AND 904-55G       | SRNS   |           |
| ✚021090     | 04/27/20 | ER-IDS-019-012 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST K-AREA REACTOR SEEPAGE BASIN BLDG 904-65G                              | SRNS   |           |
| ✚021091     | 04/19/20 | ER-IDS-019-013 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST C-REACTOR SEEPAGE BASIN BLDGS. 904-66G, 904-67G AND 904-68G            | SRNS   |           |
| ✚021092     | 06/08/20 | ER-IDS-019-014 | 10693   | MISCELLANEOUS CHEMICAL BASIN METAL BURING PIT BLDGS 731-4A AND 731-5A FIELD INSPECTION CHECKLIST                        | SRNS   |           |
| ✚021093     | 01/25/20 | ER-IDS-019-015 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST K-AREA BURNING RUBBLE PIT BLDG. 131-K AND RUBBLE PILES BLDG. 631-20G   | SRNS   |           |
| ✚021094     | 05/10/20 | ER-IDS-019-016 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST C-AREA BURING RUBBLE PIT BLDG. 131-C                                   | SRNS   |           |
| ✚021095     | 12/06/20 | ER-IDS-019-024 | 10693   | FORD BUILDING SEEPAGE BASIN OPERABLE UNIT BLDG. 904-91G FIELD INSPECTION                                                | SRNS   |           |
| ✚021096     | 06/16/20 | ER-IDS-019-025 | 10693   | L-REACTOR SEEPAGE BASIN BLDG. 904-64G FIELD INSPECTION CHECKLIST                                                        | SRNS   |           |
| ✚021097     | 06/21/20 | ER-IDS-019-026 | 10693   | R-BINGHAM PUMP OUTAGE PIT AND UNKNOWN PITS OPERABLE UNIT FIELD INSPECTION CHECKLIST                                     | SRNS   |           |

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| ✚021098     | 11/08/20 | ER-IDS-019-027 | 10693   | OLD RADIOACTIVE WASTE BURIAL GROUND BLDG. 643-E FIELD INSPECTION CHECKLIST                                                                        | SRNS   |           |
| ✚021099     | 01/07/20 | ER-IDS-019-029 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST A-AREA MISCELLANEOUS RUBBLE PILE OPERABLE UNIT 731-6A                                            | SRNS   |           |
| ✚021100     | 06/20/20 | ER-IDS-019-030 | 10693   | P-AREA BURING RUBBLE PIT BLDG. 131-P FIELD INSPECTION CHECKLIST                                                                                   | SRNS   |           |
| ✚021101     | 10/12/20 | ER-IDS-019-031 | 10693   | CENTRAL SHOPS BURNING RUBBLE PITS OPERABLE UNITS BLDGS. 631-1G AND 631-3G FIELD INSPECTION CHECKLIST                                              | SRNS   |           |
| ✚021102     | 09/21/20 | ER-IDS-019-032 | 10693   | T-AREA IPERABLE UNIT TAOU FIELD INSPECTION CHECKLIST                                                                                              | SRNS   |           |
| ✚021103     | 10/11/20 | ER-IDS-019-034 | 10693   | HEAVY WATER EQUIPMENT WASH BASIN FIELD INSPECTION CHECKLIST                                                                                       | SRNS   |           |
| ✚021104     | 12/14/20 | ER-IDS-019-036 | 10693   | P REACTOR SEEPAGE BASIN OPERABLE UNIT BLDGS. 904-61G, 904-62G AND 904-63G FIELD INSPECTION CHECKLIST                                              | SRNS   |           |
| ✚021105     | 10/17/20 | ER-IDS-019-036 | 10693   | R-AREA BURNING RUBBLE PITS AND RUBBLE PILE OPERABLE PIT REMEDIATION FIELD INSPECTION CHECKLIST                                                    | SRNS   |           |
| ✚021106     | 12/12/20 | ER-IDS-019-038 | 10693   | D-AREA RUBBLE PIT DRP FIELD INSPECTION CHECKLIST                                                                                                  | SRNS   |           |
| ✚021107     | 07/21/20 | ER-IDS-019-040 | 10693   | LOWER THREE RUNS INTEGRATED OPERABLE UNIT FOR FOUR PUBLIC ROAD CROSSING BETWEEN PATTERSON MILL ROAD AND SAVANNAH RIVER FIELD INSPECTION CHECKLIST | SRNS   |           |
| ✚021108     | 12/13/20 | ER-IDS-019-041 | 10693   | D-AREA ASH BASIN DAB 488-D FIELD INSPECTION CHECKLIST                                                                                             | SRNS   |           |
| ✚021109     | 01/20/20 | ER-IDS-019-042 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST H AREA RETENTION BASIN                                                                           | SRNS   |           |
| ✚021110     | 03/11/20 | ER-IDS-019-043 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR WARNER'S POND                                                                               | SRNS   |           |
| ✚021111     | 01/11/20 | ER-IDS-019-044 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST HP-52                                                                                            | SRNS   |           |
| ✚021112     | 09/15/20 | ER-IDS-019-048 | 10693   | R-REACTOR SEEPAGE BASIN 904-57G, 904-58G, 904-60G, 904-104G FIELD INSPECTION CHECKLIST                                                            | SRNS   |           |

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| ✚021113     | 03/22/20 | ER-IDS-019-049 | 10693   | INSPECTION DATA SHEETS FIELD MAINTENANCE CHECKLIST, SAVANNAH RIVER AT THE MOUTH OF EACH CREEK                   | SRNS   |           |
| ✚021114     | 09/13/20 | ER-IDS-019-050 | 10693   | M-AREA INACTIVE PROCESS SEWER LINE MIPS L OPERABLE UNIT 081-M FIELD INSPECTION CHECKLIST                        | SRNS   |           |
| ✚021115     | 12/19/20 | ER-IDS-019-051 | 10693   | R-AREA OPERABLE UNIT ASH BASIN 188-R FIELD INSPECTION CHECKLIST                                                 | SRNS   |           |
| ✚021116     | 03/18/20 | ER-IDS-019-052 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR R-AREA ECODS 1A, 1B, 1C OPERABLE UNIT                     | SRNS   |           |
| ✚021117     | 10/18/20 | ER-IDS-019-053 | 10693   | L-AREA EARLY CONSTRUCTION AND OPERATIONAL DISPOSAL SITE ECODS L-1 OPERABLE UNIT FIELD INSPECTION CHECKLIST      | SRNS   |           |
| ✚021118     | 10/19/20 | ER-IDS-019-054 | 10693   | N-AREA EARLY CONSTRUCTION AND OPERATIONAL DISPOSAL SITE ECODS N-2 OEPERABLE UNIT FIELD INSPECTION CHECKLIST     | SRNS   |           |
| ✚021119     | 07/21/20 | ER-IDS-019-055 | 10693   | P-AREA EARLY CONSTRUCTION AND OPERATINAL DISPOSAL SITE ECODS P-2 OPERABLE UNIT FIELD INSPECTION CHECKLIST       | SRNS   |           |
| ✚021120     | 06/14/20 | ER-IDS-019-056 | 10693   | HEAVY WATER COMPONENT TEST REACTOR HWCTR 77OU FIELD INSPECTION CHECKLIST                                        | SRNS   |           |
| ✚021121     | 04/12/20 | ER-IDS-019-057 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR M-AREA OPERABLE UNIT MAOU                                 | SRNS   |           |
| ✚021122     | 09/12/20 | ER-IDS-019-058 | 10693   | EARLY ACTION LAND USE CONTROL IMPLEMENTATION PLAN AT K-AREA REACTOR BUIDLING COMPLEX FIELD INSPECTON CHECKLIST  | SRNS   |           |
| ✚021123     | 09/12/20 | ER-IDS-019-059 | 10693   | EARLY ACTION LAND USE CONTROL IMPLEMENTATION PLAN AT L-AREA REACTOR BUIDLING COMPLEX FIELD INSPECTION CHECKLIST | SRNS   |           |
| ✚021124     | 09/12/20 | ER-IDS-019-060 | 10693   | EARLY ACTION LAND USE CONTROL IMPLEMENTATION PLAN AT C-AREA REACTOR BUIDLING COMPLEX FIELD INSPECTION CHECKLIST | SRNS   |           |
| ✚021125     | 03/10/20 | ER-IDS-019-061 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR P-AREA ASH BASIN AND P-007 OUTFALL                        | SRNS   |           |
| ✚021126     | 07/22/20 | ER-IDS-019-062 | 10693   | CHEMICAL, METAL, AND PESTICIDE PITS (CMPP) FIELD INSPECTION CHECKLIST                                           | SRNS   |           |
| ✚021127     | 10/26/20 | ER-IDS-019-063 | 10693   | R-AREA OPERABLE UNIT REACTOR BUIDLING AND DISSASSEMBLY BASIN FIELD INSPECTION                                   | SRNS   |           |

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| ✚021128     | 07/26/20 | ER-IDS-019-064 | 10693   | R-AREA OPERABLE UNIT RAOU FIELD INSPECTION CHECKLIST                                   | SRNS   |           |
| ✚021132     | 05/03/20 | ER-IDS-019-037 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST H AREA INACTIVE PROCESS SEWER         | SRNS   |           |
| ✚021133     | 07/11/20 | ER-IDS-019-037 | 10693   | H-AREA INACTIVE PROCESS SEWER FIELD INSPECTION CHECKLIST                               | SRNS   |           |
| ✚021134     | 08/04/20 | ER-IDS-019-037 | 10693   | H-AREA INACTIVE PROCESS SEWER FIELD INSPECTION CHECKLIST                               | SRNS   |           |
| ✚021135     | 09/06/20 | ER-IDS-019-037 | 10693   | H-AREA INACTIVE PROCESS SEWER FIELD INSPECTION CHECKLIST                               | SRNS   |           |
| ✚021136     | 10/04/20 | ER-IDS-019-037 | 10693   | H-AREA INACTIVE PROCESS SEWER FIELD INSPECTION CHECKLIST                               | SRNS   |           |
| ✚021137     | 11/02/20 | ER-IDS-019-037 | 10693   | H-AREA INACTIVE PROCESS SEWER FIELD INSPECTION CHECKLIST                               | SRNS   |           |
| ✚021138     | 12/01/20 | ER-IDS-019-037 | 10693   | H-AREA INACTIVE PROCESS SEWER FIELD INSPECTION CHECKLIST                               | SRNS   |           |
| ✚021139     | 10/26/20 | ER-IDS-019-065 | 10693   | P-AREA OPERABLE UNIT REACTOR BUILDING AND DISASSEMBLY BASIN FIELD INSPECTION CHECKLIST | SRNS   |           |
| ✚021140     | 07/25/20 | ER-IDS-019-066 | 10693   | P-AREA OPERABLE UNIT PAOU FIELD INSPECTION CHECKLIST                                   | SRNS   |           |
| ✚021141     | 09/20/20 | ER-IDS-019-067 | 10693   | D-AREA COAL PILE RUNOFF BASIN 489-D NORTH FIELD INSPECTION CHECKLIST                   | SRNS   |           |
| ✚021142     | 09/20/20 | ER-IDS-019-069 | 10693   | D-AREA ASBESTOS PIT 80-20G FIELD INSPECTION CHECKLIST                                  | SRNS   |           |
| ✚021143     | 05/16/20 | ER-IDS-019-070 | 10693   | INSPECTION DATA SHEETS FIELD INSPECTION CHECKLIST FOR GUNSITE O12 OPERABLE UNIT        | SRNS   |           |
| ✚021144     | 06/27/20 | ER-IDS-019-071 | 10693   | D-AREA BUBBLE TOWER COVER FIELD INSPECTION CHECKLIST                                   | SRNS   |           |
| ✚021145     | 06/28/20 | ER-IDS-019-072 | 10693   | EARLY ACTION D-AREA OPERABLE UNIT EADAOU FIELD INSPECTION CHECKLIST                    | SRNS   |           |



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| ✚021146     | 07/14/20 | ER-IDS-019-073              | 10693   | A-AREA ASH PILE 788-A STABILITY FIELD INSPECTION CHECKLIST                                                                                                                                                            | SRNS              |                                                    |
| ✚021147     | 04/17/20 | ER-IDS-019-074              | 10693   | C-AREA REACTOR OPERABLE UNIT FIELD INSPECTION CHECKLIST                                                                                                                                                               | SRNS              |                                                    |
| ✚021148     | 03/20/20 | ER-IDS-019-075              | 10693   | EARLY CONSTRUCTION AND OPERATIONAL DISPOSAL SITES ECODS C-1 C-AREA FIELD                                                                                                                                              | SRNS              |                                                    |
| ✚021149     | 03/21/20 | ER-IDS-019-076              | 10693   | OUTFALL C-03 C-AREA OPERABLE UNIT FIELD INSPECTION CHECKLIST                                                                                                                                                          | SRNS              |                                                    |
| ✚021157     | 05/01/20 | 021157                      | 10693   | EPA COMMENTS ON THE FIFTH FIVE YEAR REMEDY REVIEW REPORT FOR THE OPERABLE UNITS WITH GEOSYNTHETIC OR STABILIZATION / SOLIDIFICATION COVER SYSTEMS SRNS-RP-2016-00610 REVISION 0 DATED DECEMBER 2016                   | ROBERT H. POPE    | BRIAN T. HENNESSEY                                 |
| ✚021158     | 05/01/20 | 021158                      | 10693   | EPA COMMENTS ON THE FIFTH FIVE YEAR REMEDY REVIEW REPORT FOR OPERABLE UNITS WITH ENGINEERED COVER SYSTEMS SRNS-RP-2016-00609 REVISION 0 DATED DECEMBER 2016                                                           | ROBERT H. POPE    | BRIAN T. HENNESSEY                                 |
| 021163      | 05/30/20 | SRNS-J2000-2017             | 10693   | READING ROOM FOR 2013 RCRA PERMIT RENEWAL APPLICATION VOL. X111 TRANSURANIC WASTE TRU PAD SRNS-IM-2012-00002                                                                                                          | SRNS              | KATHY KARN CARMICHAEL                              |
| ✚021165     | 05/24/20 | 021165                      | 10693   | SCDHEC APPROVAL OF THE FEDERAL FACILITY AGREEMENT FFA REVISION 1 APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR FY 2017 PRINT DATE:04/17/2017 RECEIVED APRIL 25, 2017                                              | SUSAN B. FULMER   | BRIAN T. HENNESSEY                                 |
| ✚021168     | 05/24/20 | 021168                      | 10693   | EPA APPROVAL OF THE FEDERAL FACILITY AGREEMENT FFA REVISION 1 APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2017 PRINT DATE: 04/17/2017 DATED APRIL 24, 2017                                                      | ROBERT H. POPE    | BRIAN HENNESSEY                                    |
| ✚021176     | 05/31/20 | WSRC-OS-94-42               | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT CHANGES DATED 05/31/17: APPENDIX E REVISION 1 APPENDIX E FOR FISCAL YEAR 2017 PRINT DATE 04/17/2017 UPDATED 5/31/17 AND RECORD OF MODIFICATION TO THE FEDERAL FACILITY | WSRC              |                                                    |
| ✚021178     | 06/02/20 | 021178                      | 10693   | SCDHEC COMMENTS ON THE DEACTIVATION AND DECOMMISSIONING D & D CORE TEAM PROTOCOL FOR REVIEW AND CONCURRENCE ON FACILITY DECOMMISSIONING EVALUATIONS AND DECOMMISSIONING PROJECT FINAL REPORTS ERD-EN-2016-0029        | SUSAN B. FULMER   | BRIAN T. HENNESSEY                                 |
| ✚021197     | 05/02/20 | 021197                      | 10693   | EMAIL SUBMITTAL OF THE DEACTIVATION AND DECOMMISSIONING D&D CORE TEAM PROTOCOL FOR REVIEW AND CONCURRENCE ON FACILITY DECOMMISSIONING EVALUATIONS AND DECOMMISSIONING PROJECT FINAL REPORTS ERD-EN-2016-0029          | SHELIA MCFALLS    | ROBERT POPE HEATHER E. CATHCART                    |
| ✚021198     | 04/01/20 | ERD-EN-2016-002 REV.0 DRAFT | 10693   | DEACTIVATION AND DECOMMISSIONING D&D CORE TEAM PROTOCOL FOR REVIEW AND CONCURRENCE ON FACILITY DECOMMISSIONING EVALUATIONS AND DECOMMISSIONING PROJECT FINAL REPORTS ERD-EN-2016-0029 REVISION 0 DRAFT                | SRNS              |                                                    |
| ✚021205     | 07/18/20 | SRNS-J2000-2017             | 10693   | READING ROOM FOR THE SRS ADMINISTRATIVE RECORD FILE (ARF) COMPACT DISKS (CD) 254 AND ARF INDEX DATED JULY 18, 2017.                                                                                                   | SRNS              | SUSAN FULMER,ROBEI POPE,KATHY POPE SUSAN B. FULMER |
| ✚021206     | 07/06/20 | IACD-17-147                 | 10693   | DOE SUBMITTAL OF THE FISCAL YEAR FY 2017 BUDGET ADVICE OF ALLOTMENT FOR ENVIRONMENTAL COMPLIANCE & AREA COMPLETION PROJECTS AND FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX D FOR FY2017 PRINT DATE 6/20/2017      | BRIAN T.HENNESSEY |                                                    |

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| ✚021208     | 07/05/20 | WSRC-OS-94-42                  | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT CHANGES DATED 7/5/2017: REVISION 1 APPENDIX E FOR FISCAL YEAR 2017 PRINT DATE: 4/17/2017, UPDATED 6/30/2017, REVISION 0 APPENDIX K FOR FISCAL YEAR 2017 PRINT DATE 9/22/16 | WSRC               |                                |
| ✚021214     | 07/13/20 | 021214                         | 10693   | SCDHEC APPROVAL OF THE FISCAL YEAR FY 2017 BUDGET ALLOTMENT FOR ENVIRONMENTAL COMPLIANCE & AREA COMPLETION PROJECTS AND FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX D FOR FY 2017 PRINT DATE: 06/20/2017               | SUSAN B. FULMER    | BRIAN T. HENNESSEY             |
| ✚021216     | 07/20/20 | IACD-17-151                    | 10693   | DOE SUBMITTAL OF THE THIRTY 30 DAY EXTENSION NOTIFICATION FOR THE FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH ENGINEERED COVER SYSTEMS U SRNS-RP-2016-00609, REVISION 1, FIFTH       | BRIAN T. HENNESSEY | ROBERT H. POPE SUSAN B. FULMER |
| ✚021226     | 07/31/20 | WSRC-OS-94-42                  | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT CHANGES DATED 7/31/17: REVISION 0 APPENDIX D FOR FISCAL YEAR 2017 PRINT DATE: 6/20/2017 AND RECORD OF MODIFICATIONS TO THE FEDERAL FACILITY AGREEMENT FOR THE SAVANNAH     | WSRC               |                                |
| ✚021231     | 07/31/20 | 02131                          | 10693   | EPA APPROVAL OF THE FISCAL YEAR FY 2017 BUDGET ALLOTMENT FOR ENVIRONMENTAL COMPLIANCE & AREA COMPLETION PROJECTS AND FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX D FOR FY2017 PRINT DATE: 06/20/2017                   | ROBERT H. POPE     | BRIAN HENNESSEY                |
| ✚021238     | 08/29/20 | IACD-17-156                    | 10693   | DOE SUBMITTAL OF THE FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH ENGINEERED COVER SYSTEMS U AIKEN, SOUTH CAROLINA SRNS-RP-2016-00609 REVISION 1 AUGUST 2017 REDLINE PAGES SAVANNAH   | BRIAN T. HENNESSEY | ROBERT H. POPE SUSAN B. FULMER |
| ✚021239     | 08/01/20 | SRNS-RP-2016-00 REDLINE REV.1  | 10693   | FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH ENGINEERED COVER SYSTEMS U AIKEN SOUTH CAROLINA SRNS-RP-2016-00609 REDLINE REVISION 1 AUGUST 2017                                        | SRNS               |                                |
| ✚021240     | 08/01/20 | ERD-EN-2016-004 RED LINE PAGES | 10693   | SAVANNAH RIVER SITE FACT SHEET FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SRS OPERABLE UNITS WITH ENGINEERED COVER SYSTEMS ERD-EN-2016-0049 SAVANNAH RIVER SITE AIKEN, SOUTH CAROLINA AUGUST 2017                           | SRNS               |                                |
| ✚021241     | 08/29/20 | IACD-17-157                    | 10693   | DOE SUBMITTAL OF THE FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GEOSYNTHETIC OR STABILIZATION/SOLIDIFICATION COVER SYSTEMS (U) AIKEN, SOUTH CAROLINA                                | BRIAN T. HENNESSEY | ROBERT H. POPE SUSAN B. FULMER |
| ✚021242     | 08/01/20 | SRNS-RP-2016-00 REDLINE REV 1  | 10693   | FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GEOSYNTHETIC OR STABILIZATION/SOLIDIFICATION COVER SYSTEMS (U) AIKEN SOUTH CAROLINA SRNS-RP-2016-00610 REDLINE REVISION 1 AUGUST 2017    | SRNS               |                                |
| ✚021243     | 08/01/20 | ERD-EN-2016-005 REDLINE        | 10693   | SAVANNAH RIVER SITE FACT SHEET FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SRS OPERABLE UNITS WITH GEOSYNTHETIC OR STABILIZATION/SOLIDIFICATION COVER SYSTEMS ERD-EN-2016-0050 SAVANNAH RIVER SITE AIKEN SOUTH CAROLINA      | SRNS               |                                |
| ✚021245     | 09/14/20 | 021245                         | 10693   | THE SAVANNAH RIVER SITE ENVIRONMENTAL BULLETIN U.S. DEPARTMENT OF ENERGY CONDUCTS PHASED SUBMITTALS OF THE FIFTH FIVE YEAR REMEDY REVIEW AT SAVANNAH RIVER SITE FIFTH PHASE: SAVANNAH RIVER SITE OPERABLE UNITS           | SRNS               |                                |
| ✚021261     | 09/29/20 | IACD-17-163                    | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX H SOLID WASTE MANAGEMENT UNITS FOR FISCAL YEAR 2018 PRINT DATE: 9/20/2017                                                                             | BRIAN T. HENNESSEY | ROBERT H. POPE SUSAN B. FULMER |
| ✚021269     | 09/29/20 | IACD-17-162                    | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX C RCRA/CERCLA UNITS, REVISION 0 APPENDIX G SITE EVALUATION AREAS AND REVISION 0 APPENDIX K D&D FACILITIES FOR FISCAL YEAR 2018 PRINT DATE:            | BRIAN T. HENNESSEY | ROBERT H. POPE SUSAN B. FULMER |
| ✚021273     | 10/16/20 | 021273                         | 10693   | EPA COMMENTS FOR THE FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GEOSYNTHETIC OR STABILIZATION/SOLIDIFICATION COVER SYSTEMS U AIKEN SOUTH CAROLINA                                   | JON RICHARDS       | BRIAN T. HENNESSEY             |

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|-------------|----------|------------------------------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------------------------------|
| ✚021275     | 10/12/20 | 021275                             | 10693   | SCDHEC CONDITIONAL APPROVAL OF THE FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH ENGINEERED COVER SYSTEMS U, AIKEN, SOUTH CAROLINA SRNS-RP-2016-00609, REVISION 1, AUGUST 2017 RED LINE   | SUSAN B. FULMER    | BRIAN T. HENNESSEY                       |
| ✚021276     | 10/12/20 | 021276                             | 10693   | SCDHEC COMMENTS ON THE FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GEOSYNTHETIC OR STABILIZATION/SOLIDIFICATION COVER SYSTEMS U, AIKEN, SOUTH CAROLINA                                  | SUSAN B. FULMER    | BRIAN T. HENNESSEY                       |
| ✚021277     | 10/19/20 | 021277                             | 10693   | EPA COMMENTS FOR THE FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH ENGINEERED COVER SYSTEMS U, AIKEN, SOUTH CAROLINA SRNS-RP-2016-00609, REVISION 1, AUGUST 2017 REDLINE PAGES,           | JON RICHARDS       | BRIAN T. HENNESSEY                       |
| ✚021288     | 11/02/20 | SRNS-J2000-2017                    | 10693   | READING ROOM FOR THE SRS ADMINISTRATIVE RECORD FILE (ARF) CATALOG 021199 - SRNS 021250 COMPACT DISKS (CD) 255 AND ARF INDEX DATED NOVEMBER, 2017                                                                             |                    | SUSAN FULMER,ROBEI POPE,KATHY SCDHEC,EPA |
| ✚021289     | 11/07/20 | SRNS-RP-2017-00                    | 10693   | ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE SRNS-RP-2017-00736 NOVEMBER 2017                                                                                                                | SHELIA MCFALLS     |                                          |
| ✚021297     | 11/08/20 | 021297                             | 10693   | EPA LETTER DESIGNATING ACTING FFA MANAGER FOR NOVEMBER 8 2017 UNTIL SEPTEMBER 30 2018                                                                                                                                        | R POPE             | B.HENNESSEY,                             |
| ✚021298     | 11/14/20 | IACD-18-103                        | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT FFA REVISION 0 APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR FY 2018 PRINT DATE: 11/03/2017                                                                              | BRIAN T. HENNESSEY | JON RICHARDS<br>SUSAN B.                 |
| ✚021301     | 11/16/20 | WSRC-OS-94-42                      | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT CHANGES DATED 11/16/2017: REVISION 0 APPENDIX D FOR FISCAL YEAR 2017 PRINT DATE: 6/20/2017, UPDATED 11/10/2017 APPENDIX L SUSPENSION AGREEMENT FEDERAL FACILITY AGREEMENT FFA | WSRC               |                                          |
| ✚021302     | 11/20/20 | IACD-18-107                        | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT ANNUAL REMOVAL ACTION REPORT FOR FISCAL YEAR 2017                                                                                                                            | BRIAN T. HENNESSEY | JON RICHARDS<br>SUSAN B.                 |
| ✚021314     | 11/30/20 | IACD-18-111                        | 10693   | DOE SUBMITTAL OF THE THIRTY (30) DAY EXTENSION NOTIFICATION FOR THE FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GEOSYNTHETIC OR STABILIZATION/SOLIDIFICATION COVER SYSTEMS U            | BRIAN T. HENNESSEY | JON RICHARDS<br>SUSAN B.                 |
| ✚021315     | 11/30/20 | IACD-18-106                        | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT PROGRESS REPORT FOR FISCAL YEAR 2017 SRNS-RP-2017-00688 NOVEMBER 2017                                                                                                        | BRIAN T. HENNESSEY | JON RICHARDS<br>SUSAN B.                 |
| ✚021316     | 11/01/20 | SRNS-RP-2017-00                    | 10693   | FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 2017 SRNS-RP-2017-00688 NOVEMBER 2017                                                                                                                      | SRNS               |                                          |
| ✚021322     | 11/30/20 | IACD-18-109                        | 10693   | DOE SUBMITTAL OF THE FIFTH FIVE YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH ENGINEERED COVER SYSTEMS U AIKEN SOUTH CAROLINA SRNS-RP-2016-00609 REDLINE REVISION 1.1 NOVEMBER 2017 REDLINE          | BRIAN T. HENNESSEY | JON RICHARDS<br>SUSAN B.                 |
| ✚021323     | 11/01/20 | SRNS-RP-2016-00<br>REDLINE REV 1.1 | 10693   | FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH ENGINEERED COVER SYSTEMS U AIKEN SOUTH CAROLINA SRNS-RP-2016-00609 REDLINE REVISION 1.1 PAGES NOVEMBER 2017                                 | SRNS               |                                          |
| ✚021334     | 11/29/20 | IACD-18-105                        | 10693   | DOE SUBMITTAL OF THE ADMINISTRATIVE RECORD FILE / INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE SRNS-RP-2017-00736, NOVEMBER 2017                                                                                        | BRIAN T. HENNESSEY | JON RICHARDS<br>SUSAN B.                 |

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| ✚021341     | 01/08/20 | SRNS-J2000-2018                        | 10693   | READING ROOM FOR THE SRS ADMINISTRATIVE RECORD FILE (ARF) CATALOG 021251 - SRNS 021341 COMPACT DISKS (CD) 256 AND ARF INDEX DATED JANUARY 9, 2018                                                                      |                    | FULMER,SUSAI             |
| ✚021343     | 12/21/20 | 021343                                 | 10693   | SCDHEC APPROVAL OF THE FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH ENGINEERED COVER SYSTEMS U AIKEN, SOUTH CAROLINA SRNS-RP-2016-00609 REDLINE REVISION 1.1 NOVEMBER 2017         | SUSAN B. FULMER    | BRIAN T. HENNESSEY       |
| ✚021346     | 01/03/20 | 021346                                 | 10693   | EPA APPROVAL FOR THE FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH ENGINEERED COVER SYSTEMS U AIKEN SOUTH CAROLINA SRNS-RP-2016-00609 REDLINE REVISION 1.1 NOV 2017 SAVANNAH RIVER  | JON RICHARDS       | BRIAN T. HENNESSEY       |
| ✚021347     | 12/21/20 | 021347                                 | 10693   | SCDHEC COMMENTS ON THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX E LONG-TERM PROJECTS FOR FISCAL YEAR 2018 PRINT DATE: 11/3/2017 DATED NOVEMBER 14 2017 AND RECEIVED NOVEMBER 15 2017                             | SUSAN B. FULMER    | BRIAN T. HENNESSEY       |
| ✚021348     | 01/04/20 | 021348                                 | 10693   | EPA APPROVAL FOR THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX E LONG-TERM PROJECTIONS FOR FISCAL YEAR 2018 PRINT DATE: 11/3/17 DATED NOVEMBER 14 2017 SAVANNAH RIVER SITE AIKEN SOUTH CAROLINA                   | JON RICHARDS       | BRIAN T. HENNESSEY       |
| ✚021350     | 12/20/20 | IACD-18-117                            | 10693   | DOE SUBMITTAL OF THE FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH OPERATING EQUIPMENT (U) AIKEN, SOUTH CAROLINA SRNS-RP-2017-00567 REVISION 0 DECEMBER 2017 SAVANNAH RIVER SITE    | BRIAN T. HENNESSEY | JON RICHARDS<br>SUSAN B. |
| ✚021351     | 08/01/20 | ERD-EN-2017-004<br>FINAL               | 10693   | SCOPING SUMMARY FOR THE FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH OPERATING EQUIPMENT (U) ERD-EN-2017-0046 FINAL AUGUST 2017                                                    | SRNS               |                          |
| ✚021352     | 12/01/20 | ERD-EN-2017-007                        | 10693   | SAVANNAH RIVER SITE FACT SHEET FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SRS OPERABLE UNITS WITH OPERATING EQUIPMENT ERD-EN-2017-0076 SAVANNAH RIVER SITE AIKEN SOUTH CAROLINA DECEMBER 2017                            | SRNS               |                          |
| ✚021353     | 12/01/20 | SRNS-RP-2017-00<br>REV 0               | 10693   | FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH OPERATING EQUIPMENT (U) AIKEN SOUTH CAROLINA SRNS-RP-2017-00567 REVISION 0 DECEMBER 2017                                              | SRNS               |                          |
| ✚021354     | 01/02/20 | IACD-18-118                            | 10693   | DOE SUBMITTAL OF THE FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GEOSYNTHETIC OR STABILIZATION/SOLIDIFICATION COVER SYSTEMS (U) AIKEN SOUTH CAROLINA                              | BRIAN T. HENNESSEY | JON RICHARDS<br>SUSAN B. |
| ✚021355     | 01/12/20 | 021355                                 | 10693   | SCDHEC APPROVAL OF THE FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GEOSYNTHETIC OR STABILIZATION/SOLIDIFICATION COVER SYSTEMS (U) - AIKEN, SOUTH CAROLINA                         | SUSAN B. FULMER    | BRIAN T. HENNESSEY       |
| ✚021356     | 12/01/20 | ERD-EN-2016-005<br>RED LINE PAGES      | 10693   | SAVANNAH RIVER SITE FACT SHEET FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SRS OPERABLE UNITS WITH GEOSYNTHETIC OR STABILIZATION/SOLIDIFICATION COVER SYSTEMS ERD-EN-2016-0060 DECEMBER 2017 REDLINE PAGES                | SRNS               |                          |
| ✚021357     | 12/01/20 | SRNS-RP-2016-00<br>REDLINE REV.<br>1.1 | 10693   | FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GEOSYNTHETIC OR STABILIZATION/SOLIDATION COVER SYSTEMS (U) AIKEN SOUTH CAROLINA SRNS-RP-2016-00610 REDLINE REVISION 1.1 DECEMBER 2017 | SRNS               |                          |
| ✚021358     | 01/10/20 | IACD-18-123                            | 10693   | DOE SUBMITTAL OF THE EXTENSION REQUEST FOR THE ISSUANCE OF THE FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH ENGINEERED COVER SYSTEMS (U) AIKEN SOUTH CAROLINA SRNS-RP-2016-00609   | BRIAN T. HENNESSEY | JON RICHARDS<br>SUSAN B. |
| ✚021359     | 01/16/20 | 021359                                 | 10693   | EPA APPROVAL FOR EXTENSION REQUEST FOR THE ISSUANCE OF THE FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH ENGINEERED COVER SYSTEMS SRNS-RP-2016-00609 REVISION 1.1 2017              | JON RICHARDS       | BRIAN T. HENNESSEY       |

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| ✚021360     | 01/16/20 | 021360                       | 10693   | SCDHEC APPROVAL OF THE EXTENSION REQUEST FOR THE ISSUANCE OF THE FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH ENGINEERED COVER SYSTEMS (U) AIKEN SOUTH CAROLINA SRNS-RP-2016-00609           | SUSAN B. FULMER    | BRIAN T. HENNESSEY       |
| ✚021364     | 01/10/20 | IACD-18-120                  | 10693   | DOE SUBMITTAL OF THE U.S. DEPARTMENT OF ENERGY-SIGNED FIFTH YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH ENGINEERED COVER SYSTEM (U) AIKEN SOUTH CAROLINA SRNS-RP-2016-00609 REVISION 1.1               | BRIAN T. HENNESSEY | JON RICHARDS<br>SUSAN B. |
| ✚021365     | 11/01/20 | ERD-EN-2016-004              | 10693   | SAVANNAH RIVER SITE FACT SHEET FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SRS OPERABLE UNITS WITH ENGINEERED COVER SYSTEMS ERD-EN-2016-0049 SAVANNAH RIVER SITE AIKEN SC NOVEMBER 2017                                             | SRS                |                          |
| ✚021366     | 11/01/20 | SRNS-RP-2016-00 REVISION 1.1 | 10693   | U.S. DEPARTMENT OF ENERGY-SIGNED FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH ENGINEERED COVER SYSTEMS (U) AIKEN SOUTH CAROLINA SRNS-RP-2016-00609 REVISION 1.1 NOVEMBER 2017                | SRNS               |                          |
| ✚021367     | 01/18/20 | IACD-18-124                  | 10693   | DOE SUBMITTAL OF THE EXTENSION REQUEST FOR THE ISSUANCE OF THE FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GEOSYNTHETIC OR STABILIZATION/SOLIDIFICATION COVER SYSTEM (U) AIKEN              | BRIAN T. HENNESSEY | JON RICHARDS<br>SUSAN B. |
| ✚021368     | 01/31/20 | IACD-18-126                  | 10693   | DOE SUBMITTAL OF THE SAVANNAH RIVER SITES RESPONSES TO THE REGULATORY COMMENTS ON THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX E, LONG TERM PROJECTIONS FOR THE FISCAL YEAR 2018 PRINT DATE 11/03/2017                     | BRIAN T. HENNESSEY | JON RICHARDS<br>SUSAN B. |
| ✚021370     | 01/25/20 | 023170                       | 10693   | SCDHEC COMMENTS ON THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX C RCRA/CERCLA UNITS REVISION 0 APPENDIX G SITE EVALUATION AREAS AND REVISION 0 APPENDIX K D&D FACILITIES FOR FISCAL YEAR 2018 PRINT DATE: 9/20/17 RECEIVED | SUSAN B. FULMER    | BRIAN T. HENNESSEY       |
| ✚021371     | 01/25/20 | 021371                       | 10693   | SCDHEC APPROVAL OF THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX H SOLID WASTE MANAGEMENT UNITS FOR FISCAL YEAR 2018 PRINT DATE: 09/20/2017 RECEIVED OCTOBER 3 2017                                                         | SUSAN B. FULMER    | BRIAN T. HENNESSEY       |
| ✚021372     | 01/24/20 | 021372                       | 10693   | EPA APPROVAL FOR EXTENSION REQUEST FOR THE ISSUANCE OF THE FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GEOSYNTHETIC OR STABILIZATION/SOLIDIFICATION COVER SYSTEMS AIKEN                     | JON RICHARDS       | BRIAN T. HENNESSEY       |
| ✚021373     | 01/24/20 | 021373                       | 10693   | SCDHEC APPROVAL OF THE EXTENSION REQUEST FOR THE ISSUANCE OF THE FIFTH FIVE YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GEOSYNTHETIC OR STABILIZATION/SOLIDIFICATION COVER SYSTEMS (U) AIKEN           | SUSAN B. FULMER    | BRIAN T. HENNESSEY       |
| ✚021374     | 01/24/20 | 021374                       | 10693   | SCDHEC LETTER REGARDING FOR SIGNATURE FIFTH FIVE YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH ENGINEERED COVER SYSTEMS (U) AIKEN SOUTH CAROLINA SRNS-RP-2016-00609 REVISION 1.1 NOVEMBER                | SUSAN B. FULMER    | JON RICHARDS             |
| ✚021378     | 11/01/20 | SRNS-RP-2016-00              | 10693   | THREE PARTY-SIGNED FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH ENGINEERED COVER SYSTEMS (U) AIKEN, SOUTH CAROLINA SRNS-RP-2016-00609 REVISION 1.1 NOVEMBER 2017                             | SRNS               |                          |
| ✚021379     | 11/01/20 | ERD-EN-2016-004              | 10693   | SAVANNAH RIVER SITE FACT SHEET FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH ENGINEERED COVER SYSTEMS SAVANNAH RIVER SITE AIKEN SOUTH CAROLINA NOVEMBER 2017                                  | SRNS               |                          |
| ✚021380     | 02/15/20 | SRNS-J2000-2018              | 10693   | READING ROOM FOR FLOODPLAIN AND WETLAND ASSESSMENT OF THE EFFECTS OF PROPOSED HERBICIDE APPLICATION TO UTILITY RIGHTS-OF-WAY ON THE SAVANNAH RIVER SITE                                                                          | SRNS               | READING ROOMS            |
| ✚021381     | 02/15/20 | SRNS-J2000-2018              | 10693   | READING ROOM FOR THIRD PHASE: FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH ENGINEERED COVER SYSTEMS (U) ERD-EN-2018-0002. SAVANNAH RIVER SITE FACT SHEET - FIFTH FIVE-YEAR REMEDY            | SRNS               | READING ROOMS            |

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| ✚021387     | 02/08/20 | 021387                      | 10693   | EPA APPROVAL FOR THE FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GEOSYNTHETIC OR                                                                                                                                                               | JON RICHARDS       | BRIAN T. HENNESSEY       |
| ✚021388     | 02/16/20 | 021388                      | 10693   | STABILIZATION/SOLIDIFICATION COVER SYSTEMS U AIKEN SOUTH CAROLINA EPA APPROVAL FOR THE FEDERAL FACILITY AGREEMENT REV 0 APPENDIX C RCRA/CERCLA UNITS REV 0 APPENDIX G SITE EVALUATION AREAS, AND REV 0 APPENDIX K D&D FACILITIES FOR FISCAL YEAR 2018 SEPT. 20, 2017 SAVANNAH RIVER | JON RICHARDS       | BRIAN T. HENNESSEY       |
| ✚021389     | 02/16/20 | 021389                      | 10693   | EPA APPROVAL FOR THE FEDERAL FACILITY AGREEMENT REV 0 APPENDIX H SOLID WASTE MANAGEMENT UNITS FOR FISCAL YEAR 2018, SETP. 20, 2017 SAVANNAH RIVER SITE AIKEN SOUTH CAROLINA                                                                                                         | JON RICHARDS       | BRIAN T. HENNESSEY       |
| ✚021392     | 02/23/20 | WSRC-OS-94-42               | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT CHANGES DATED 2/23/2018: REVISION 0 APPENDIX E: FISCAL YEAR 2018 LONG-TERM PROJECTIONS AND RECORD OF MODIFICATIONS TO THE FEDERAL FACILITY AGREEMENT FOR THE SAVANNAH                                                                | SRNS               | DISTRIBUTION             |
| ✚021394     | 02/26/20 | IACD-18-133                 | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION 1 APPENDIX C RCRA/CERCLA UNITS AND REVISION 1 APPENDIX K D&D FACILITIES FOR FISCAL YEAR 2018 PRINT DATE 2/16/2018 AND SAVANNAH RIVER SITES RESPONSES TO THE                                                                | BRIAN T. HENNESSEY | JON RICHARDS<br>SUSAN B. |
| ✚021395     | 02/15/20 | IACD-18-130                 | 10693   | DOE SUBMITTAL OF THE UNITED STATES DEPARTMENT OF ENERGY-SIGNED FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GEOSYNTHETIC OR STABILIZATION/SOLIDIFICATION COVER SYSTEMS U AIKEN                                                                  | BRIAN T. HENNESSEY | JON RICHARDS<br>SUSAN B. |
| ✚021396     | 12/01/20 | ERD-EN-2016-005             | 10693   | SAVANNAH RIVER SITE FACT SHEET FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SRS OPERABLE UNITS WITH GEOSYNTHETIC OR STABILIZATION/SOLIDIFICATION COVER SYSTEMS SAVANNAH RIVER SITE AIKEN SOUTH CAROLINA DECEMBER 2017                                                                   | SRS                |                          |
| ✚021397     | 12/01/20 | SRNS-RP-2016-00<br>REV. 1.1 | 10693   | U.S. DEPARTMENT OF ENERGY SIGNED FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GEOSYNTHETIC OR                                                                                                                                                   | SRNS               |                          |
| ✚021401     | 03/01/20 | 021401                      | 10693   | STABILIZATION/SOLIDIFICATION COVER SYSTEMS U AIKEN, SOUTH CAROLINA SCDHEC LETTER REGARDING FOR SIGNATURE FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GEOSYNTHETIC OR                                                                           | SUSAN B. FULMER    | JON RICHARDS             |
| 021410      | 12/19/20 | ARF-021410                  | 10693   | STABILIZATION/SOLIDIFICATION COVER SYSTEMS U - AIKEN SOUTH CAROLINA QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL PERMIT 025500-1602 FOURTH QUARTER 2017                                                                                                       | SRNS               |                          |
| ✚021414     | 02/21/20 | 021414                      | 10693   | THE SAVANNAH RIVER SITE ENVIRONMENTAL BULLETIN FOR THE NOTICE OF PROPOSED FLOODPLAIN AND WETLAND ACTION AT THE SAVANNAH RIVER SITE FINDING OF No SIGNIFICANT IMPACT FOR THE FINAL ENVIRONMENTAL ASSESSMENT                                                                          | SRNS               |                          |
| ✚021418     | 02/26/20 | IACD-18-132                 | 10693   | DOE SUBMITTAL OF THE THREE PARTY-SIGNED FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH ENGINEERED COVER SYSTEMS U AIKEN, SOUTH CAROLINA SRNS-RP-2016-00609 REVISION 1.1 NOVEMBER                                                                  | BRIAN T. HENNESSEY | JON RICHARDS<br>SUSAN B. |
| ✚021420     | 02/20/20 | 021420                      | 10693   | SCDHEC APPROVAL OF SAVANNAH RIVER SITES RESPONSES TO THE REGULATORY COMMENTS ON THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2018 PRINT DATE: 11/03/2017 RECEIVED                                                                    | SUSAN B. FULMER    | BRIAN T. HENNESSEY       |
| ✚021421     | 02/21/20 | 021421                      | 10693   | SCDHEC APPROVAL OF ADMINISTRATIVE RECORD FILE / INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE SRNS-RP-2017-00736 NOVEMBER 2017 RECEIVED NOVEMBER 30 2017                                                                                                                        | SUSAN B. FULMER    | BRIAN T. HENNESSEY       |
| ✚021425     | 03/07/20 | SRNS-J2000-2018             | 10693   | SAVANNAH RIVER NUCLEAR SOLUTIONS SUBMITTAL OF SAVANNAH RIVER SITE INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN, APPENDICES A, B, AND C WSRC-RP-94-1227 REDLINE REVISION 9E FEBRUARY 2018                                                                                             | AMY MEYERS         | SUSAN FULMER             |



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| ✚021426     | 02/01/20 | WSRC-RP-94-122' REDLINE 9E | 10693   | SAVANNAH RIVER SITE INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN, APPENDICES A, B, AND C WSRC-RP-94-1227 REDLINE REVISION 9E FEBRUARY 2018                                                                                       | SRNS               |                       |
| ✚021429     | 12/01/20 | SRNS-RP-2016-00 REV 1.1    | 10693   | FIFTH FIVE YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GEOSYNTHETIC OR STABILIZATION/SOLIDIFICATION COVER SYSTEMS U AIKEN SOUTH CAROLINA SRNS-RP-2016-00610 REVISION 1.1 DECEMBER 2017                | SRNS               |                       |
| ✚021430     | 12/01/20 | ERD-EN-2016-005            | 10693   | SAVANNAH RIVER FACT SHEET FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SRS OPERABLE UNITS WITH GEOSYNTHETIC OR STABILIZATION/SOLIFICATION COVER SYSTEMS ERD-EN-2016-0050 SAVANAH RIVER SITE AIKEN SOUTH CAROLINA                    | SRNS               |                       |
| ✚021431     | 03/22/20 | SRNS-J2000-2018            | 10693   | READING ROOM FOR FOURTH PHASE: FIFTH FIVE YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GEOSYNTHETIC OR STABILIZATION/SOLIDIFICATION COVER SYSTEMS (U) SRNS-RP-2016-00610 REVISION                      | SRNS               | READING ROOMS         |
| ✚021443     | 03/21/20 | 021443                     | 10693   | SCDHEC APPROVAL OF THE FEDERAL FACILITY AGREEMENT REVISION 1 APPENDIX C RCRA/CERCLA UNITS AND REVISION 1 APPENDIX K D&D FACILITIES, FOR FISCAL YEAR 2018 PRINT DATE: 2/16/2018, RECEIVED FEBRUARY 28, 2018                      | SUSAN B. FULMER    | BRIAN T. HENNESSEY    |
| ✚021444     | 03/19/20 | 021444                     | 10693   | SCDHEC COMMENTS ON THE FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH OPERATING EQUIPMENT U - AIKEN, SOUTH CAROLINA SRNS-RP-2017-00567, REVISION 0, DECEMBER 2017 RECEIVED                    | SUSAN B. FULMER    | BRIAN T. HENNESSEY    |
| ✚021449     | 03/21/20 | 021449                     | 10693   | EPA APPROVAL OF THE ADMINISTRATIVE RECORD FILE / INFORMATION REPOSITORY FILE ANNUAL NDICES UPDATE SRNS-RP-2017-00736, NOVEMBER 2017, SAVANNAH RIVER SITE, AIKEN, SOUTH CAROLINA                                                 | JON RICHARDS       | BRIAN T. HENNESSEY    |
| ✚021450     | 03/27/20 | 021450                     | 10693   | EPA SUBMITTAL OF A THIRTY-DAY EXTENSION NOTIFICATION REQUEST FOR THE FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SRS OPERABLE UNITS WITH OPERATING EQUIPMENT U, SRNS-RP-2017-00567, REV 0, DECEMBER 2017, SAVANNAH                 | JON RICHARDS       | BRIAN T. HENNESSEY    |
| ✚021456     | 02/16/20 | WSRC-OS-94-42              | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT CHANGES DATED 2/16/2018: REVISION 0 APPENDIX G SITE EVALUATION AREAS FOR FISCAL YEAR 2018 PRINT DATE: 9/20/2017 APPENDIX H SOLID WASTE MANAGEMENT UNITS FOR FISCAL YEAR 2018 AND | SRNS               | DISTRIBUTION          |
| ✚021458     | 03/23/20 | WSRC-OS-94-42              | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT CHANGES DATED 3/23/2018: REVISION 0 APPENDIX C RCRA/CERCLA UNITS LIST FOR FISCAL YEAR 2018, REVISION 0 APPENDIX K D&D FACILITIES LIST FOR FISCAL YEAR 2018 AND RECORD OF         | SRNS               | DISTRIBUTION          |
| ✚021462     | 03/27/20 | ERD-EN-2018-000            | 10693   | THE SAVANNAH RIVER SITE ENVIRONMENTAL BULLETIN FOR THE NOTICE OF PUBLIC AVAILABILITY FOURTH PHASE: FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GEOSYNTHETIC OR                             | SRNS               |                       |
| ✚021464     | 04/03/20 | IACD-18-144                | 10693   | DOE SUBMITTAL OF THE THREE PARTY-SIGNED FIFTH FIVE YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GEOSYNTHETIC OR STABILIZATION/SOLIDIFICATION COVER SYSTEMS U AIKEN SOUTH CAROLINA                      | BRIAN T. HENNESSEY | JON RICHARDS          |
| ✚021466     | 04/04/20 | 021466                     | 10693   | SCDHEC COMMENTS ON THE SUBMITTAL OF THE SAVANNAH RIVER SITE INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN APPENDICES A, B, C WSRC-RP-94-1227 REDLINE REVISION 9E FEBRUARY 2018 RECEIVED MARCH 9 2018                              | SUSAN B. FULMER    | SUSAN B. AMY J. MEYER |
| ✚021482     | 04/20/20 | 021482                     | 10693   | EPA COMMENTS FOR THE FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SRS OPERABLE UNITS WITH OPERATING EQUIPMENT (U), [SRNS-RP-2017-00567], REV 0, DECEMBER 2017, SAVANNAH RIVER SITE, AIKEN, SOUTH CAROLINA                           | J. Richards        | B. Hennessey          |
| ✚021488     | 10/09/20 | ER-IDS-019-010             | 10693   | A-AREA BURNING/RUBBLE PITS (731-A AND 731-1A) RUBBLE PIT (731-2A) AND A-AREA ASH PILE (788-2A) FIELD INSPECTION CHECKLIST                                                                                                       | SRNS               |                       |

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| ✚021489     | 01/30/20 | ER-IDS-019-029 | 10693   | A-AREA MISCELLANEOUS RUBBLE PILE OPERABLE UNIT (731-6A) FIELD INSPECTION CHECKLIST                              | SRNS   |           |
| ✚021490     | 05/16/20 | ER-IDS-019-016 | 10693   | C-AREA BURNING RUBBLE PIT (BLDG. 131-C) FIELD INSPECTION CHECKLIST                                              | SRNS   |           |
| ✚021491     | 04/24/20 | ER-IDS-019-013 | 10693   | C-REACTOR SEEPAGE BASIN (BLDGS 904-66G 904-67G AND 904-68G) FIELD INSPECTION CHECKLIST                          | SRNS   |           |
| ✚021492     | 10/13/20 | ER-IDS-019-031 | 10693   | CENTRAL SHOPS BURNING RUBBLE PITS OPERABLE UNITS (BLDGS 631-1G AND 631-3G) FIELD INSPECTION                     | SRNS   |           |
| ✚021493     | 05/22/20 | ER-IDS-019-062 | 10693   | CHEMICAL, METAL, AND PESTICIDE PITS (CMPP) FIELD INSPECTION CHECKLIST                                           | SRNS   |           |
| ✚021494     | 09/13/20 | ER-IDS-019-060 | 10693   | EARLY ACTION LAND USE CONTROL IMPLEMENTATION PLAN AT C AREA REACTOR BUILDING COMPLEX FIELD INSPECTION CHECKLIST | SRNS   |           |
| ✚021495     | 12/14/20 | ER-IDS-019-041 | 10693   | D AREA ASH BASIN (DAB) (488-D) FIELD INSPECTION CHECKLIST                                                       | SRNS   |           |
| ✚021496     | 12/27/20 | ER-IDS-019-077 | 10693   | D AREA ASH BASIN (488-2D) AND ASH LANDFILL (488-4D) INTERIM FIELD INSPECTION CHECKLIST                          | SRNS   |           |
| ✚021497     | 03/05/20 | ER-IDS-019-077 | 10693   | D AREA ASH BASIN (488-2D) AND ASH LANDFILL (488-4d) INTERIM FIELD INSPECTION CHECKLIST                          | SRNS   |           |
| ✚021498     | 12/20/20 | ER-IDS-019-077 | 10693   | D AREA ASH BASIN (488-2D) AND ASH LANDFILL (488-4D) INTERIM FIELD INSPECTION CHECKLIST                          | SRNS   |           |
| ✚021499     | 07/24/20 | ER-IDS-019-003 | 10693   | D-AREA BURNING/RUBBLE PITS (BLDGS. 431-D AND 431-1D) FIELD INSPECTION CHECKLIST                                 | SRNS   |           |
| ✚021500     | 09/20/20 | ER-IDS-019-067 | 10693   | D-AREA COAL PILE RUNOFF BASIN (489-D NORTH) FIELD INSPECTION CHECKLIST                                          | SRNS   |           |
| ✚021501     | 06/26/20 | ER-IDS-019-071 | 10693   | D-AREA BUBBLE TOWER COVER FIELD INSPECTION CHECKLIST                                                            | SRNS   |           |
| ✚021502     | 11/14/20 | ER-IDS-019-069 | 10693   | D-AREA ASBESTOS PIT (80-20G) FIELD INSPECTION CHECKLIST                                                         | SRNS   |           |
| ✚021503     | 06/26/20 | ER-IDS-019-072 | 10693   | EARLY ACTION D-AREA OPERABLE UNIT (EADAOU) FIELD INSPECTION CHECKLIST                                           | SRNS   |           |



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| ✚021504     | 12/14/20 | ER-IDS-019-038 | 10693   | D-AREA RUBBLE PIT (DRP) FIELD INSPECTION CHECKLIST                                                          | SRNS   |           |
| ✚021505     | 07/06/20 | ER-IDS-019-002 | 10693   | F-AREA BURNING/RUBBLE PITS 231-F, 231-1F AND 231-2F FIELD INSPECTION CHECKLIST                              | SRNS   |           |
| ✚021506     | 04/26/20 | ER-IDS-019-009 | 10693   | F-AREA RENTION BASIN (BLDG 381-3F) FIELD INSPECTION CHECKLIST                                               | SRNS   |           |
| ✚021507     | 03/06/20 | ER-IDS-019-019 | 10693   | F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDGS 904-41G, 904-42G AND 904-43G) FIELD INSPECTION CHECKLIST  | SRNS   |           |
| ✚021508     | 04/24/20 | ER-IDS-019-019 | 10693   | F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDGS 904-41G, 904-42G AND 904-43G) FIELD INSPECTION CHECKLIST  | SRNS   |           |
| ✚021509     | 05/02/20 | ER-IDS-019-019 | 10693   | F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDGS 904-41G, 904-42G AND 904-43G) FIELD INSPECTION CHECKLIST  | SRNS   |           |
| ✚021510     | 06/05/20 | ER-IDS-019-019 | 10693   | F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDG 904-41G, 904-42G AND 904-43G) FIELD INSPECTION CHECKLIST   | SRNS   |           |
| ✚021511     | 07/05/20 | ER-IDS-019-019 | 10693   | F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDGS 904-41G, 904-42g AND 904-43G) FIELD INSPECTION CHECKLIST  | SRNS   |           |
| ✚021512     | 08/08/20 | ER-IDS-019-019 | 10693   | F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDGS 904-41G, 904-42G AND 904-43G) FIELD INSPECTION CHECKLIST  | SRNS   |           |
| ✚021513     | 02/05/20 | ER-IDS-019-019 | 10693   | F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDGS 904-41G, 904-42G, AND 904-43G) FIELD INSPECTION CHECKLIST | SRNS   |           |
| ✚021514     | 12/20/20 | ER-IDS-019-019 | 10693   | F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDGS 904-41G, 904-42G AND 904-43G) FIELD INSPECTION CHECKLIST  | SRNS   |           |
| ✚021515     | 10/11/20 | ER-IDS-019-019 | 10693   | F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDGS 904-41G, 904-42G AND 904-43G) FIELD INSPECTION CHECKLIST  | SRNS   |           |
| ✚021516     | 12/27/20 | ER-IDS-019-019 | 10693   | F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDGS 904-41G, 904-42G AND 904-43G) FIELD INSPECTION CHECKLIST  | SRNS   |           |
| ✚021517     | 11/29/20 | ER-IDS-019-019 | 10693   | F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDGS 904-41G, 904-42G AND 904-43G) FIELD INSPECTION CHECKLIST  | SRNS   |           |
| ✚021518     | 01/08/20 | ER-IDS-019-019 | 10693   | F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDGS 904-41G, 904-42G AND 904-43G) FIELD INSPECTION CHECKLIST  | SRNS   |           |

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| ✚021519     | 12/07/20 | ER-IDS-019-024 | 10693   | FORD BUILDING SEEPAGE BASIN OPERABLE UNIT (BLDG 904-91G) FIELD INSPECTION CHECKLIST                                 | SRNS   |           |
| ✚021520     | 05/22/20 | ER-IDS-019-070 | 10693   | GUN SITE 012 OPERABLE UNIT FIELD INSPECTION CHECKLIST                                                               | SRNS   |           |
| ✚021522     | 04/24/20 | ER-IDS-019-037 | 10693   | H-AREA INACTIVE PROCESS SEWER FIELD INSPECTION CHECKLIST                                                            | SRNS   |           |
| ✚021523     | 05/02/20 | ER-IDS-019-037 | 10693   | H-AREA INACTIVE PROCESS SEWER FIELD INSPECTION CHECKLIST                                                            | SRNS   |           |
| ✚021524     | 06/05/20 | ER-IDS-019-037 | 10693   | H-AREA INACTIVE PROCESS SEWER FIELD INSPECTION CHECKLIST                                                            | SRNS   |           |
| ✚021525     | 07/06/20 | ER-IDS-019-037 | 10693   | H-AREA INACTIVE PROCESS SEWER FIELD INSPECTION CHECKLIST                                                            | SRNS   |           |
| ✚021526     | 08/02/20 | ER-IDS-019-037 | 10693   | H-AREA INACTIVE PROCESS SEWER FIELD INSPECTION CHECKLIST                                                            | SRNS   |           |
| ✚021527     | 02/07/20 | ER-IDS-019-037 | 10693   | H-AREA INACTIVE PROCESS SEWER FIELD INSPECTION CHECKLIST                                                            | SRNS   |           |
| ✚021528     | 12/20/20 | ER-IDS-019-037 | 10693   | H-AREA INACTIVE PROCESS SEWER FIELD INSPECTION CHECKLIST                                                            | SRNS   |           |
| ✚021529     | 10/31/20 | ER-IDS-019-037 | 10693   | H-AREA INACTIVE PROCESS SEWER FIELD INSPECTION CHECKLIST                                                            | SRNS   |           |
| ✚021530     | 12/27/20 | ER-IDS-019-037 | 10693   | H-AREA INACTIVE PROCESS SEWER FIELD INSPECTION CHECKLIST                                                            | SRNS   |           |
| ✚021532     | 01/17/20 | ER-IDS-019-037 | 10693   | H-AREA INACTIVE PROCESS SEWER FIELD INSPECTION CHECKLIST                                                            | SRNS   |           |
| ✚021533     | 01/23/20 | ER-IDS-019-042 | 10693   | H-AREA RETENTION BASIN FIELD INSPECTION CHECKLIST                                                                   | SRNS   |           |
| ✚021534     | 03/08/20 | ER-IDS-019-021 | 10693   | H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDGS 904-44G, 904-45G, 904-46G ADN 904-56G) FIELD INSPECTION CHECKLIST | SRNS   |           |
| ✚021535     | 04/24/20 | ER-IDS-019-021 | 10693   | H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDGS 904-44G, 904-45G, 904-46G AND 904-56G) FIELD INSPECTION CHECKLIST | SRNS   |           |

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| ✚021536     | 05/02/20 | ER-IDS-019-021 | 10693   | H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDGS 904-44G, 904-45G, 904-46G, AND 904-56G) FIELD INSPECTION CHECKLIST | SRNS   |           |
| ✚021537     | 06/07/20 | ER-IDS-019-021 | 10693   | H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDGS 904-44G, 904-45G, 904-46G, AND 904-56G) FIELD INSPECTION CHECKLIST | SRNS   |           |
| ✚021539     | 08/03/20 | ER-IDS-019-021 | 10693   | H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDGS 904-44G, 904-45G, 904-46G AND 904-56G) FIELD INSPECTION CHECKLIST  | SRNS   |           |
| ✚021544     | 12/27/20 | ER-IDS-019-021 | 10693   | H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDGS 904-44G, 904-45G, 904-46G AND 904-56G) FIELD INSPECTION CHECKLIST  | SRNS   |           |
| ✚021545     | 11/29/20 | ER-IDS-019-021 | 10693   | H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDGS 904-44G, 904-45G, 904-46G AND 904-56G) FIELD INSPECTION CHECKLIST  | SRNS   |           |
| ✚021546     | 01/17/20 | ER-IDS-019-021 | 10693   | H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDGS 904-44G, 904-45G, 904-46G AND 904-56G) FIELD INSPECTION CHECKLIST  | SRNS   |           |
| ✚021547     | 01/23/20 | ER-IDS-019-044 | 10693   | HP-52 FIELD INSPECTION CHECKLIST                                                                                     | SRNS   |           |
| ✚021549     | 06/08/20 | ER-IDS-019-056 | 10693   | HEAVY WATER COMPONENT TEST REACTOR (HWCTR) (770U) FIELD INSPECTION CHECKLIST                                         | SRNS   |           |
| ✚021550     | 05/13/20 | ER-IDS-019-023 | 10693   | INTERIM SANITARY LANDFILL (BLDG 740-10G) FIELD INSPECTION CHECKLIST                                                  | SRNS   |           |
| ✚021552     | 08/17/20 | ER-IDS-019-023 | 10693   | INTERIM SANITARY LANDFILL (BLDG 740-10G) FIELD INSPECTION CHECKLIST                                                  | SRNS   |           |
| ✚021553     | 03/05/20 | ER-IDS-019-023 | 10693   | INTERIM SANITRAY LANDFILL (BLDG 740-10G) FIELD INPSECTION CHECKLIST                                                  | SRNS   |           |
| ✚021554     | 07/24/20 | ER-IDS-019-004 | 10693   | K-AREA BINGHAM PUMP OUTAGE PIT (BLDG 643-1G) FIELD INSPECTION CHECKLIST                                              | SRNS   |           |
| ✚021555     | 01/17/20 | ER-IDS-019-015 | 10693   | K-AREA BURNING/RUBBLE PIT (BLDG 131-K) AND RUBBLE PILE (BLDG 631-20G) FIELD INSPECTION                               | SRNS   |           |
| ✚021556     | 04/24/20 | ER-IDS-019-012 | 10693   | K-AREA REACTOR SEEPAGE BASIN (BLDG 904-65G) FIELD INSPECTION CHECKLIST                                               | SRNS   |           |
| ✚021557     | 10/31/20 | ER-IDS-019-058 | 10693   | EARLY ACTION LAND USE CONTROL IMPLEMENTATION PLAN AT K-AREA REACTOR BUILDING COMPLEX FIELD INSPECTION CHECKLIST      | SRNS   |           |

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| ✚021558     | 08/02/20 | ER-IDS-019-005 | 10693   | L-AREA BINGHAM PUMP OUTAGE PITS (BLDGS 643-2G AND 643-3G) FIELD INSPECTION CHECKLIST                                                               | SRNS   |           |
| ✚021560     | 09/28/20 | ER-IDS-019-007 | 10693   | L-AREA OIL CHEMICAL BASIN (BLDG 904-83G) FIELD INSPECTION CHECKLIST                                                                                | SRNS   |           |
| ✚021561     | 06/08/20 | ER-IDS-019-025 | 10693   | L-REACTOR SEEPAGE BASIN (BLDG 904-64G) FIELD INSPECTION CHECKLIST                                                                                  | SRNS   |           |
| ✚021562     | 11/14/20 | ER-IDS-019-059 | 10693   | EARLY ACTION LAND USE CONTROL IMPLEMENTATION PLAN AT L-AREA REACTOR BUILDING COMPLEX FIELD INSPECTION CHECKLIST                                    | SRNS   |           |
| ✚021563     | 04/24/20 | ER-IDS-019-057 | 10693   | M-AREA OPERABLE UNIT (MAOU) FIELD INSPECTION CHECKLIST                                                                                             | SRNS   |           |
| ✚021564     | 05/16/20 | ER-IDS-019-022 | 10693   | M-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDG 904-51G) FIELD INSPECTION CHECKLIST                                                               | SRNS   |           |
| ✚021565     | 09/13/20 | ER-IDS-019-022 | 10693   | M-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDG 904-51G) FIELD INSPECTION CHECKLIST                                                               | SRNS   |           |
| ✚021566     | 12/20/20 | ER-IDS-019-022 | 10693   | M-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDG 904-51G) FIELD INSPECTION CHECKLIST                                                               | SRNS   |           |
| ✚021567     | 03/05/20 | ER-IDS-019-022 | 10693   | M-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDG 904-51G) FIELD INSPECTION CHECKLIST                                                               | SRNS   |           |
| ✚021568     | 09/28/20 | ER-IDS-019-050 | 10693   | M-AREA INACTIVE PROCESS SEWER LINE (MIPSL) OPERABLE UNIT 081-M FIELD INSPECTION CHECKLIST                                                          | SRNS   |           |
| ✚021571     | 03/05/20 | ER-IDS-019-020 | 10693   | METALLURGICAL LABORATORY HAZARDOUS WASTE MANAGEMENT FACILITY (HWMF) POST CLOSURE FIELD INSPECTION CHECKLIST                                        | SRNS   |           |
| ✚021572     | 12/20/20 | ER-IDS-019-020 | 10693   | METALLURGICAL LABORATORY HAZARDOUS WASTE MANAGEMENT FACILITY (HWMF) POST CLOSURE FIELD INSPECTION CHECKLIST                                        | SRNS   |           |
| ✚021573     | 06/15/20 | ER-IDS-019-014 | 10693   | MISCELLANEOUS CHEMICAL BASIN/METAL BURNING PIT (BLDGS 731-4A AND 731-5A) FIELD INSPECTION                                                          | SRNS   |           |
| ✚021574     | 05/11/20 | ER-IDS-019-018 | 10693   | MIXED WASTE MANAGEMENT FACILITY POST CLOSURE INSPECTION, BLDG 643-28G AND LOW-LEVEL RADIOACTIVE WASTE DISPOSAL FACILITY FIELD INSPECTION CHECKLIST | SRNS   |           |
| ✚021575     | 10/09/20 | ER-IDS-019-018 | 10693   | MIXED WASTE MANAGEMENT FACILITY POST CLOSURE INSPECTION, BLDG 643-28G AND LOW-LEVEL RADIOACTIVE WASTE DISPOSAL FACILITY FIELD INSPECTION CHECKLIST | SRNS   |           |

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| ✚021576     | 12/20/20 | ER-IDS-019-018 | 10693   | MIXED WASTE MANAGEMENT FACILITY POST CLOSURE INSPECTION BLDG 643-28G AND LOW-LEVEL RADIOACTIVE WASTE DISPOSAL FACILITY FIELD INSPECTION CHECKLIST  | SRNS   |           |
| ✚021578     | 03/05/20 | ER-IDS-019-018 | 10693   | MIXED WASTE MANAGEMENT FACILITY POST CLOSURE INSPECTION. BLDG 643-28G AND LOW-LEVEL RADIOACTIVE WASTE DISPOSAL FACILITY FIELD INSPECTION CHECKLIST | SRNS   |           |
| ✚021579     | 11/29/20 | ER-IDS-019-054 | 10693   | N-AREA EARLY CONSTRUCTION AND OPERATIONAL DISPOSAL SITE (ECODS) N-2 OPERABLE UNIT FIELD INSPECTION CHECKLIST                                       | SRNS   |           |
| ✚021580     | 10/09/20 | ER-IDS-019-008 | 10693   | OLD F-AREA SEEPAGE BASIN (BLDG 904-49G) FIELD INSPECTION CHECKLIST                                                                                 | SRNS   |           |
| ✚021582     | 03/20/20 | ER-IDS-019-061 | 10693   | P-AREA ASH BASIN AND P-007 OUTFALL FIELD INSPECTION CHECKLIST                                                                                      | SRNS   |           |
| ✚021584     | 06/15/20 | ER-IDS-019-030 | 10693   | P-AREA BURNING RUBBLE PIT (BLDG 131-P) INSPECTION CHECKLIST                                                                                        | SRNS   |           |
| ✚021586     | 12/12/20 | ER-IDS-109-065 | 10693   | P-AREA OPERABLE UNIT REACTOR BUILDING AND DISASSEMBLY BASIN FIELD INSPECTION CHECKLIST                                                             | SRNS   |           |
| ✚021589     | 06/26/20 | ER-IDS-019-026 | 10693   | R-BINGHAM PUMP OUTAGE PIT AND UNKNOWN PITS OPERABLE UNIT FIELD INSPECTION CHECKLIST                                                                | SRNS   |           |
| ✚021591     | 03/14/20 | ER-IDS-019-052 | 10693   | R-AREA EARLY CONSTRUCTION AND OPERATIONAL DISPOSAL SITES (ECODS) 1A, 1B AND 1C OPERABLE UNIT FIELD INSPECTION CHECKLIST                            | SRNS   |           |
| ✚021592     | 12/27/20 | ER-IDS-019-051 | 10693   | R-AREA OPERABLE UNIT ASH BASIN 188-R FIELD INSPECTION CHECKLIST                                                                                    | SRNS   |           |
| ✚021593     | 07/24/20 | ER-IDS-019-064 | 10693   | R-AREA OPERABLE UNIT (RAOU) FIELD INSPECTION CHECKLIST                                                                                             | SRNS   |           |
| ✚021594     | 10/11/20 | ER-IDS-019-048 | 10693   | R-REACTOR SEEPAGE BASINS 904-57G, 904-58G, 904-59G, 904-60G, 904-103G AND 904-104G FIELD INSPECTION CHECKLIST                                      | SRNS   |           |
| ✚021596     | 11/07/20 | ER-IDS-019-028 | 10693   | SANITARY LANDFILL (BLDG 740-G) FIELD INSPECTION CHECKLIST                                                                                          | SRNS   |           |
| ✚021597     | 02/27/20 | ER-IDS-019-028 | 10693   | SANITARY LANDFILL (BLDG 740-G) FIELD INSPECTION CHECKLIST                                                                                          | SRNS   |           |
| ✚021599     | 08/17/20 | ER-IDS-019-028 | 10693   | SANITARY LANDFILL (BLDG 740-G) FIELD INSPECTION CHECKLIST                                                                                          | SRNS   |           |

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| ✚021600     | 05/02/20 | SRNS-J2000-2018           | 10693   | SAVANNAH RIVER NUCLEAR SOLUTIONS SUBMITTAL OF SAVANNAH RIVER SITE INVESTIGATION - DERIVED WASTE MANAGEMENT PLAN, APPENDICES A, B, AND C (WSRC-RP-94-1227, REVISION 9E, FEBRUARY 2018) (CLEAN COPY) | A. MEYER | S. FULMER |
| ✚021601     | 02/01/20 | WSRC-RP-94-1227<br>REV 9E | 10693   | SAVANNAH RIVER SITE INVESTIGATION - DERIVED WASTE MANAGEMENT PLAN, APPENDICES A, B, AND C (WSRC-RP-94-1227, REVISION 9E, FEBRUARY 2018) (CLEAN COPY)                                               | SRS      |           |
| ✚021602     | 07/24/20 | ER-IDS-019-001            | 10693   | SILVERTON ROAD WASTE UNIT (BLDG 731-3A) FIELD INSPECTION CHECKLIST                                                                                                                                 | SRNS     |           |
| ✚021603     | 03/14/20 | ER-IDS-019-011            | 10693   | SAVANNAH RIVER LABORATORY SEEPAGE BASIN (BLDG 904-53G1, 904-52G2, 904-54G AND 904-55G)                                                                                                             | SRNS     |           |
| ✚021604     | 11/14/20 | ER-IDS-019-032            | 10693   | T-AREA OPERABLE UNIT (TAOU) FIELD INSPECTION CHECKLIST                                                                                                                                             | SRNS     |           |
| ✚021605     | 03/16/20 | ER-IDS-019-043            | 10693   | WARNER'S POND FIELD INSPECTION CHECKLIST                                                                                                                                                           | SRNS     |           |
| ✚021606     | 02/27/20 | ER-IDS-019-073            | 10693   | A-AREA ASH PILE (788-A) STABILITY FIELD INSPECTION CHECKLIST                                                                                                                                       | SRNS     |           |
| ✚021607     | 04/24/20 | ER-IDS-019-074            | 10693   | C-AREA REACTOR OPERABLE UNIT FIELD INSPECTION CHECKLIST                                                                                                                                            | SRNS     |           |
| ✚021608     | 03/21/20 | ER-IDS-019-075            | 10693   | EARLY CONSTRUCTION AND OPERATIONAL DISPOSAL SITES (ECODS) C-1 C-AREA FIELD INSPECTION CHECKLIST                                                                                                    | SRNS     |           |
| ✚021609     | 03/21/20 | ER-IDS-019-076            | 10693   | OUTFALL C-03 C-AREA OPERABLE UNIT FIELD INSPECTION CHECKLIST                                                                                                                                       | SRNS     |           |
| ✚021610     | 06/14/20 | 025500-11602              | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL (PERMIT #025500-1602)                                                                                                           | SRNS     |           |
| ✚021611     | 09/05/20 | 025500-1602               | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL (PERMIT #025500-1602)                                                                                                           | SRNS     |           |
| ✚021618     | 03/02/20 | ER-IDS-019-046            | 10693   | HIGHWAY 125 BRIDGE CROSSING FIELD INSPECTION CHECKLIST                                                                                                                                             | SRNS     |           |
| ✚021619     | 04/24/20 | ER-IDS-019-040            | 10693   | LOWER THREE RUNS INTEGRATED OPERABLE UNIT FOR FOUR PUBLIC ROAD CROSSING BETWEEN PATTERSON MILL ROAD AND SAVANNAH RIVER FIELD INSPECTION CHECKLIST                                                  | SRNS     |           |
| ✚021620     | 04/24/20 | ER-IDS-019-049            | 10693   | SAVANNAH RIVER AT THE MOUTH OF EACH CREEK FIELD INSPECTION CHECKLIST                                                                                                                               | SRNS     |           |

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| ✚021633     | 09/14/20 | 021633          | 10693   | NEWSPAPER ADVERTISEMENT - THE PEOPLE SENTINAL AFFIDAVIT OF PUBLICATION FOR THE U.S. DEPARTMENT OF ENERGY CONDUCTS PHASED SUBMITTALS OF FIFTH FIVE YEAR REMEDY REVIEW AT SAVANNAH RIVER SITE FIFTH PHASE: SAVANNAH         | SRNS         |                       |
| ✚021635     | 09/14/20 | 021635          | 10693   | NEWSPAPER ADVERTISEMENT - THE AIKEN STANDARD AFFIDAVIT OF PUBLICATION FOR THE U.S. DEPARTMENT OF ENERGY CONDUCTS PHASED SUBMITTALS OF FIFTH FIVE YEAR REMEDY REVIEW AT SAVANNAH RIVER SITE FIFTH PHASE: SAVANNAH          | SRNS         |                       |
| ✚021640     | 05/18/20 | WSRC-OS-94-42   | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT CHANGES DATED 05/18/2018: REVISION 0 APPENDIX E FOR FISCAL YEAR 2018, LONG-TERM PROJECTIONS (PRINT DATE: 11/03/2017, UPDATED 5/18/2018), APPENDIX L STATEMENTS OF DISPUTE  | SRNS         | DISTRIBUTION          |
| ✚021655     | 05/17/20 | 021655          | 10693   | SCDHEC CONDITIONAL APPROVAL LETTER FOR THE FACILITY DECOMMISSIONING EVALUATION (FDE): BY-PRODUCT PURIFICATION FACILITY, BUILDING 236-H, G-FDE-H-00005, REVISION 0, MARCH 21, 2018 (COVER LETTER DATED APRIL 10, 2018)     | G. O'QUINN   | B. HENNESSEY          |
| ✚021661     | 06/01/20 | 021661          | 10693   | SCDHEC APPROVAL OF THE SAVANNAH RIVER SITE INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN, APPENDICES A, B, AND C (WSRC-RP-94-1227, REVISION 9E, FEBRUARY 2018) RECEIVED MAY 3, 2018                                         | S. FULMER    | A. MEYER              |
| ✚021682     | 06/07/20 | WSRC-OS-94-42   | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT CHANGES DATED 06/07/2018: REVISION 0 APPENDICES E.1 AND E.3 FOR FISCAL YEAR 2018, LONG-TERM PROJECTIONS (PRINT DATE: 11/03/2017, UPDATED 06/07/2018) AND RECORD OF         | SRNS         | DISTRIBUTION          |
| ✚021683     | 04/04/20 | WSRC-OS-94-42   | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT (UPDATED 6/7/2018)- (FFA) REVISION 1 APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2014 (PRINT DATE: 4/4/2014) AND SAVANNAH RIVER SITE'S RESPONSES TO THE REGULATORY   | SRNS         | DISTRIBUTION          |
| ✚021706     | 07/19/20 | IACD-18-164     | 10693   | DOE SUBMITTAL FOR THE FISCAL YEAR (FY) 2018 BUDGET ADVICE OF ALLOTMENT FOR ENVIRONMENTAL COMPLIANCE AND AREA COMPLETION PROJECTS AND FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX D FOR FY2018 (PRINT DATE: 07/05/2018) | B. HENNESSEY | J. Richards S. Fulmer |
| ✚021708     | 07/01/20 | ERD-EN-2017-007 | 10693   | SAVANNAH RIVER SITE FACT SHEET: FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SRS OPERABLE UNITS WITH OPERATING EQUIPMENT (ERD-EN-2017-0076, JULY 2018) (REDLINE PAGES)                                                        | SRNS         |                       |
| ✚021728     | 08/03/20 | SRNS-OS-2018-00 | 10693   | EPA APPROVAL FOR THE FISCAL YEAR (FY) 2018 BUDGET ADVICE OF ALLOTMENT FOR ENVIRONMENTAL COMPLIANCE AND AREA COMPLETION PROJECTS AND FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX D FOR FY2018, JULY 19, 2018, SAVANNAH  | J. RICHARDS  | B. HENNESSEY          |
| ✚021731     | 08/02/20 | SRNS-OS-2018-00 | 10693   | SCDHEC CONDITIONAL APPROVAL FOR THE FISCAL YEAR (FY) 2018 BUDGET ADVICE OF ALLOTMENT FOR ENVIRONMENTAL COMPLIANCE AND AREA COMPLETION PROJECTS AND FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX D FOR FY2018            | S. FULMER    | B. HENNESSEY          |
| ✚021745     | 03/07/20 | 021745          | 10693   | NEWSPAPER ADVERTISEMENT- THE AUGUSTA CHRONICLE AFFIDAVIT OF PUBLICATION FOR NOTICE OF DOE REQUESTS TEMPORARY AUTHORIZATION TO MODIFY THE CORRECTIVE ACTION SYSTEM AT THE M-AREA HAZARDOUS WASTE                           | SRNS         |                       |
| ✚021747     | 03/07/20 | 021747          | 10693   | NEWSPAPER ADVERTISEMENT - THE AUGUSTA CHRONICAL AFFIDAVIT OF PUBLICATION OF NOTICE OF PUBLIC AVAILABILITY THIRD PHASE: FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH                   | SRNS         |                       |
| ✚021748     | 03/07/20 | 021748          | 10693   | NEWSPAPER ADVERTISEMENT - THE AUGUSTA CHRONICAL AFFIDAVIT OF PUBLICATION FOR NOTICE OF PUBLIC NOTICE FINDING OF NO SIGNIFICANT IMPACT FOR THE FINAL ENVIROMENTAL ASSESSMENT (EA) FOR THE ACCETANCE AND                    | SRNS         |                       |
| ✚021753     | 05/27/20 | 021753          | 10693   | NEWSPAPER ADVERTISEMENT - THE STATE AFFIDAVIT OF PUBLICATION FOURTH PHASE: FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GEOSYNTHETIC OR STABILIZATION/SOLIDIFICATION COVER            | SRNS         |                       |

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| ✚021755     | 03/26/20 | 021755      | 10693   | NEWSPAPER ADVERTISEMENT - THE PEOPLE SENTINEL AFFIDAVIT OF PUBLICATION FOURTH PHASE: FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GEOSYNTHETIC OR STABILIZATION/SOLIDIFICATION                                                     | SRNS         |                         |
| ✚021756     | 03/27/20 | 021756      | 10693   | NEWSPAPER ADVERTISEMENT - THE AUGUSTA CHRONICLE AFFIDAVIT OF PUBLICATION FOR FOURTH PHASE: FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GEOSYNTHETIC OR                                                                            | SRNS         |                         |
| ✚021757     | 05/30/20 | 021757      | 10693   | NEWSPAPER ADVERTISEMENT - THE AIKEN STANDARD AFFIDAVIT OF PUBLICATION FOR SOLVENT STORAGE TANKS (SSTs) S33-S36 RESOURCE CONSERVATION AND RECOVERY ACT PERMIT VOLUME XXV REVISION REQUEST (CURRENT PERMIT                                                               | SRNS         |                         |
| ✚021759     | 05/30/20 | 021759      | 10693   | NEWSPAPER ADVERTISEMENT - THE AIKEN STANDARD AFFIDAVIT OF PUBLICATION FOR ACTION MEMORANDUM AND RESPONSIVENESS SUMMARY ISSUED FOR THE NON-TIME CRITICAL REMOVAL ACTION FOR THE C-AREA GROUNDWATER OPERABLE                                                             | SRNS         |                         |
| ✚021762     | 05/30/20 | 021762      | 10693   | NEWSPAPER ADVERTISEMENT - THE AUGUSTA CHRONICLE AFFIDAVIT OF PUBLICATION FOR SOLVENT STORAGE TANKS (SSTs) S33-S36 RESOURCE                                                                                                                                             | SRNS         |                         |
| ✚021764     | 02/21/20 | 021764      | 10693   | CONSERVATION AND RECOVERY ACT PERMIT VOLUME XXV REVISION REQUEST NEWSPAPER ADVERTISEMENT - THE STATE AFFIDAVIT OF PUBLICATION FOR NOTICE OF PUBLIC NOTICE ON DOE REQUESTS TEMPORARY AUTHORIZATION TO MODIFY THE CORRECTIVE ACTION SYSTEM AT THE M-AREA HAZARDOUS WASTE | SRNS         |                         |
| ✚021765     | 02/21/20 | 021765      | 10693   | NEWSPAPER ADVERTISEMENT - THE STATE AFFIDAVIT OF PUBLICATION FOR NOTICE OF PUBLIC NOTICE: FINDING OF NO SIGNIFICANT IMPACT FOR THE FINAL ENVIROMENTAL ASSESSMENT (EA) FOR THE ACCEPTANCE AND DISPOSITION OF                                                            | SRNS         |                         |
| ✚021766     | 02/21/20 | 021766      | 10693   | NEWSPAPER ADVERTISEMENT - THE STATE AFFIDAVIT OF PUBLICATION FOR NOTICE OF PUBLIC AVAILABILITY THIRD PHASE: FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH ENGINEERED COVER SYSTEMS                                                  | SRNS         |                         |
| ✚021767     | 02/21/20 | 021767      | 10693   | NEWSPAPER ADVERTISEMENT - THE STATE AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: NOTICE OF PROPOSED FLOODPLAIN AND WETLAND ACTION AT THE SAVANNAH RIVER SITE                                                                                                            | SRNS         |                         |
| ✚021768     | 02/21/20 | 021768      | 10693   | NEWSPAPER ADVERTISEMENT - AIKEN STANDARD AFFIDAVIT OF PUBLICATION OF PUBLIC NOTICE: NOTICE OF PROPOSED FLOODPLAIN AND WETLAND ACTION AT THE SAVANNAH RIVER SITE                                                                                                        | SRNS         |                         |
| ✚021769     | 02/21/20 | 021768      | 10693   | NEWSPAPER ADVERTISEMENT - AIKEN STANDARD AFFIDAVIT OF PUBLICATION PUBLIC NOTICE: FINDING OF NO SIGNIFICANT IMPACT FOR THE FINAL ENVIRONMENTAL ASSESSMENT (EA) FOR THE ACCEPTANCE AND DISPOSITION OF SPENT NUCLEAR                                                      | SRNS         |                         |
| ✚021772     | 02/21/20 | 021772      | 10693   | NEWSPAPER ADVERTISEMENT - THE PEOPLE SENTINEL AFFIDAVIT OF PUBLICATION FOR NOTICE OF PUBLIC AVAILABILITY THIRD PHASE FIFTH FIVE-YEARREMEDY REVIEW REPORT FOR THE SAVANNAH RIVER SITE OPERABLE UNITS WITH ENGINEERED COVER                                              | SRNS         |                         |
| ✚021775     | 02/21/20 | 021775      | 10693   | NEWSPAPER ADVERTISEMENT - THE PEOPLE SENTINEL AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: FINDING OF NO SIGNIFICANT IMPACT FOR THE FINAL ENVIRONMENTAL (EA) FOR THE ACCEPTANCE AND DISPOSITION OF SPENT NUCLEAR                                                        | SRNS         |                         |
| ✚021799     | 09/17/20 | 021799      | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT CHANGES DATED 09/17/2018: REVISION 0 APPENDIX E: FISCAL YEAR 2018 LONG-TERM PROJECTIONS (PRINT DATE:11/03/2017, UPDATED 09/14/2018) AND RECORD OF MODIFICATIONS TO THE                                                  | SRNS         | DISTRIBUTION            |
| ✚021803     | 09/26/20 | IACD-18-178 | 10693   | DOE SUBMITTAL OF THE U.S. DEPARTMENT OF ENERGY SIGNED FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH OPERATING EQUIPMENT (U) AIKEN, SOUTH CAROLINA (SRNS-RP-2017-00567, REVISION                                                     | B. HENNESSEY | J.RICHARDS;<br>S.FULMER |



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| ✚021804     | 07/01/20 | ERD-EN-2017-007 | 10693   | SAVANNAH RIVER SITE FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH OPERATING EQUIPMENT FACT SHEET                                                                                           | SRNS         |                                         |
| ✚021805     | 07/01/20 | SRNS-RP-2017-00 | 10693   | U.S. DEPARTMENT OF ENERGY SIGNED FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH OPERATING EQUIPMENT (U)                                                                                     | SRNS         |                                         |
| ✚021813     | 09/28/20 | IACD-18-180     | 10693   | AIKEN, SOUTH CAROLINA (SRNS-RP-2017-00567, REVISION 1, JULY 2018)<br>DOE SUBMITTAL OF FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX H SOLID WASTE MANAGEMENT UNITS FOR FISCAL YEAR 2019 (PRINT DATE: 09/21/2018)             | B. HENNESSEY | J. RICHARDS;<br>S. FULMER               |
| ✚021818     | 10/03/20 | 021818          | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT CHANGES DATED 10/04/2018: REVISION 0 APPENDIX D FOR FISCAL YEAR 2018 (PRINT DATE:07/05/2018, UPDATED 10/03/2018) REVISION 0 APPENDIX E: FISCAL YEAR 2018 LONG-TERM PROJECTIONS | SRNS         | DISTRIBUTION                            |
| ✚021827     | 10/15/20 | SRNS-OS-2018-00 | 10693   | SCDHEC SUBMITTAL OF THE FOR SIGNATURE FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH OPERATING EQUIPMENT (U) - AIKEN, SOUTH CAROLINA (SRNS-RP-2017-00567, REVISION 1, JULY 2018)            | S. FULMER    | J. RICHARDS                             |
| 021836      | 10/31/20 | SRNS-RP-2018-01 | 10693   | ADMINISTRATIVE RECORD FILE/INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE SRNS-RP-2018-01056 NOVEMBER 2018                                                                                                                 | S. MCFALLS   | SCDHEC,EPA                              |
| ✚021855     | 11/15/20 | IACD-19-108     | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2019 (PRINT DATE: 10/26/2018)                                                                                    | B. HENNESSEY | J.<br>RICHARDS,S.<br>FULMER             |
| ✚021856     | 11/19/20 | IACD-19-105     | 10693   | DOE SUBMITTAL LETTER OF THE FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 2018 (SRNS-RP-2018-00810, NOVEMBER 2018)                                                                                        | B. HENNESSEY | J.<br>RICHARDS,S.<br>FULMER             |
| ✚021857     | 11/01/20 | SRNS-RP-2018-00 | 10693   | FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 2018 (SRNS-RP-2018-00810, NOVEMBER 2018)                                                                                                                    | SRNS         |                                         |
| ✚021861     | 07/01/20 | SRNS-RP-2017-00 | 10693   | THREE PARTY SIGNED FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH OPERATING EQUIPMENT (U) AIKEN, SOUTH CAROLINA (SRNS-RP-2017-00567, REVISION 1, JULY 2018)                                 | SRNS         |                                         |
| ✚021863     | 11/26/20 | SRNS-J2000-2018 | 10693   | READING ROOM STATEMENT OF BASIS/PROPOSED PLAN FOR THE G-AREA OIL SEEPAGE BASIN (GOSB) (761-13G) OPERABLE UNIT (OU) (U), SEMS NUMBER: 93, SRNS-RP-2018-00460, REVISION 1, OCTOBER 2018                                         | L. BARKLEY   | M. KREIN,F.<br>VERBURG,B.<br>SUDDUTH,M. |
| ✚021879     | 12/05/20 | ERD-EN-2018-005 | 10693   | THE SAVANNAH RIVER SITE ENVIRONMENTAL BULLETIN FOR THE NOTICE OF PUBLIC AVAILABILITY FOR THE FIFTH PHASE: FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH OPERATING EQUIPMENT (VOLUME 30,    | SRNS         |                                         |
| ✚021890     | 12/01/20 | SRNS-RP-2018-00 | 10693   | SIXTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH NATIVE SOIL COVERS AND/OR LAND USE CONTROLS (U)                                                                                              | SRNS         |                                         |
| ✚021892     | 12/01/20 | ERD-EN-2018-005 | 10693   | SAVANNAH RIVER SITE FACT SHEET: SIXTH FIVE-YEAR REMEDY REVIEW REPORT FOR SRS OPERABLE UNITS WITH NATIVE SOIL COVERS AND/OR LAND USE CONTROLS (ERD-EN-2018-0057, DECEMBER 2018)                                                | SRNS         |                                         |
| ✚021893     | 08/01/20 | ERD-EN-2018-003 | 10693   | SCOPING SUMMARY FOR THE SIXTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH NATIVE SOIL COVERS AND/OR LAND USE CONTROLS (U) (ERD-EN-2018-0038, FINAL, AUGUST 2018)                               | SRNS         |                                         |

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| ✚021896     | 01/03/20 | 021896                                    | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT CHANGES DATED 01/03/2019 REVISION 0 APPENDIX E: FISCAL YEAR 2018 LONG-TERM PROJECTIONS (PRINT DATE: 11/03/2017, UPDATED 01/03/2019) AND RECORD OF MODIFICATIONS TO THE FEDERAL                                                      | SRNS         | DISTRIBUTION          |
| ✚021898     | 01/03/20 | 021898                                    | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT CHANGES DATED 01/03/2019: RECORD OF MODIFICATIONS TO THE FEDERAL FACILITY AGREEMENT FOR THE                                                                                                                                         | SRNS         | DISTRIBUTION          |
| ✚021899     | 01/15/20 | SRNS-J2000-2019                           | 10693   | SAVANNAH RIVER SITE PAGES 27-28<br>SRNS SUBMITTAL OF SAVANNAH RIVER SITE INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN, APPENDICES A, B, AND C (WSRC-RP-94-1227, REDLINE REVISION 9F, DECEMBER 2018)                                                                                 | A. MEYER     | S. FULMER             |
| ✚021900     | 12/01/20 | WSRC-RP-94-1227<br>REDLINE<br>REVISION 9F | 10693   | SAVANNAH RIVER SITE INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN, APPENDICES A, B, AND C (WSRC-RP-94-1227, REDLINE REVISION 9F, DECEMBER 2018)                                                                                                                                      | SRS          |                       |
| ✚021927     | 02/06/20 | SRNS-OS-2019-0C                           | 10693   | EPA APPROVAL FOR THE FEDERAL FACILITY AGREEMENT REV 0 APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR 2019, OCT 26, 2018, SAVANNAH RIVER SITE, AIKEN, SOUTH CAROLINA                                                                                                             | J. RICHARDS  | B. HENNESSEY          |
| ✚021928     | 02/06/20 | SRNS-OS-2019-0C                           | 10693   | EPA APPROVAL FOR THE FEDERAL FACILITY AGREEMENT REV 0 APPENDIX C RCRA/CERCLA UNITS, REV 0 APPENDIX G SITE EVALUATION AREAS, AND REV 0                                                                                                                                              | J. RICHARDS  | B. HENNESSEY          |
| ✚021930     | 02/07/20 | SRNS-OS-2019-0C                           | 10693   | APPENDIX K D&D FACILITIES FOR FISCAL YEAR 2019, SEPT 21, 2018, SAVANNAH RIVER EPA APPROVAL FOR THE FEDERAL FACILITY AGREEMENT REV 0 APPENDIX H, SOLID WASTE MANAGEMENT UNITS FOR FISCAL YEAR 2019, SEPT 21, 2018, SAVANNAH RIVER SITE, AIKEN, SOUTH CAROLINA                       | J. RICHARDS  | B. HENNESSEY          |
| ✚021942     | 02/15/20 | 021942                                    | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT CHANGES DATED 02/15/2019: REVISION 0 APPENDIX C FOR FISCAL YEAR 2019 (PRINT DATE: 09/21/2018), REVISION 0                                                                                                                           | SRNS         | DISTRIBUTION          |
| ✚021943     | 02/12/20 | SRNS-OS-2019-0C                           | 10693   | APPENDIX E: FISCAL YEAR 2019 LONG TERM PROJECTIONS (PRINT DATE: 10/26/2018, SCDHEC COMMENTS ON THE SUBMITTAL OF SAVANNAH RIVER SITE INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN, APPENDICES A, B, AND C (WSRC-RP-94-1227, REDLINE REVISION 9F, DECEMBER 2018) RECEIVED JANUARY 16, | S. FULMER    | A. MEYER              |
| ✚021950     | 02/22/20 | SRNS-OS-2019-0C                           | 10693   | EPA APPROVAL FOR THE ADMINISTRATIVE RECORD FILE / INFORMATION REPOSITORY FILE ANNUAL INDICIES UPDATE (SRNS-RP-2018-01056), NOVEMBER 2018, SAVANNAH RIVER SITE, AIKEN, SOUTH CAROLINA                                                                                               | J. RICHARDS  | B. HENNESSEY          |
| ✚021977     | 03/13/20 | IACD-19-129                               | 10693   | DOE SUBMITTAL OF THE FISCAL YEAR (FY) 2019 BUDGET ADVICE OF ALLOTMENT FOR ENVIRONMENTAL COMPLIANCE & AREA COMPLETION PROJECTS AND FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX D FOR FY2019 (PRINT DATE: 02/20/2019)                                                             | B. HENNESSEY | J. RICHARDS,S. FULMER |
| ✚021980     | 03/07/20 | SRNS-OS-2019-0C                           | 10693   | SCDHEC SUBMITTAL OF A THIRTY DAY EXTENSION NOTIFICATION FOR THE SIXTH FIVE-YEAR REMEDY REVIEW FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH NATIVE SOIL COVERS AND/OR LAND USE CONTROLS (U) - AIKEN, SOUTH CAROLINA                                                                  | S. FULMER    | B. HENNESSEY          |
| ✚021997     | 03/28/20 | SRNS-OS-2019-0C                           | 10693   | EPA COMMENTS FOR THE SIXTH FIVE-YEAR REMEDY REVIEW REPORT FOR SRS OPERABLE UNITS WITH NATIVE SOIL COVERS (U), [SRNS-RP-2018-00811], REV 0, DECEMBER 2018, & THE FACT SHEET [ERD-EN-2018-0057] & SCOPING SUMMARY                                                                    | J. RICHARDS  | B. HENNESSEY          |
| ✚022004     | 04/02/20 | SRNS-OS-2019-0C                           | 10693   | SCDHEC COMMENTS ON THE SIXTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH NATIVE SOIL COVERS AND/OR LAND USE CONTROLS (U) - AIKEN, SOUTH CAROLINA (SRNS-RP-2018-00811, REVISION 0,                                                                   | S. FULMER    | B. HENNESSEY          |
| ✚022005     | 04/08/20 | SRNS-OS-2019-0C                           | 10693   | EPA CONDITIONAL APPROVAL FOR THE FISCAL YEAR (FY) 2019 BUDGET ADVICE OF ALLOTMENT FOR ENVIRONMENTAL COMPLIANCE & AREA COMPLETION PROJECTS AND FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX D FOR FY2019 (DATED                                                                   | J. RICHARDS  | B. HENNESSEY          |

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| ✚022011     | 09/06/20 | ER-IDS-019-010 | 10693   | A-AREA BURNING/RUBBLE PITS (731-A AND 731-1A) AND RUBBLE PIT (731-2A) AND A-AREA ASH PILE (788-2A) FIELD INSPECTION CHECKLIST | SRNS   |           |
| ✚022012     | 01/22/20 | ER-IDS-019-029 | 10693   | A-AREA MISCELLANEOUS RUBBLE PILE OPERABLE UNIT (731-6A) FIELD INSPECTION CHECKLIST                                            | SRNS   |           |
| ✚022013     | 05/24/20 | ER-IDS-109-016 | 10693   | C-AREA BURNING RUBBLE PIT (BLDG 131-C) FIELD INSPECTION CHECKLIST                                                             | SRNS   |           |
| ✚022014     | 04/03/20 | ER-IDS-019-013 | 10693   | C-Reactor Seepage Basin (Bldgs. 904-66G, 904-67G And 904-68G) Field Inspection Checklist                                      | SRNS   |           |
| ✚022015     | 10/24/20 | ER-IDS-019-031 | 10693   | CENTRAL SHOPS BURNING RUBBLE PITS OPERABLE UNITS (BLDGS. 631-1G AND 631-3G) FIELD INSPECTION CHECKLIST                        | SRNS   |           |
| ✚022016     | 05/29/20 | ER-IDS-019-062 | 10693   | CHEMICAL, METAL, AND PESTICIDE PITS (CMPP) FIELD INSPECTION CHECKLIST                                                         | SRNS   |           |
| ✚022017     | 04/09/20 | ER-IDS-019-060 | 10693   | EARLY ACTION LAND USE CONTROL IMPLEMENTATION PLAN AT C-AREA REACTOR BUILDING COMPLEX FIELD INSPECTION CHECKLIST               | SRNS   |           |
| ✚022018     | 12/21/20 | ER-IDS-041     | 10693   | D-AREA ASH BASIN (DAB) (488-D) FIELD INSPECTION CHECKLIST                                                                     | SRNS   |           |
| ✚022019     | 05/02/20 | ER-IDS-019-077 | 10693   | D-AREA ASH BASIN (488-2D) AND ASH LANDFILL (488-4D) INTERIM FIELD INSPECTION CHECKLIST                                        | SRNS   |           |
| ✚022020     | 08/07/20 | ER-IDS-019-077 | 10693   | D-AREA ASH BASIN (488-2D) AND ASH LANDFILL (488-D) INTERIM FIELD INSPECTION                                                   | SRNS   |           |
| ✚022021     | 11/12/20 | ER-IDS-019-077 | 10693   | D-AREA ASH BASIN (488-2D) AND ASH LANDFILL (488-4D) INTERIM FIELD INSPECTION CHECKLIST                                        | SRNS   |           |
| ✚022022     | 07/16/20 | ER-IDS-019-003 | 10693   | D-AREA BURNING/RUBBLE PITS (BLDGS 431-D AND 431-1D) FIELD INSPECTION CHECKLIST                                                | SRNS   |           |
| ✚022024     | 06/15/20 | ER-IDS-019-071 | 10693   | D-AREA BUBBLE TOWER COVER FIELD INSPECTION CHECKLIST                                                                          | SRNS   |           |
| ✚022028     | 09/24/20 | ER-IDS-019-069 | 10693   | D-AREA ASBESTOS PIT (80-20G) FIELD INSPECTION CHECKLIST                                                                       | SRNS   |           |
| ✚022029     | 06/19/20 | ER-IDS-019-072 | 10693   | EARLY ACTION D-AREA OPERABLE UNIT (EADAOU) FIELD INSPECTION CHECKLIST                                                         | SRNS   |           |

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| ✚022030     | 12/11/20 | ER-IDS-019-038 | 10693   | INSPECTION DATA SHEET FIELD INSPECTION CHECKLIST FOR D-AREA RUBBLE PIT (DRP) (U)                             | SRNS   |           |
| ✚022032     | 12/20/20 | ER-IDS-019-038 | 10693   | D-AREA RUBBLE PIT (DRP) FIELD INSPECTION CHECKLIST                                                           | SRNS   |           |
| ✚022033     | 04/27/20 | ER-IDS-019-009 | 10693   | F-AREA RETENTION BASIN (BLDG. 381-3F) FIELD INSPECTION CHECKLIST                                             | SRNS   |           |
| ✚022034     | 01/04/20 | ER-IDS-019-019 | 10693   | F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDGS. 904-41G, 904-42G, 904-43G) FIELD INSPECTION CHECKLIST     | SRNS   |           |
| ✚022035     | 02/01/20 | ER-IDS-019-019 | 10693   | F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDGS. 904-41G, 904-42G, 904-43G) FIELD INSPECTION CHECKLIST     | SRNS   |           |
| ✚022036     | 03/20/20 | ER-IDS-019-019 | 10693   | F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDGS. 904-41G, 904-42G, 904-43G) FIELD INSPECTION CHECKLIST     | SRNS   |           |
| ✚022037     | 04/10/20 | ER-IDS-019-019 | 10693   | F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDGS. 904-41G, 904-42G, 904-43G) FIELD INSPECTION CHECKLIST     | SRNS   |           |
| ✚022038     | 07/03/20 | ER-IDS-019-019 | 10693   | F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDGS. 904-41G, 904-42G, 904-43G) FIELD INSPECTION CHECKLIST     | SRNS   |           |
| ✚022039     | 10/05/20 | ER-IDS-019-019 | 10693   | F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDGS. 904-41G, 904-42G, AND 904-43G) FIELD INSPECTION CHECKLIST | SRNS   |           |
| ✚022040     | 06/19/20 | ER-IDS-019-072 | 10693   | EARLY ACTION D-AREA OPERABLE UNIT (EADAOU) FILED INSPECTION CHECKLIST                                        | SRNS   |           |
| ✚022041     | 12/20/20 | ER-IDS-019-038 | 10693   | D-AREA RUBBLE PIT (DRP) FIELD INSPECITON CHECKLIST                                                           | SRNS   |           |
| ✚022043     | 04/27/20 | ER-IDS-019-009 | 10693   | F-AREA RETENTION BASIN (BLDG. 381-3F) FIELD INSPECTION CHECKLIST                                             | SRNS   |           |
| ✚022044     | 07/03/20 | ER-IDS-019-019 | 10693   | F-AREA HAZARDOUS WASTE MANAGEMETN FACILITY (BLDGS. 904-41G,904-42G AND 904-43G) FIELD INSPECTION CHECKLIST   | SRNS   |           |
| ✚022045     | 03/20/20 | ER-IDS-019-019 | 10693   | F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDGS. 904-41G, 904-42G AND 904-43G) FIELD INSPECTION CHECKLIST  | SRNS   |           |
| ✚022047     | 10/05/20 | ER-IDS-019-019 | 10693   | F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDS 904-41G, 904-42G AND 904-43G) FIELD INSPECTION CHECKLIST    | SRNS   |           |

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| ✚022048     | 12/18/20 | ER-IDS-019-024 | 10693   | FORD BUILDING SEEPAGE BASIN OPERABLE UNIT (BLDG 904-91G) FIELD INSPECTION CHECKLIST                                                               | SRNS   |           |
| ✚022049     | 05/25/20 | ER-IDS-019-070 | 10693   | GUN SITE 012 OPERABLE UNIT FIELD INSPECTION CHECKLIST                                                                                             | SRNS   |           |
| ✚022050     | 02/07/20 | ER-IDS-019-037 | 10693   | H-AREA INACTIVE PROCESS SEWER FIELD INSPECTION CHECKLIST                                                                                          | SRNS   |           |
| ✚022051     | 03/12/20 | ER-IDS-019-037 | 10693   | H-AREA INACTIVE PROCESS SEWER FIELD INSPECTION CHECKLIST                                                                                          | SRNS   |           |
| ✚022052     | 04/26/20 | ER-IDS-019-037 | 10693   | H-AREA INACTIVE PROCESS SEWER FIELD INSPECTION CHECKLIST                                                                                          | SRNS   |           |
| ✚022053     | 07/10/20 | ER-IDS-019-037 | 10693   | H-AREA INACTIVE PROCESS SEWER FIELD INSPECTION CHECKLIST                                                                                          | SRNS   |           |
| ✚022054     | 10/15/20 | ER-IDS-019-037 | 10693   | H-AREA INACTIVE PROCESS SEWER FIELD INSPECTION CHECKLIST                                                                                          | SRNS   |           |
| ✚022056     | 02/16/20 | ER-IDS-019-021 | 10693   | H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDGS. 904-44G, 904-45G, 904-46G AND 904-56G) FIELD INSPECTION CHECKLIST                              | SRNS   |           |
| ✚022057     | 03/21/20 | ER-IDS-019-021 | 10693   | H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDGS. 904-44G, 904-45G, 904-46G AND 904-56G) FIELD INSPECTION CHECKLIST                              | SRNS   |           |
| ✚022058     | 04/20/20 | ER-IDS-019-021 | 10693   | H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDS 904-44G, 904-45G, 904-46G AND 904-56G) FIELD INSPECTION CHECKLIST                                | SRNS   |           |
| ✚022059     | 04/20/20 | ER-IDS-019-021 | 10693   | H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDGS 904-44G, 904-45G, 904-46G AND 904-56G) FIELD INSPECTION CHECKLIST                               | SRNS   |           |
| ✚022062     | 06/18/20 | ER-IDS-019-056 | 10693   | HEAVY WATER COMPONENT TEST REACTOR (HWCTR) (770U) FIELD INSPECTION CHECKLIST                                                                      | SRNS   |           |
| ✚022063     | 03/28/20 | ER-IDS-019-040 | 10693   | LOWER THREE RUNS INTEGRATED OPERABLE UNIT FOR FOUR PUBLIC ROAD CROSSING BETWEEN PATTERSON MILL ROAD AND SAVANNAH RIVER FIELD INSPECTION CHECKLIST | SRNS   |           |
| ✚022064     | 03/29/20 | ER-IDS-019-047 | 10693   | TAIL PORTION OF LOWER THREE RUNS (LTR) INTEGRATED OPERABLE UNIT (IOU) PATTERSON MILL ROAD TO SAVANNAH RIVER FIELD INSPECTION CHECKLIST            | SRNS   |           |
| ✚022065     | 04/12/20 | ER-IDS-019-049 | 10693   | SAVANNAH RIVER AT THE MOUTH OF EACH CREEK FIELD INSPECTION CHECKLIST                                                                              | SRNS   |           |

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| ✚022071     | 02/22/20 | ER-IDS-019-023 | 10693   | INTERIM SANITARY LANDFILL (BLDG 740-10G) FIELD INSPECITON CHECKLIST                                             | SRNS   |           |
| ✚022072     | 05/03/20 | ER-IDS-019-023 | 10693   | INTERIM SANITARY LANDFILL (BLDG 740-10G) FIELD INSPECTION CHECKLIST                                             | SRNS   |           |
| ✚022073     | 08/10/20 | ER-IDS-019-023 | 10693   | INTERMIN SANITARY LANDFILL (BLDG 740-10G) FIELD INSPECTION CHECKLIST                                            | SRNS   |           |
| ✚022074     | 11/09/20 | ER-IDS-019-023 | 10693   | INTERIM SANITARY LANDFILL (BLDG 740-10G) FIELD INSPECTION CHECKLIST                                             | SRNS   |           |
| ✚022075     | 07/26/20 | ER-IDS-019-004 | 10693   | K-AREA BINGHAM PUMP OUTAGE PIT (BLDG 643-1G) FIELD INSPECTION CHECKLIST                                         | SRNS   |           |
| ✚022076     | 01/12/20 | ER-IDS-019-015 | 10693   | K-AREA BURNING/RUBBLE PIT (BLDG 131-K) AND RUBBLE PILE (BLDG 631-20G) FIELD INSPECTION CHECKLIST                | SRNS   |           |
| ✚022077     | 04/04/20 | ER-IDS-019-012 | 10693   | K-AREA REACTOR SEEPAGE BASIN (BLDG 904-65G) FIELD INSPECTION CHECKLIST                                          | SRNS   |           |
| ✚022078     | 09/26/20 | ER-IDS-019-058 | 10693   | EARLY ACTION LAND USE CONTROL IMPLEMENTATION PLAN AT K-AREA REACTOR BUILDING COMPLEX FIELD INSPECTION CHECKLIST | SRNS   |           |
| ✚022079     | 08/14/20 | ER-IDS-019-005 | 10693   | L-AREA BINGHAM PUMP OUTAGE PITS (BLDGS 643-2G AND 643-3G) FIELD INSPECTION CHECKLIST                            | SRNS   |           |
| ✚022080     | 10/26/20 | ER-IDS-019-053 | 10693   | L-AREA EARLY CONSTRUCTION AND OPERATIONAL DISPOSAL SITE (ECODS) L-1 OPERABLE UNIT FIELD INSPECTION CHECKLIST    | SRNS   |           |
| ✚022081     | 09/07/20 | ER-IDS-019-007 | 10693   | L-AREA OIL CHEMICAL BASIN (BLDG 904-83G) FIELD INSPECTION CHECKLIST                                             | SRNS   |           |
| ✚022082     | 09/26/20 | ER-IDS-019-059 | 10693   | EARLY ACTION LAND USE CONTROL IMPLEMENTATION PLAN AT L AREA REACTOR BUILDING COMPLEX FIELD INSPECTION CHECKLIST | SRNS   |           |
| ✚022083     | 04/24/20 | ER-IDS-019-057 | 10693   | M-AREA OPERABLE UNIT (MAOU) FIELD INSPECTION CHECKLIST                                                          | SRNS   |           |
| ✚022084     | 05/23/20 | ER-IDS-019-022 | 10693   | M-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDG 904-51G) FIELD INSPECTION CHECKLIST                            | SRNS   |           |
| ✚022085     | 08/20/20 | ER-IDS-019-022 | 10693   | M-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDG 904-51G) FIELD INSPECTION CHECKLIST                            | SRNS   |           |

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| ✚022087     | 09/18/20 | ER-IDS-019-050 | 10693   | M-AREA INACTIVE PROCESS SEWER LINE (MIPSL) OPERABLE UNIT 081-M FIELD INSPECTION                                                                    | SRNS   |           |
| ✚022088     | 08/22/20 | ER-IDS-019-020 | 10693   | METALLURGICAL LABORATORY HAZARDOUS WASTE MANAGEMENT FACILITY (HWMF) POST CLOSURE FIELD INSPECTION CHECKLIST                                        | SRNS   |           |
| ✚022089     | 05/18/20 | ER-IDS-019-020 | 10693   | METALLURGICAL LABORATORY HAZARDOUS WASTE MANAGEMETN FACILITY (HWMF) POST CLOSURE FIELD INSPECTION CHECKLIST                                        | SRNS   |           |
| ✚022090     | 08/24/20 | ER-IDS-019-020 | 10693   | METALLURGICAL LABORATORY HAZARDOUS WASTE MANAGEMETN FACILITY (HWMF) POST CLOSURE FIELD INSPECTION CHECKLIST                                        | SRNS   |           |
| ✚022091     | 11/16/20 | ER-IDS-019-020 | 10693   | METALLURGICAL LABORATORY HAZARDOUS WASTE MANAGEMENT FACILITY (HWMF) POST CLOSURE FIELD INSPECTION CHECKLIST                                        | SRNS   |           |
| ✚022092     | 06/22/20 | ER-IDS-019-014 | 10693   | MISCELLANEOUS CHEMICAL BASIN/METAL BURNING PIT (BLDGS 741-4A AND 731-5A) FIELD INSPECTION CHECKLIST                                                | SRNS   |           |
| ✚022093     | 05/09/20 | ER-IDS-019-018 | 10693   | MIXED WASTE MANAGEMENT FACILITY POST CLOSURE INSPECTION BLDG 643-28G AND LOW-LEVEL RADIOACTIVE WASTE DISPOSAL FACILITY FIELD INSPECTION CHECKLIST  | SRNS   |           |
| ✚022094     | 08/30/20 | ER-IDS-019-018 | 10693   | MIXED WASTE MANAGEMENT FACILITY POST CLOSURE INSPECTION BLDG 643-28G AND LOW-LEVEL RADIOACTIVE WASTE DISPOSAL FACILITY FIELD INSPECTION CHECKLIST  | SRNS   |           |
| ✚022095     | 11/28/20 | ER-IDS-019-018 | 10693   | MIXED WASTE MANAGEMENT FACILITY POST CLOSURE INSPECTION, BLDG 643-28E AND LOW-LEVEL RADIOACTIVE WASTE DISPOSAL FACILITY FIELD INSPECTION CHECKLIST | SRNS   |           |
| ✚022096     | 10/18/20 | ER-IDS-019-054 | 10693   | N-AREA EARLY CONSTRUCTION AND OPERATIONAL DISPOSAL SITE (ECODS) N-2 OPERABLE UNIT FIELD INSPECTION CHECKLIST                                       | SRNS   |           |
| ✚022097     | 08/17/20 | ER-IDS-019-008 | 10693   | OLD F-AREA SEEPAGE BASIN (BLDG 904-49G) FIELD INSPECTION CHECKLIST                                                                                 | SRNS   |           |
| ✚022099     | 03/22/20 | ER-IDS-019-061 | 10693   | P-AREA ASH BASIN AND P-007 OUTFALL FIELD INSPECTION CHECKLIST                                                                                      | SRNS   |           |
| ✚022100     | 08/03/20 | ER-IDS-019-006 | 10693   | P-AREA BINGHAM PUMP OUTAGE PIT (BLDG 643-4G) FIELD INSPECTION CHECKLIST                                                                            | SRNS   |           |
| ✚022101     | 06/20/20 | ER-IDS-019-030 | 10693   | P-AREA BURNING RUBBLE PIT (BLDG 131-P) FIELD INSPECTION CHECKLIST                                                                                  | SRNS   |           |
| ✚022102     | 07/17/20 | ER-IDS-019-055 | 10693   | P-AREA EARLY CONSTRUCTION AND OPERATIONAL DISPOSAL SITE (ECODS) P-2 OPERABLE UNIT FIELD INSPECTION CHECKLIST                                       | SRNS   |           |

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| ✚022104     | 07/18/20 | ER-IDS-019-066 | 10693   | P-AREA OPERABLE UNIT (PAOU) FIELD INSPECTION CHECKLIST                                                                        | SRNS   |           |
| ✚022105     | 12/17/20 | ER-IDS-019-035 | 10693   | P REACTOR SEEPAGE BASIN OPERABLE UNIT (BLDGS 904-61G, 904-62G AND 904-63G) FIELD INSPECTION CHECKLIST                         | SRNS   |           |
| ✚022106     | 06/14/20 | ER-IDS-019-026 | 10693   | R-BINGHAM PUMP OUTAGE PIT AND UNKNOWN PIUTS OPERABLE UNIT FIELD INSPECTION CHECKLIST                                          | SRNS   |           |
| ✚022109     | 10/27/20 | ER-IDS-019-036 | 10693   | R-AREA BURNING RUBBLE PITS AND RUBBLE PILE OPERABLE PIT REMEDIATION FIELD INSPECTION CHECKLIST                                | SRNS   |           |
| ✚022110     | 03/22/20 | ER-IDS-019-052 | 10693   | R-AREA EARLY CONSTRUCTION AND OPERATIONAL DISPOSAL SITES (ECODS) 1A, 1B, AND 1C OPERABLE UNIT FIELD INSPECTION CHECKLIST      | SRNS   |           |
| ✚022111     | 12/26/20 | ER-IDS-019-051 | 10693   | R-AREA OPERABLE UNIT ASH BASIN 188-R FIELD INSPECTION CHECKLIST                                                               | SRNS   |           |
| ✚022112     | 10/23/20 | ER-IDS-019-063 | 10693   | R-AREA OPERABLE UNIT REACTOR BUILDING AND DISASSEMBLY BASIN FIELD INSPECTION CHECKLIST                                        | SRNS   |           |
| ✚022113     | 07/24/20 | ER-IDS-019-064 | 10693   | R-AREA OPERABLE UNIT (RAOU) FIELD INSPECTION CHECKLIST                                                                        | SRNS   |           |
| ✚022115     | 02/26/20 | ER-IDS-019-028 | 10693   | SANITARY LANDFILL (BLDG 740-G) FIELD INSPECTION CHECKLIST                                                                     | SRNS   |           |
| ✚022116     | 11/15/20 | ER-IDS-019-028 | 10693   | SANITARY LANDFILL (BLDG 740-G) FIELD INSPECTION CHECKLIST                                                                     | SRNS   |           |
| ✚022120     | 07/20/20 | ER-IDS-019-001 | 10693   | SILVERTON ROAD WASTE UNIT (BLDG 731-3A) FIELD INSPECTION CHECKLIST                                                            | SRNS   |           |
| ✚022121     | 03/13/20 | ER-IDS-019-011 | 10693   | SAVANNAH RIVER LABORATORY SEEPAGE BASINS (BLDGS 904-53G1, 904-53G1, 904-53G2, 904-54G AND 904-55G) FIELD INSPECTION CHECKLIST | SRNS   |           |
| ✚022122     | 09/22/20 | ER-IDS-019-032 | 10693   | T-AREA OPERABLE UNIT (TAOU) FIELD INSPECTION CHECKLIST                                                                        | SRNS   |           |
| ✚022123     | 03/26/20 | ER-IDS-019-043 | 10693   | WARNER'S POND FIELD INSPECTION CHECKLIST                                                                                      | SRNS   |           |
| ✚022124     | 02/21/20 | ER-IDS-019-073 | 10693   | A-AREA ASH PILE (788-A) STABILITY FIELD INSPECTION CHECKLIST                                                                  | SRNS   |           |



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| ✚022126     | 03/06/20 | ER-IDS-019-075                            | 10693   | EARLY CONSTRUCTION AND OPERATIONAL DISPOSAL SITES (ECODS) C-1 C-AREA FIELD INSPECTION CHECKLIST                                                                                                                                   | SRNS      |                       |
| ✚022127     | 03/06/20 | ER-IDS-019-076                            | 10693   | OUTFALL C-03 C-AREA OPERABLE UNIT FIELD INSPECTION CHECKLIST                                                                                                                                                                      | SRNS      |                       |
| ✚022129     | 09/10/20 | 025500-1602                               | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL (PERMIT #025500-1602)                                                                                                                                          | SRNS      |                       |
| ✚022130     | 12/12/20 | 025500-1602                               | 10693   | QUARTERLY INSPECTION DATA SHEET FOR THE F AREA INDUSTRIAL LANDFILL (PERMIT 025500-1602)                                                                                                                                           | SRNS      |                       |
| ✚022134     | 06/21/20 | ER-IDS-019-025                            | 10693   | L-REACTOR SEEPAGE BASIN (BLDG 904-64G) FIELD INSPECTION CHECKLIST                                                                                                                                                                 | SRNS      |                       |
| ✚022135     | 09/23/20 | ER-IDS-109-067                            | 10693   | D-AREA COAL PILE RUNOFF BASIN (489-D NORTH) FIELD INSPECTION CHECKLIST                                                                                                                                                            | SRNS      |                       |
| ✚022152     | 05/01/20 | SRNS-J2000-2019                           | 10693   | SRNS SUBMITTAL OF THE SAVANNAH RIVER SITE INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN, APPENDICES A,B, AND C (WSRC-RP-94-1227,REDLINE REVISION 9G, APRIL 2019) AND SAVANNAH RIVER SITE'S RESPONSES TO THE REGULATORY              | A. MEYER  | J. RICHARDS,S. FULMER |
| ✚022153     | 04/11/20 | ER-IDS-019-037                            | 10693   | H-AREA INACTIVE PROCESS SEWER FIELD INSPECTION CHECKLIST                                                                                                                                                                          | SRNS      |                       |
| ✚022154     | 04/12/20 | ER-IDS-019-009                            | 10693   | F-AREA RETENTION BASIN (BLDG. 381-3F) FIELD INSPECTION CHECKLIST                                                                                                                                                                  | SRNS      |                       |
| ✚022156     | 04/01/20 | WSRC-RP-94-1227<br>REDLINE<br>REVISION 9G | 10693   | SRS INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN SAVANNAH RIVER SITE, REDLINE REVISION 9G                                                                                                                                          | SRS       |                       |
| ✚022157     | 04/23/20 | ER-IDS-019-021                            | 10693   | H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDGS. 904-44G, 904-45G, 904-46G AND 904-56G) FIELD INSPECTION CHECKLIST                                                                                                              | SRNS      |                       |
| ✚022158     | 04/23/20 | ER-IDS-019-057                            | 10693   | M-AREA OPERABLE UNIT (MAOU) FIELD INSPECTION CHECKLIST                                                                                                                                                                            | SRNS      |                       |
| ✚022159     | 04/16/20 | ER-IDS-019-074                            | 10693   | C-AREA REACTOR OPERABLE UNIT FIELD INSPECTION CHECKLIST                                                                                                                                                                           | SRNS      |                       |
| ✚022166     | 05/08/20 | WSRC-OS-94-42                             | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT CHANGES UPDATES TO APPENDICES D-1 TO D-4 (PRINT DATE: 02/20/2019, UPDATED 05/08/2019), APPENDICES E.1-1 TO E.1-4 (PRINT DATE: 10/26/2018, UPDATED 05/08/2019), APPENDICES E.2-1 TO | SRNS      |                       |
| ✚022188     | 05/29/20 | SRNS-OS-2019-00                           | 10693   | SCDHEC APPROVAL OF THE SUBMITTAL OF SAVANNAH RIVER SITE INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN, APPENDICES A, B, AND C (WSRC-RP-94-1227, REDLINE REVISION 9G, APRIL 2019) RECEIVED MAY 2, 2019                               | S. FULMER | A. MEYER              |

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| ✚022191     | 06/04/20 | SRNS-OS-2019-0C | 10693   | EPA APPROVAL: INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN, APP. A, B, & C (WSRC-RP-94-1227, REVISION 9G, APRIL 2019)                                                                                                     | J. RICHARDS  | B. HENNESSEY          |
| ✚022213     | 06/13/20 | ERD-EN-2019-002 | 10693   | THE SAVANNAH RIVER SITE ENVIRONMENTAL BULLETIN FOR THE REMOVAL SITE EVALUATION REPORT/ENGINEERING EVALUATION/COST ANALYSIS (RSER/EE/CA) FOR THE D-AREA COAL STORAGE AREA (484-17D) (U) AVAILABLE FOR PUBLIC COMMENT      | SRNS         |                       |
| ✚022222     | 06/18/20 | SRNS-J2000-2019 | 10693   | SRNS SUBMITTAL OF THE SAVANNAH RIVER SITE INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN, APPENDICES A, B, AND C (WSRC-RP-94-1227, REVISION 9G, APRIL 2019) (CLEAN COPY)                                                    | A. MEYER     | J. RICHARDS,S. FULMER |
| ✚022223     | 04/01/20 | WSRC-RP-94-122  | 10693   | SAVANNAH RIVER SITE INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN, APPENDICES A, B, AND C (WSRC-RP-94-1227, REVISION 9G, APRIL 2019) (CLEAN COPY)                                                                          | SRS          | DISTRIBUTION          |
| ✚022227     | 06/24/20 | IACD-19-164     | 10693   | DOE SUBMITTAL FOR THE SIXTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH NATIVE SOIL COVERS AND/OR LAND USE CONTROLS (U) AIKEN, SOUTH CAROLINA (SRNS-RP-2018-00811, REVISION 1, JUNE 2019) | B. HENNESSEY | J.RICHARDS,S.         |
| ✚022228     | 06/01/20 | SRNS-RP-2018-0C | 10693   | SIXTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH NATIVE SOIL COVERS AND/OR LAND USE CONTROLS (U)                                                                                         | SRNS         |                       |
| ✚022283     | 08/02/20 | ER-IDS-019-077  | 10693   | D-AREA ASH BASIN (488-2D) AND ASH LANDFILL (488-4D) INTERIM FIELD INSPECTION CHECKLIST, ER-IDS-019-077                                                                                                                   | SRNS         |                       |
| ✚022284     | 08/05/20 | ER-IDS-019-005  | 10693   | L-AREA BINGHAM PUMP OUTAGE PITS (BLDGS. 643-2G AND 643-3G) FIELD INSPECTION CHECKLIST, ER-IDS-019-005                                                                                                                    | SRNS         |                       |
| ✚022285     | 07/23/20 | ER-IDS-019-002  | 10693   | F-AREA BURNING/RUBBLE PITS 231-F, 231-1F, AND 231-2F FIELD INSPECTION CHECKLIST, ER-IDS-019-002                                                                                                                          | SRNS         |                       |
| ✚022286     | 07/03/20 | ER-IDS-019-021  | 10693   | H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDGS. 904-44G, 904-45G, 904-46G AND 904-56G) FIELD INSPECTION CHECKLIST, ER-IDS-019-021                                                                                     | SRNS         |                       |
| ✚022287     | 07/30/20 | ER-IDS-019-064  | 10693   | R-AREA OPERABLE UNIT (RAOU) FIELD INSPECTION CHECKLIST, ER-IDS-019-064                                                                                                                                                   | SRNS         |                       |
| ✚022288     | 07/29/20 | ER-IDS-019-066  | 10693   | P-AREA OPEABLE UNIT (PAOU) FIELD INSPECTION CHECKLIST, ER-IDS-019-066                                                                                                                                                    | SRNS         |                       |
| ✚022289     | 07/29/20 | ER-IDS-019-055  | 10693   | P-AREA EARLY CONSTRUCTION AND OPERATIONAL DISPOSAL SITE (ECODS) P-2 OPERABLE UNIT FIELD INSPECTION CHECKLIST, ER-IDS-019-055                                                                                             | SRNS         |                       |
| ✚022290     | 05/17/20 | ER-IDS-019-077  | 10693   | D-AREA ASH BASIN (488-2D) AND ASH LANDFILL (488-4D) INTERIM FIELD INSPECTION CHECKLIST, ER-IDS-019-077                                                                                                                   | SRNS         |                       |
| ✚022292     | 08/02/20 | SRNS-OS-2019-0C | 10693   | EPA APPROVAL FOR THE SIXTH FIVE-YEAR REMEDY REVIEW FOR SRS OPERABLE UNITS WITH NATIVE SOIL COVERS (U), [SRNS-RP-2018-00811], REV 1, REDLINE, JUNE 2019, SAVANNAH RIVER SITE, AIKEN, SOUTH CAROLINA                       | J. RICHARDS  | B. HENNESSEY          |

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| ✚022294     | 08/06/20 | SRNS-OS-2019-0C | 10693   | SCDHEC APPROVAL OF THE SIXTH FIVE-YEAR REMEDY REVIEW FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH NATIVE SOIL COVERS AND/OR LAND USE CONTROLS (U), AIKEN, SOUTH CAROLINA (SRNS-RP-2018-00811, REVISION 1, JUNE 2019)      | S. FULMER    | B. HENNESSEY          |
| ✚022304     | 03/01/20 | SRNS-OS-2019-0C | 10693   | NEWSPAPER ADVERTISEMENT - THE AIKEN STANDARD AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: CONSOLIDATED GENERAL CLOSURE PLAN FOR F-AREA AND H-AREA WASTE TANK SYSTEMS, SAVANNAH RIVER SITE, AVAILABILITY FOR PUBLIC        | SRNS         |                       |
| ✚022305     | 03/01/20 | SRNS-OS-2019-0C | 10693   | NEWSPAPER ADVERTISEMENT - THE AUGUSTA CHRONICLE AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: CONSOLIDATED GENERAL CLOSURE PLAN FOR F-AREA AND H-AREA WASTE TANK SYSTEMS, SAVANNAH RIVER SITE, AVAILABILITY                | SRNS         |                       |
| ✚022306     | 03/01/20 | SRNS-OS-2019-0C | 10693   | NEWSPAPER ADVERTISEMENT - THE PEOPLE SENTINEL AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: CONSOLIDATED GENERAL CLOSURE PLAN FOR F-AREA AND H-AREA WASTE TANK SYSTEMS, SAVANNAH RIVER SITE, AVAILABILITY                  | SRNS         |                       |
| ✚022308     | 02/02/20 | SRNS-OS-2019-0C | 10693   | NEWSPAPER ADVERTISEMENT - THE STATE AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: SECOND PHASE: FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GROUNDWATER REMEDIES                      | SRNS         |                       |
| ✚022309     | 02/02/20 | SRNS-OS-2019-0C | 10693   | NEWSPAPER ADVERTISEMENT - THE AUGUSTA CHRONICLE AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: SECOND PHASE: FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GROUNDWATER                   | SRNS         |                       |
| ✚022310     | 02/02/20 | SRNS-OS-2019-0C | 10693   | NEWSPAPER ADVERTISEMENT - THE AIKEN STANDARD AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: SECOND PHASE: FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GROUNDWATER REMEDIES             | SRNS         |                       |
| ✚022311     | 02/01/20 | SRNS-OS-2019-0C | 10693   | NEWSPAPER ADVERTISEMENT - THE PEOPLE SENTINEL AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: SECOND PHASE: FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GROUNDWATER REMEDIES            | SRNS         |                       |
| ✚022312     | 04/20/20 | SRNS-OS-2019-0C | 10693   | NEWSPAPER ADVERTISEMENT - THE STATE AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: EXPLANATION OF SIGNIFICANT DIFFERENCE (ESD) FOR INCORPORATING TANK 12 INTO THE REVISION 1 INTERIM RECORD OF DECISION REMEDIAL            | SRNS         |                       |
| ✚022314     | 06/01/20 | SRNS-RP-2018-0C | 10693   | U.S. DEPARTMENT OF ENERGY SIGNED SIXTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH NATIVE SOIL COVERS AND/OR LAND USE CONTROLS (U) AIKEN, SOUTH CAROLINA (SRNS-RP-2018-00811, REVISION 1, | SRNS         | DISTRIBUTION          |
| ✚022315     | 06/01/20 | ERD-EN-2018-005 | 10693   | SAVANNAH RIVER SITE SIXTH FIVE-YEAR REMEDY REVIEW REPORT FOR SRS OPERABLE UNITS WITH NATIVE SOIL COVERS AND/OR LAND USE CONTROLS FACT SHEET (ERD-EN-2018-0057, JUNE 2019)                                                | SRNS         | DISTRIBUTION          |
| ✚022317     | 08/22/20 | SRNS-J2000-2019 | 10693   | READING ROOM LETTER FOR THE APPENDIX A FACT SHEET FOR THE REMEDIAL ACTION G-AREA OIL SEEPAGE BASIN                                                                                                                       | L. BARKLEY   | READING ROOM          |
| ✚022340     | 03/01/92 | WSRC-IM-91-53   | 10693   | 1992 RCRA PART B PERMIT RENEWAL APPLICATION (U) VOLUME III, BOOK 1 OF 8, M-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (HWMF) - POST CLOSURE, WSRC-IM-91-53                                                                 | WSRC         |                       |
| ✚022346     | 09/19/20 | SRNS-OS-2019-0C | 10693   | SCDHEC LETTER REGARDING FOR SIGNATURE SIXTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH NATIVE SOIL COVERS AND/OR LAND USE CONTROLS (U) - AIKEN, SOUTH CAROLINA (SRNS-RP-2018-00811,      | S. FULMER    | J. RICHARDS           |
| ✚022355     | 09/30/20 | IACD-19-184     | 10693   | DOE SUBMITTAL FOR THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX C RCRA/CERCLA UNITS, REVISION 0 APPENDIX G SITE EVALUATION AREAS, AND REVISION 0 APPENDIX K D&D FACILITIES FOR FISCAL YEAR 2020 (PRINT DATE:        | B. HENNESSEY | J. RICHARDS,S. FULMER |

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| ✚022357     | 09/24/20 | ER-IDS-019-067  | 10693   | D-AREA COAL PILE RUNOFF BASIN (489-D NORTH) FIELD INSPECTION CHECKLIST - POST CLOSURE MAINTENANCE REGISTER, ER-IDS-019-067                                                                                                                                                                                                                                                                                                                 | SRNS         |                       |
| ✚022383     | 06/01/20 | SRNS-RP-2018-00 | 10693   | THREE PARTY SIGNED SIXTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH NATIVE SOIL COVERS AND/OR LAND USE CONTROLS (U) AIKEN, SOUTH CAROLINA (SRNS-RP-2018-00811, REVISION 1, JUNE 2019)                                                                                                                                                                                                                      | SRNS         |                       |
| ✚022384     | 10/02/20 | SRNS-J2000-2019 | 10693   | ENVIRONMENTAL BULLETIN FOR THE READING ROOM: U.S. DEPARTMENT OF ENERGY CONDUCTS PHASED SUBMITTALS OF THE SIXTH FIVE-YEAR REMEDY REVIEW AT SAVANNAH RIVER SITE SECOND PHASE: SAVANNAH RIVER SITE OPERABLE UNITS                                                                                                                                                                                                                             | L. BARKLEY   | READING ROOM          |
| ✚022393     | 10/24/20 | WSRC-OS-94-42   | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT CHANGES DATED 10/24/2019: REVISION 0 APPENDIX E FOR FISCAL YEAR 2019 (PRINT DATE: 10/26/2018, UPDATED 10/24/2019) AND RECORD OF MODIFICATIONS TO THE FEDERAL FACILITY AGREEMENT                                                                                                                                                                                                             | DISTRIBUTION |                       |
| ✚022404     | 11/05/20 | ERD-EN-2019-003 | 10693   | THE SAVANNAH RIVER SITE ENVIRONMENTAL BULLETIN FOR THE NOTICE OF PUBLIC AVAILABILITY SIXTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE                                                                                                                                                                                                                                                                                          | SRNS         |                       |
| ✚022408     | 11/06/20 | IACD-20-109     | 10693   | OPERABLE UNITS WITH NATIVE SOIL COVERS AND/OR LAND USE CONTROLS (VOLUME DOE SUBMITTAL OF THE THREE PARTY SIGNED SIXTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH NATIVE SOIL COVERS AND/OR LAND USE CONTROLS (U) AIKEN, SOUTH CAROLINA (SRNS-RP-2018-00811, DOE SUBMITTAL LETTER FOR FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX E, LONG TERM PROJECTIONS FOR FISCAL YEAR 2020 (PRINT DATE: 10/30/2019) | B. HENNESSEY | J. RICHARDS,S. FULMER |
| ✚022416     | 11/15/20 | IACD-20-110     | 10693   |                                                                                                                                                                                                                                                                                                                                                                                                                                            | B. HENNESSEY | J. RICHARDS,S. FULMER |
| ✚022417     | 11/20/20 | IACD-20-111     | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 2019                                                                                                                                                                                                                                                                                                                                                | B. HENNESSEY | J. RICHARDS,S. FULMER |
| ✚022418     | 11/01/20 | SRNS-RP-2019-00 | 10693   | FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 2019, SRNS-RP-2019-00657 NOVEMBER 2019                                                                                                                                                                                                                                                                                                                                   | SRNS         |                       |
| ✚022431     | 11/26/20 | IACD-20-112     | 10693   | DOE SUBMITTAL OF ADMINISTRATIVE RECORD FILE / INFORMATION REPOSITORY FILE ANNUAL INDICES UPDATE FOR FISCAL YAER 2019 (SRNS-RP-2019-00727, NOVEMBER 2019)                                                                                                                                                                                                                                                                                   | B. HENNESSEY | J. RICHARDS,S. FULMER |
| ✚022471     | 12/19/20 | IACD-20-121     | 10693   | DOE SUBMITTAL LETTER OF THE SIXTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GROUNDWATER REMEDIES (U) AIKEN, SOUTH CAROLINA (SRNS-RP-2019-00511, REVISION 0, DECEMBER 2019), SIXTH SAVANNAH RIVER SITE FACT SHEET FOR SIXTH FIVE-YEAR REMEDY REVIEW REPORT FOR SRS OPERABLE UNITS WITH GROUNDWATER REMEDIES (SRNS-RP-2019-00743, DECEMBER 2019)                                                            | B. HENNESSEY | J. RICHARDS,S. FULMER |
| ✚022472     | 12/01/20 | SRNS-RP-2019-00 | 10693   | SIXTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GROUNDWATER REMEDIES (U) (SRNS-RP-2019-00511, REVISION 0, DECEMBER 2019) SEMS NUMBER: 00                                                                                                                                                                                                                                                                  | SRNS         |                       |
| ✚022474     | 12/01/20 | SRNS-RP-2019-00 | 10693   |                                                                                                                                                                                                                                                                                                                                                                                                                                            | SRNS         |                       |
| ✚022476     | 08/29/20 | SRNS-OS-2020-00 | 10693   | NEWSPAPER ADVERTISEMENT - THE STATE AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: REMEDIAL DESIGN FACT SHEET AVAILABLE FOR THE G-AREA OIL SEEPAGE BASIN (761-13G) OPERABLE UNITAT THE SAVANNAH RIVER SITE                                                                                                                                                                                                                                    | SRNS         |                       |
| ✚022479     | 09/28/20 | SRNS-OS-2020-00 | 10693   | to NEWSPAPER ADVERTISEMENT - THE STATE AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: U.S DEPARTMENT OF ENERGY CONDUCTS PHASED SUBMITTALS OF THE SIXTH FIVE-YEAR REMEDY REVIEW AT SAVANNAH RIVER SITE FIRST PHASE:                                                                                                                                                                                                                            | SRNS         |                       |

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| ✚022481     | 06/06/20 | SRNS-OS-2020-0C | 10693   | NEWSPAPER ADVERTISEMENT - THE STATE AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: ACTION MEMORANDUM AND ERSPONSIVENESS SUMMARY ISSUED FOR THE NON-TIME CRITICAL REMOVAL ACTION FOR THE P-AREA GROUNDWATER OPERABLE       | SRNS   |           |
| ✚022484     | 06/26/20 | SRNS-OS-2020-0C | 10693   | NEWSPAPER ADVERTISEMENT - THE STATE AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: RECORD OF DECISION AVAILABLE FOR THE G-AREA OIL SEEPAGE BASIN (761-13G) OPERABLE UNIT AT THE SAVANNAH RIVER SITE                       | SRNS   |           |
| ✚022485     | 06/19/20 | SRNS-OS-2020-0C | 10693   | NEWSPAPER ADVERTISEMENT - THE STATE AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: THE U.S. DEPARTMENT OF ENERGY NATIONAL NUCLEAR SECURITY ADMINISTRATION ANNOUNCES IT'S INTENT TO PREPARE AN ENVIRONMENTAL IMPACT        | SRNS   |           |
| ✚022486     | 06/13/20 | SRNS-OS-2020-0C | 10693   | NEWSPAPER ADVERTISEMENT - THE STATE AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: REMOVAL SITE EVALUATION REPORT/ENGINEERING EVALUATION/COST ANALYSIS (RSE/EE/CA) FOR THE D-AREA COAL STORAGE AREA (484-17D) (U)         | SRNS   |           |
| ✚022487     | 02/28/20 | SRNS-OS-2020-0C | 10693   | NEWSPAPER ADVERTISEMENT - THE STATE AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: DOE REQUESTS TEMPORARY AUTHORIZATION FOR THE INJECTION OF HUMATE IN SOUTHERN SECTOR OF THE M-AREA HAZARDOUS WASTE MANAGEMENT           | SRNS   |           |
| ✚022489     | 10/10/20 | SRNS-OS-2020-0C | 10693   | NEWSPAPER ADVERTISEMENT - THE STATE AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: U.S DEPARTMENT OF ENERGY CONDUCTS PHASED SUBMITTALS OF THE SIXTH FIVE-YEAR REMEDY REVIEW AT SAVANNAH RIVER SITE, SECOND PHASE:         | SRNS   |           |
| ✚022492     | 12/05/20 | SRNS-OS-2020-0C | 10693   | NEWSPAPER ADVERTISEMENT - THE AIKEN STANDARD AFFIDAVIT OF PUBLICATION FOR PUBLIC AVAILABILITY: FIFTH PHASE: FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH OPERATING EQUIPMENT       | SRNS   |           |
| ✚022494     | 09/28/20 | SRNS-OS-2020-0C | 10693   | NEWSPAPER ADVERTISEMENT - THE AIKEN STANDARD AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: U.S DEPARTMENT OF ENERGY CONDUCTS PHASED SUBMITTALS OF THE SIXTH FIVE-YEAR REMEDY REVIEW AT SAVANNAH RIVER SITE, FIRST PHASE: | SRNS   |           |
| ✚022497     | 08/07/20 | SRNS-OS-2020-0C | 10693   | NEWSPAPER ADVERTISEMENT - THE AIKEN STANDARD AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: ACTION MEMORANDUM AND RESPONSIVENESS SUMMARY ISSUED FOR THE NON-TIME CRITICAL REMOVAL ACTION FOR THE D-AREA COAL              | SRNS   |           |
| ✚022499     | 06/19/20 | SRNS-OS-2020-0C | 10693   | NEWSPAPER ADVERTISEMENT - THE AIKEN STANDARD AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: THE U.S. DEPARTMENT OF ENERGY NATIONAL NUCLEAR SECURITY ADMINISTRATION ANNOUNCES IT'S INTENT TO PREPARE AN                    | SRNS   |           |
| ✚022500     | 06/13/20 | SRNS-OS-2020-0C | 10693   | NEWSPAPER ADVERTISEMENT - THE AIKEN STANDARD AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: REMOVAL SITE EVALUATION REPORT/ENGINEERING EVALUATION/COST ANALYSIS (RSE/EE/CA) FOR THE D-AREA COAL STORAGE AREA              | SRNS   |           |
| ✚022501     | 02/28/20 | SRNS-OS-2020-0C | 10693   | NEWSPAPER ADVERTISEMENT - THE AIKEN STANDARD AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: DOE REQUESTS TEMPORARY AUTHORIZATION FOR THE INJECTION OF HUMATE IN SOUTHERN SECTOR OF THE M-AREA HAZARDOUS WSATE             | SRNS   |           |
| ✚022504     | 08/29/20 | SRNS-OS-2020-0C | 10693   | NEWSPAPER ADVERTISEMENT - THE AIKEN STANDARD AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: REMEDIAL DESIGN FACT SHEET AVAILABLE FOR THE G-AREA OIL SEEPAGE BASIN (761-13G) OPERABLE UNIT AT THE SAVANNAH RIVER SITE      | SRNS   |           |
| ✚022505     | 08/29/20 | SRNS-OS-2020-0C | 10693   | NEWSPAPER ADVERTISEMENT - THE AUGUSTA CHRONICLE AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: REMEDIAL DESIGN FACT SHEET AVAILABLE FOR THE G-AREA OIL SEEPAGE BASIN (761-13G) OPERABLE UNIT AT THE SAVANNAH RIVER        | SRNS   |           |
| ✚022510     | 11/28/20 | SRNS-OS-2020-0C | 10693   | NEWSPAPER ADVERTISEMENT - THE AUGUSTA CHRONICLE AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: STATEMENT OF BASIS / PROPOSED PLAN FOR THE G-AREA OIL SEEPAGE BASIN (761-13G) AVAILABLE FOR PUBLIC COMMENT                 | SRNS   |           |

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| ✚022512     | 12/05/20 | SRNS-OS-2020-0C | 10693   | NEWSPAPER ADVERTISEMENT - THE AUGUSTA CHRONICLE AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: FIFTH PHASE: FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH OPERATING EQUIPMENT           | SRNS   |           |
| ✚022515     | 06/13/20 | SRNS-OS-2020-0C | 10693   | NEWSPAPER ADVERTISEMENT - THE AUGUSTA CHRONICLE AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: RECORD OF DECISION AVAILABLE FOR THE G-AREA OIL SEEPAGE BASIN (761-13G) OPERABLE UNIT AT THE SAVANNAH RIVER SITE            | SRNS   |           |
| ✚022516     | 06/19/20 | SRNS-OS-2020-0C | 10693   | NEWSPAPER ADVERTISEMENT - THE AUGUSTA CHRONICLE AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: THE U.S DEPARTMENT OF ENERGY NATIONAL NUCLEAR SECURITY ADMINISTRATION ANNOUNCES ITS INTENT TO PREPARE AN                    | SRNS   |           |
| ✚022519     | 11/05/20 | SRNS-OS-2020-0C | 10693   | NEWSPAPER ADVERTISEMENT - THE AUGUSTA CHRONICLE AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: SIXTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH NATIVE SOIL COVERS AND/OR LAND             | SRNS   |           |
| ✚022520     | 10/10/20 | SRNS-OS-2020-0C | 10693   | NEWSPAPER ADVERTISEMENT - THE AUGUSTA CHRONICLE AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: U.S DEPARTMENT OF ENERGY CONDUCTS PHASED SUBMITTALS OF THE SIXTH FIVE-YEAR REMEDY REVIEW AT SAVANNAH RIVER SITE             | SRNS   |           |
| ✚022524     | 10/03/20 | SRNS-OS-2020-0C | 10693   | NEWSPAPER ADVERTISEMENT - THE PEOPLE SENTINEL AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: U.S. DEPARTMENT OF ENERGY CONDUCTS PHASED SUBMITTALS OF THE SIXTH FIVE-YEAR REMEDY REVIEW AT SAVANNAH RIVER SITE FIRST PHASE: | SRNS   |           |
| ✚022527     | 07/24/20 | SRNS-OS-2020-0C | 10693   | NEWSPAPER ADVERTISEMENT - THE PEOPLE SENTINEL AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: GROUNDWATER WITHDRAWAL PERMIT APPLICATION FOR THE SAVANNAH RIVER SITE AVAILABLE FOR PUBLIC COMMENT                            | SRNS   |           |
| ✚022528     | 06/26/20 | SRNS-OS-2020-0C | 10693   | NEWSPAPER ADVERTISEMENT - THE PEOPLE SENTINEL AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: RECORD OF DECISION AVAILABLE FOR THE G-AREA OIL SEEPAGE BASIN (761-13G) OPERABLE UNIT AT THE SAVANNAH RIVER SITE              | SRNS   |           |
| ✚022530     | 06/12/20 | SRNS-OS-2020-0C | 10693   | NEWSPAPER ADVERTISEMENT - THE PEOPLE SENTINEL AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: REMOVAL SITE EVALUATION REPORT/ENGINEERING EVALUATION/ COST ANALYSIS (RSER/EE/CA) FOR THE D-AREA COAL STORAGE AREA            | SRNS   |           |
| ✚022531     | 11/06/20 | SRNS-OS-2020-0C | 10693   | NEWSPAPER ADVERTISEMENT - THE PEOPLE SENTINEL AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: SIXTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH NATIVE SOIL COVERS AND/OR LAND USE           | SRNS   |           |
| ✚022533     | 10/09/20 | SRNS-OS-2020-0C | 10693   | NEWSPAPER ADVERTISEMENT - THE PEOPLE SENTINEL AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: U.S DEPARTMENT OF ENERGY CONDUCTS PHASED SUBMITTALS OF THE SIXTH FIVE-YEAR REMEDY REVIEW AT SAVANNAH RIVER SITE, SECOND       | SRNS   |           |
| ✚022534     | 02/06/20 | SRNS-OS-2020-0C | 10693   | NEWSPAPER ADVERTISEMENT - THE AUGUSTA CHRONICAL AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: SECOND PHASE: FIFTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GROUNDWATER                  | SRNS   |           |
| ✚022535     | 05/31/20 | SRNS-OS-2020-0C | 10693   | NEWSPAPER ADVERTISEMENT - THE AUGUSTA CHRONICAL AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: TRANSURANIC (TRU) WASTE PADS RESOURCE CONSERVATION AND RECOVERY ACT PERMIT VOLUME XIII REVISION REQUEST                     | SRNS   |           |
| ✚022536     | 11/22/20 | ER-IDS-019-020  | 10693   | METALLURGICAL LABORATORY HAZARDOUS WASTE MANAGEMENT FACILITY (HWMF) POST CLOSURE FIELD INSPECTION CHECKLIST                                                                                                             | SRNS   |           |
| ✚022541     | 05/31/20 | SRNS-OS-2020-0C | 10693   | NEWSPAPER ADVERTISEMENT - THE PEOPLE SENTINEL AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: TRANSURANIC (TRU) WASTE PADS RESOURCE CONSERVATION AND RECOVERY ACT PERMIT VOLUME XIII REVISION REQUEST (CURRENT PERMIT       | SRNS   |           |

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| ✚022542     | 05/31/20 | SRNS-OS-2020-0C | 10693   | NEWSPAPER ADVERTISEMENT - THE AIKEN STANDARD AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: TRANSURANIC (TRU) WASTE PADS RESOURCE CONSERVATION AND RECOVERY ACT PERMIT VOLUME XIII REVISION REQUEST (CURRENT PERMIT                                                                                                       | SRNS        |                       |
| ✚022543     | 05/31/20 | SRNS-OS-2020-0C | 10693   | NEWSPAPER ADVERTISEMENT - THE STATE AFFIDAVIT OF PUBLICATION FOR PUBLIC NOTICE: TRANSURANIC (TRU) WASTE PADS RESOURCE CONSERVATION AND                                                                                                                                                                                 | SRNS        |                       |
| ✚022547     | 01/15/20 | IACD-20-125     | 10693   | RECOVERY ACT PERMIT VOLUME XIII REVISION REQUEST (CURRENT PERMIT EXPIRES DOE SUBMITTAL FOR THE FEDERAL FACILITY AGREEMENT (FFA) REVISION 0 APPENDIX B. HENNESSEY E, LONG-TERM PROJECTIONS FOR FISCAL YEAR (FY) 2020 (PRINT DATE: 10/30/2019, UPDATED 01/08/2020) AND SAVANNAH RIVER SITE'S RESPONSES TO THE REGULATORY |             | J. RICHARDS,S. FULMER |
| ✚022561     | 01/23/20 | SRNS-OS-2020-0C | 10693   | SCDHEC COMMENTS ON THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX C RCRA/CERCLA UNITS, REVISION 0 APPENDIX G SITE EVALUATION AREAS, AND                                                                                                                                                                            | S. FULMER   | B. HENNESSEY          |
| ✚022562     | 01/23/20 | SRNS-OS-2020-0C | 10693   | REVISION 0 APPENDIX K D&D FACILITIES, FOR FISCAL YEAR 2020 (PRINT DATE: SCDHEC APPROVAL OF THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX H                                                                                                                                                                        | S. FULMER   | B. HENNESSEY          |
| ✚022571     | 01/27/20 | SRNS-OS-2020-0C | 10693   | SOLID WASTE MANAGEMENT UNITS FOR FISCAL YEAR 2020 (PRINT DATE: 09/19/2019) RECEIVED OCTOBER 1, 2019                                                                                                                                                                                                                    |             |                       |
| ✚022572     | 01/31/20 | SRNS-OS-2020-0C | 10693   | SCDHEC APPROVAL OF THE FEDERAL FACILITY AGREEMENT (FFA) REVISION 0, APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR (FY) 2020 (PRINT DATE: 10/30/2019, UPDATED ON 01/08/2020) RECEIVED JANUARY 16, 2020                                                                                                              | S. FULMER   | B. HENNESSEY          |
| ✚022573     | 01/31/20 | SRNS-OS-2020-0C | 10693   | EPA APPROVAL FOR THE FEDERAL FACILITY AGREEMENT REV 0 APPENDIX C RCRA/CERCLA UNITS, REV 0 APPENDIX G SITE EVALUATION AREAS, AND REV 0                                                                                                                                                                                  | J. RICHARDS | B. HENNESSEY          |
| ✚022582     | 02/03/20 | SRNS-OS-2020-0C | 10693   | APPENDIX K D&D FACILITIES, FOR FISCAL YEAR 2020, [IACD-19-184, DATED EPA APPROVAL FOR THE FEDERAL FACILITY AGREEMENT REV 0 APPENDIX H, SOLID                                                                                                                                                                           | J. RICHARDS | B. HENNESSEY          |
| ✚022590     | 07/01/20 | ERD-EN-2019-002 | 10693   | WASTE MANAGEMENT UNITS FOR FISCAL YEAR 2020, [IACD-19-183, DATED SEPTEMBER 30, 2019], SAVANNAH RIVER SITE, AIKEN, SOUTH CAROLINA                                                                                                                                                                                       |             |                       |
| ✚022607     | 03/02/20 | SRNS-OS-2020-0C | 10693   | SCDHEC ADDITIONAL COMMENT ON THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX K, D&D FACILITIES FOR FISCAL YEAR 2020 (PRINT DATE: 09/19/2019) RECEIVED OCTOBER 1, 2019                                                                                                                                               | S. FULMER   | B. HENNESSEY          |
| ✚022611     | 03/02/20 | WSRC-OS-94-42   | 10693   | FILL AND COVER VERIFICATION FOR THE D-AREA BORROW PIT (ERD-EN-2019-0026 REVISION 0 JULY 2019)                                                                                                                                                                                                                          | SRNS        |                       |
| ✚022615     | 03/02/20 | SRNS-J2000-2020 | 10693   | EPA THIRTY-DAY EXTENSION NOTIFICATION FOR THE SIXTH FIVE-YEAR REMEDY REVIEW REPORT FOR SRS OPERABLE UNITS WITH GROUNDWATER REMEDIES (U), [SRNS-RP-2019-00511], REV. 0, DECEMBER 2019, & THE FACT SHEET                                                                                                                 | J. RICHARDS | B. HENNESSEY          |
| ✚022620     | 03/16/20 | SRNS-OS-2020-0C | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT CHANGES DATED 03/02/2020: REVISION 0 APPENDIX C FOR FISCAL YEAR 2020 (PRINT DATE: 09/19/2019), REVISION 0                                                                                                                                                               | SRNS        |                       |
| ✚022625     | 03/16/20 | SRNS-OS-2020-0C | 10693   | APPENDIX E FOR FISCAL YEAR 2020 (PRINT DATE: 10/30/2019, UPDATED 03/02/2020), READING ROOM: EARLY ACTION STATEMENT OF BASIS/PROPOSED PLAN FOR THE                                                                                                                                                                      | L. BARKLEY  | READING ROOM          |
|             |          |                 |         | D-AREA OPERABLE UNIT (U) AND THE UNITED STATES DEPARTMENT OF ENERGY                                                                                                                                                                                                                                                    |             |                       |
|             |          |                 |         | EARLY ACTION STATEMENT OF BASIS/PROPOSED PLAN FACT SHEET FOR THE D-AREA                                                                                                                                                                                                                                                |             |                       |
|             |          |                 |         | EPA APPROVAL OF THE ADMINISTRATIVE RECORD FILE / INFORMATION REPOSITORY                                                                                                                                                                                                                                                | J.RICHARDS  | B. HENNESSEY          |
|             |          |                 |         | FILE ANNUAL INDICES UPDATE FOR FISCAL YEAR 2019 (SRNS-RP-2019-00727, NOVEMBER 2019)                                                                                                                                                                                                                                    |             |                       |
|             |          |                 |         | SCDHEC APPROVAL OF THE ADMINISTRATIVE RECORD FILE / INFORMATION                                                                                                                                                                                                                                                        | S. FULMER   | B. HENNESSEY          |
|             |          |                 |         | REPOSITORY FILE ANNUAL INDICES UPDATE FOR FISCAL YEAR 2019 (SRNS-RP-2019-00727, NOVEMBER 2019) RECEIVED DECEMBER 2, 2019                                                                                                                                                                                               |             |                       |



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| →022626     | 03/16/20 | SRNS-OS-2020-0C | 10693   | SCDHEC APPROVAL OF THE SIXTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GROUNDWATER REMEDIES (U) - AIKEN, SOUTH CAROLINA SEMS NUMBER: 00 (SRNS-RP-2019-00511, REVISION 0, DECEMBER                | S. FULMER    | B. HENNESSEY           |
| 022630      | 03/26/20 | IACD-20-140     | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT REVISION 1 APPENDIX K D&D FACILITIES FOR FISCAL YEAR (FY) 2020 (PRINT DATE: 03/19/2020) AND SAVANNAH RIVER SITE'S RESPONSES TO THE REGULATORY COMMENTS ON THE REVISION 0          | B. HENNESSEY | S. FULMER; J. RICHARDS |
| 022632      | 03/31/20 | WSRC-OS-94-42   | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT CHANGES DATED 03/31/2020: REVISION 0 APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR (FY) 2020 (PRINT DATE:10/30/2019, UPDATED 03/30/2020, REVISION 1 APPENDIX K, D&D FACILITIES | SRNS         |                        |
| 022634      | 03/27/20 | SRNS-OS-2020-0C | 10693   | SCDHEC APPROVAL OF FEDERAL FACILITY AGREEMENT REVISION 1 APPENDIX K D&D FACILITIES FOR FISCAL YEAR (FY) 2020 (PRINT DATE: 03/19/2020) AND SAVANNAH RIVER SITE'S RESPONSES TO THE REGULATORY COMMENTS ON THE REVISION 0            | S. FULMER    | B. HENNESSEY           |
| 022649      | 04/08/20 | SRNS-OS-2020-0C | 10693   | EPA COMMENTS FOR THE SIXTH FIVE-YEAR REVIEW REPORT FOR SRS OPERABLE UNITS WITH GROUNDWATER REMEDIES (U), [SRNS-RP-2019-00511], REV. 0, DECEMBER 2019, & THE FACE SHEET [ SRNS-RP-2019-00743] & SCOPING SUMMARY                    | J. RICHARDS  | B. HENNESSEY           |
| 022651      | 04/13/20 | SRNS-OS-2020-0C | 10693   | EPA LETTER REGARDING DESIGNATION OF FEDERAL FACILITY AGREEMENT REMEDIAL PROJECT MANAGER                                                                                                                                           | J. RICHARDS  | B. HENNESSEY           |
| 022654      | 07/03/20 | SRNS-OS-2018-0C | 10693   | EPA CONCURRENCE THAT DECOMMISSIONING DOCUMENTATION (FACILITY DECOMMISSIONING EVALUATION AND DECOMMISSIONING PROJECT FINAL REPORT) NOT REQUIRED FOR BUILDINGS 904-117G, 904-118G, 904-121G, 904-122G, AND 904-114G                 | B. HENNESSEY | R. POPE                |
| 022655      | 06/29/20 | SRNS-OS-2018-0C | 10693   | SCDHEC CONCURRENCE THAT DECOMMISSIONING DOCUMENTATION (FACILITY DECOMMISSIONING EVALUATION AND DECOMMISSIONING PROJECT FINAL REPORT) NOT REQUIRED FOR BUILDINGS 904-117G, 904-118G, 904-121G, 904-122G, AND 904-114G              | B. HENNESSEY | H. CATHCART,S. FULMER  |
| →022656     | 04/08/20 | IACD-20-144     | 10693   | DOE CORRESPONDENCE REGARDING NEED FOR DECOMMISSIONING DOCUMENTATION FOR BUILDING 616-G, TRUCK SCALE HOUSE AND BUILDING 707-11F, STORAGE BUILDING                                                                                  | B. HENNESSEY | J. RICHARDS,R. POPE,S. |
| →022657     | 04/08/20 | SRNS-OS-2020-0C | 10693   | EPA CONCURRENCE THAT DECOMMISSIONING DOCUMENTATION IS NOT REQUIRED FOR BUILDING 616-G, TRUCK SCALE HOUSE AND BUILDING 707-11F, STORAGE BUILDING AND SUBMITTAL OF OAK RIDGE DEMOLITION CERCLA SCREENING FORM AS                    | B. HENNESSEY | J. RICHARDS,R. POPE,S. |
| →022658     | 04/08/20 | SRNS-OS-2020-0C | 10693   | SCDHEC CONCURRENCE TAHT DECOMMISSIONING DOCUMENTATION IS NOT REQUIRED FOR BUILDING 616-G, TRUCK SCALE HOUSE AND BUILDING 707-11F, STORAGE BUILDING                                                                                | B. HENNESSEY | J. RICHARDS,R. POPE,S. |
| →022659     | 04/15/20 | IACD-20-145     | 10693   | DOE PROPOSAL FOR THE PATH FORWARD FOR NON-APPENDIX K/NON-INDUSTRIAL/NON-D&D PROTOCOL STRUCTURES                                                                                                                                   | B. HENNESSEY | J. RICHARDS,R. POPE,S. |
| →022660     | 04/15/20 | SRNS-OS-2020-0C | 10693   | EPA CONCURRENCE OF THE PATH FORWARD FOR NON-APPENDIX K/NON-INDUSTRIAL/NON-D&D PROTOCOL STRUCTURES                                                                                                                                 | B. HENNESSEY | J. RICHARDS,R. POPE,S. |
| →022661     | 04/16/20 | SRNS-OS-2020-0C | 10693   | SCDHEC CONCURRENCE OF THE PATH FORWARD FOR NON-APPENDIX K/NON-INDUSTRIAL/NON-D&D PROTOCOL STRUCTURES                                                                                                                              | B. HENNESSEY | J. RICHARDS,R. POPE,S. |
| →022680     | 04/28/20 | IACD-20-146     | 10693   | DOE SUBMITTAL OF FISCAL YEAR (FY) 2020 BUDGET ALLOTMENT FOR ENVIRONMENTAL COMPLIANCE & AREA COMPLETION PROJECTS AND FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX D FOR FY2020 (PRINT DATE: 04/20/2020)                          | B. HENNESSEY | J. RICHARDS,S. FULMER  |



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| ✚022686     | 05/04/20 | SRNS-OS-2020-00 | 10693   | SCDHEC APPROVAL OF THE FISCAL YEAR (FY) 2020 BUDGET ALLOTMENT FOR ENVIRONMENTAL COMPLIANCE & AREA COMPLETION PROJECTS AND FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX D FOR FY2020 (PRINT DATE: 4/20/20)                          | S. FULMER              | B. HENNESSEY |
| ✚022690     | 03/01/20 | WSRC-RP-99-412  | 10693   | CORE LOGGING & SPLIT SPOON DATA, WSRC-RP-99-4129, GEOPHYSICAL LOGS, WSRC-RP-99-4130, HYDROSTRATIGRAPHIC CROSS SECTIONS WITH EQUIPOTENTIAL LINES, WSRC-RP-99-4131, CONTAMINANT PLUME MAPS, WSRC-RP-99-4132                            |                        |              |
| ✚022692     | 03/01/20 | WSRC-RP-99-412  | 10693   | CAROLINA BAY CLOSURE PLAN VOLUME II, WSRC-RP-99-4126, WELL CONSTRUCTION DIAGRAMS, WSRC-RP-99-4127, FILED GEOLOGIC LOGS, WSRC-RP-99-4128                                                                                              |                        |              |
| ✚022693     | 10/01/20 | ESH-EPG-2007-00 | 10693   | MACROINVERTEBRATE STREAM ASSESSMENT OF CROUCH BRANCH (ESH-EPG-2007-00006, OCTOBER 2006)                                                                                                                                              | ETT ENVIRONMENTAL, INC | SRS          |
| ✚022703     | 05/20/20 | SRNS-OS-2020-00 | 10693   | EPA APPROVAL OF THE FISCAL YEAR (FY) 2020 BUDGET ALLOTMENT FOR ENVIRONMENTAL COMPLIANCE & AREA COMPLETION PROJECTS AND FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX D FOR FY2020                                                   | J. RICHARDS            | B. HENNESSEY |
| ✚022706     | 05/21/20 | SRNS-J2000-2020 | 10693   | SRNS SUBMITTAL OF SAVANNAH RIVER SITE INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN, APPENDICES A, B, AND C (WSRC-RP-94-1227, REDLINE REVISION 9H, MAY 2020)                                                                           | A. MEYER               | S. FULMER    |
| ✚022734     | 05/28/20 | WSRC-OS-94-42   | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT CHANGES DATED 05/28/2020: REVISION 0 APPENDIX D FOR FISCAL YEAR 2020 (PRINT DATE: 04/20/2020), REVISION 0 APPENDIX E: FISCAL YEAR 2020 LONG-TERM PROJECTIONS (PRINT DATE: 10/30/2019, | SRNS                   |              |
| ✚022735     | 06/03/20 | SRNS-OS-2020-00 | 10693   | SCDHEC APPROVAL OF THE SAVANNAH RIVER SITE INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN, APPENDICES A, B, AND C (WSRC-RP-94-1227, REDLINE REVISION 9H, MAY 2020) RECEIVED ELECTRONICALLY MAY 21, 2020                                 | S. FULMER              | A. MEYER     |
| ✚022746     | 04/15/20 | ER-IDS-019-009  | 10693   | F-AREA RETENTION BASIN (BLDG. 281-3F) FIELD INSPECTION CHECKLIST                                                                                                                                                                     | SRNS                   |              |
| ✚022747     | 04/21/20 | ER-IDS-019-012  | 10693   | K-AREA REACTOR SEEPAGE BASIN (BLDG. 904-65G) FIELD INSPECTION CHECKLIST                                                                                                                                                              | SRNS                   |              |
| ✚022748     | 04/16/20 | ER-IDS-019-013  | 10693   | C-REACTOR SEEPAGE BASIN (BLDGS. 904-66G, 904-67G, AND 904-68G) FIELD INSPECTION CHECKLIST                                                                                                                                            | SRNS                   |              |
| ✚022749     | 04/06/20 | ER-IDS-019-019  | 10693   | F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDGS. 904-41G, 904-42G, AND 904-43G) FIELD INSPECTION CHECKLIST                                                                                                                         | SRNS                   |              |
| ✚022750     | 04/14/20 | ER-IDS-019-021  | 10693   | H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDGS. 904-44G, 904-45G, 904-46G, AND 904-56G) FIELD INSPECTION CHECKLIST                                                                                                                | SRNS                   |              |
| ✚022751     | 04/13/20 | ER-IDS-019-037  | 10693   | H-AREA INACTIVE PROCESS SEWER FIELD INSPECTION CHECKLIST                                                                                                                                                                             | SRNS                   |              |
| ✚022752     | 04/30/20 | ER-IDS-019-057  | 10693   | M-AREA OPERABLE UNIT (MAOU) FIELD INSPECTION CHECKLIST                                                                                                                                                                               | SRNS                   |              |

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| ✚022753     | 04/20/20 | ER-IDS-019-074                 | 10693   | C-AREA REACTOR OPERABLE UNIT FIELD INSPECTION CHECKLIST                                                                                                                                                                        | SRNS         |                             |
| ✚022758     | 06/17/20 | SRNS-J2000-2020                | 10693   | SRNS SUBMITTAL LETTER OF SAVANNAH RIVER SITE INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN, APPENDICES A, B, AND C (WSRC-RP-94-1227, REVISION 9H, MAY 2020) (CLEAN COPY)                                                         | A. MEYER     | S. FULMER                   |
| ✚022759     | 05/01/20 | WSRC-RP-94-1227<br>REVISION 9H | 10693   | SAVANNAH RIVER SITE INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN, APPENDICES A, B, AND C (WSRC-RP-94-1227, REVISION 9H, MAY 2020) (CLEAN COPY)                                                                                  | SRNS         |                             |
| ✚022792     | 07/13/20 | IACD-20-170                    | 10693   | DOE SUBMITTAL FOR THE SIXTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GROUNDWATER REMEDIES (U) AIKEN, SOUTH CAROLINA (SRNS-RP-2019-00511, REDLINE REVISION 1, JULY 2020) (REDLINE PAGES),     | B. HENNESSEY | J. RICHARDS;<br>S. FULMER   |
| ✚022793     | 07/01/20 | SRNS-RP-2019-00                | 10693   | SAVANNAH RIVER SITE SIXTH FIVE-YEAR REMEDY REVIEW REPORT FACT SHEET SRS OPERABLE UNITS WITH GROUNDWATER REMEDIES (SRNS-RP-2019-00743, JULY 2020) (REDLINE PAGES)                                                               | A. BENFIELD  |                             |
| ✚022794     | 07/01/20 | SRNS-RP-2019-00                | 10693   | SIXTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GROUNDWATER REMEDIES (U) (SRNS-RP-2019-00511, REDLINE REVISION 1, JULY 2020) (REDLINE PAGES)                                                  | SRNS         |                             |
| ✚022804     | 03/21/94 | WSRC-IM-91-53                  | 10693   | 1992 RCRA PART B PERMIT RENEWAL APPLICATION (U), SAVANNAH RIVER SITE VOLUME XIV BOOK 1 OF 4, METALLURGICAL LABORATORY HAZARDOUS WASTE MANAGEMENT FACILITY - POST-CLOSURE (MET LAB HWMF)                                        | WSRC         |                             |
| ✚022814     | 07/27/20 | IACD-20-174                    | 10693   | DOE SUBMITTAL LETTER FOR CHLORINE GAS CYLINDERS - HIGHWAY 278 INFORMATION (SRNS-MS-2020-00127, REV. 1, JULY 20, 2020)                                                                                                          | B. HENNESSEY | J.<br>RICHARDS,S.<br>FULMER |
| ✚022815     | 07/20/20 | SRNS-MS-2020-00<br>REV. 1      | 10693   | CHLORINE GAS CYLINDERS - HIGHWAY 278 INFORMATION, (SRNS-MS-2020-00127, REV. 1, JULY 20, 2020)                                                                                                                                  | SRNS         |                             |
| ✚022826     | 06/19/20 | V-PCOR-L-00012                 | 10693   | DECOMMISSIONING PROJECT FINAL REPORT 106-L, COOLING WATER RESERVOIR                                                                                                                                                            | D. KIVKOVIC  |                             |
| ✚022840     | 08/11/20 | Q-ESR-N-00001                  | 10693   | ENGINEERING SURVEY & INTERFERENCE REPORT FOR BUILDING 690-N, FORD BUILDING                                                                                                                                                     | W. GRIFFIN   |                             |
| ✚022862     | 08/25/20 | SRNS-OS-2020-00                | 10693   | SCDHEC APPROVAL OF THE SIXTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GROUNDWATER REMEDIES (U) - AIKEN, SOUTH CAROLINA, SEMS NUMBER: 00 (SRNS-RP-2019-00511, REDLINE REVISION 1,             | S. FULMER    | B. HENNESSEY                |
| ✚022864     | 09/01/20 | WSRC-OS-94-42                  | 10693   | SAVANNAH RIVER SITE FEDERAL FACILITY AGREEMENT CHANGES DATED 09/01/2020: REVISION 0 APPENDIX E: FISCAL YEAR 2020 LONG TERM PROJECTIONS (PRINT DATE: 10/30/2019, UPDATED 09/01/2020) AND RECORD OF MODIFICATIONS TO THE FEDERAL | SRNS         |                             |
| ✚022868     | 09/02/20 | SRNS-OS-2020-00                | 10693   | EPA APPROVAL OF THE SIXTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GROUNDWATER REMEDIES (U) - AIKEN, SOUTH CAROLINA, SEMS NUMBER: 00 (SRNS-RP-2019-00511, REDLINE REVISION 1, JULY 2020)     | J. RICHARDS  | B. HENNESSEY                |
| ✚022894     | 09/15/20 | SRNS-J2000-2020                | 10693   | READING ROOM: THREE PARTY SIGNED SECOND EARLY ACTION RECORD OF DECISION REMEDIAL ALTERNATIVE SELECTION FOR THE D-AREA OPERABLE UNIT (U)                                                                                        | L. BARKLEY   | READING<br>ROOM             |

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| ✚022906     | 05/08/20 | FCP-06-116             | 10693   | DOE SUBMITTAL OF THE CONCURRENCE ON FACILITY DECOMMISSIONING EVALUATION (FDE) FOR THE 211-2F CONTROL HOUSE                                                                                                                                                                                                                                                                                                                             | N. DELAPLANE   | S. DAHLGREN                 |
| ✚022912     | 09/24/20 | IACD-20-184            | 10693   | DOE SUBMITTAL FOR THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX C RCRA/CERCLA UNITS, REVISION 0 APPENDIX G SITE EVALUATION AREAS, AND REVISION 0 APPENDIX K D&D FACILITIES FOR FISCAL YEAR 2021 (PRINT DATE: 09/24/2020)                                                                                                                                                                                                          | B. HENNESSEY   | J. RICHARDS;<br>S. FULMER   |
| ✚022914     | 09/29/20 | IACD-20-183            | 10693   | DOE SUBMITTAL FOR THE FEDERAL FACILITY AGREEMENT REVISION 0 APPENDIX H SOLID WASTE MANAGEMENT UNITS FOR FISCAL YEAR 2021 (PRINT DATE: 09/24/2020)                                                                                                                                                                                                                                                                                      | B. HENNESSEY   | J.<br>RICHARDS,S.<br>FULMER |
| ✚022917     | 07/01/20 | SRNS-RP-2019-00        | 10693   | SAVANNAH RIVER SITE FACT SHEET SIXTH FIVE-YEAR REMEDY REVIEW REPORT FOR SRS OPERABLE UNITS WITH GROUNDWATER REMEDIES (SRNS-RP-2019-00743, JULY 2020)                                                                                                                                                                                                                                                                                   | SRNS           |                             |
| ✚022918     | 07/01/20 | SRNS-RP-2019-00        | 10693   | U.S. DEPARTMENT OF ENERGY SIGNED SIXTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GROUNDWATER REMEDIES (U) AIKEN, SOUTH CAROLINA (SRNS-RP-2019-00511, REVISION 1, JULY 2020)                                                                                                                                                                                                                           | SRNS           |                             |
| ✚022957     | 10/22/20 | SDD-2005-00170, REV. 2 | 10693   | ENVIRONMENTAL COMPLIANCE AND AREA COMPLETION PROJECTS (EC&ACP) DEACTIVATION & DECOMMISSIONING (D&D) POLICY ON DECOMMISSIONING END POINTS FOR SLABS, PITS, BASEMENTS AND BASINS (U), (SDD-2005-00170, REVISION 2, SCDHEC TRANSMITTAL OF THE FOR SIGNATURE SIXTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH RIVER SITE OPERABLE UNITS WITH GROUNDWATER REMEDIES (U) - AIKEN, SOUTH CAROLINA (SRNS-RP-2019-00511, REVISION 1, JULY 2020) | SRNS           |                             |
| ✚022961     | 10/09/20 | SRNS-OS-2020-00        | 10693   | ENGINEERING SURVEY & INTERFERENCE REPORT FOR BUILDING 484-9D, D-AREA VALVE HOUSE                                                                                                                                                                                                                                                                                                                                                       | S. FULMER      | J. RICHARDS                 |
| ✚022976     | 11/02/20 | Q-SDD-D-00007          | 10693   | ENGINEERING SURVEY & INTERFERENCE REPORT FOR BUILDING 483-3D, ELECTRICAL CONTROL BUILDING                                                                                                                                                                                                                                                                                                                                              | W. GRIFFIN     |                             |
| ✚022977     | 11/02/20 | Q-SDD-D-00009          | 10693   | ENGINEERING SURVEY & INTERFERENCE REPORT FOR BUILDING 482-2D, ELECTRICAL SWITCHGEAR BUILDING                                                                                                                                                                                                                                                                                                                                           | W. GRIFFIN     |                             |
| ✚022978     | 11/02/20 | Q-SDD-D-00010          | 10693   | Q-SDD-ENGINEERING SURVEY & INTERFERENCE REPORT FOR BUILDING 704-7D, D-AREA MAINTENANCE BUILDING                                                                                                                                                                                                                                                                                                                                        | W. GRIFFIN     |                             |
| ✚022979     | 11/02/20 | Q-SDD-D-00011          | 10693   | ENGINEERING SURVEY & INTERFERENCE REPORT FOR BUILDING 710-16D, STORAGE BUILDING                                                                                                                                                                                                                                                                                                                                                        | W. GRIFFIN     |                             |
| ✚022980     | 11/02/20 | Q-SDD-D-00012          | 10693   | ENGINEERING SURVEY & INTERFERENCE REPORT FOR BUILDING 717-3D, D-AREA WELDING SHOP                                                                                                                                                                                                                                                                                                                                                      | W. GRIFFIN     |                             |
| ✚022981     | 11/02/20 | Q-SDD-D-00013          | 10693   | DOE SUBMITTAL OF THE FEDERAL FACILITY AGREEMENT (FFA) REVISION 0 APPENDIX E, LONG-TERM PROJECTIONS FOR FISCAL YEAR (FY) 2021 (PRINT DATE: 11/04/2020)                                                                                                                                                                                                                                                                                  | B. HENNESSEY   | J.<br>RICHARDS,S.<br>FULMER |
| ✚022983     | 11/16/20 | IACD-21-106            | 10693   | DECOMMISSIONING OF BUILDINGS 480-3D, 482-2D, 704-7D, 710-16D & 717-3D                                                                                                                                                                                                                                                                                                                                                                  | J. BLANKENSHIP |                             |
| ✚022995     | 11/23/20 | G-SOW-D-00012          | 10693   |                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |                             |

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| ✚023000        | 11/01/20 | SRNS-RP-2020-00           | 10693   | FEDERAL FACILITY AGREEMENT ANNUAL PROGRESS REPORT FOR FISCAL YEAR 2020<br>(SRNS-RP-2020-00712, NOVEMBER 2020)                                                                                        | SRNS         |                             |
| ✚023002        | 11/30/20 | IACD-21-108               | 10693   | DOE SUBMITTAL OF THE ADMINISTRATIVE RECORD FILE / INFORMATION REPOSITORY<br>FILE ANNUAL INDICES UPDATE 2020 (SRNS-RP-2020-00805, NOVEMBER 2020)                                                      | B. HENNESSEY | J.<br>RICHARDS,S.<br>FULMER |
| ✚023004        | 07/01/20 | SRNS-RP-2019-00<br>REV. 1 | 10693   | THREE PARTY SIGNED SIXTH FIVE-YEAR REMEDY REVIEW REPORT FOR SAVANNAH<br>RIVER SITE OPERABLE UNITS WITH GROUNDWATER REMEDIES (U) AIKEN, SOUTH<br>CAROLINA (SRNS-RP-2019-00511, REVISION 1, JULY 2020) | SRNS         |                             |

# SAVANNAH RIVER SITE FACT SHEET

## Sixth Five-Year Remedy Review Report for SRS Operable Units with Groundwater Remedies

SRNS-RP-2019-00743

Savannah River Site, Aiken, SC  
July 2020

*The United States Department of Energy (USDOE), the United States Environmental Protection Agency (USEPA), and the South Carolina Department of Health and Environmental Control (SCDHEC) have prepared the Sixth Five-Year Remedy Review Report for Savannah River Site (SRS) Operable Units (OUs) with Groundwater Remedies. This report documents the methods, findings, and conclusions for remedy decision document reviews for the SRS OUs that selected groundwater remediation as the interim or final remedy.*

### What is a Five-Year Remedy Review?

The Comprehensive Environmental Response, Compensation, and Liability Act requires that a remedy review be conducted every five years for sites where any hazardous substances, pollutants, or contaminants remain following a remedial or cleanup action. The remedies are evaluated to determine whether they are functioning as designed and whether they are protective of human health and the environment. The methods, findings, and conclusions of remedy reviews are documented in a five-year remedy review report.

The SRS Sixth Five-Year Remedy Review report will be conducted in five phases with OUs grouped by the following remedy types: (1) native soil covers and/or land use controls (LUCs); (2) groundwater; (3) engineered cover systems; (4) geosynthetic or stabilization/solidification cover systems (S/S); and (5) operating equipment.

This report documents the Sixth Five-Year Remedy review for SRS OUs that selected groundwater remedies as the interim or final remedy.

### SRS History

SRS occupies approximately 310 square miles of land adjacent to the Savannah River, principally in Aiken and Barnwell counties of South Carolina. SRS is located approximately 25 miles southeast of Augusta,

#### Three Major Questions:

- 1) Is the remedy functioning as intended by the decision documents?
- 2) Are the exposure assumptions, toxicity data, cleanup levels, and remedial action objectives used at the time of remedy selection still valid?
- 3) Has any other information come to light that could call into question the protectiveness of the remedy?

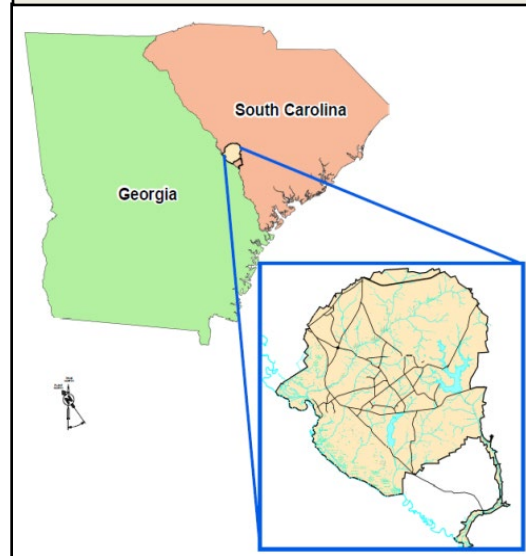


**Figure 1. SRS General**

Georgia, and 20 miles south of Aiken, South Carolina (Figure 1). Approximately 90 percent of SRS land consists of natural and managed forests.

The SRS was constructed during the 1950s to produce the basic materials used in the fabrication of nuclear weapons, primarily tritium and plutonium, in support of our nation's defense programs. Production of nuclear materials for the defense program was discontinued in 1988. SRS has provided nuclear materials for the space program, as well as for medical, industrial, and research efforts. Chemical and radioactive wastes are by-products of nuclear material production processes. These wastes have been treated, stored, and in some cases, disposed of at SRS. Past disposal practices (e.g., seepage basins, pits and piles, landfills, etc.) have resulted in soil and groundwater contamination.

| <i>Site Chronology</i> |                                                                                                                                                                                 |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1989</b>            | <i>SRS included on the National Priorities List as needing a long-term cleanup plan.</i>                                                                                        |
| <b>1993</b>            | <i>Federal Facility Agreement established with the USDOE, USEPA – Region 4, and the SCDHEC to coordinate remedial actions at SRS into one comprehensive regulatory program.</i> |
| <b>1997</b>            | <i>First SRS Five-Year Remedy Review is issued.</i>                                                                                                                             |
| <b>2004</b>            | <i>Second SRS Five-Year Remedy Review is issued.</i>                                                                                                                            |
| <b>2009</b>            | <i>Third SRS Five-Year Remedy Review is issued.</i>                                                                                                                             |
| <b>2014</b>            | <i>Fourth SRS Five-Year Remedy Review is issued.</i>                                                                                                                            |
| <b>2015</b>            | <i>Fifth SRS Five-Year Remedy Review for SRS OUs with Native Soil Covers and/or LUCs (Phase 1) is issued.</i>                                                                   |
| <b>2017</b>            | <i>Fifth Five-Year Remedy Review for SRS OUs with Groundwater Remedies (Phase 2) is issued.</i>                                                                                 |
| <b>2018</b>            | <i>Fifth Five-Year Remedy Review for SRS OUs with Engineered Cover Systems (Phase 3) is issued.</i>                                                                             |
| <b>2018</b>            | <i>Fifth Five-Year Remedy Review for SRS OUs with Geosynthetic or S/S Cover Systems (Phase 4) is issued.</i>                                                                    |
| <b>2018</b>            | <i>Fifth Five-Year Remedy Review for SRS OUs with Operating Equipment (Phase 5) is issued.</i>                                                                                  |
| <b>2019</b>            | <i>Sixth Five-Year Remedy Review for SRS OUs with Native Soil Covers and/or LUCs (Phase 1) is issued.</i>                                                                       |

## What are the Cleanup Objectives?

Remedial goals are defined for individual OUs, but generally support the following cleanup objectives:

- To prevent unacceptable exposure of human receptors and ecological receptors to contaminants in soils and groundwater.
- To prevent or minimize the migration of contaminants from soils to groundwater at levels that exceed groundwater maximum contaminant levels.
- To prevent or minimize the discharge of contaminated groundwater to surface water.

## Remedial Actions

Primary soil contaminants at SRS are cesium-137 and other radionuclides, organic chemicals,

metals, polychlorinated biphenyls, and pesticides. The primary contaminants in groundwater are volatile organic compounds, tritium, strontium-90, iodine-129, and metals to a lesser extent. Surface water has been impacted by the discharge of contaminated groundwater to site streams.

Groundwater remedies were implemented for SRS OUs that included groundwater monitoring activities as part of the interim or final remedy. These monitoring activities are primarily associated with Monitored Natural Attenuation (MNA) or a Groundwater Mixing Zone (GWMZ) permit. MNA is a passive groundwater remedial action where the fringe and dilute areas of a plume degrade by natural biogeochemical or physical processes such as biodegradation, radioactive decay, dilution, and simple dispersion. MNA remedies must be accompanied by source control and a technical justification that conditions are favorable for natural attenuation. SCDHEC may issue a GWMZ permit to implement an MNA remedy when only the uppermost groundwater aquifer is impacted.

Table 1 identifies the SRS OUs and associated remedial actions included in the Sixth Five-Year Remedy Review Report for SRS OUs with Groundwater Remedies. Figure 2 shows the location of the OUs that correspond to Table 1.

**Table 1. SRS OUs with Groundwater Remedies**

| # | SEMS No. <sup>a</sup> | Operable Unit                                                                                                    | Remedial Action <sup>b</sup>                                                                          |
|---|-----------------------|------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| 1 | 82                    | C-Area Groundwater (CAGW)                                                                                        | Electrical Resistance Heating (ERH) with Soil Vapor Extraction (SVE) <sup>c</sup>                     |
| 2 | 24                    | Chemicals, Metals, and Pesticides Pits (080-170G, 080-171G, 080-180G, 080-181G, 080-182G, 080-183G)              | Enhanced Bioremediation, ERH, SVE, Passive SVE, Soil Cover, MNA, and LUCs                             |
| 3 | 27                    | D-Area Oil Seepage Basin (631-G) (DOSB)                                                                          | Removal Action (Excavation), GWMZ, LUCs                                                               |
| 4 | 77                    | L-Area Southern Groundwater                                                                                      | MNA, LUCs                                                                                             |
| 5 | 95                    | R-Area Operable Unit (RAOU)                                                                                      | Removal Actions (In-situ decommissioning of R-Reactor Building [105-R], Excavation, Cover), MNA, LUCs |
| 6 | 25                    | R-Area Reactor Seepage Basins (904-57G, 904-58G, 904-59G, 904-60G, 904-103G, 904-104G) and 108-4R Overflow Basin | Concrete Intruder Barrier, Excavation, On-Site Disposal, GWMZ, LUCs                                   |

a Superfund Enterprise Management System

b In addition to groundwater remedies, OUs may also include subunits with contaminants in soils or building material (i.e., concrete) that are addressed by the remedy decision document.

c LUCs are not a component of the interim remedy for CAGW OU and will be addressed (if needed) by the final action.



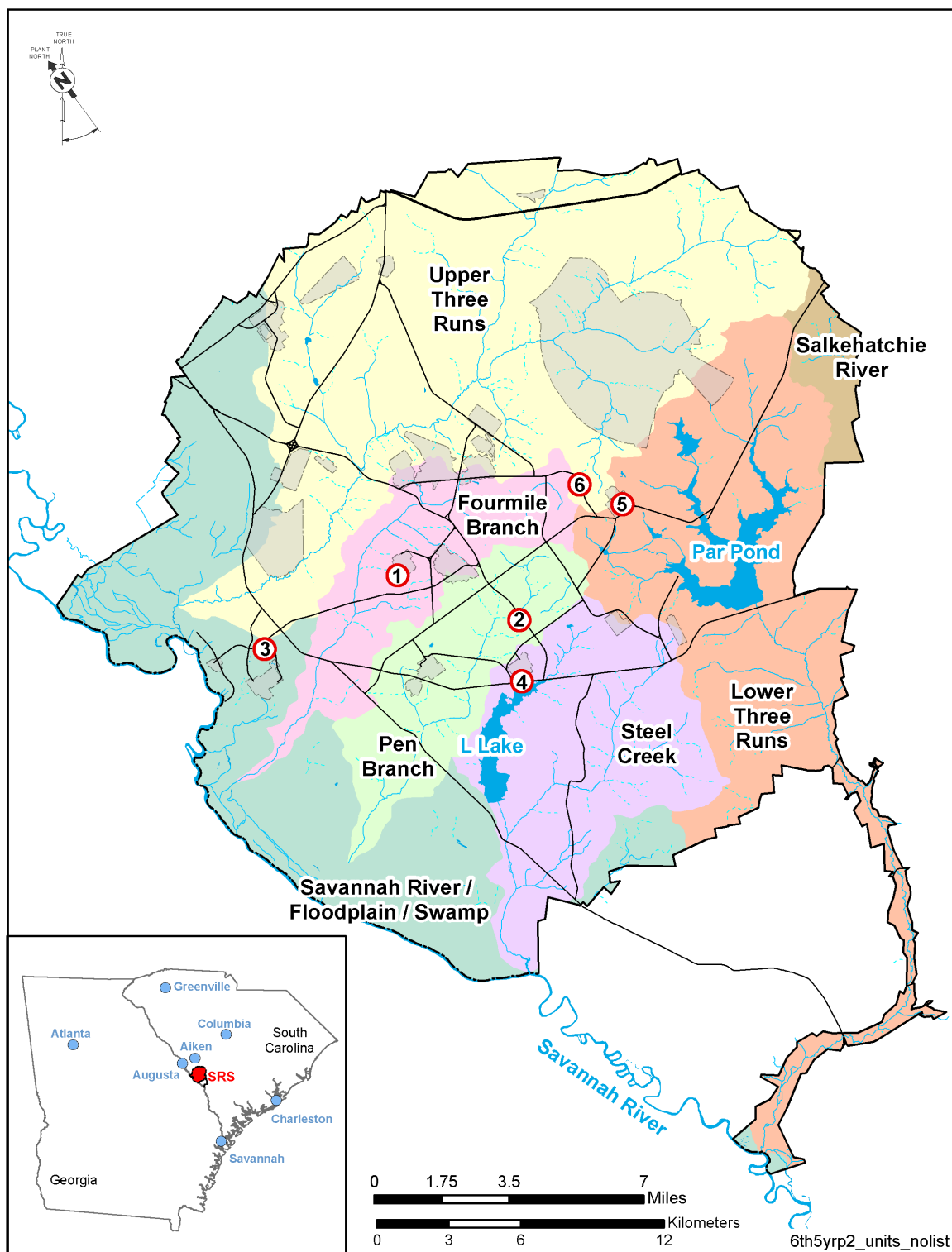


Figure 2. Location Map for SRS OUs with Groundwater Remedies



## Major Developments Since Last Five-Year Remedy Review

- The Fifth Five-Year Remedy Review Report included the L-Area Burning/Rubble Pit (131-L), Gas Cylinder Disposal Facility (131-2L) and L-Area Rubble Pile (131-3L) (LBRP) OU. However, the USEPA and SCDHEC approved USDOE's request to 1) discontinue monitoring and reporting at the LBRP OU; and 2) designate LBRP OU as a No Action OU, since groundwater contamination no longer exceeds regulatory limits. Therefore, the LBRP OU is not discussed in the Sixth Five-Year Remedy Review Report for SRS OUs with Groundwater Remedies.
- 1,4-Dioxane was added to the annual groundwater monitoring at three wells (DOB 15, DOL 2, and DOB 16) for the DOSB OU to collect sufficient trend data.
- Groundwater monitoring at the RAOU will focus on the most mobile constituents (carbon-14, chlorine-36, iodine-129, and tritium) every five years at ten in-situ decommissioning wells based on regulatory approved recommendations in the *Addendum to the Effectiveness Monitoring Plan (EMP) for the R-Area Operable Unit*. In addition, carbon-14 and tritium will be monitored annually for five years (2018 to 2022) at five wells because carbon-14 was detected in one sample in 2017. Monitoring for 1,4-dioxane is no longer required at RAOU based on monitoring results and as agreed to by the approved *R-Area Groundwater (NBN) Effectiveness Monitoring Report in Support of R-Area Operable Unit (U) January 2015 through December 2015* and subsequent comment responses. Starting in 2018, the reporting requirements for RAOU were revised from annual to biennially.

## Protectiveness Summary

- All remedies were determined to be protective of human health and the environment.
- The ERH with SVE interim remedy for the CAGW OU was determined to be protective of human health and the environment in the short-term. However, in order for the remedy to be protective in the long-term, additional remedial actions, including LUCs (if needed), will need to be implemented. SRS facility security and administrative controls that restrict unauthorized access to the CAGW OU are not part of the interim remedy and therefore not recognized as long-term protective. SRS will include CAGW OU in Appendix A of the Federal Facility Agreement (FFA) Annual Progress Report to demonstrate long-term protectiveness through the SRS facility security and administrative controls. The report is required by the FFA and includes annual certification by the USDOE SRS Manager that the listed OUs are in compliance with land use requirements.

## Next Five-Year Remedy Review

The Seventh Five-Year Remedy Review Report for SRS OUs with Groundwater Remedies is due in January 2026.

**For More Information**

For more information regarding the complete SRS Sixth Five-Year Remedy Report for SRS OUs with Groundwater Remedies, please contact:

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# **Sixth Five-Year Remedy Review Report for Savannah River Site Operable Units with Groundwater Remedies (U)**

**Aiken, South Carolina**

**SEMS Number: 00**

**SRNS-RP-2019-00511**

**Revision 1**

**July 2020**

**DISCLAIMER**

**This document was prepared in conjunction with work accomplished under Contract No. DE-AC09-08SR22470 with the U. S. Department of Energy.**

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Savannah River Nuclear Solutions, LLC  
Aiken, South Carolina**

**Sixth Five-Year Remedy Review Report for SRS OUs  
with Groundwater Remedies (U)  
Savannah River Site  
July 2020**

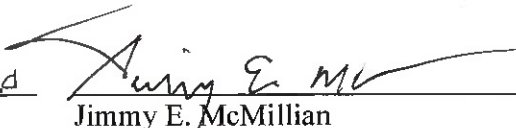
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**SRNS-RP-2019-00511**

**Rev. 1**

30 Sep 2020

Date

  
Jimmy E. McMillian  
Assistant Manager for Infrastructure and Environmental Stewardship  
U. S. Department of Energy  
Savannah River Operations Office

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10-8-2020

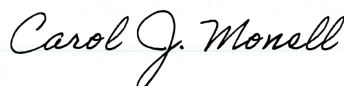
Date

  
Henry J. Porter, Chief  
Bureau of Land and Waste Management  
South Carolina Department of Health and Environmental Control

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11/19/20

Date

  
Carol J. Monell  
Director  
Superfund and Emergency Management Division  
U. S. Environmental Protection Agency - Region 4

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## **EXECUTIVE SUMMARY**

This document presents the results of a technical evaluation of environmental remedies that implemented groundwater remediation at Savannah River Site (SRS). The remedies are evaluated to determine whether they are functioning as designed and whether they remain protective of human health and the environment. This evaluation is required under Section 121 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended by the Superfund Amendments and Reauthorization Act of 1986. CERCLA requires that remedial actions that result in any hazardous substances, pollutants, or contaminant remaining at the site be subject to a remedy review every five years.

Previous five-year remedy review reports combined into a single document all SRS operable units (OUs) that had implemented a remedial action. The Fourth Five-Year Remedy Review Report, issued in February 2014, reviewed 52 SRS remedy decision documents. A recommendation was made by SRS in the Fourth Five-Year Remedy Review Report that future reviews should be conducted in phases based on OU groupings with similar remedies. This phased approach not only reduces the volume of future remedy reports, but also is more effective in identifying and resolving issues for similar remedies. Beginning with the Fifth Five-Year Remedy Review Report, technical evaluations are conducted in five phases, approximately one year apart, with OUs grouped by the following remedy types: (1) native soil covers and/or land use controls (LUCs); (2) groundwater; (3) engineered cover systems; (4) geosynthetic or stabilization/solidification cover systems; and (5) operating equipment. The Sixth Five-Year Remedy Review Report will be conducted in five phases based on the remedy type with this report evaluating SRS OUs that have groundwater remediation as a final remedy.

According to the data reviewed and the site inspections, the remedies evaluated in this report are functioning as intended. The exposure assumptions, toxicity data, cleanup levels, and remedial action objectives used at the time of remedy selection are still valid. No new information has come to light that calls into question the protectiveness of any of the remedies evaluated. The remedies have been determined to still be protective of human health and the environment. No issues or recommendations resulted from the remedy review.

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**LIST OF ACRONYMS AND ABBREVIATIONS**

|                  |                                                                                                     |
|------------------|-----------------------------------------------------------------------------------------------------|
| ac               | acre or acres                                                                                       |
| ARAR             | applicable or relevant and appropriate requirement                                                  |
| bgs              | below ground surface                                                                                |
| BHC              | benzene hexachloride                                                                                |
| BPRG             | Building Preliminary Remediation Goal                                                               |
| BRA              | Baseline Risk Assessment                                                                            |
| CA               | contamination area                                                                                  |
| CAGW             | C-Area Groundwater                                                                                  |
| CBRP             | C-Area Burning/Rubble Pit (131-C)                                                                   |
| CCl <sub>4</sub> | carbon tetrachloride                                                                                |
| CERCLA           | Comprehensive Environmental Response, Compensation and Liability Act                                |
| CFR              | Code of Federal Regulations                                                                         |
| Ci               | curie or curies                                                                                     |
| cDCE             | cis-1,2-dichloroethylene                                                                            |
| cm               | centimeter or centimeters                                                                           |
| CM               | contaminant migration                                                                               |
| cm/sec and cm/s  | centimeter per second                                                                               |
| CMCOC            | contaminant migration constituent of concern                                                        |
| CMP Pits         | Chemicals, Metals, and Pesticides Pits (080-170G, 080-171G, 080-180G, 080-181G, 080-182G, 080-183G) |
| CMS/FS           | Corrective Measures Study/Feasibility Study                                                         |
| CO <sub>2</sub>  | carbon dioxide                                                                                      |
| COC              | constituent of concern                                                                              |
| CPT              | cone penetrometer technology                                                                        |
| CRSB             | C-Area Reactor Seepage Basins                                                                       |
| +D               | plus daughter                                                                                       |
| DCE              | dichloroethene                                                                                      |
| DCM              | dichloromethane                                                                                     |
| DDD              | p,p'-dichlorodiphenyldichloroethane                                                                 |
| DDE              | p,p'-dichlorodiphenyldichloroethylene                                                               |
| DDT              | p,p'-dichlorodiphenyltrichloroethane                                                                |
| DO               | dissolved oxygen                                                                                    |
| DOSB             | D-Area Oil Seepage Basin (631-G)                                                                    |
| DNAPL            | dense non-aqueous phase liquid                                                                      |
| EAROD            | Early Action Record of Decision                                                                     |
| EC&ACP           | Environmental Compliance and Area Completion Projects                                               |
| ECO              | ecological                                                                                          |
| ECODS            | Early Construction and Operational Disposal Site                                                    |

**LIST OF ACRONYMS AND ABBREVIATIONS (*continued*)**

|                      |                                                               |
|----------------------|---------------------------------------------------------------|
| EE/CA                | Engineering Evaluation/Cost Analysis                          |
| EIS                  | Environmental Impact Statement                                |
| EMP                  | Effectiveness Monitoring Plan                                 |
| EMR                  | Effectiveness Monitoring Report                               |
| ERH                  | electrical resistance heating                                 |
| ESD                  | Explanation of Significant Differences                        |
| FFA                  | Federal Facility Agreement                                    |
| FONSI                | Finding of No Significant Impact                              |
| FY                   | fiscal year                                                   |
| ft                   | foot or feet                                                  |
| ft <sup>3</sup>      | cubic foot or cubic feet                                      |
| ft <sup>3</sup> /min | cubic feet per minute                                         |
| GA                   | Gordon Aquifer                                                |
| gal                  | gallon                                                        |
| GAU                  | Gordon Aquifer Unit                                           |
| GMZA                 | Groundwater Mixing Zone Application                           |
| GWMZ                 | Groundwater Mixing Zone                                       |
| ha                   | hectare or hectares                                           |
| HH                   | human health                                                  |
| ICA                  | Isolated Contamination Area                                   |
| in                   | inch or inches                                                |
| IRA                  | interim remedial action                                       |
| IROD                 | Interim Record of Decision                                    |
| ISD                  | in situ decommissioning                                       |
| KBRP                 | K-Area Burning/Rubble Pit and Rubble Pile (131-K and 631-20G) |
| km                   | kilometer or kilometers                                       |
| km <sup>2</sup>      | square kilometer or square kilometers                         |
| L                    | liter or liters                                               |
| LADB                 | L-Area Disassembly Basin                                      |
| LAERB                | L-Area Emergency Retention Basin                              |
| LAHS                 | L-Area Hot Shop                                               |
| LAOCB                | L-Area Oil and Chemical Basin                                 |
| LASG                 | L-Area Southern Groundwater                                   |
| LAZ                  | Lower Aquifer Zone                                            |
| lbs                  | pound or pounds                                               |
| LBRP                 | L-Area Burning/Rubble Pit (131-L)                             |
| LLC                  | Limited Liability Company                                     |
| LRSB                 | L-Area Reactor Seepage Basin                                  |
| LUCAP                | Land Use Controls Assurance Plan                              |
| LUCIP                | Land Use Controls Implementation Plan                         |
| LUC                  | land use control                                              |
| m                    | meter or meters                                               |

**LIST OF ACRONYMS AND ABBREVIATIONS (*continued*)**

|                 |                                                                  |
|-----------------|------------------------------------------------------------------|
| m <sup>3</sup>  | cubic meter or cubic meters                                      |
| MCL             | maximum contaminant level                                        |
| mi              | mile or miles                                                    |
| mi <sup>2</sup> | square mile or square miles                                      |
| mV              | milliVolt                                                        |
| µg/kg           | microgram per kilogram                                           |
| µg/L            | microgram per Liter                                              |
| mg/kg           | milligrams per kilogram                                          |
| MAZ             | Middle Aquifer Zone                                              |
| MNA             | monitored natural attenuation                                    |
| msl             | mean sea level                                                   |
| MZ              | mixing zone                                                      |
| MZCL            | mixing zone concentration limit                                  |
| N/A             | not applicable                                                   |
| NBN             | no building number                                               |
| NCP             | National Oil and Hazardous Substances Pollution Contingency Plan |
| NFA             | No Further Action                                                |
| NPL             | National Priorities List                                         |
| NRDC            | National Resource Defense Council                                |
| NTCR            | non-time critical removal                                        |
| O&M             | operation and maintenance                                        |
| ORP             | oxidation reduction potential                                    |
| OU              | operable unit                                                    |
| PAR             | P and R                                                          |
| PBRP            | P-Area Burning/Rubble Pit (131-P)                                |
| PCB             | polychlorinated biphenyl                                         |
| PCE             | tetrachloroethylene                                              |
| pCi/g           | picoCuries per gram                                              |
| pCi/mL          | picoCuries per milliliter                                        |
| pCi/L           | picoCuries per liter                                             |
| PCR             | Post Construction Report                                         |
| PRG             | Preliminary Remediation Goal                                     |
| PSA             | Potential Source Area                                            |
| PSL             | process sewer line                                               |
| PTSM            | principal threat source material                                 |
| RAGW            | R-Area Groundwater                                               |
| RAO             | remedial action objective                                        |
| RAOU            | R Area Operable Unit                                             |
| RCOC            | refined constituent of concern                                   |
| RCRA            | Resource Conservation and Recovery Act                           |
| RFI             | RCRA Facility Investigation                                      |
| RG              | remedial goal                                                    |

**LIST OF ACRONYMS AND ABBREVIATIONS (*continued/end*)**

|                 |                                                                                                                  |
|-----------------|------------------------------------------------------------------------------------------------------------------|
| RGO             | remedial goal option                                                                                             |
| RI              | Remedial Investigation                                                                                           |
| ROD             | Record of Decision                                                                                               |
| RPSL            | R-Area Process Sewer Line                                                                                        |
| RRSB            | R-Area Reactor Seepage Basins (904-57G, 904-58G, 904-59G, 904-60G, 904-103G, 904-104G) and 108-4R Overflow Basin |
| RSER            | Removal Site Evaluation Report                                                                                   |
| RSL             | regional screening level                                                                                         |
| RUNK            | R-Area Unknown                                                                                                   |
| SARA            | Superfund Amendments and Reauthorization Act of 1986                                                             |
| SCDHEC          | South Carolina Department of Health and Environmental Control                                                    |
| SEMS            | Superfund Enterprise Management System                                                                           |
| SPRG            | surface preliminary remediation goal                                                                             |
| SRS             | Savannah River Site                                                                                              |
| SRNS            | Savannah River Nuclear Solutions, LLC                                                                            |
| SSHASP          | Site-Specific Health and Safety Plan                                                                             |
| SVE             | soil vapor extraction                                                                                            |
| TBD             | to be determined                                                                                                 |
| TCE             | trichloroethylene                                                                                                |
| TCCZ            | Tan Clay Confining Zone                                                                                          |
| TZ              | Transmissive Zone                                                                                                |
| USDOE           | United States Department of Energy                                                                               |
| USEPA           | United States Environmental Protection Agency                                                                    |
| UST             | underground storage tanks                                                                                        |
| UTRA            | Upper Three Runs Aquifer                                                                                         |
| VC              | vinyl chloride                                                                                                   |
| VOC             | volatile organic compound                                                                                        |
| WADB            | Wetland Area at Dunbarton Bay                                                                                    |
| WSRC            | Washington Savannah River Company                                                                                |
| WSRC            | Westinghouse Savannah River Company                                                                              |
| yd              | yard or yards                                                                                                    |
| yd <sup>3</sup> | cubic yard or cubic yards                                                                                        |

## **SAVANNAH RIVER SITE SUMMARY**

### **I. INTRODUCTION**

Section 121 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA), requires that remedial actions which result in any hazardous substances, pollutants, or contaminant remaining at the site be subject to a five-year remedy review. The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) further provides that remedial actions which result in any hazardous substances, pollutants, or contaminants remaining at the site above levels that allow for unlimited use and unrestricted exposure be reviewed every five years to ensure protection of human health and the environment. The purpose of five-year remedy reviews is to evaluate the implementation and performance of the selected remedy at an operable unit (OU) to determine if the remedy is and will continue to be protective of human health and the environment. The evaluation of the remedy and the determination of protectiveness should be based on and sufficiently supported by data and visual inspections. The methods, findings, and conclusions of remedy reviews are documented in Five-Year Remedy Review Reports. The reports also identify any issues found during the review and provide recommendations to address the issues.

The U.S. Department of Energy (USDOE) prepared this sixth five-year remedy review for Savannah River Site (SRS) OUs that had groundwater remediation selected as a remedial action pursuant to CERCLA Section 121 and as amended by SARA and the NCP. During implementation of the five-year remedy review process at the SRS, the U.S. Environmental Protection Agency (USEPA), the South Carolina Department of Health and Environmental Control (SCDHEC), and the USDOE recognized that remedial action decision document(s) would be issued for multiple OUs. Rather than generate individual five-year remedy review reports for each OU, the USDOE and regulatory agencies determined that it would be more cost effective to conduct a remedy review for all applicable OUs on the same five-year cycle. The First Five-Year Remedy Review was issued in August 1997

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(WSRC 1997); the Second Five-Year Remedy Review was issued in February 2004 (WSRC 2003); the Third Five-Year Remedy Review was issued in January 2009 (WSRC 2008b); the Fourth Five-Year Remedy Review was issued in February 2014 (SRNS 2014); and the Fifth Five-Year Remedy Review was issued in December 2018 (SRNS 2015, SRNS 2017a, SRNS 2018a, SRNS 2018b, and SRNS 2018c).

The size of each report has grown considerably since 1997 due to the growing number of OU remedies evaluated, and the level of detail required for data reviews, site inspection reporting, and document formatting based on USEPA guidance. To allow for a more even distribution of resources, a recommendation was made by SRS in the Fourth Five-Year Remedy Review Report (SRNS 2014) that future reviews should be conducted in phases based on OU groupings with similar remedies. In addition to a reduction in the total volume for future remedy review reports, evaluating similar remedies in the same review period would support easier identification and resolution of similar issues and allow for more efficient implementation of similar initiatives. Beginning with the Fifth Five-Year Remedy Review Report, the USDOE, USEPA, and SCDHEC agreed to segregate the five-year remedy review reports into five OU groupings (grouped by remedy similarity) with a different group submitted annually on a five-year cycle. The SRS OUs are grouped by the following remedy types:

- (1) Native Soil Covers and/or Land Use Controls (LUCs);
- (2) Groundwater;
- (3) Engineered Cover Systems;
- (4) Geosynthetic or Stabilization/Solidification Cover Systems; and
- (5) Operating Equipment.

The trigger date for submittal of the next five-year remedy review report to the regulatory agencies is based on the USEPA signature date of the previous report. Therefore, the final signature for the last grouping of Sixth Five-Year Remedy Review Report is due no later than January 21, 2024. A more detailed discussion of the phased reviews and transition schedule are provided in Appendix A.

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This report documents the Sixth Five-Year Remedy Review for OUs with groundwater remediation selected as the final remedy and includes a review of remedy decision documents for six USEPA Superfund Enterprise Management System (SEMS) units at the SRS. SEMS is a database maintained by the USEPA as part of the Superfund program that assigns a unique tracking number to hazardous waste sites considered for cleanup under CERCLA. Remedy decision documents may include more than one SEMS unit and/or SRS OU.

The SRS OUs evaluated in this document were grouped together because of similar groundwater monitoring activities associated with Monitored Natural Attenuation (MNA) or a Groundwater Mixing Zone permit. Figure 1 identifies the location of the SRS OUs evaluated in this document. The data evaluation and visual inspections for the SRS OUs with groundwater remedies were conducted from August 2019 through November 2019.

This report was prepared using the *Comprehensive Five-Year Review Guidance* (USEPA 2001) and is supplemented by the *Recommended Evaluation of Institutional Controls: Supplement to the “Comprehensive Five-Year Review Guidance”* (USEPA 2011), *Clarifying the Use of Protectiveness Determinations for Comprehensive Environmental Response, Compensation, and Liability Act Five-Year Reviews* (USEPA 2012), and *Five-Year Review Recommendation Template* (USEPA 2016). This report summarizes common elements for the entire SRS. The remedy reviews are included as Appendix C through Appendix H.

### **Site Chronology**

A summary of the regulatory history of the SRS is provided below beginning with the 1988 National Resource Defense Council (NRDC) Consent Decree (Civil Action No. 1:85-2583-6). The Consent Decree was an agreement between the NRDC and other interested parties, SCDHEC, and USDOE to amend Parts A and B of the Resource Conservation and Recovery Act (RCRA) Permit Application to include the Metallurgical Laboratory Basin (904-11G) and associated Carolina Bay, the Acid/Caustic Basins (904-74G, 904-75G, 904-78G, and 904-80G), and the Mixed Waste Management Facility (904-28G) to include

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closure, groundwater monitoring, and post-closure activities. The Savannah River Laboratory Seepage Basins (904-53G, 904-54G, and 904-55G) and the New TNX Basin (904-120G) were also included in the Consent Decree for closure in a RCRA-like manner. The Consent Decree was signed on May 26, 1988. On December 21, 1989, SRS was included on the National Priorities List (NPL). The inclusion created a need to integrate the established RCRA Facility Investigation (RFI) program with CERCLA requirements to provide for a focused environmental program. In accordance with Section 120 of CERCLA 42 U.S. Code Section 9620, the USDOE has negotiated a Federal Facility Agreement (FFA) (FFA 1993) with the USEPA and the SCDHEC to coordinate remedial activities at SRS into one comprehensive program which fulfills these dual regulatory requirements. USDOE functions as the lead agency for remedial activities at SRS, with concurrence by the USEPA-Region 4 and the SCDHEC.

A chronology of site events including the effective dates for the Consent Decree, the FFA, and the NPL Listing is provided in Appendix A. Table 1 is the Five-Year Summary Review Form, which provides a summary status of SRS. Table 2 provides a chronology of the decision documents for the SRS OUs with groundwater remedies evaluated in this report. Chronologies of significant activities and regulatory milestones for individual OUs are included in the site-specific remedy review reports (Appendix C through Appendix H).

## **Background**

The SRS was constructed during the 1950s to produce the basic materials used in the fabrication of nuclear weapons, primarily tritium and plutonium, in support of our nation's defense programs. Production of nuclear materials for the defense program was discontinued in 1988. SRS has provided nuclear materials for the space program, as well as for medical, industrial, and research efforts up to the present. Chemical and radioactive wastes are by-products of nuclear material production processes. These wastes have been treated, stored, and in some cases, disposed of at SRS. Past disposal practices (e.g., seepage basins, pits and piles, landfills, etc.) have resulted in soil and groundwater contamination.

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Hazardous waste materials handled at SRS are managed under RCRA, a comprehensive law requiring responsible management of hazardous waste. Certain SRS activities require SCDHEC operating or post-closure permits under RCRA. SRS received a RCRA hazardous waste permit from the SCDHEC, which was most recently renewed on February 11, 2014. Module VIII of the Hazardous and Solid Waste Amendments portion of the RCRA permit mandates corrective action requirements for non-regulated solid waste management units subject to RCRA 3004(u).

### ***Physical Characteristics***

SRS occupies approximately 802.9 km<sup>2</sup> (310 mi<sup>2</sup>) of land adjacent to the Savannah River, principally in Aiken and Barnwell counties of South Carolina (Figure 1). SRS is located approximately 40 km (25 mi) southeast of Augusta, Georgia, and 32 km (20 mi) south of Aiken, South Carolina. Approximately 90 percent of SRS land consists of natural and managed forests. The locations at SRS where nuclear materials were produced, stored, and disposed are clustered into distinct industrial areas that are separated by large areas of forest. OUs are generally contained within or adjacent to these industrial areas.

SRS is located on the Atlantic Coastal Plain. Subsurface and groundwater contamination associated with OUs is in unconsolidated sands and clays. The depth to the water table at SRS varies from just below the surface in wetlands and near streams to approximately 39 m (130 ft) below ground surface. Recharge to the aquifers underlying the SRS is primarily through rainfall. Groundwater flows toward and discharges into site streams and the floodplain of the Savannah River.

### ***Land and Resource Use***

For nearly 40 years, USDOE and its predecessor agencies produced nuclear materials for the nation's defense programs at SRS. Today, the focus of the USDOE has shifted to environmental stewardship, clean energy initiatives, and national security.

The future land use for all of the OUs at SRS is anticipated to be industrial with the USDOE maintaining control of the land. According to the *Savannah River Site Future Use Project*

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*Report* (USDOE 1996), residential uses of SRS land should be prohibited. LUCs selected as part of the remedial action will prohibit residential use of the area.

SRS obtains its own drinking and process water supply from groundwater located beneath the SRS. SRS domestic and process water systems are supplied from a network of approximately 40 wells in widely scattered locations across the site, of which eight wells supply the primary drinking water system. Wells serving site process and drinking water in the larger site areas are typically 180 to 270 m (600 to 900 ft) in depth and pump water from the deeper Crouch Branch and McQueen Branch aquifers. Wells serving the smaller site facilities, such as barricades, pumphouses, and field laboratories, are shallower in depth (30 to 90 m [100 to 300 ft]) and are similar to large household-type wells. The SRS domestic water systems meet state and federal drinking water standards.

### ***History of Contamination***

During the early 1950s, SRS began to produce materials used in nuclear weapons, primarily tritium, plutonium-239, and other special nuclear materials for national defense and the space program. Chemical and radioactive wastes are by-products of nuclear material production processes. These wastes have been treated, stored, and in some cases disposed of at SRS. Hazardous substances, as defined by the CERCLA, are currently present in the environment at SRS, with past disposal practices (e.g., seepage basins, pits and piles, landfills, etc.) resulting in soil and groundwater contamination.

## **II. RESPONSE ACTION SUMMARY**

### **Initial Response**

After SRS was placed on the NPL in 1989, the SRS Site Evaluation program was initiated to identify potential release sites present at SRS that would require investigation and potential remediation under CERCLA. Five hundred fifteen (515) potential release sites have been identified. The FFA includes a schedule for the investigation and remedial action (if needed) for each potential release site not already completed.

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A core team process for sharing and interpreting information and working together to reach agreement on key remedial decisions among USDOE, USEPA, and SCDHEC was implemented at SRS in 2000. The core team process has made environmental cleanup at SRS efficient and has allowed remediation at many OUs to be accomplished on an accelerated schedule.

The collaborative efforts of the USDOE, USEPA, and SCDHEC support a consistent approach to site characterization, human health and ecological risk analyses, remedy selection, establishment of remedial goals (RGs) and remedy implementation for individual OUs at SRS. Technical and administrative protocols have been established to promote the consistent implementation of USEPA guidance at OUs across SRS. An environmental database is used to track sampling, analysis, and results of environmental characterization and monitoring. An SRS Area Completion Strategy (WSRC 2006) was developed which allowed for the simultaneous characterization and cleanup of multiple OUs and potential sources of contamination collocated in congested industrial areas.

Table 3 provides a summary of the LUC objectives for the OUs with groundwater remedies.

### **Basis for Taking Action**

Groundwater contaminant plumes associated with SRS OUs cover approximately 2,023 hectares (5,000 acres) of the SRS. The lateral extent of these plumes is indicated on Figure 2. The primary contaminants in groundwater are volatile organic compounds (VOCs) and tritium. Strontium-90, iodine-129, and metals are present in groundwater above drinking water standards to a lesser extent. VOCs are present in the vadose zone between the source unit and the groundwater at a number of OUs and act as a secondary source of contamination to the groundwater.

Remedial actions which result in any hazardous substances, pollutants, or contaminants remaining on-site above levels that allow for unlimited use and unrestricted exposure are reviewed every five years to ensure protection of human health and the environment. The specific contaminants and remedial actions for each OU in this five-year remedy review

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are described in greater detail in the OU-specific appendices (Appendix C through Appendix H).

### **Remedial Actions**

Remedial actions may target source areas, soil, vadose zone, and/or groundwater. RGs are defined for individual OUs, but in general, remedial action objectives (RAOs) at SRS are:

- Prevent exposure of trespassers, industrial workers, and hypothetical residents to soils or groundwater containing unacceptable levels of contaminants.
- Prevent exposure of ecological receptors to soils or groundwater containing unacceptable levels of contaminants.
- Prevent or minimize the migration of contaminants to groundwater at levels that exceed maximum contaminant levels (MCLs)/RGs.
- Reduce the contaminant concentrations in the groundwater plume to below MCLs/RGs.
- Prevent or minimize the discharge of contaminated groundwater to surface water.

Additionally, LUCs are part of all remedial actions where hazardous substances, pollutants, or contaminants remain on-site above levels that allow for unlimited use and unrestricted exposure. The type of LUCs and implementation and reference to the OU-specific land use control implementation plan (LUCIP) are described in Section VII of the OU-specific appendices. LUCs are defined for individual OUs, but in general, LUC objectives at SRS are:

- Prevent exposure to, or ingestion of, contaminated media.
  - Prohibit residential use.
  - Prevent unauthorized access.
  - Prevent unauthorized intrusive activity.
-

Table 2 lists the remedial actions for each of the OUs in this five-year remedy review report. The remedial actions are described in greater detail in the OU-specific appendices (Appendix C through Appendix H). Table 3 provides a summary of the LUC objectives for the OUs with groundwater remedies.

### **Status of Implementation**

The remedial actions listed in Table 2 have been implemented. Except for C-Area Groundwater OU, LUCs are ongoing at all OUs discussed in this five-year remedy review report. Because the remedy for the C-Area Groundwater (CAGW) OU is an interim remedy, LUCs will be addressed (if needed) as a component of the remedy in the final Record of Decision (ROD). The status of all response actions or remedial actions for each of the groundwater remedies is discussed in greater detail in the OU-specific appendices (Appendix C through Appendix H). These actions include removal and remedial actions conducted prior to a final ROD.

### **Systems Operation and Maintenance**

A site-wide maintenance program is in place to care for cover systems, signs, monitoring wells, and other infrastructure associated with environmental remediation. Groundwater monitoring networks require maintenance. Identifying signs must be legible and locks and wells covers must be operational. Access to the wells must be maintained. Pumps and fittings periodically require repair or replacement, and sometimes wells are refurbished, redeveloped, or abandoned.

Groundwater monitoring is an important component of operation and maintenance (O&M) at SRS. Groundwater monitoring includes installing monitoring wells, collecting water samples, analysis of samples at laboratories, data management, data interpretation, and document production. Groundwater monitoring reports are produced and submitted to USEPA and SCDHEC for individual OUs where monitoring and reporting are required. Enhancements to the groundwater sampling systems are part of a continual groundwater monitoring well O&M improvement program. For example, Purge Water Management System (PWMS) units were installed at wells that require containerization to decrease the

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amount of purge water requiring treatment, thus lowering O&M (sampling) costs. As reported in Table 4, Operation and Maintenance Cost Comparison for SRS OUs with Groundwater Remedies, any cost savings from the PWMS units are captured in the actual costs.

The costs of the O&M activities for the individual OUs have been compiled as part of this five-year remedy review. As part of the process of selecting the most appropriate action for each OU, the cost of implementing each of the remedies was estimated and reported in the respective remedy decision documents. Table 4 compares the actual costs incurred at SRS OUs with groundwater remedies over the period from fiscal year (FY) 2015 to FY2019 to the estimated costs from the remedy decision documents over the same period. The review for the actual costs incurred (i.e., FY2015 to FY2019) is based on the time-period since the last review five-year remedy review. Specific details concerning costs incurred are included for each OU in Appendix C through Appendix H.

### **III. PROGRESS SINCE LAST REVIEW**

For the OUs evaluated in this review, the previous protectiveness statements from the Fifth Five-Year Remedy Review Report (SRNS 2017a) concluded that all OUs were found to be protective (Table 5).

The recommendation from the Fifth Five-Year Remedy Review Report that impact the OUs with groundwater remedies evaluated in this report are as follows (Table 6):

- SRS recommended continued monitoring of 1,4-dioxane for two OUs and reporting of the results in the OU-specific groundwater reports. Based on the monitoring results, the USEPA, SCDHEC, and USDOE will determine whether 1,4-dioxane should be permanently added to the list of monitored constituents. For this report, this recommendation pertains to the D-Area Oil Seepage Basin (631-G) (DOSB) OU and R-Area Operable Unit (RAOU). Based on comprehensive sampling, 1,4-dioxane was added to the annual groundwater monitoring at the DOSB. Monitoring is no longer required at RAOU as agreed to by the approved *R-Area Groundwater (NBN)*



*Effectiveness Monitoring Report in Support of the R-Area Operable Unit (U) January 2015 through December 2015* (SRNS 2016) and subsequent comment responses.

The K-Area Burning/Rubble Pit and Rubble Pile (131-K and 631-20G) (KBRP), L-Area Burning/Rubble Pit and Rubble Pile (131-L, 131-1L, and 131-2L) (LBRP), and P-Area Burning/Rubble Pit (131-P) (PBRP) Operable Units (OUs) Detailed Combined Groundwater Monitoring Report (SRNS 2017b) included data and a recommendation to discontinue monitoring and reporting at the LBRP OU (SEMS #56). As stated in the report, the LBRP OU ROD (WSRC 2002) selected Groundwater Mixing Zone with institutional controls (i.e., LUCs) as the remedial action until the maximum contaminant level for carbon tetrachloride is no longer exceeded for groundwater. The USEPA and SCDHEC agreed with the recommendation to discontinue monitoring and reporting at the LBRP OU in letters dated October 3, 2017 and October 25, 2017, respectively. Since monitoring and reporting have been discontinued at the LBRP OU, the institutional controls (i.e., LUCs) are no longer required because remedial goals for unrestricted land use have been achieved. The LBRP unit has been identified as a No Action site in Appendix A.

Groundwater monitoring at the RAOU will focus on the most mobile constituents (carbon-14, chlorine-36, iodine-129, and tritium) every five years at ten in situ decommissioning wells based on regulatory approved recommendations in the *Addendum to the Effectiveness Monitoring Plan (EMP) for the R-Area Operable Unit*. In addition, carbon-14 was detected in on sample in 2017. Monitoring for 1,4-dioxane is no longer required at RAOU based on monitoring results and regulatory agreement. Starting in 2018, the reporting requirements for RAOU were revised from annually to biennially.

#### **IV. FIVE-YEAR REMEDY REVIEW PROCESS**

USDOE has implemented the Sixth Five-Year Remedy Review for SRS OUs with groundwater remedies. The review specifically evaluated remedies by comparing them to the OU-specific decision documents. The following actions were taken to perform the Sixth Five-Year Remedy Review for this category:

- Submitted a scoping summary to USDOE, USEPA, and SCDHEC on August 15, 2019. The USDOE, USEPA, and SCDHEC agreed to the scope and schedule of the remedy review report, which is discussed in the scoping summary;
  - Published an announcement on October 10, 2019 that the USDOE is conducting the Sixth Five-Year Remedy Review in phases. The announcement stated that the second phased submittal will focus on OUs with groundwater remedies. The public was notified through mailings of *The Savannah River Site Environmental Bulletin*, a newsletter sent to citizens in South Carolina and Georgia on an extensive mailing list, including landowners adjacent to SRS, and through notices in the *Aiken Standard* (Aiken, SC), *The Augusta Chronicle* (Augusta, GA), *The People Sentinel* (Allendale and Barnwell, SC), and *The State* (Columbia, SC) newspapers. The Environmental Bulletin and newspaper affidavits of publication are available in the Administrative Record File;
  - Reviewed appropriate data, documentation (i.e., including RODs, Early Action RODs [EARODs], Interim RODs [IRODs], Explanation of Significant Differences [ESDs], ROD Amendments), LUCIP required field inspection checklists, etc. The specific data and document references used to review each remedy decision are listed in the OU-specific reports located in Appendix C through Appendix H;
  - Confirmed protectiveness of the remedial actions through inspections and interviews. Cognizant personnel were interviewed as to the status and success of the current remedial systems. The results of the inspections and interviews are documented in the Site Inspection Checklist included with the OU-specific reports located in Appendix C through Appendix H;
  - Reviewed changes in standards and to-be-considered guidance including federal and state promulgated standards (i.e., chemical-specific applicable or relevant and appropriate requirements [ARARs]) that would call into question whether the prescribed remedy was meeting the newer standards or guidance. Any problems or
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discrepancies are reported in Section V (Technical Assessment) and Section VI (Issues/Recommendations) of the OU-specific appendices; and

- Submitted draft Fact Sheet to USEPA and SCDHEC for review with Revision 0 of the Sixth Five-Year Remedy Review Report for SRS OUs with Groundwater Remedies.

### **Community Notification and Involvement**

USDOE will address any comments received from USEPA and SCDHEC and provide a Revision 1 report, if necessary, for USEPA and SCDHEC approval. After the USEPA and SCDHEC approve this report and USDOE, USEPA, and SCDHEC sign this report, a notice of its availability will be published in the *Aiken Standard* (Aiken, SC), *The Augusta Chronicle* (Augusta, GA), *The People Sentinel* (Allendale and Barnwell, SC), and *The State* (Columbia, SC) newspapers. Additionally, the availability of the report will be announced in *The Savannah River Site Environmental Bulletin*, which will be sent to the SRS mailing list. The report will be made available to the public at four information repositories.

### **Data Review, Site Inspections, and Interviews**

According to the data review, the site inspections, and interviews, the remedies selected for the SRS OUs included in this report are functioning as intended by the decision documents. The exposure assumptions, toxicity data, cleanup levels, and RAOs used at the time of the remedy selection are still valid for all OUs included in this report. No new information has come to light that calls into question the protectiveness of the remedies.

The Revision 0 report was submitted on December 19, 2019. USEPA and SCDHEC performed site inspections of OUs with groundwater remedies with issued decision documents on February 27, 2020.

## **V. TECHNICAL ASSESSMENT**

The technical assessment of the environmental cleanup program at SRS in general and each of the OU-specific remedies evaluated in this report (Appendices C through Appendix H) is described by answers to the following three questions posed by the USEPA guidance.

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- Question A: Is the remedy functioning as intended by the decision documents?
- Question B: Are the exposure assumptions, toxicity data, cleanup levels, and RAOs still valid?
- Question C: Has any other information come to light that could call into question the protectiveness of the remedy?

**Question A: Is the remedy functioning as intended by the decision documents?**

Answer: Yes. SRS groundwater remedies and related activities are functioning as intended as demonstrated below.

- Passive and Low Energy soil vapor extraction (SVE) Systems, solar powered MicroBlowers™ and barometric pressure operated BaroBalls™ continue to remove contaminants from subsurface soils contaminated by low concentrations of VOCs.
  - Thermal technologies (e.g., electrical resistance heating [ERH]) have been successful in removing very high concentrations of VOCs from subsurface zones.
  - Groundwater data at MNA remedy plumes indicates that groundwater concentrations are generally decreasing, and plumes are not expanding.
  - None of the expected timeframes to achieve RGs in groundwater as identified in the respective RODs have been exceeded.
  - Contaminated material has been excavated and consolidated or left in place under protective cover systems breaking the pathway for worker exposure. The remedial actions associated with the RAOU (in situ decommissioning) and the R-Area Reactor Seepage Basins (RRSB) (asphalt and concrete covers) also serve to mitigate the migration of contaminants to groundwater. No other units in this five-year remedy review report with groundwater remedies have an engineered low permeability cap.
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**Question B: Are the exposure assumptions, toxicity data, cleanup levels, and RAOs still valid?**

Answer: Yes. The exposure assumptions, toxicity data, cleanup levels, and RAOs used at the time of remedy selection are still valid for all the OUs included in this report. An evaluation of changes in chemical and radiological standards including federal and state promulgated standards (i.e., chemical-specific ARARs) that were in place when the last five-year remedy review was initiated in 2015 to the current 2019 standards was conducted to determine if there were any changes that would affect the protectiveness of the selected remedies. There were no changes in chemical- and radiological-specific standards that would affect the protectiveness of the remedies. There were no changes in action-specific or location-specific requirements that would impact any remedy. This evaluation is included in Appendix B and described in the OU-specific appendices.

**Question C: Has any other information come to light that could call into question the protectiveness of the remedy?**

Answer: No. No other information that could call into question the protectiveness of the selected remedies and no outstanding issues have been identified in this Sixth Five-Year Remedy Review.

For all OUs, current and reasonably anticipated future land use at SRS remains consistent with assumptions in the respective decision documents.

## **VI. ISSUES/RECOMMENDATIONS**

Remedial actions evaluated in this Five-Year Remedy Review for SRS remain protective of human health and the environment and are functioning as intended. No issues were identified for the remedies evaluated (Table 7).

There are no recommendations or follow-up actions (Table 8).

## **VII. PROTECTIVENESS STATEMENT(S)**

The protectiveness statements for each remedy are based on the recommended language from the *Comprehensive Five-Year Review Guidance* (USEPA 2001), *Clarifying the Use*

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*of Protectiveness Determinations for Comprehensive Environmental Response, Compensation, and Liability Act Five-Year Reviews (USEPA 2012), and Five-Year Review Recommended Template (USEPA 2016).*

For OUs evaluated in this Five-Year Remedy Review, the groundwater remedies were determined to be protective of human health and the environment (Table 9). The ERH with SVE interim remedy for the CAGW OU was determined to be protective of human health and the environment in the short-term. However, for the remedy to be protective in the long-term, additional remedial actions, including LUCs (if needed), will need to be implemented. SRS facility security and administrative controls that restrict unauthorized access to the CAGW OU are not part of the interim remedy and therefore not recognized as long-term protective. SRS will include the CAGW OU in the FFA Annual Progress Report to demonstrate long-term protectiveness through the SRS facility security and administrative controls. The report is required by the FFA and includes an annual certification by the USDOE SRS Manager that the listed OUs are in compliance with land use requirements.

LUCs are part of all remedial actions where hazardous substances, pollutants, or contaminants remain on-site above levels that allow for unlimited use and unrestricted exposure. The type of LUCs and implementation and reference to OU-specific LUCIPs are described in detail in Section VII of the OU-specific appendices. For the OUs evaluated in this report, pathways for contaminants to reach human and ecological receptors have been successfully broken by the selected remedies including LUCs with the exception of the CAGW OU. Because the remedy for the CAGW OU is an interim remedy, LUCs will be addressed (if needed) as a component of the remedy in the final ROD.

A protectiveness statement for each of the OUs evaluated in this report is included in the OU-specific remedy review located in Appendix C through Appendix H.

## **VIII. NEXT REVIEW**

As established in Section 121 of CERCLA, as amended by the SARA and the NCP, periodic reviews are required at least every five years for sites where hazardous substances,

pollutants, or contaminants remain at the site above levels that allow for unlimited use and unrestricted exposure following the completion of all remedial actions. Barring a change in the governing laws, another review for the remedies in this report should be completed within five years from the signature date of this document. The final signature date for the last grouping of the Seventh Five-Year Remedy Review Report is due no later than January 21, 2029.

## **IX. OU-SPECIFIC FIVE-YEAR REMEDY REVIEW REPORTS**

The OU-specific Five-Year Remedy Reviews for the remedies evaluated in this document are included in Appendix C through Appendix H.

## **X. REFERENCES**

FFA, 1993. *Federal Facility Agreement for the Savannah River Site*, Administrative Docket Number 89-05-FF, WSRC-OS-94-52, Effective Date: August 16, 1993

SRNS, 2011. *Land Use Control Implementation Plan (LUCIP) for the R-Area Operable Unit (RAOU) (U)*, SRNS-RP-2010-01208, Revision 1, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

SRNS, 2014. *Fourth Five-Year Remedy Review Report for the Savannah River Site (U) Aiken, South Carolina*, SRNS-RP-2012-00011, Revision 1.1, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

SRNS, 2015. *Fifth Five-Year Remedy Review Report for the Savannah River Site Operable Units with Native Soil Covers and/or Land Use Controls (U) Aiken, South Carolina*, SRNS-RP-2014-00902, Revision 1, Savannah River Nuclear Solutions, Savannah River Site, Aiken, SC

SRNS, 2016. *R-Area Groundwater (NBN) Effectiveness Monitoring Report in Support of R-Area Operable Unit (U) January 2015 through December 2015*, SRNS-RP-2016-00347, Revision 0, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

SRNS, 2017a. *Fifth Five-Year Remedy Review Report for the Savannah River Site Operable Units with Groundwater Remedies (U) Aiken, South Carolina*, SRNS-RP-2015-

00419, Revision 1, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

SRNS, 2017b. *K-Area Burning/Rubble Pit and Rubble Pile (131-K and 631-20G) (KBRP), L-Area Burning/Rubble Pit and Rubble Pile (131-L, 131-1L, and 131-2L) (LBRP), and P-Area Burning/Rubble Pit (131-P) (PBRP) Operable Units (OUs) Detailed Combined Groundwater Monitoring Report*, SRNS-RP-2017-00356, Revision 0, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

SRNS, 2017c. *Groundwater Flow and Solute Transport Model of the CMP Pits OU (U) Tetra Tech, Inc. Alpharetta, GA*, SRNS-TR-2017-00312, Revision 0, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

SRNS, 2018a. *Fifth Five-Year Remedy Review Report for the Savannah River Site Operable Units with Engineered Cover Systems (U) Aiken, South Carolina*, SRNS-RP-2016-00609, Revision 1.1, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

SRNS, 2018b. *Fifth Five-Year Remedy Review Report for the Savannah River Site Operable Units with Geosynthetic or Stabilization/Solidification Cover Systems (U) Aiken, South Carolina*, SRNS-RP-2016-00610, Revision 1, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

SRNS, 2018c. *Fifth Five-Year Remedy Review Report for Savannah River Site Operable Units with Operating Equipment (U) Aiken, South Carolina*, SRNS-RP-2017-00567, Revision 1, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

USDOE, 1996. *Savannah River Site Future Use Project Report*, U.S. Department of Energy, Savannah River Operations Office, Savannah River Site, Aiken, SC

USEPA, 2001. *Comprehensive Five-Year Review Guidance*, EPA 540-R-01-007, OSWER No. 9355.7-03B-P, U.S. Environmental Protection Agency, Office of Emergency and Remedial Response, Washington, D.C.

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USEPA, 2011. *Recommended Evaluation of Institutional Controls: Supplement to the “Comprehensive Five-Year Review Guidance”*, OSWER 2011 Directive 9355.7-18, U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response, Washington, D.C.

USEPA, 2012. *Clarifying the Use of Protectiveness Determinations for Comprehensive Environmental Response, Compensation, and Liability Act Five-Year Reviews*, OSWER 2012 Directive 9200.2-111, U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response, Washington, D.C.

USEPA, 2016. *Five-Year Review Recommended Template*, OSWER 2016 Directive 9200.0-89, U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response, Washington, D.C.

WSRC, 1997. *Five-Year Review of Records of Decision Report (U)*, WSRC-RP-97-403, Revision 0, Westinghouse Savannah River Company, Savannah River Site, Aiken, SC

WSRC, 1999. *Corrective Measures Implementation/Remedial Design/Remedial Design Report/Remedial Action Workplan for the D-Area Oil Seepage Basin (631-G) (U)*, WSRC-RP-99-4006, Revision 1, Westinghouse Savannah River Company, Savannah River Site, Aiken, SC

WSRC, 2002. *Record of Decision Remedial Alternative Selection for the L-Area Burning/Rubble Pit (131-L), Gas Cylinder Disposal Facility (131-2L), and L-Area Rubble Pile (131-3L) (U)*, WSRC-RP-98-4195, Revision 1.1, Westinghouse Savannah River Company, Savannah River Site, Aiken, SC

WSRC, 2003. *Second Five-Year Review Report for the Savannah River Site (U)*, WSRC-RP-2001-4163, Revision 1.1, Westinghouse Savannah River Company, Savannah River Site, Aiken, SC

WSRC, 2004. *Land Use Control Implementation Plan (LUCIP) for the R-Area Reactor Seepage Basins Operable Unit (U)*, WSRC-RP-2004-4032, Revision 1, Westinghouse Savannah River Company, Savannah River Site, Aiken, SC

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WSRC, 2006. *Area Completion Strategy for the Savannah River Site (U)*, ERD-EN-2005-0084, Revision 1, Westinghouse Savannah River Company, Savannah River Site, Aiken, SC

WSRC, 2007. *Land Use Control Implementation Plan (LUCIP) for the Chemicals, Metals, and Pesticides Pits Operable Unit (080-170G, 080-171G, 080-180G, 080-182G, 080-183G, and 080-190G) (U)*, WSRC-RP-2004-4078, Revision 1.2, Washington Savannah River Company, Savannah River Site, Aiken, SC

WSRC, 2008a. *Land Use Control Implementation Plan for the L-Area Southern Groundwater Operable Unit (NBN) (U)*, WSRC-RP-2007-4049, Revision 1, Washington Savannah River Company, Savannah River Site, Aiken, SC

WSRC, 2008b. *Third Five-Year Remedy Review Report for the Savannah River Site (U)*, WSRC-RP-2007-4063, Revision 1.1, Washington Savannah River Company, Savannah River Site, Aiken, SC

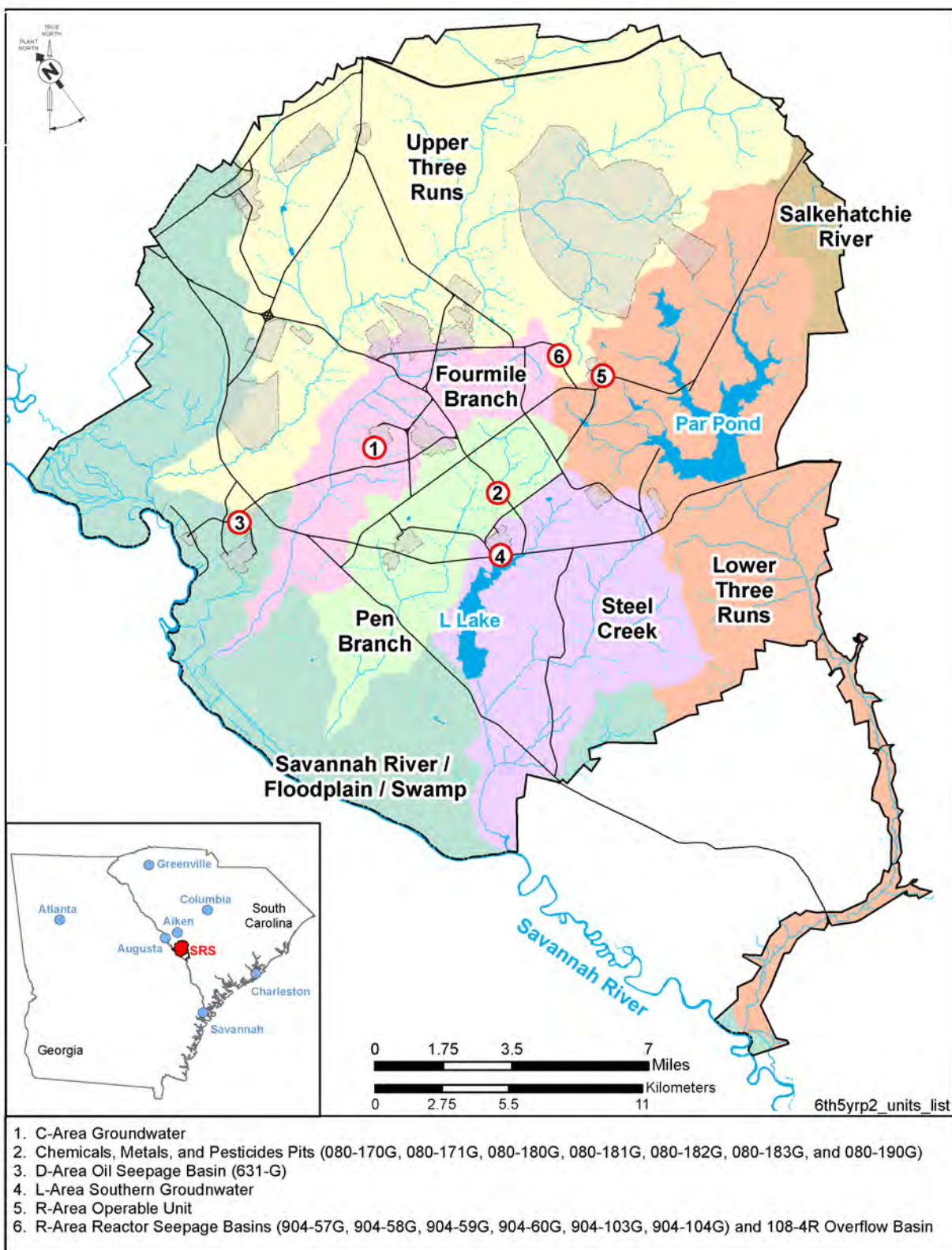


Figure 1. Location Map for SRS OUs with Groundwater Remedies

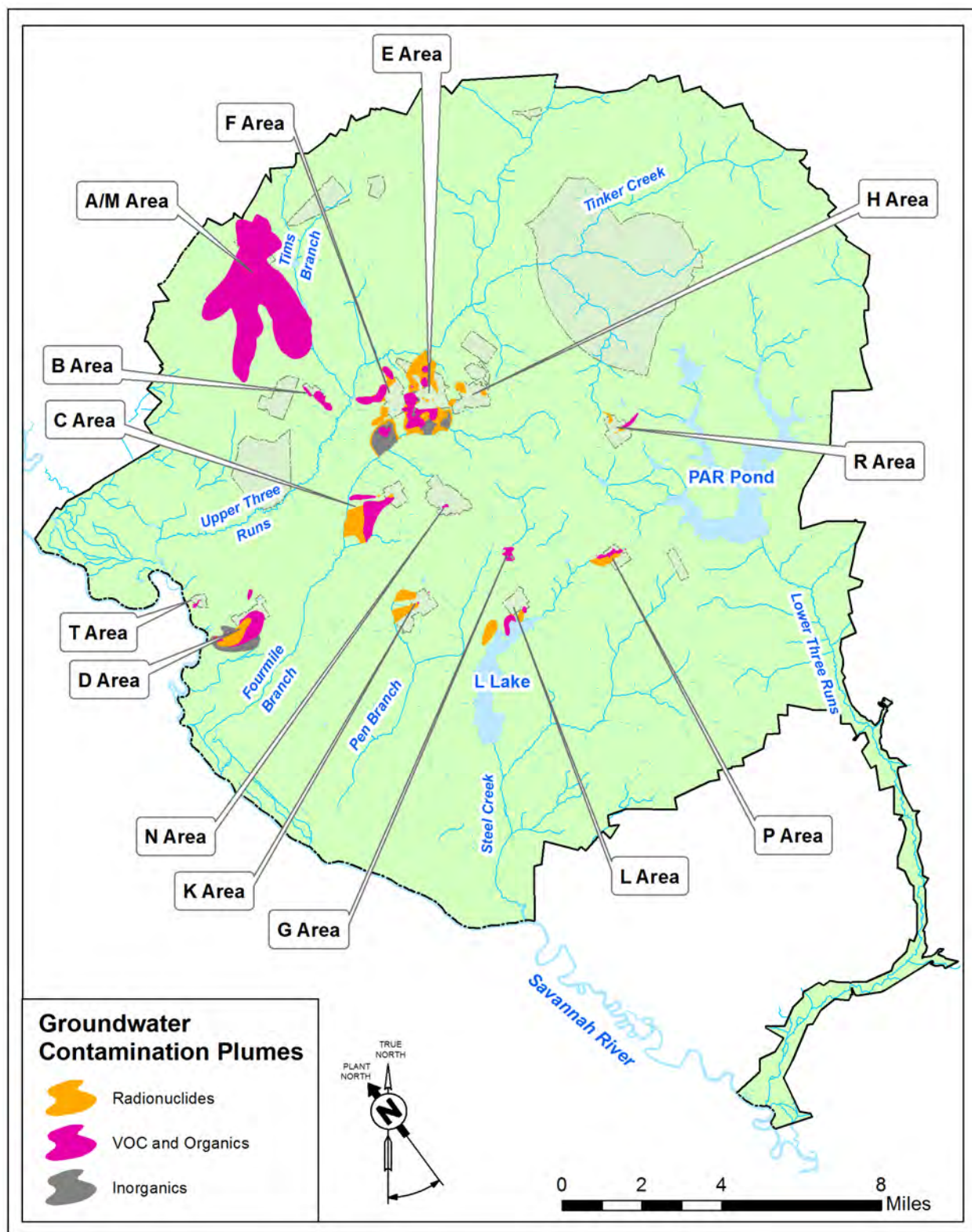


Figure 2. Groundwater Contamination at the Savannah River Site

Table 1. Five-Year Review Summary Form

| SITE IDENTIFICATION                                                                                                                              |                                                                      |                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------|
| <b>Site Name:</b>                                                                                                                                | Savannah River Site                                                  |                                                          |
| <b>EPA ID:</b>                                                                                                                                   | SC1890008989                                                         |                                                          |
| <b>Region:</b>                                                                                                                                   | 4                                                                    | <b>State:</b> SC <b>City/County:</b> Aiken/Aiken         |
| SITE STATUS                                                                                                                                      |                                                                      |                                                          |
| <b>NPL Status:</b>                                                                                                                               | Final                                                                |                                                          |
| <b>Multiple OUs?:</b>                                                                                                                            | Yes                                                                  | <b>Has the Site achieved Construction Completion?</b> No |
| REVIEW STATUS                                                                                                                                    |                                                                      |                                                          |
| <b>Lead Agency:</b> Other Federal Agency<br><b>If “Other Federal Agency” was selected above, enter Agency Name:</b><br>U.S. Department of Energy |                                                                      |                                                          |
| <b>Author Name (Federal or State Project Manager):</b>                                                                                           | N/A                                                                  |                                                          |
| <b>Author Affiliation:</b>                                                                                                                       | Savannah River Nuclear Solutions, LLC                                |                                                          |
| <b>Review Period:</b>                                                                                                                            | July 15, 2019 – January 21, 2021 (SRS OUs with Groundwater Remedies) |                                                          |
| <b>Date of Site Inspections:</b>                                                                                                                 | August 2019 - November 2019 (SRS OUs with Groundwater Remedies)      |                                                          |
| <b>Type of Review:</b>                                                                                                                           | Statutory                                                            |                                                          |
| <b>Review Number:</b>                                                                                                                            | 6                                                                    |                                                          |
| <b>Triggering Action Date:</b>                                                                                                                   | January 21, 2019                                                     |                                                          |
| <b>Due Date (five years after triggering action date):</b>                                                                                       | January 21, 2024 (includes all five phases)                          |                                                          |

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**Table 2. SRS OUs with Groundwater Remedies**

| # | Appendix | Operable Unit                                                                                                        | SEMS No. | Decision Document Issuance Year <sup>a</sup> | Remedial Action <sup>b</sup>                                                                          | Area with Groundwater Plumes (contaminant-acres) | LUCs (acres) |
|---|----------|----------------------------------------------------------------------------------------------------------------------|----------|----------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------|--------------|
| 1 | C        | C-Area Groundwater                                                                                                   | 82       | 2004                                         | Electrical Resistance Heating (ERH) with Soil Vapor Extraction (SVE) <sup>c</sup>                     | 456.3                                            | TBD          |
| 2 | D        | Chemicals, Metals, and Pesticides Pits (080-170G, 080-171G, 080-180G, 080-181G, 080-182G, and 080-183G)              | 24       | 2000, 2002, 2003, 2005                       | Enhanced Bioremediation, ERH, SVE, Passive SVE, Soil Cover, MNA, and Land Use Controls (LUCs)         | 39.7                                             | 62.6         |
| 3 | E        | D-Area Oil Seepage Basin (631-G)                                                                                     | 27       | 1995, 1999                                   | Removal Action (Excavation), Groundwater Mixing Zone (GWMZ), LUCs                                     | 14.7                                             | 23.2         |
| 4 | F        | L-Area Southern Groundwater                                                                                          | 77       | 2007, 2014                                   | MNA, LUCs                                                                                             | 211.1                                            | 952.2        |
| 5 | G        | R-Area Operable Unit                                                                                                 | 95       | 2009, 2011                                   | Removal Actions (In Situ Decommissioning of R-Reactor Building [105-R], Excavation, Cover), MNA, LUCs | 49.7                                             | 450.4        |
| 6 | H        | R-Area Reactor Seepage Basins (904-57G, 904-58G, 904-59G, 904-60G, 904-103G, and 904-104G) and 108-4R Overflow Basin | 25       | 2004                                         | Concrete Intruder Barrier, Excavation, On-Site Disposal, GWMZ, LUCs                                   | 34.7                                             | 37.8         |

- a Reflects the year the decision document (i.e., RODs, EARODs, IRODs, and ROD Amendments) was issued or the year of the last signature on the decision document.
- b The OUs were grouped together because of similar groundwater remedies and monitoring activities. Some OUs may also include subunits with contaminants in soils or building material (i.e., concrete) that are addressed by the remedy decision document.
- c LUCs are not a component of the interim remedy and will be addressed (if needed) by the final remedial action for the CAGW OU.
- TBD – to be determined



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**Table 3. LUC Summary Table**

| <b>Operable Units</b>                                                                               | <b>Media, Engineered Controls, and Areas that do not support UU/UE based on current conditions</b> | <b>LUCs Needed</b> | <b>LUCs Called for in the Decision Documents</b> | <b>Impacted Parcel(s)<sup>a</sup></b> | <b>LUC Objectives<sup>b</sup></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Title of LUC Instrument Implemented and Date (or Planned)</b> |
|-----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|--------------------|--------------------------------------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
| C-Area Groundwater <sup>c</sup>                                                                     | Groundwater, Surface Water, Vadose Zone Soil                                                       | TBD                | No                                               | 82                                    | • TBD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | TBD                                                              |
| Chemicals, Metals, and Pesticides Pits (080-170G, 080-171G, 080-180G, 080-181G, 080-182G, 080-183G) | Soil, Groundwater                                                                                  | Yes                | Yes                                              | 24                                    | <ul style="list-style-type: none"> <li>• Prevent contact, removal, or excavation of Ballast Area and Vadose Zone contaminated soil</li> <li>• Maintain the integrity of the existing cover</li> <li>• Maintain the use of the site for industrial activities only in order to prevent residential exposure</li> <li>• Prevent unauthorized access to the closed waste unit as long as waste remains a threat to human health or the environment in order to protect the industrial worker</li> <li>• Prevent unauthorized residential or agricultural access to groundwater in the area</li> </ul> | WSRC 2007                                                        |
| D-Area Oil Seepage Basin (631-G)                                                                    | Groundwater                                                                                        | Yes                | Yes                                              | 27                                    | <ul style="list-style-type: none"> <li>• Prevent unauthorized exposure to the contaminated groundwater</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | WSRC 1999                                                        |

Table 3. LUC Summary Table (*continued*)

| Operable Units              | Media, Engineered Controls, and Areas that do not support UU/UE based on current conditions | LUCs Needed | LUCs Called for in the Decision Documents | Impacted Parcel(s) <sup>a</sup> | LUC Objectives <sup>b</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Title of LUC Instrument Implemented and Date (or Planned) |
|-----------------------------|---------------------------------------------------------------------------------------------|-------------|-------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| L-Area Southern Groundwater | Groundwater                                                                                 | Yes         | Yes                                       | 77                              | <ul style="list-style-type: none"> <li>• Preclude future residential development or potable water use of local contaminated groundwater</li> <li>• Maintain the integrity of any current or future remedial or monitoring system or component such as monitoring wells until remedial goals are achieved and restrictions are no longer warranted</li> <li>• Prevent access to contaminated groundwater in the area as long as contaminant concentrations exceed MCLs for purposes other than implementing the selected remedy</li> </ul>                                                                                                                                                                                                                                                                                       | WSRC 2008a                                                |
| R-Area Operable Unit        | Concrete, Metal Components, Rail Bed Materials, Soil, Sediment, Groundwater                 | Yes         | Yes                                       | 95                              | <ul style="list-style-type: none"> <li>• Restrict unauthorized worker access and prevent contact, removal, or excavation of contaminated waste, pipelines, equipment, and buildings</li> <li>• Prohibit development and use of property for residential housing, elementary and secondary schools, child care facilities and playgrounds</li> <li>• Prohibit industrial use of the R-Area Isolated Contamination Area Potential Source Area</li> <li>• Maintain the integrity of any current or future remedial or monitoring system, such as soil covers, or groundwater monitoring wells</li> <li>• Prevent access or use of contaminated groundwater until cleanup levels are met</li> <li>• Prevent construction of inhabitable buildings without an evaluation of indoor air quality to address vapor intrusion</li> </ul> | SRNS 2011                                                 |

**Table 3. LUC Summary Table (continued/end)**

| <b>Operable Units</b>                                                                                            | <b>Media, Engineered Controls, and Areas that do not support UU/UE based on current conditions</b> | <b>LUCs Needed</b> | <b>LUCs Called for in the Decision Documents</b> | <b>Impacted Parcel(s)<sup>a</sup></b> | <b>LUC Objectives<sup>b</sup></b>                                                                                                                                                                                                                             | <b>Title of LUC Instrument Implemented and Date (or Planned)</b> |
|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|--------------------|--------------------------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
| R-Area Reactor Seepage Basins (904-57G, 904-58G, 904-59G, 904-60G, 904-103G, 904-104G) and 108-4R Overflow Basin | Soil, Groundwater                                                                                  | Yes                | Yes                                              | 25                                    | <ul style="list-style-type: none"> <li>• Prevent contact, removal, or excavation of contaminated soil and pipelines</li> <li>• Preclude residential use of the area</li> <li>• Prevent unauthorized access to contaminated groundwater in the area</li> </ul> | WSRC 2004                                                        |

a The Impacted Parcel(s) identification is represented by the SEMS number.

b The LUC objectives statements were obtained directly from the referenced LUC document. LUC objective statements vary in complexity due to the age of the document and guidance in place at the time the remedial decision was selected.

c LUCs are not a component of the interim remedy for CAGW OU and will be addressed (if needed) by the final remedial action for CAGW OU.

TBD – to be determined

UU – unlimited use

UE – unrestricted exposure

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**Table 4. Operation and Maintenance Cost Comparison for SRS OUs with Groundwater Remedies**

| Operable Unit                                                                                                    | Main Remedy                                                                         | Remedy Decision Document Year <sup>a</sup> | FY2015-FY2019 O&M Estimated Cost | FY2015-FY2019 O&M Actual Cost | % of Estimate | Comments                                                                                                                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------|-------------------------------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| C-Area Groundwater                                                                                               | Electrical Resistance Heating (ERH) with Soil Vapor Extraction (SVE) <sup>a</sup> , | 2004 <sup>b</sup>                          | \$0                              | \$65,652                      | 0%            | Actual costs for performance/ groundwater monitoring was more than expected because on-going groundwater monitoring and five-year remedy review costs beyond FY2013 were not included in the original IROD cost estimate.                     |
| Chemicals, Metals, and Pesticides Pits (080-170G, 080-171G, 080-180G, 080-181G, 080-182G, 080-183G)              | Enhanced Bioremediation, ERH, SVE, Passive SVE, Soil Cover, MNA, LUCs               | 2005                                       | \$234,793                        | \$760,232                     | 324%          | Actual costs were higher than expected because the current number of monitoring wells and surface water sampling locations (76) is much larger than the ROD estimate (12) requiring increased maintenance activities.                         |
| D-Area Oil Seepage Basin (631-G)                                                                                 | Removal Action (Excavation), Groundwater Mixing Zone (GWMZ), LUCs                   | 1999                                       | \$16,666                         | \$269,817                     | 1,619%        | Actual costs are higher than expected because groundwater monitoring and reporting costs have continued beyond FY2009 as estimated in the ROD. The ROD estimate was based on 12 locations verses 23 wells that are currently being monitored. |
| L-Area Southern Groundwater                                                                                      | MNA, LUCs                                                                           | 2007                                       | \$269,560                        | \$135,043                     | 50%           | Actual costs are lower than expected because well redevelopment costs are significantly lower than estimated.                                                                                                                                 |
| R-Area Operable Unit                                                                                             | Removal Actions (ISD of R-Reactor Building [105-R], Excavation, Cover), MNA, LUCs   | 2011                                       | \$286,500                        | \$1,023,392                   | 357%          | Actual costs are higher than expected because groundwater monitoring reports are being submitted annually. Additional maintenance activities were also required.                                                                              |
| R-Area Reactor Seepage Basins (904-57G, 904-58G, 904-59G, 904-60G, 904-103G, 904-104G) and 108-4R Overflow Basin | Concrete Intruder Barrier, Excavation, On-Site Disposal, GWMZ, LUCs                 | 2004                                       | \$2,652,242                      | \$503,459                     | 19%           | Actual costs are less than expected due to optimization of the groundwater monitoring.                                                                                                                                                        |

<sup>a</sup> Document which included the O&M estimated costs.

<sup>b</sup> LUCs are not a component of the interim remedy for CAGW OU and will be addressed (if needed) by the final remedial action for CAGW OU.

**Table 5. Protectiveness Determinations/Statements from the Fifth Five-Year Remedy Review for the SRS OUs with Groundwater Remedies (SRNS 2017a)**

| <b>SEMS No.</b> | <b>Operable Unit</b>                                                                                             | <b>Protectiveness Determination</b> | <b>Protectiveness Statement</b>                                                                                                                                                                                                                                                                                             |
|-----------------|------------------------------------------------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 82              | C-Area Groundwater                                                                                               | Protective                          | The remedy at the CAGW OU is protective of human health and the environment.                                                                                                                                                                                                                                                |
| 24              | Chemicals, Metals, and Pesticides Pits (080-170G, 080-171G, 080-180G, 080-181G, 080-182G, 080-183G, 080-190G)    | Protective                          | The remedy at CMP Pits OU is protective of human health and the environment. However, in order to establish long-term protectiveness, additional remedial actions may need to be evaluated and selected, as necessary, based on the results of groundwater modeling and continued groundwater and surface water monitoring. |
| 27              | D-Area Oil Seepage Basin (631-G)                                                                                 | Protective                          | The remedy at the DOSB OU is protective of human health and the environment.                                                                                                                                                                                                                                                |
| 77              | L-Area Southern Groundwater                                                                                      | Protective                          | The remedy at the LASG OU is protective of human health and the environment.                                                                                                                                                                                                                                                |
| 95              | R-Area Operable Unit                                                                                             | Protective                          | The remedy at RAOU is protective of human health and the environment.                                                                                                                                                                                                                                                       |
| 25              | R-Area Reactor Seepage Basins (904-57G, 904-58G, 904-59G, 904-60G, 904-103G, 904-104G) and 108-4R Overflow Basin | Protective                          | The remedy at the RRSB OU is protective of human health and the environment.                                                                                                                                                                                                                                                |

**Table 6. Status of Recommendations from the Fifth Five-Year Remedy Review Report for SRS OUs with Groundwater Remedies (SRNS 2017a)**

| SEMS No. | Issue                                                                                                                                                                                                                                                                                                         | Recommendations                                                                                                                                                                                                                                                   | Current Status | Current Implementation Status Description                                                                                                                                                                                                                                                                                                                                                                                       | Completion Date (if applicable) |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| 27       | 1,4-Dioxane has been identified as a potential contaminant based on its association with other solvents that are present at the OU. However, there is a lack of groundwater data to dismiss 1,4-dioxane as being present at levels which would be harmful to human health and the environment.                | 1,4-Dioxane will be monitored and reported as detailed in the OU remedy review report. Based on the monitoring results, the USEPA, SCDHEC, and USDOE will determine whether or not 1,4-dioxane should be permanently added to the list of monitored constituents. | Ongoing        | 1,4-dioxane sampling was completed in 2Q2016, 2Q2017, 2Q2018 and 2Q2019. The data was reported to the USEPA and SCDHEC in the Calendar Year 2018 D-Area Oil Seepage Basin OU (631-G) Groundwater Mixing Zone Letter Report (IACD-19-175, dated July 25, 2019). Based on the results, 1,4-dioxane was added to the annual groundwater monitoring at three wells (DOB 15, DOL 2, and DOB 16) to collect sufficient trending data. | N/A                             |
| 95       | 1,4-Dioxane has been identified as a potential contaminant at RAOU based on its possible association with other solvents that are present at RAOU. However, there is a lack of groundwater data to dismiss 1,4-dioxane as being present at levels which would be harmful to human health and the environment. | 1,4-Dioxane will be monitored and reported as detailed in the OU remedy review report. Based on the monitoring results, the USDOE, USEPA, and SCDHEC will determine whether or not 1,4-dioxane should be permanently added to the list of monitored constituents. | Complete       | SRS performed a comprehensive round of 1,4-dioxane sampling in 2015. The data was reported to the USEPA and SCDHEC in the R-Area Groundwater (NBN) Effectiveness Monitoring Report in Support of R-Area Operable Unit, January 2015 through December 2015 (SRNS-RP-2016-00347, Revision 0, June 2016). Monitoring for 1,4-dioxane is no longer required at the RAOU based on monitoring results and regulatory agreement.       | 2017                            |

N/A – not applicable

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**Table 7. Operable Units without Issues and Recommendations**

| OU(s) without Issues/Recommendations Identified in the Five-Year Review |                        |
|-------------------------------------------------------------------------|------------------------|
| SEMS #:                                                                 | 24, 25, 27, 77, 82, 95 |

**Table 8. Issues and Recommendations Identified in the Five-Year Review Report**

| Issues and Recommendations Identified in the Five-Year Review |                              |                    |                 |                |
|---------------------------------------------------------------|------------------------------|--------------------|-----------------|----------------|
| OU(s): NA                                                     | Issue Category: N/A          |                    |                 |                |
|                                                               | Issue: None                  |                    |                 |                |
|                                                               | Recommendation: None         |                    |                 |                |
| Affect Current Protectiveness                                 | Affect Future Protectiveness | Implementing Party | Oversight Party | Milestone Date |
| N/A                                                           | N/A                          | N/A                | N/A             | N/A            |

N/A – not applicable

**Table 9. Protectiveness Statements for the Sixth Five-Year Review Report for SRS OUs with Groundwater Remedies**

| <b>PROTECTIVENESS STATEMENT(S)</b>                                                                                                                                                                                                                                                  |                                                               |                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|--------------------------------------------------|
| <b>Operable Unit:</b><br>C-Area Groundwater (CAGW)<br>SEMS # 82                                                                                                                                                                                                                     | <b>Protectiveness Determination:</b><br>Short-term Protective | <b>Addendum Due Date (if applicable):</b><br>N/A |
| <b>Protectiveness Statement:</b><br>The remedy at the CAGW OU is protective of human health and the environment in the short-term. In order for the remedy to be protective in the long-term, additional remedial actions, including LUCs (if needed), will need to be implemented. |                                                               |                                                  |
| <b>Operable Unit:</b><br>Chemical, Metals, and Pesticides (CMP)<br>Pits (080-17G, 080-171G, 080-180G, 080-181G, 080-182G, 080-183G, 080-190G), SEMS # 24                                                                                                                            | <b>Protectiveness Determination:</b><br>Protective            | <b>Addendum Due Date (if applicable):</b><br>N/A |
| <b>Protectiveness Statement:</b><br>The remedy at the CMP Pits OU is protective of human health and the environment.                                                                                                                                                                |                                                               |                                                  |
| <b>Operable Unit:</b><br>D-Area Oil Seepage Basin (DOSB)<br>(631-G), SEMS #27                                                                                                                                                                                                       | <b>Protectiveness Determination:</b><br>Protective            | <b>Addendum Due Date (if applicable):</b><br>N/A |
| <b>Protectiveness Statement:</b><br>The remedy at the DOSB OU is protective of human health and the environment.                                                                                                                                                                    |                                                               |                                                  |
| <b>Operable Unit:</b><br>L-Area Southern Groundwater (LASG),<br>SEMS #77                                                                                                                                                                                                            | <b>Protectiveness Determination:</b><br>Protective            | <b>Addendum Due Date (if applicable):</b><br>N/A |
| <b>Protectiveness Statement:</b><br>The remedy at the LASG OU is protective of human health and the environment.                                                                                                                                                                    |                                                               |                                                  |
| <b>Operable Unit:</b><br>R-Area Operable Unit (RAOU),<br>SEMS #95                                                                                                                                                                                                                   | <b>Protectiveness Determination:</b><br>Protective            | <b>Addendum Due Date (if applicable):</b><br>N/A |
| <b>Protectiveness Statement:</b><br>The remedy at the RAOU is protective of human health and the environment.                                                                                                                                                                       |                                                               |                                                  |
| <b>Operable Unit:</b><br>R-Reactor Area Seepage Basins<br>(904-57G, 904-58G, 904-59G, 904-60G, 904-103G, 904-104G) and 108-4R<br>Overflow Basin (RRSB), SEMS #25                                                                                                                    | <b>Protectiveness Determination:</b><br>Protective            | <b>Addendum Due Date (if applicable):</b><br>N/A |
| <b>Protectiveness Statement:</b><br>The remedy at the RRSB OU is protective of human health and the environment.                                                                                                                                                                    |                                                               |                                                  |

## **SIXTH FIVE-YEAR REMEDY REVIEW REPORT PHASED REVIEWS**

### **I. FIVE-YEAR REMEDY REVIEW PHASES**

The size of the Savannah River Site (SRS) five-year remedy review reports has grown considerably since the first report was issued in 1997 with respect to the number of operable unit (OU) remedies evaluated and the level of detail required. Beginning with the Fifth Five-Year Remedy Review Report, the U.S. Department of Energy, U.S. Environmental Protection Agency (USEPA), and South Carolina Department of Health and Environmental Control (SCDHEC) agreed to segregate the OUs into five groupings based on remedy similarity with a different group submitted annually on a five-year cycle. This phased approach not only reduces the volume of future remedy reports but is also more effective in identifying and resolving issues for similar remedies.

The SRS OUs are grouped by the following remedy types:

- (1) Native Soil Covers and/or Land Use Controls (LUCs);
- (2) Groundwater Remedies;
- (3) Engineered Cover Systems;
- (4) Geosynthetic or Stabilization/Solidification Cover Systems; and
- (5) Operating Equipment.

The trigger date for submittal of the next five-year remedy review report to the regulatory agencies is based on the USEPA signature date of the previous report. The final signature for the last grouping of Sixth Five-Year Remedy Review Report is due no later than January 21, 2024. For the sixth five-year remedy review reports, Table A-1 provides a schedule for issuance of the remedy reviews for the five OU remedy groupings to ensure that the five-year limit required between document reviews remains in compliance with Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and the National Oil and Hazardous Substances Pollution Contingency.

A list of the SRS OUs with remedy decision documents grouped into one of the five phased reviews is provided in Table A-2. Table A-2 will be updated in future remedy review

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reports as additional remedy decision documents are approved. A general description of the five remedy types is provided below.

***Phase 1: Native Soil Covers and/or LUCs***

For purposes of the sixth five-year phased remedy review, SRS OUs with native soil covers and/or LUCs as the selected remedy are grouped under the Native Soil Covers and/or LUCs category.

Native soil covers are often implemented at SRS to protect against human and/or ecosystem exposure to waste or contaminated material left in place. Native soil covers are appropriate when water infiltration and leaching of contaminants to groundwater is not a concern. A typical soil cover is 0.30 m to 0.61 m (12 in to 24 in) thick and is usually vegetated to minimize erosion. Native soil covers are usually low in cost and construction materials are readily available from SRS local sources. Native soil covers may be combined with other remedial actions but require LUCs as a component of the remedy. For these units, native soil covers were in place prior to selection of the remedial action. For this reason, only LUCs were required as the final remedial action for the OUs with existing soil covers discussed in the Native Soil Covers and/or LUCs report.

LUCs are maintained for all OUs where hazardous substances, pollutants, or contaminants remain on-site or have been left in place above levels that are acceptable for unlimited use and unrestricted exposure. LUCs may be implemented as a stand-alone remedy or combined with other remedial actions. LUCs involve institutional controls (i.e., administrative controls) and engineering controls and can include monitoring, maintenance, reporting, access restrictions, signage, fencing, and land use restrictions. In older SRS remedy documents, the term “institutional controls” was often used in place of the broader LUC term.

***Phase 2: Groundwater Remedies***

For purposes of the sixth five-year phased remedy review, SRS OUs that have monitoring activities associated with Monitored Natural Attenuation (MNA) or a Mixing Zone (MZ) permit are grouped in the Groundwater category.

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SRS uses a graded approach to groundwater remediation. The selection of groundwater remediation technologies for a specific contamination area is based on the size, contaminant type, contaminant concentration, and configuration of the plume. These attributes are the result of the nature and mass of the source of contamination and the subsurface characteristics in the area of the plume. Many large plumes consist of several zones that are most efficiently addressed with separate complementary corrective action/remedial technologies. The highest concentrations of contaminants are found in the source zone. The most robust, high-mass-removal technologies are best suited for remediation of the source zone. In the primary plume zone, active remedies such as pump-and-treat may be necessary to remove contaminants and exert hydraulic control of the plume. In the dilute fringe zone, contaminants are generally low in concentration and can often be treated with passive techniques.

Enhanced-passive remedial systems are used extensively at SRS to remediate vadose zone soils with the purpose of preventing groundwater contamination. These systems are low-energy-consumption, low-carbon-emission systems that are not completely passive. These “green” technologies leverage natural systems to protect and remediate groundwater. Many existing soil vapor extraction (SVE) systems have been converted from active vacuum extraction powered by fossil fuel to enhanced-passive systems powered by natural non-fossil-fuel energy sources. BaroBall™ and MicroBlower™ systems are two types of enhanced-passive SVE systems currently in operation at SRS. BaroBalls™ rely on natural fluctuations in barometric pressure to pump volatile organic compounds (VOCs) from the subsurface to the atmosphere at individual SVE wells. SVE wells with MicroBlowers™ are designed to use solar power to generate a vacuum that exhausts VOC vapors from individual wells. Both MicroBlowers™ and BaroBalls™ are low-energy-consumption, low-carbon-emission devices that remove VOC contaminants from the subsurface.

MNA is a passive groundwater remedial action where the fringe and dilute areas of a plume degrade by natural biogeochemical or physical processes such as biodegradation, radioactive decay, dilution, and simple dispersion. MNA remedies must be accompanied by source control and a technical justification that conditions are favorable for natural

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attenuation. In addition, the groundwater plume should not be expanding significantly, and surface water standards cannot be exceeded at the groundwater discharge point. MNA remedy justifications are supported by groundwater modeling and a commitment to continued monitoring and reporting. When only the uppermost aquifer is impacted, SCDHEC may issue a MZ permit that is essentially a permit for an MNA remedy. SRS has a mixture of CERCLA Record of Decisions (RODs) that require MNA as the final action for groundwater under CERCLA, and RODs that require SCDHEC MZ permits to implement the MNA remedy.

### ***Phase 3: Engineered Cover Systems***

For purposes of the sixth five-year phased remedy review, SRS OUs that selected an engineered cover system or similar cover system as the remedy are grouped in the Engineered Cover Systems category.

The function of an engineered cover system is similar to native soil covers to protect against human and/or ecosystem exposure to waste or contaminated material left in place. Although engineered covers do not completely prevent infiltration, they can achieve very low permeabilities if well compacted. Compaction is important to reduce damage from differential settlement and is often used at SRS to remediate OUs that contain diverse waste material such as rubble pits/piles. Another objective of using engineered cover systems is to promote more effective surface drainage and to minimize infiltration.

SRS OUs were placed in this grouping if the selected cover features/performance exceeded those of a basic native soil cover. For example, an OU with a remedy that selected cover and/or fill material with a higher clay content to minimize infiltration or for drainage and slope contouring was included in this category even if the clay material did not have engineering compaction requirements.

### ***Phase 4: Geosynthetic or Stabilization/Solidification Cover Systems***

For purposes of the sixth five-year phased remedy review, SRS OUs that installed a geosynthetic or stabilization/solidification cover system are grouped in the Geosynthetic or Stabilization/Solidification Cover Systems category.

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Many cover systems are designed to protect groundwater by minimizing the infiltration of rainwater through the contaminated material left in place. Geosynthetic cover systems are constructed at SRS OUs when there is a concern that contamination left in place may leach to groundwater above acceptable levels. A typical cross section of a geosynthetic cover system consists of a vegetative/soil protective layer, a geosynthetic drainage layer, an impermeable geosynthetic liner, and compacted common fill placed over the contaminated material. A specific hydraulic conductivity to reduce storm water infiltration, usually  $1\text{E-}07$  cm/s or less, is specified in the design. Low permeability covers are often paired with SVE units that remove VOCs from the subsurface soil beneath the OU to prevent migration of contaminants to groundwater.

In some cases, radioactively contaminated soils have been stabilized with in-situ grouting followed by installation of a low permeability cover (i.e., compacted clay, concrete, etc.) to deter migration of contaminants to the groundwater. Not only does a stabilization/solidification technology stabilize waste left in place; the in-situ containment also provides another layer of protection to prevent intrusion and exposure to contaminated material.

#### ***Phase 5: Operating Equipment***

For purposes of the sixth five-year phased remedy review, SRS OUs that have ongoing active remediation systems are grouped under the Operating Equipment category.

A range of active remediation systems are used at SRS. SVE systems are used to remove VOCs from vadose zone source areas before the contaminants can migrate to the water table. Air strippers are employed to remove VOC contaminants from the source zone while active recirculation well systems remove VOC contaminants from the primary VOC plume. Pump and treat systems are used to remove contaminant mass and exert hydraulic control over contaminated groundwater plumes. Thermal technologies have been employed in several areas to mobilize dense non-aqueous phase liquid (DNAPL) VOCs in the vadose zone and groundwater. Dynamic Underground Stripping is a technology employed at SRS that utilizes steam injection to enhance removal from large DNAPL

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source zones. Electrical Resistance Heating has been used in smaller DNAPL source zones.

## **II. SRS OUS WITH REMEDIAL DECISIONS**

The following tables are included for information only and provide a tracking for all SRS OUs with approved remedial decisions, including No Action sites (i.e., RODs, Early Actions RODs [EARODs], Interim RODs [IRODs], ROD Amendments, and Explanation of Significant Differences [ESDs]).

- Table A-3 provides a summary of SRS OUs for remedial actions without operating equipment;
  - Table A-4 provides a summary SRS OUs for remedial actions with operating equipment;
  - Table A-5 chronologically lists all SRS issued decision documents. Document numbers are provided for reference;
  - Table A-6 provides a summary of SRS OUs with the No Remedial Actions selected in the decision documents; and
  - Table A-7 provides the list of OUs with remedial actions selected and their associated Superfund Enterprise Management System (SEMS) number.
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**Table A-1. Phased Five-Year Remedy Review Report Schedule**

| Sixth Five-Year<br>Remedy Review |                             | Seventh Five-Year<br>Remedy Review | Remedy Type                                                             |
|----------------------------------|-----------------------------|------------------------------------|-------------------------------------------------------------------------|
| Issuance<br>Year                 | Years<br>Between<br>Reviews | Issuance Year                      |                                                                         |
| 2020                             | 5                           | 2025                               | Phase 1: Native Soil Covers and/or LUCs                                 |
| 2021 <sup>a</sup>                | 5                           | 2026                               | Phase 2: Groundwater                                                    |
| 2022                             | 5                           | 2027                               | Phase 3: Engineered Cover Systems                                       |
| 2023                             | 5                           | 2028                               | Phase 4: Geosynthetic or Stabilization/<br>Solidification Cover Systems |
| 2024                             | 5                           | 2029                               | Phase 5: Operating Equipment                                            |

a Indicates the issue year for this report: Sixth Five-Year Remedy Review Report for SRS OUs with Groundwater Remedies.

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**Table A-2. Sixth Five-Year Remedy Review Report Phases for SRS OUs**

| Native Soil Covers and/or LUCs                                                                 |                      | Groundwater                                                                                                          |                      | Engineered Cover Systems                                                        |                      | Geosynthetic or Stabilization/Solidification Cover Systems                                          |                      | Operating Equipment                                                                                                                      |                      |
|------------------------------------------------------------------------------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------|----------------------|---------------------------------------------------------------------------------|----------------------|-----------------------------------------------------------------------------------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| <i>Submittal Date<sup>a</sup></i>                                                              | <i>Issuance Year</i> | <i>Submittal Date<sup>a</sup></i>                                                                                    | <i>Issuance Year</i> | <i>Submittal Date<sup>a</sup></i>                                               | <i>Issuance Year</i> | <i>Submittal Date<sup>a</sup></i>                                                                   | <i>Issuance Year</i> | <i>Submittal Date<sup>a</sup></i>                                                                                                        | <i>Issuance Year</i> |
| 2018                                                                                           | 2020                 | 2019                                                                                                                 | 2021                 | 2020                                                                            | 2022                 | 2021                                                                                                | 2023                 | 2022                                                                                                                                     | 2024                 |
| C-Area Operable Unit                                                                           |                      | C-Area Groundwater                                                                                                   |                      | Central Shops Burning/Rubble Pits (631-1G and 631-3G)                           |                      | B-Area Operable Unit                                                                                |                      | A-Area Burning/Rubble Pits (731-A/731-1A) and Rubble Pit (731-2A), Miscellaneous Chemical Basin (731-4A) and Metals Burning Pit (731-5A) |                      |
| C-, K-, and L-Reactor Complexes                                                                |                      | Chemicals, Metals, and Pesticides Pit (080-170G, 080-171G, 080-180G, 080-181G, 080-182G, 080-183G, 080-190G)         |                      | D-Area Burning/Rubble Pits (431-D and 431-1D)                                   |                      | C-Area Reactor Seepage Basins (904-66G, 904-67G, and 904-68G)                                       |                      | A/M Area Groundwater                                                                                                                     |                      |
| Early Construction and Operational Disposal Site (ECODs) L-1, N-2, P-2, and R-1A, R -1B, R -1C |                      | D-Area Oil Seepage Basin (631-G)                                                                                     |                      | F-Area Hazardous Waste Management Facility (904-41G, 904-42G, 904-43G)          |                      | D-Area Expanded Operable Unit Consisting of D-Area Ash Basin (488-D) and D-Area Rubble Pit (431-2D) |                      | A-Area Miscellaneous Rubble Pile (731-6A)                                                                                                |                      |
| F-Area Burning/Rubble Pits (231-F, 231-1F, and 231-2F)                                         |                      | L-Area Southern Groundwater                                                                                          |                      | Ford Building Seepage Basin (904-91G)                                           |                      | E-Area Low-Level Waste Facility (643-26E)                                                           |                      | C-Area Burning/Rubble Pit (131-C)                                                                                                        |                      |
| Gunsite 012                                                                                    |                      | R-Area Operable Unit <sup>c</sup>                                                                                    |                      | H-Area Hazardous Waste Management Facility (904-44G, 904-45G, 904-46G, 904-56G) |                      | F-Area Retention Basin (281-3F)                                                                     |                      | D-Area Operable Unit                                                                                                                     |                      |
| Heavy Equipment Wash Basin (NBN)                                                               |                      | R-Area Reactor Seepage Basins (904-57G, 904-58G, 904-59G, 904-60G, 904-103G, and 904-104G) and 108-4R Overflow Basin |                      | K-Area Burning/Rubble Pit and Rubble Pile (131-K and 631-20G)                   |                      | F-Area Tank Farm                                                                                    |                      | F-Area Groundwater Operable Unit                                                                                                         |                      |
| K-Area Bingham Pump Outage Pit (643-1G)                                                        |                      |                                                                                                                      |                      | M-Area Hazardous Waste Management Facility (904-51G and 904-112G)               |                      | General Separations Area Consolidation Unit                                                         |                      | H-Area Groundwater Operable Unit                                                                                                         |                      |

Table A-2. Sixth Five-Year Remedy Review Report Phases for SRS OUs (*continued/end*)

| Native Soil Covers and/or LUCs                                                                                                                            |                      | Groundwater                       |                      | Engineered Cover Systems                                                |                      | Geosynthetic or Stabilization/Solidification Cover Systems                     |                      | Operating Equipment                                           |                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-----------------------------------|----------------------|-------------------------------------------------------------------------|----------------------|--------------------------------------------------------------------------------|----------------------|---------------------------------------------------------------|----------------------|
| <i>Submittal Date<sup>a</sup></i>                                                                                                                         | <i>Issuance Year</i> | <i>Submittal Date<sup>a</sup></i> | <i>Issuance Year</i> | <i>Submittal Date<sup>a</sup></i>                                       | <i>Issuance Year</i> | <i>Submittal Date<sup>a</sup></i>                                              | <i>Issuance Year</i> | <i>Submittal Date<sup>a</sup></i>                             | <i>Issuance Year</i> |
| 2018                                                                                                                                                      | 2020                 | 2019                              | 2021                 | 2020                                                                    | 2022                 | 2021                                                                           | 2023                 | 2022                                                          | 2024                 |
| L-Area and P-Area Bingham Pump Outage Pits (643-2G, 643-3G, and 643-4G)                                                                                   |                      |                                   |                      | Metallurgical Laboratory Hazardous Waste Management Facility (904-110G) |                      | H-Area Tank Farm                                                               |                      | M-Area Settling Basin<br>Inactive Process Sewer Lines (081-M) |                      |
| PAR Pond (685-G) (Including the Pre-Cooler Ponds and Canals) and Lower Three Runs Integrator Operable Unit (IOU) Tail Portion (Middle and Lower Subunits) |                      |                                   |                      | Mixed Waste Management Facility (643-28E)                               |                      | K-Area Reactor Seepage Basin (904-65G)                                         |                      | M-Area Operable Unit                                          |                      |
| R-Area Bingham Pump Outage Pits (643-8G, 643-9G and 643-10G) and R-Area Unknown Pits #1, #2, and #3                                                       |                      |                                   |                      | SRL Seepage Basins (904-53G1, 904-53G2, 904-54G, and 904-55G)           |                      | L-Area Oil and Chemical Basin (904-83G)                                        |                      | P-Area Burning/Rubble Pit (131-P)                             |                      |
| Silverton Road Waste Unit (731-3A)                                                                                                                        |                      |                                   |                      |                                                                         |                      | L-Area Reactor Seepage Basin (904-64G)                                         |                      | TNX Area Operable Unit                                        |                      |
| Wetland Area at Dunbarton Bay in Support of Steel Creek IOU <sup>b</sup>                                                                                  |                      |                                   |                      |                                                                         |                      | Old F-Area Seepage Basin (904-49G)                                             |                      |                                                               |                      |
|                                                                                                                                                           |                      |                                   |                      |                                                                         |                      | P-Area Operable Unit                                                           |                      |                                                               |                      |
|                                                                                                                                                           |                      |                                   |                      |                                                                         |                      | P-Area Reactor Seepage Basin (904-61G, 904-62G, and 904-63G)                   |                      |                                                               |                      |
|                                                                                                                                                           |                      |                                   |                      |                                                                         |                      | R-Area Burning/Rubble Pits (131-R and 131-1R) and R-Area Rubble Pile (631-25G) |                      |                                                               |                      |
|                                                                                                                                                           |                      |                                   |                      |                                                                         |                      | T-Area Operable Unit                                                           |                      |                                                               |                      |

a Represents December submittal date of the Revision 0 document for each five-year remedy review report.

b ROD was issued in June 2018. This OU was not included in the first phase of the sixth five-year remedy review (i.e., native soil covers and/or LUCs) because the remedy had not been implemented.

c R-Reactor Complex will be discussed as part of R-Area Operable Unit.



**Table A-3. Summary of Remedial Actions without Operating Equipment at SRS**

| Unit Name                                                                                                                                 | FYR Phase | OU                 | Area Covered (acres) | Volume Covered (yd <sup>3</sup> ) | Volume Stabilized (yd <sup>3</sup> ) | Volume Consolidated (yd <sup>3</sup> ) | Volume Removed (yd <sup>3</sup> ) | LUC (acres) |
|-------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------|----------------------|-----------------------------------|--------------------------------------|----------------------------------------|-----------------------------------|-------------|
| <b>Compacted Native Soil</b>                                                                                                              |           |                    |                      |                                   |                                      |                                        |                                   |             |
| C-Reactor Complex                                                                                                                         | 1         | CKL Rx             | 0                    | 0                                 | 0                                    | 0                                      | 0                                 | 3.4         |
| K-Reactor Complex                                                                                                                         | 1         | CKL Rx             | 0                    | 0                                 | 0                                    | 0                                      | 0                                 | 3.8         |
| L-Reactor Complex                                                                                                                         | 1         | CKL Rx             | 0                    | 0                                 | 0                                    | 0                                      | 0                                 | 3.5         |
| Early Construction and Operational Disposal Site (ECODS) C-1                                                                              | 1         | CAOU               | 0.16                 | 0                                 | 0                                    | 0                                      | 0                                 | 1.27        |
| ECODs L-1                                                                                                                                 | 1         | ECODS              | 0.40                 | 0                                 | 0                                    | 0                                      | 0                                 | 0.94        |
| ECODs N-2                                                                                                                                 | 1         | ECODS              | 0.47                 | 0                                 | 0                                    | 0                                      | 0                                 | 1.31        |
| ECODs P-2                                                                                                                                 | 1         | ECODS              | 0.18                 | 0                                 | 0                                    | 0                                      | 0                                 | 2.42        |
| ECODs R-1A, R-1B, R-1C                                                                                                                    | 1         | ECODS              | 0.3                  | 0                                 | 0                                    | 0                                      | 0                                 | 1.76        |
| F-Area Burning/Rubble Pits (231-F, 231-1F, and 231-2F)                                                                                    | 1         | FBRP               | 1.18                 | 0                                 | 0                                    | 0                                      | 0                                 | 3.8         |
| K-Area Bingham Pump Outage Pit (BPOP) (643-1G)                                                                                            | 1         | KBPOP              | 0.55                 | 0                                 | 0                                    | 0                                      | 0                                 | 0.59        |
| L-Area BPOP (643-2G and 642-3G)                                                                                                           | 1         | L/P-BPOP           | 0.31                 | 0                                 | 0                                    | 0                                      | 0                                 | 0.73        |
| P-Area BPOP (643-4G)                                                                                                                      | 1         | L/P-BPOP           | 0.28                 | 0                                 | 0                                    | 0                                      | 0                                 | 0.41        |
| R-Area BPOP (643-8G, 643-9G and 643-10G) and R-Area Unknown Pits #1, #2, and #3                                                           | 1         | RBPOP              | 0.88                 | 0                                 | 0                                    | 0                                      | 0                                 | 3.1         |
| Silverton Road Waste Unit (731-3A)                                                                                                        | 1         | SRWU               | 1.36                 | 0                                 | 0                                    | 0                                      | 0                                 | 5.3         |
| Central Shops Burning/Rubble Pits (631-1G and 631-3G)                                                                                     | 3         | CSBRP              | 0.43                 | 0                                 | 0                                    | 0                                      | 0                                 | 2.81        |
| D-Area Burning/Rubble Pits (431-D and 431-1D)                                                                                             | 3         | DBRP               | 0.54                 | 0                                 | 0                                    | 0                                      | 0                                 | 0.73        |
| A-Area Burning/Rubble Pits (731-A and 731-1A) and Rubble Pit (731-2A), Miscellaneous Chemical Basin (731-4A), Metals Burning Pit (731-5A) | 5         | ABRP/RP<br>MCB/MBP | 9.95                 | 0                                 | 0                                    | 0                                      | 10,200                            | 10.1        |
| M-Area Operable Unit                                                                                                                      | 5         | MAOU               | 0.84                 | 3,600                             | 0                                    | 4,350                                  | 0                                 | 70.9        |
| <b>Land Use Controls Only</b>                                                                                                             |           |                    |                      |                                   |                                      |                                        |                                   |             |
| C-Area Operable Unit                                                                                                                      | 1         | CAOU               | 0                    | 0                                 | 0                                    | 0                                      | 0                                 | 56.5        |
| Gunsite 012                                                                                                                               | 1         | Gunsite 012        | 0                    | 0                                 | 0                                    | 0                                      | 0                                 | 8.9         |
| Heavy Equipment Wash Basin (NBN)                                                                                                          | 1         | HEWB               | 0                    | 0                                 | 0                                    | 0                                      | 0                                 | 0.3         |
| Lower Three Runs IOU Tail Portion (Middle and Lower Subunits)                                                                             | 1         | PAR Pond           | 5535.2               | 0                                 | 0                                    | 0                                      | 0                                 | 5535.2      |
| <b>Water Cover</b>                                                                                                                        |           |                    |                      |                                   |                                      |                                        |                                   |             |
| PAR Pond (685-G) (Including the Pre-Cooler Ponds and Canals)                                                                              | 1         | PAR Pond           | 1,340                | 0                                 | 0                                    | 0                                      | 0                                 | 2556.1      |

**Table A-3. Summary of Remedial Actions without Operating Equipment at SRS (continued)**

| Unit Name                                                                                                           | FYR Phase | OU           | Area Covered (acres) | Volume Covered (yd <sup>3</sup> ) | Volume Stabilized (yd <sup>3</sup> ) | Volume Consolidated (yd <sup>3</sup> ) | Volume Removed (yd <sup>3</sup> ) | LUC (acres) |
|---------------------------------------------------------------------------------------------------------------------|-----------|--------------|----------------------|-----------------------------------|--------------------------------------|----------------------------------------|-----------------------------------|-------------|
| <b><i>Geosynthetic Clay (hydraulic conductivity 1E-07 cm/sec, 1E-08 cm/sec)</i></b>                                 |           |              |                      |                                   |                                      |                                        |                                   |             |
| General Separations Area Consolidation Unit                                                                         | 4         | GSACU        | 77.3                 | 0                                 | 0                                    | 50,950                                 | 0                                 | 86          |
| D-Area Expanded Operable Unit consisting of D-Area Ash Basin (488-D) and D-Area Rubble Pit (431-2D)                 | 4         | DEXOU        | 25                   | 0                                 | 0                                    | 110,110                                | 74                                | 43.27       |
| E-Area Low-Level Waste Facility (643-26E)                                                                           | 4         | E-Area LLWF  | 13.6                 | 123,072                           | 0                                    | 0                                      | 0                                 | 0           |
| T-Area Operable Unit                                                                                                | 4         | TAOU         | 9.4                  | 0                                 | 0                                    | 1,531                                  | 0                                 | 47.58       |
| P-Area Reactor Seepage Basin (904-61G, 904-62G, and 904-63G)                                                        | 4         | PRSB         | 2.3                  | 0                                 | 7,400                                | 1,928                                  | 0                                 | 3.13        |
| R-Area Burning/Rubble Pits (131-R and 131-1R) and Rubble Pile (631-25G)                                             | 4         | RBRP/RP      | 0.32                 | 0                                 | 0                                    | 0                                      | 250                               | 0.44        |
| <b><i>Compacted Clay (hydraulic conductivity 1E-07 cm/sec)</i></b>                                                  |           |              |                      |                                   |                                      |                                        |                                   |             |
| F-Area Hazardous Waste Management Facilities (HWMFs) (904-41G, 904-42G, and 904-43G)                                | 3         | F-HWMF       | 6.8                  | 0                                 | 0                                    | 0                                      | 0                                 | 10          |
| H-Area HWMFs (904-44G, 904-45G, 904-46G, 904-56G)                                                                   | 3         | H-HWMF       | 22.1                 | 0                                 | 0                                    | 0                                      | 0                                 | 25          |
| M-Area HWMFs (904-51G and 904-112G)                                                                                 | 3         | M-HWMF       | 2.4                  | 0                                 | 37,800                               | 39,700                                 | 0                                 | 4.5         |
| Metallurgical Laboratory HWMF (904-110G)                                                                            | 3         | Met Lab HWMF | 0.2                  | 0                                 | 0                                    | 0                                      | 0                                 | 3.5         |
| Mixed Waste Management Facility (943-28E)                                                                           | 3         | MWMF         | 58                   | 0                                 | 0                                    | 0                                      | 0                                 | 85          |
| P-Area Burning/Rubble Pit (131-P)                                                                                   | 5         | PBRP         | 0.6                  | 0                                 | 0                                    | 0                                      | 0                                 | 0.89        |
| <b><i>Compacted Clay w/Waste Solidification (hydraulic conductivity 1E-05 cm/sec)</i></b>                           |           |              |                      |                                   |                                      |                                        |                                   |             |
| C-Area Reactor Seepage Basins (904-66G, 904-67G, and 904-68G)                                                       | 4         | CRSB         | 3.1                  | 0                                 | 2,667                                | 0                                      | 0                                 | 3.1         |
| F-Area Retention Basin (281-3F)                                                                                     | 4         | FRB          | 0.59                 | 0                                 | 1,150                                | 42                                     | 0                                 | 1.07        |
| Old F-Area Seepage Basin (904-49G)                                                                                  | 4         | OFASB        | 1.8                  | 0                                 | 10,154                               | 0                                      | 0                                 | 1.8         |
| L-Area Reactor Seepage Basin (904-64G)                                                                              | 4         | LRSB         | 1.73                 | 0                                 | 0                                    | 0                                      | 0                                 | 1.73        |
| L-Area Oil and Chemical Basin (904-83G)                                                                             | 4         | LAOCB        | 0.45                 | 0                                 | 2,170                                | 200                                    | 0                                 | 1.32        |
| K-Area Reactor Seepage Basin (904-65G)                                                                              | 4         | KRSB         | 0.2                  | 0                                 | 583                                  | 0                                      | 0                                 | 0.74        |
| <b><i>Asphalt/Concrete</i></b>                                                                                      |           |              |                      |                                   |                                      |                                        |                                   |             |
| R-Area Operable Unit                                                                                                | 2         | RAOU         | 1.55                 | 0                                 | 123,091                              | 0                                      | 13,404                            | 450         |
| R-Area Reactor Seepage Basin (904-57G, 904-58G, 904-59G, 904-60G, 904-103G, and 904-104G) and 108-4R Overflow Basin | 2         | RRSB         | 18.1                 | 0                                 | 0                                    | 370                                    | 0                                 | 37.8        |
| Heavy Water Components Test Reactor                                                                                 | 4         | BAOU         | 0.15                 | 0                                 | 7,208                                | 0                                      | 0                                 | 0.15        |
| P-Area Operable Unit                                                                                                | 4         | PAOU         | 0.86                 | 0                                 | 117,981                              | 0                                      | 10,905                            | 85.32       |

Table A-3. Summary of Remedial Actions without Operating Equipment at SRS (continued/end)

| Unit Name                                                                                                        | FYR Phase | OU       | Area Covered (acres) | Volume Covered (yd <sup>3</sup> ) | Volume Stabilized (yd <sup>3</sup> ) | Volume Consolidated (yd <sup>3</sup> ) | Volume Removed (yd <sup>3</sup> ) | LUC (acres) |
|------------------------------------------------------------------------------------------------------------------|-----------|----------|----------------------|-----------------------------------|--------------------------------------|----------------------------------------|-----------------------------------|-------------|
| <b>Compacted Common Fill (no hydraulic conductivity requirement)</b>                                             |           |          |                      |                                   |                                      |                                        |                                   |             |
| Chemical, Metals, and Pesticides Pits (080-170G, 080-171G, 080-180G, 080-181G, 080-182G, 080-183G, and 080-190G) | 2         | CMP Pits | 0.3                  | 0                                 | 0                                    | 0                                      | 0                                 | 7.1         |
| R-Area Ash Basin (188-R)                                                                                         | 2         | RAOU     | 15                   | 0                                 | 0                                    | 0                                      | 0                                 | 15          |
| Ford Building Seepage Basin (904-91G)                                                                            | 3         | FBSB     | 0.22                 | 0                                 | 0                                    | 0                                      | 0                                 | 0.28        |
| K-Area Burning/Rubble Pit (131-K) and Rubble Pile (631-20G)                                                      | 3         | KBRP     | 0.8                  | 0                                 | 0                                    | 10,000                                 | 0                                 | 1.15        |
| SRL Seepage Basins (904-53G1, 904-53G2, 904-54G, and 904-55G)                                                    | 3         | SRL SB   | 2.1                  | 0                                 | 0                                    | 0                                      | 6,200                             | 2.56        |
| P-007 Outfall                                                                                                    | 4         | PAOU     | 4.5                  | 0                                 | 0                                    | 0                                      | 8,000                             | 4.5         |
| P-Area Ash Basin (188-P)                                                                                         | 4         | PAOU     | 13.7                 | 0                                 | 0                                    | 0                                      | 0                                 | 13.7        |
| A-Area Miscellaneous Rubble Pile (731-6A)                                                                        | 5         | AMRP     | 1.2                  | 0                                 | 0                                    | 0                                      | 23.7                              | 3.08        |
| D-Area Operable Unit (Bubble Tower and Moderator Processing)                                                     | 5         | DAOU     | 0.7                  | 0                                 | 0                                    | 16,500                                 | 116.7                             | 165         |
| C-Area Burning/Rubble Pit (131-C)                                                                                | 5         | CBRP     | 0.6                  | 0                                 | 0                                    | 0                                      | 0                                 | 141.2       |
| D-Area Coal Pile Runoff Basin (489-D) (25% northern portion)                                                     | 5         | DAOU     | 4.8                  | 0                                 | 0                                    | 5,720                                  | 0                                 | 4.96        |
| New TNX Seepage Basin (904-102G)                                                                                 | 5         | NTSB     | 0.51                 | 0                                 | 0                                    | 0                                      | 0                                 | 2.24        |

ABRP/RP = A-Area Burning/Rubble Pits and Rubble Pit  
AMRP = A-Area Miscellaneous Rubble Pile  
BAOU = B-Area Operable Unit  
BPOP = Bingham Pump Outage Pits  
CAOU = C-Area Operable Unit  
CBRP = C-Area Burning/Rubble Pit  
CKL Rx = C-, K-, and L-Reactor Complexes  
CMP Pits = Chemicals, Metals, and Pesticides Pits  
CSBRP = Central Shops Burning/Rubble Pit  
CRSB = C-Area Reactor Seepage Basin  
DAOU = D-Area Operable Unit  
DBRP = D-Area Burning/Rubble Pit  
DEXOU = D-Area Expanded Operable Unit  
ECODS = Early Construction and Operational Disposal Site  
FBRP = F-Area Burning/Rubble Pits  
FBSB = Ford Building Seepage Basin

FRB = F-Area Retention Basin  
GSACU = General Separations Area Consolidation Unit  
HEWB = Heavy Equipment Wash Basin (NBN)  
HWMF = Hazardous Waste Management Facility  
KBRP = K-Area Burning/Rubble Pit  
KRSB = K-Reactor Seepage Basin  
LAOCB = L-Area Oil and Chemical Basin  
LLWF = Low-Level Waste Facility  
LRSB = L-Area Reactor Seepage Basin  
MAOU = M-Area Operable Unit  
MCB/MBP = Miscellaneous Chemical Basin / Metals Burning Pit  
Met Lab = Metallurgical Laboratory  
MWMF = Mixed Waste Management Facility  
NBN = no building number  
NTSB = New TNX Seepage Basin  
OFASB = Old F-Area Seepage Basin

PAOU = P-Area Operable Unit  
PAR Pond = PAR Pond (685-G) (Including the Pre-Cooler Ponds and Canals) and Lower Three Runs IOU Tail Portion (Middle and Lower Subunits)  
PBRP = P-Area Burning/Rubble Pit (131-P)  
PRSB = P-Reactor Seepage Basin  
RAOU = R-Area Operable Unit  
RBRP/RP = R-Area Burning/Rubble Pits and Rubble Pile  
RRSB = R-Area Reactor Seepage Basin  
SRLSB = SRL Seepage Basin  
SRWU = Silverton Road Waste Unit  
TAOU = T-Area Operable Unit  
  
cm/sec = centimeter per second  
FYR = Five-Year Remedy  
yd<sup>3</sup> = cubic yards

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**Table A-4. Summary of Remedial Actions with Operating Equipment at SRS**

| Unit Name                                                                                                                                 | FYR Phase | OU              | Start | Finish  | ZOI Area (acres) | Volume Treated         | Volume Removed | COCs     |
|-------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------|-------|---------|------------------|------------------------|----------------|----------|
| <b><i>Pump-and-Treat</i></b>                                                                                                              |           |                 |       |         |                  |                        |                |          |
| <b><i>Water Treatment Units</i></b>                                                                                                       |           |                 |       |         |                  |                        |                |          |
| F-Area Groundwater OU                                                                                                                     | 5         | FAGW            | 1997  | 2003    | 250              | 345,718,674 gal        | --             | --       |
| H-Area Groundwater OU                                                                                                                     | 5         | HAGW            | 1997  | 2003    | 250              | 347,165,473 gal        | --             | --       |
| <b><i>Air Stripper</i></b>                                                                                                                |           |                 |       |         |                  |                        |                |          |
| A-Area Groundwater OU                                                                                                                     | 5         | A/M GW          | 1992  | Ongoing | 1,600            | 1,914,506,457 gal      | 17,306 lbs     | PCE, TCE |
| M-Area Groundwater OU                                                                                                                     | 5         | A/M GW          | 1983  | Ongoing | --               | 5,267,510,897 gal      | 508,684 lbs    | PCE, TCE |
| TNX-Area Groundwater OU                                                                                                                   | 5         | TNX GW          | 1996  | 2007    | 80               | 3,500,000 gal          | --             | --       |
| <b><i>Airlift Recirculation Pumps</i></b>                                                                                                 |           |                 |       |         |                  |                        |                |          |
| A/M-Area Groundwater OU                                                                                                                   | 5         | A/M GW          | 1997  | Ongoing | 0.08             | 1,900,000,000 gal      | --             | --       |
| <b><i>Thermal Treatments</i></b>                                                                                                          |           |                 |       |         |                  |                        |                |          |
| <b><i>Dynamic Underground Stripping</i></b>                                                                                               |           |                 |       |         |                  |                        |                |          |
| A/M-Area Groundwater OU                                                                                                                   | 5         | A/M GW          | 2000  | 2001    | 1.1              | 1,600,000 gal          | 70,000 lbs     | VOC      |
| A/M-Area Groundwater OU                                                                                                                   | 5         | A/M GW          | 2005  | 2010    | 3+               | 12,000,000 gal         | 450,000 lbs    | VOC      |
| <b><i>Electrical Resistance Heating with Soil Vapor Extraction</i></b>                                                                    |           |                 |       |         |                  |                        |                |          |
| C-Area Groundwater OU                                                                                                                     | 5         | CMP Pits        | 2006  | 2006    | 0.02             | 1,800 gal              | 730 lbs        | TCE      |
| Chemical, Metals, and Pesticides Pits (080-170G, 080-171G, 080-180G, 080-181G, 080-182G, 080-183G, and 080-190G)                          | 2         | CMP Pits        | 2008  | 2009    | 0.05             | 5,300 gal              | 2,300 lbs      | VOCs     |
| <b><i>Detritiation</i></b>                                                                                                                |           |                 |       |         |                  |                        |                |          |
| D-Area Operable Unit                                                                                                                      | 5         | DAOU            | 2009  | 2011    | --               | 1,650 gal              | 472 Ci         | Tritium  |
| <b><i>Soil Vapor Extraction</i></b>                                                                                                       |           |                 |       |         |                  |                        |                |          |
| <b><i>Mechanical</i></b>                                                                                                                  |           |                 |       |         |                  |                        |                |          |
| A-Area Burning/Rubble Pits (731-A and 731-1A) and Rubble Pit (731-2A), Miscellaneous Chemical Basin (731-4A), Metals Burning Pit (731-5A) | 5         | ABRP/RP MCB/MBP | 2008  | 2017    | 0.34             | 55,000 yd <sup>3</sup> | 143 lbs        | TCE      |
| Miscellaneous Chemical Basin (731-4A)                                                                                                     | 5         | A/M GW          | 2001  | 2002    | --               | 582 yd <sup>3</sup>    | 170 lbs        | TCE      |
| A-Area Miscellaneous Rubble Pile (731-6A)                                                                                                 | 5         | AMRP            | 2004  | 2017    | --               | 6,000 yd <sup>3</sup>  | 146 lbs        | VOCs     |
| A/M-Area Groundwater OU (WSTS)                                                                                                            | 5         | A/M GW          | 2012  | Ongoing | --               | --                     | 2,078 lbs      | VOCs     |
| A/M-Area Groundwater OU (A014 - 782-3M)                                                                                                   | 5         | A/M GW          | 1995  | Ongoing | --               | --                     | 7,424 lbs      | VOCs     |

**Table A-4. Summary of Remedial Actions with Operating Equipment at SRS (*continued*)**

| Unit Name                                                                                                                | FYR<br>Phase | OU                 | Start | Finish  | ZOI Area<br>(acres) | Volume Treated         | Volume<br>Removed | COCs     |
|--------------------------------------------------------------------------------------------------------------------------|--------------|--------------------|-------|---------|---------------------|------------------------|-------------------|----------|
| <b>Soil Vapor Extraction (<i>continued</i>)</b>                                                                          |              |                    |       |         |                     |                        |                   |          |
| <b>Mechanical (<i>continued</i>)</b>                                                                                     |              |                    |       |         |                     |                        |                   |          |
| A/M-Area Groundwater OU (A-014 - Mobile #3)                                                                              | 5            | A/M GW             | 2008  | Ongoing | --                  | --                     | 9,211 lbs         | VOCs     |
| C-Area Burning/Rubble Pit (131-C)                                                                                        | 5            | CBRP               | 2000  | 2004    | 0.28                | 4,500 yd <sup>3</sup>  | 2,100 lbs         | VOCs     |
| M-Area Settling Basin Inactive Process Sewer Lines (081-M)                                                               | 5            | MIPSL              | 2007  | Ongoing | 0.05                | 1,200 yd <sup>3</sup>  | 4,474 lbs         | PCE, TCE |
| Chemical, Metals, and Pesticides Pits (080-170G, 080-171G, 080-180G, 080-181G, 080-182G, 080-183G, and 080-190G) Field A | 2            | CMP Pits           | 2002  | 2005    | 0.56                | 9,000 yd <sup>3</sup>  | 9,300 lbs         | VOCs     |
| Chemical, Metals, and Pesticides Pits (080-170G, 080-171G, 080-180G, 080-181G, 080-182G, 080-183G, and 080-190G) Field B | 2            | CMP Pits           | 2001  | 2002    | 0.21                | 3,400 yd <sup>3</sup>  | 230 lbs           | VOCs     |
| <b>MicroBlowers™</b>                                                                                                     |              |                    |       |         |                     |                        |                   |          |
| A-Area Burning/Rubble Pits (731-A and 731-1A) and Rubble Pit (731-2A)                                                    | 5            | ABRP/RP<br>MCB/MBP | 2003  | Ongoing | 0.07                | 1,200 yd <sup>3</sup>  | 0.44 lbs          | VOCs     |
| Miscellaneous Chemical Basin (731-4A), Metals Burning Pit (731-5A)                                                       | 5            | ABRP/RP<br>MCB/MBP | 2001  | Ongoing | 0.04                | 580 yd <sup>3</sup>    | 9 lbs             | VOCs     |
| A/M-Area Groundwater OU (DUS)                                                                                            | 5            | A/M GW             | 2006  | Ongoing | --                  | --                     | 2,536 lbs         | VOCs     |
| A/M-Area Groundwater OU (WSTS)                                                                                           | 5            | A/M GW             | 2015  | Ongoing | --                  | --                     | 682 lbs           | VOC      |
| C-Area Burning/Rubble Pit (131-C)                                                                                        | 5            | CBRP               | 2004  | Ongoing | --                  | --                     | 682 lbs           | VOCs     |
| D-Area Operable Unit (Bubble Tower)                                                                                      | 5            | DAOU               | 2010  | Ongoing | 0.03                | 465 yd <sup>3</sup>    | 257 lbs           | VOCs     |
| M-Area Settling Basin Inactive Process Sewer Lines (081-M)                                                               | 5            | MIPSL              | 2008  | Ongoing | --                  | 4,033 yd <sup>3</sup>  | 40 lbs            | VOCs     |
| A-Area Miscellaneous Rubble Pile (731-6A)                                                                                | 5            | AMRP               | 2017  | Ongoing | --                  | --                     | 5 lbs             | VOCs     |
| P-Area Operable Unit PSAs 3A and 3B                                                                                      | 4            | PAOU               | 2010  | 2012    | --                  | 94,622 yd <sup>3</sup> | 45 lbs            | VOCs     |
| TNX-Area Groundwater OU                                                                                                  | 5            | TNX GW             | 2007  | Ongoing | --                  | 1,500 yd <sup>3</sup>  | 4.81 lbs          | VOCs     |
| <b>BaroBalls™</b>                                                                                                        |              |                    |       |         |                     |                        |                   |          |
| A-Area Burning/Rubble Pits (731-A and 731-1A) and Rubble Pit (731-2A)                                                    | 5            | ABRP/RP<br>MCB/MBP | 2003  | Ongoing | 0.22                | 3,500 yd <sup>3</sup>  | --                | --       |
| Miscellaneous Chemical Basin (731-4A)                                                                                    | 5            | ABRP/RP<br>MCB/MBP | 2001  | Ongoing | 0.19                | 3,200 yd <sup>3</sup>  | --                | --       |
| A/M-Area Groundwater OU                                                                                                  | 5            | A/M GW             | 1998  | Ongoing | --                  | --                     | --                | --       |

**Table A-4. Summary of Remedial Actions with Operating Equipment at SRS (continued/end)**

| Unit Name                                                                                                                | FYR Phase | OU       | Start | Finish  | ZOI Area (acres) | Volume Treated        | Volume Removed | COCs |
|--------------------------------------------------------------------------------------------------------------------------|-----------|----------|-------|---------|------------------|-----------------------|----------------|------|
| <b>Soil Vapor Extraction (continued)</b>                                                                                 |           |          |       |         |                  |                       |                |      |
| <b>BaroBalls™ (continued)</b>                                                                                            |           |          |       |         |                  |                       |                |      |
| Chemical, Metals, and Pesticides Pits (080-170G, 080-171G, 080-180G, 080-181G, 080-182G, 080-183G, and 080-190G) Field B | 2         | CMP Pits | 2001  | 2010    | 0.21             | 3,374 yd <sup>3</sup> | --             | --   |
| M-Area Operable Unit                                                                                                     | 5         | MAOU     | 2010  | Ongoing | 0.59             | 4,350 yd <sup>3</sup> | --             | --   |
| P-Area Burning/Rubble Pit (131-P)                                                                                        | 5         | PBRP     | 2004  | Ongoing | 0.03             | 1,400 yd <sup>3</sup> | --             | --   |
| <b>Injection</b>                                                                                                         |           |          |       |         |                  |                       |                |      |
| <b>Base Injection with Vertical Barrier Walls</b>                                                                        |           |          |       |         |                  |                       |                |      |
| F-Area Groundwater OU                                                                                                    | 5         | FAGW     | 2005  | Ongoing | --               | --                    | --             | --   |
| H-Area Groundwater OU                                                                                                    | 5         | HAGW     | 2010  | Ongoing | --               | --                    | --             | --   |
| <b>Edible Oil</b>                                                                                                        |           |          |       |         |                  |                       |                |      |
| TNX-Area Groundwater OU                                                                                                  | 5         | TNX GW   | 2008  | 2010    | --               | --                    | --             | --   |

A/M GW = A/M-Area Groundwater

ABRP/RP = A-Area Burning/Rubble Pits and Rubble Pit

AMRP = A-Area Miscellaneous Rubble Pile

CBRP = C-Area Burning/Rubble Pit

CMP Pits = Chemical, Metals, and Pesticides Pits

COC = contaminant of concern

DAOU = D-Area Operable Unit

DUS = Dynamic Underground Stripping

FAGW = F-Area Groundwater

HAGW = H-Area Groundwater

MAOU = M-Area Operable Unit

MCB/MBP = Miscellaneous Chemical Basin / Metals Burning Pit

MIPSL = M-Area Settling Basin Inactive Process Sewer Lines

PAOU = P-Area Operable Unit

PBRP = P-Area Burning/Rubble Pit

PSA = Potential Source Area

TNX GW = TNX Groundwater

WSTS = Western Sector Treatment System

Ci = curies

FYR = Five-Year Remedy

gal = gallon

lbs = pounds

OU = operable unit

PCE = tetrachloroethylene

TCE = trichloroethylene

VOC = volatile organic compound

yd<sup>3</sup> = cubic yards

ZOI = zone of influence

-- No data

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**Table A-5. Chronological Listing of SRS Issued Decision Documents**

| Document Title <sup>a</sup>                                                                    | Document Number        | Rev.     | Issuance Date <sup>b</sup> |
|------------------------------------------------------------------------------------------------|------------------------|----------|----------------------------|
| <i>Consent Decree Signed</i>                                                                   |                        |          | <i>May 26, 1988</i>        |
| <i>NPL Listing Effective Date</i>                                                              |                        |          | <i>December 21, 1989</i>   |
| A/M Area Groundwater IROD (RCRA)                                                               | WSRC-RP-92-744         | 0        | September 16, 1992         |
| M-Area Hazardous Waste Management Facility (904-51G, 904-112G) IROD (RCRA)                     | WSRC-RP-92-743         | 0        | September 16, 1992         |
| Metallurgical Laboratory Hazardous Waste Management Facility (904-110G) IROD (RCRA)            | WSRC-RP-92-745         | 0        | September 16, 1992         |
| <i>Federal Facility Agreement Declared Effective</i>                                           |                        |          | <i>August 16, 1993</i>     |
| F-Area Hazardous Waste Management Facility (904-41G, 904-42G, 904-43G) ROD (RCRA)              | WSRC-RP-93-1042        | 1        | October 1, 1993            |
| H-Area Hazardous Waste Management Facility (904-44G, 904-45G, 904-46G, 904-56G) ROD (RCRA)     | WSRC-RP-93-1043        | 1        | October 1, 1993            |
| Mixed Waste Management Facility (643-28E) ROD (RCRA) <sup>c</sup>                              | WSRC-RP-93-1511        | 1        | September 23, 1994         |
| Tank 105-C Hazardous Waste Management Facility ROD (RCRA) <sup>c</sup>                         | WSRC-RP-94-106         | 1        | September 23, 1994         |
| TNX Groundwater Operable Unit IROD <sup>c</sup>                                                | WSRC-TR-94-0375        | 1        | November 16, 1994          |
| PAR Pond (685-G) IROD <sup>c</sup>                                                             | WSRC-RP-93-1549        | 0        | February 16, 1995          |
| <b>D-Area Oil Seepage Basin (631-G) IROD<sup>c</sup></b>                                       | <b>WSRC-RP-93-1550</b> | <b>1</b> | <b>March 6, 1995</b>       |
| F-Area Groundwater Operable Unit (904-41G, 904-42G, 904-43G) IROD (RCRA) <sup>c</sup>          | WSRC-RP-94-1162        | 1        | April 13, 1995             |
| H-Area Groundwater Operable Unit (904-44G, 904-45G, 904-46G, 904-56G) IROD (RCRA) <sup>c</sup> | WSRC-RP-94-1163        | 1        | April 13, 1995             |
| M-Area West Unit (631-21G) ROD <sup>c</sup>                                                    | WSRC-RP-95-626         | 0        | September 29, 1995         |
| Old Radioactive Waste Burial Ground (643-E) IROD                                               | WSRC-RP-96-102         | 0        | July 25, 1996              |
| Burma Road Rubble Pit (231-4F) ROD                                                             | WSRC-RP-96-101         | 1        | July 25, 1996              |
| D-Area Burning/Rubble Pits (431-D, 431-1D) ROD                                                 | WSRC-RP-96-867         | 1        | July 3, 1997               |
| F-Area Burning/Rubble Pits (231-F, 231-1F, and 231-2F) ROD                                     | WSRC-RP-96-868         | 1        | July 3, 1997               |
| Grace Road Site (631-22G) ROD                                                                  | WSRC-RP-96-160         | 1        | July 3, 1997               |
| Gunsite 113 Access Road Unit (631-24G) ROD                                                     | WSRC-RP-96-833         | 1        | July 3, 1997               |
| Gunsite 720 Rubble Pit Unit (631-16G) ROD                                                      | WSRC-RP-96-832         | 1        | July 3, 1997               |
| Silverton Road Waste Unit (713-3A) ROD                                                         | WSRC-RP-96-171         | 1        | July 3, 1997               |
| Central Shops Burning/Rubble Pit (631-6G) ROD                                                  | WSRC-RP-96-873         | 1        | July 3, 1997               |
| Old F-Area Seepage Basin (904-49G) ROD                                                         | WSRC-RP-96-872         | 1.1      | July 3, 1997               |
| <i>First Five-Year Remedy Review</i>                                                           | <i>WSRC-RP-97-403</i>  | <i>0</i> | <i>August 27, 1997</i>     |

**Table A-5. Chronological Listing of SRS Issued Decision Documents (*continued*)**

| Document Title <sup>a</sup>                                                                                                        | Document Number          | Rev.       | Issuance Date <sup>b</sup> |
|------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------|----------------------------|
| TNX Groundwater Operable Unit ESD                                                                                                  | WSRC-RP-97-169           | 1          | October 10, 1997           |
| K-Area Bingham Pump Outage Pit (643-1G) ROD                                                                                        | WSRC-RP-97-178           | 1          | June 11, 1998              |
| C-, F-, K-, and P-Area Coal Pile Runoff Basins (189-C, 289-F, 189-K, 189-P) ROD <sup>c</sup>                                       | WSRC-RP-97-850           | 1          | November 10, 1998          |
| L-Area Oil and Chemical Basin and L-Area Acid/Caustic Basin (904-83G, -79G) ROD                                                    | WSRC-RP-97-143           | 1          | November 10, 1998          |
| 716-A Motor Shops Seepage Basin (904-101G) ROD                                                                                     | WSRC-RP-97-840           | 0          | November 16, 1998          |
| Fire Department Hose Training Facility (904-113G) ROD                                                                              | WSRC-RP-97-171           | 1          | November 16, 1998          |
| Old F-Area Seepage Basin (904-49G) ESD                                                                                             | WSRC-RP-98-4123          | 1          | December 16, 1998          |
| <b>D-Area Oil Seepage Basin (631-G) ROD</b>                                                                                        | <b>WSRC-RP-97-402</b>    | <b>1</b>   | <b>May 7, 1999</b>         |
| C-Area Burning/Rubble Pit (131-C) IROD                                                                                             | WSRC-RP-98-4039          | 0          | May 7, 1999                |
| F-Area Retention Basin (281-3F) ROD                                                                                                | WSRC-RP-97-145           | 1.1        | May 19, 1999               |
| Ford Building Waste Site (643-11G) ROD                                                                                             | WSRC-RP-98-4066          | 1          | October 13, 1999           |
| <b>Chemicals, Metals, and Pesticides Pits (080-170G, 080-171G, 080-180G, 080-181G, 080-182G, 080-183G, 080-190G) IROD</b>          | <b>WSRC-RP-98-4192</b>   | <b>1.1</b> | <b>January 19, 2000</b>    |
| SRL Seepage Basins (904-51G1, 904-52G2, 904-52G, 904-55G) ROD                                                                      | WSRC-RP-97-848           | 1.1        | April 26, 2000             |
| C-Reactor Seepage Basins (904-66G, 904-67G, 904-68G) Plug-In ROD ESD                                                               | WSRC-RP-2000-4032        | 0          | October 18, 2000           |
| L & P Bingham Pump Outage Pits (643-2G, 643-3G, 643-4G) ROD                                                                        | WSRC-RP-98-4015          | 1          | October 18, 2000           |
| Burma Road Rubble Pit, 231-4F ESD <sup>c</sup>                                                                                     | WSRC-RP-98-4170          | 1          | February 6, 2001           |
| A-Area Burning/Rubble Pits (731-A/1A) and Rubble Pit (731-2A) IROD                                                                 | WSRC-RP-2000-4001        | 1          | February 9, 2001           |
| Miscellaneous Chemical Basin/Metals Burning Pit (731-4A/5A) IROD                                                                   | WSRC-RP-98-4031          | 1.1        | February 9, 2001           |
| West of SRL "Georgia Fields" Site (631-19G) ROD                                                                                    | WSRC-RP-99-4164          | 0          | February 22, 2001          |
| F-Area Retention Basin (281-3F) ESD <sup>c</sup>                                                                                   | WSRC-RP-2000-4079        | 1          | June 7, 2001               |
| K-Area Burning/Rubble Pit (131-K & 631-20G) ROD <sup>c</sup>                                                                       | WSRC-RP-97-862           | 1          | August 8, 2001             |
| ORWBG Old Solvent Tanks (650-01E through 650-22E) IROD                                                                             | WSRC-RP-2000-4193        | 1          | September 27, 2001         |
| Ford Building Seepage Basin ROD                                                                                                    | WSRC-RP-2000-4156        | 1          | April 5, 2002              |
| <b>Chemical, Metals, and Pesticides Pits (080-170G, 080-171G, 080-180G, 080-181G, 080-182G, 080-183G, 080-190G) IROD Amendment</b> | <b>WSRC-RP-2000-4158</b> | <b>1.2</b> | <b>April 8, 2002</b>       |
| K-Area Reactor Seepage Basin ESD <sup>c</sup>                                                                                      | WSRC-RP-99-4200          | 1.1        | September 16, 2002         |
| General Separations Area Consolidation Unit ROD                                                                                    | WSRC-RP-2002-4002        | 0          | October 25, 2002           |

**Table A-5. Chronological Listing of SRS Issued Decision Documents (*continued*)**

| <b>Document Title<sup>a</sup></b>                                                                                                         | <b>Document Number</b>   | <b>Rev.</b> | <b>Issuance Date<sup>b</sup></b> |
|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------|----------------------------------|
| Central Shops Sludge Lagoon (080-24G) ROD                                                                                                 | WSRC-RP-2000-4189        | 1           | November 15, 2002                |
| C-Area & L-Area Reactor Seepage Basin ROD Amendment                                                                                       | WSRC-RP-2002-4063        | 1           | December 5, 2002                 |
| R-Area Acid/Caustic Basin (904-77G) ROD                                                                                                   | WSRC-RP-2002-4015        | 1           | February 10, 2003                |
| L-Area Burning/Rubble Pit (131-L) & Rubble Pile (131-3L) & Gas Cylinder Disposal Facility (131-2L) ROD                                    | WSRC-RP-98-4195          | 1.1         | February 17, 2003                |
| A-Area Burning/Rubble Pits (731-A/731-1A) and Rubble Pit (731-2A) ESD                                                                     | WSRC-RP-2001-4281        | 1           | March 10, 2003                   |
| R-Area Bingham Pump Outage Pits (643-8G, 643-9G and 643-10G) and R-Area Unknown Pits #1, #2, and #3 ROD                                   | WSRC-RP-2001-4129        | 1.1         | April 28, 2003                   |
| TNX Area Groundwater Operable Unit ESD <sup>c</sup>                                                                                       | WSRC-RP-2001-00764       | 0           | May 19, 2003                     |
| Central Shops Burning/Rubble Pits (631-1G and 631-3G) ROD                                                                                 | WSRC-RP-2001-4265        | 1.1         | June 30, 2003                    |
| P-Area Burning/Rubble Pit (131-P) ROD                                                                                                     | WSRC-RP-2000-4197        | 1           | August 8, 2003                   |
| A-Area Miscellaneous Rubble Pile (731-6A) ROD                                                                                             | WSRC-RP-2001-4197        | 1.3         | August 11, 2003                  |
| P-Area Reactor Seepage Basin (904-61G, 904-62G, 904-63G) Plug-In ROD ESD                                                                  | WSRC-RP-2002-4105        | 1.1         | October 2, 2003                  |
| <b>Chemical, Metals, and Pesticides Pits (080-170G, 080-171G, 080-180G, 080-181G, 080-182G, 080-183G, 080-190G) Second IROD Amendment</b> | <b>WSRC-RP-2001-4232</b> | <b>1.1</b>  | <b>October 21, 2003</b>          |
| L-Area Hot Shop (717-G) ROD                                                                                                               | WSRC-RP-2002-4025        | 1.1         | November 3, 2003                 |
| Road A Chemical Basin (904-111G) ROD                                                                                                      | WSRC-RP-2002-4153        | 0           | November 3, 2003                 |
| <b>Second Five-Year Remedy Review<sup>c</sup></b>                                                                                         | <b>WSRC-RP-2001-4163</b> | <b>1.1</b>  | <b>February 12, 2004</b>         |
| <b>R-Area Reactor Seepage Basins (904-57G, 904-58G, 904-59G, 904-60G, 904-103G, 904-104G and 108-4R Overflow Basin) ROD</b>               | <b>WSRC-RP-2003-4093</b> | <b>1</b>    | <b>March 18, 2004</b>            |
| TNX Burying Ground (643-G), New TNX Seepage Basin, Old TNX Seepage Basin and TNX Groundwater (082-G) ROD                                  | WSRC-RP-2003-4017        | 1           | April 7, 2004                    |
| SRL Oil Test Site (808-16G) ROD                                                                                                           | WSRC-RP-2003-4164        | 1           | September 20, 2004               |
| R-Area Burning/Rubble Pits (131-R and 131-1R) and Rubble Pile (631-25G) ROD                                                               | WSRC-RP-2004-4004        | 1           | September 28, 2004               |
| <b>C-Area Reactor Groundwater IROD</b>                                                                                                    | <b>WSRC-RP-2004-4022</b> | <b>1</b>    | <b>October 15, 2004</b>          |
| D-Area Expanded Operable Unit (Consisting of D-Area Ash Basin, 488-D and D-Area Rubble Pit, 431-2D) ROD                                   | WSRC-RP-2004-4007        | 1           | December 17, 2004                |
| Old F-Area Seepage Basin (904-49G) ROD Amendment                                                                                          | WSRC-RP-2003-4136        | 1           | December 17, 2004                |
| Heavy Equipment Wash Basin and Central Shops Burning/Rubble Pit (631-5G) ROD                                                              | WSRC-RP-2003-4185        | 1.1         | January 28, 2005                 |

**Table A-5. Chronological Listing of SRS Issued Decision Documents (*continued*)**

| <b>Document Title<sup>a</sup></b>                                                                                                              | <b>Document Number</b>    | <b>Rev.</b> | <b>Issuance Date<sup>b</sup></b> |
|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------|----------------------------------|
| <b>Chemical, Metals, and Pesticides Pits (080-170G, 080-171G, 080-180G, 080-181G, 080-182G, 080-183G, 080-190G) ROD</b>                        | <b>WSRC-RP-2004-4090</b>  | <b>1</b>    | <b>May 10, 2005</b>              |
| Silverton Road Waste Unit ESD                                                                                                                  | WSRC-RP-2004-4092         | 1.1         | June 16, 2005                    |
| TNX Area OU ESD                                                                                                                                | WSRC-RP-2005-4030         | 1           | November 7, 2005                 |
| Hydrofluoric Acid Spill (631-4G) ROD                                                                                                           | WSRC-RP-2005-4000         | 0           | December 28, 2005                |
| T-Area OU ROD                                                                                                                                  | WSRC-RP-2004-4070         | 1           | January 4, 2006                  |
| K-Area Sludge Land Application Site (761-4G) and PAR Pond Sludge Land Application Site (761-5G) ROD                                            | WSRC-RP-2005-4064         | 1           | June 30, 2006                    |
| 211-FB Pu-239 Release (081-F) ROD                                                                                                              | WSRC-RP-2005-4090         | 1           | September 18, 2006               |
| M-Area Inactive Process Sewer Lines (081-M) ROD                                                                                                | WSRC-RP-2006-4001         | 1           | April 26, 2007                   |
| <b>L-Area Southern Groundwater ROD</b>                                                                                                         | <b>WSRC-RP-2006-4052</b>  | <b>1.1</b>  | <b>May 9, 2007</b>               |
| A-Area Burning/Rubble Pits and Rubble Pit (731-A, 731-1A, 731-2A) and the Miscellaneous Chemical Basin/Metals Burning Pit (731-4A, 731-5A) ROD | WSRC-RP-2005-4095         | 1.1         | August 2, 2007                   |
| C-Area Burning/Rubble Pit (131-C) and Old C-Area Burning/Rubble Pit (NBN) ROD                                                                  | WSRC-RP-2007-4082         | 1           | July 9, 2008                     |
| <b>Third Five-Year Remedy Review</b>                                                                                                           | <b>WSRC-RP-2007-4063</b>  | <b>1.1</b>  | <b>January 28, 2009</b>          |
| P-Area Operable Unit Early Action ROD                                                                                                          | WSRC-RP-2008-4037         | 1.1         | January 29, 2009                 |
| M-Area Operable Unit ROD                                                                                                                       | WSRC-RP-2008-4030         | 1           | February 5, 2009                 |
| M-Area Operable Unit ESD                                                                                                                       | SRNS-RP-2009-00406        | 1           | July 9, 2009                     |
| P-Area Operable Unit Early Action ROD ESD                                                                                                      | SRNS-RP-2009-00704        | 1           | October 27, 2009                 |
| <b>C-, K-, L- and R-Reactor Complexes Early Action ROD</b>                                                                                     | <b>SRNS-RP-2009-00707</b> | <b>1</b>    | <b>December 8, 2009</b>          |
| E-Area Low Level Waste Facility (Slit Trench Disposal Units 1 and 2) IROD                                                                      | SRNS-RP-2009-00538        | 1           | January 22, 2010                 |
| Early Construction and Operational Disposal Site L-1, N-2, P-2, R-1A, R-1B, R-1C ROD                                                           | SRNS-RP-2009-00072        | 1           | March 30, 2010                   |
| E-Area Low Level Waste Facility (Slit Trench Disposal Units 1 and 2) ESD                                                                       | SRNS-RP-2009-01128        | 1           | April 22, 2010                   |
| P-Area Operable Unit ROD                                                                                                                       | SRNS-RP-2009-01368        | 1           | July 22, 2010                    |
| Gunsite 218 Rubble Pile ROD                                                                                                                    | SRNS-RP-2010-00051        | 1           | October 22, 2010                 |
| <b>R-Area Operable Unit ROD</b>                                                                                                                | <b>SRNS-RP-2010-01062</b> | <b>1</b>    | <b>April 20, 2011</b>            |
| L-Area Northern Groundwater ROD                                                                                                                | SRNS-RP-2011-00134        | 1           | June 20, 2011                    |
| Gunsite 012 (including ECODS G-3) ROD                                                                                                          | SRNS-RP-2010-01232        | 1           | June 27, 2011                    |
| D-Area Operable Unit Early Action ROD                                                                                                          | SRNS-RP-2010-00162        | 1.2         | September 26, 2011               |
| PAR Pond Unit: Lower Three Runs IOU Tail Portion (Middle and Lower Subunits) ESD                                                               | SRNS-RP-2012-00121        | 1           | September 13, 2012               |
| B-Area Operable Unit ROD                                                                                                                       | SRNS-RP-2012-00354        | 1           | April 16, 2013                   |

**Table A-5. Chronological Listing of SRS Issued Decision Documents (*continued/end*)**

| <b>Document Title<sup>a</sup></b>                                                                       | <b>Document Number</b>           | <b>Rev.</b>       | <b>Issuance Date<sup>b</sup></b> |
|---------------------------------------------------------------------------------------------------------|----------------------------------|-------------------|----------------------------------|
| F-Area Tank Farm, Waste Tanks 17 and 20 IROD                                                            | SRR-CWDA-2013-00111              | 1                 | April 30, 2013                   |
| TNX Area Operable Unit (Second ESD to the ROD)                                                          | SRNS-RP-2012-00205               | 1                 | June 12, 2013                    |
| F-Area Tank Farm (Tanks 18 and 19 ESD to the IROD)                                                      | SRR-CWDA-2013-00007              | 1.1               | September 23, 2013               |
| <b><i>Fourth Five-Year Remedy Review</i></b>                                                            | <b><i>SRNS-RP-2012-00011</i></b> | <b><i>1.1</i></b> | <b><i>February 4, 2014</i></b>   |
| <b>L-Area Southern Groundwater Operable Unit (ESD to the ROD)</b>                                       | <b>SRNS-RP-2012-00736</b>        | <b>1</b>          | <b>September 10, 2014</b>        |
| F-Area Tank Farm (Tanks 5 and 6 ESD to the IROD)                                                        | SRR-CWDA-2014-00008              | 1                 | September 11, 2014               |
| C-Area Operable Unit Early Action ROD                                                                   | SRNS-RP-2014-00836               | 1                 | September 2, 2015                |
| <b><i>Fifth Five-Year Remedy Review for SRS OUs with Native Soil Covers and/or LUCs</i></b>             | <b><i>SRNS-RP-2014-00902</i></b> | <b><i>1</i></b>   | <b><i>November 30, 2015</i></b>  |
| H-Area Tank Farm (Waste Tank 16) IROD                                                                   | SRR-CWDA-2015-00157              | 1                 | August 16, 2016                  |
| <b><i>Fifth Five-Year Remedy Review for SRS OUs with Groundwater Remedies</i></b>                       | <b><i>SRNS-RP-2015-00419</i></b> | <b><i>1</i></b>   | <b><i>February 2, 2017</i></b>   |
| H-Area Tank Farm (Waste Tank 12) ESD to the IROD                                                        | SRR-CWDA-2016-00107              | 0                 | April 20, 2017                   |
| <b><i>Fifth Five-Year Remedy Review for SRS OUs with Engineered Covers</i></b>                          | <b><i>SRNS-RP-2016-00609</i></b> | <b><i>1</i></b>   | <b><i>February 21, 2018</i></b>  |
| <b><i>Fifth Five-Year Remedy Review for SRS OUs with Geosynthetic or S/S Cover Systems</i></b>          | <b><i>SRNS-RP-2016-00610</i></b> | <b><i>1</i></b>   | <b><i>March 27, 2018</i></b>     |
| <b>Wetland Area at Dunbarton Bay in Support of Steel Creek Integrator Operable Unit ROD<sup>d</sup></b> | <b>SRNS-RP-2013-00730</b>        | <b>1</b>          | <b>June 20, 2018</b>             |
| <b><i>Fifth Five-Year Remedy Review Report for SRS OUs with Operating Equipment</i></b>                 | <b><i>SRNS-RP-2017-00567</i></b> | <b><i>1</i></b>   | <b><i>December 5, 2018</i></b>   |
| G-Area Oil Seepage Basin (761-13G) Operable Unit ROD                                                    | SRNS-RP-2018-01050               | 1                 | June 26, 2019                    |
| <b><i>Sixth Five-Year Remedy Review Report for SRS OUs with Native Soil Covers and/or LUCs</i></b>      | <b><i>SRNS-RP-2018-00811</i></b> | <b><i>1</i></b>   | <b><i>November 5, 2019</i></b>   |

a Shaded text identifies the SRS OUs evaluated in this report for the second phase of the sixth five-year remedy review (i.e., groundwater remedies).

b Unless otherwise noted, the Issuance Date represents the date that the public was notified that the Three-Party signed document was available.

c This is the last signature date instead of the Issuance Date.

d Wetland Area at Dunbarton Bay (WADB) is included in the native soil covers and/or LUCs phase. However, since the sixth five-year remedy review document development will occur before completion of the remedy implementation, WADB will not be included in this review cycle.

RCRA – Resource Conservation and Recovery Act

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**Table A-6. Summary of No Remedial Actions at SRS OUs**

| Operable Unit                                                                               | Remedial Action                                       |
|---------------------------------------------------------------------------------------------|-------------------------------------------------------|
| <b><i>No Action/No Further Action</i></b>                                                   |                                                       |
| 211-FB Pu-239 Release (081-F)                                                               | No Action                                             |
| 716-A Motor Shops Seepage Basin (904-101G)                                                  | No Action                                             |
| Burma Road Rubble Pit (231-4F)                                                              | No Action                                             |
| Central Shops Burning/Rubble Pit (631-6G)                                                   | No Action                                             |
| Central Shops Sludge Lagoon (080-24G)                                                       | No Action                                             |
| C-, F-, K-, and P-Area Coal Pile Runoff Basins (189-C, 289-F, 189-K, 189-P)                 | No Further Action                                     |
| Fire Department Hose Training Facility (904-113G)                                           | No Action                                             |
| Ford Building Waste Site (643-11G)                                                          | No Further Action (Removal)                           |
| G-Area Oil Seepage Basin (761-13G)                                                          | No Action                                             |
| Gas Cylinder Disposal Facility (131-2L)                                                     | No Action                                             |
| Grace Road Site (631-22G)                                                                   | No Action                                             |
| Gunsite 113 Access Road Unit (631-24G)                                                      | No Action                                             |
| Gunsite 218 Rubble Pile (621-23G)                                                           | No Action                                             |
| Gunsite 720 Rubble Pit Unit (631-16G)                                                       | No Action                                             |
| Hydrofluoric Acid Spill (631-4G)                                                            | No Action                                             |
| K-Area and PAR Pond Sludge Land Application Site (761-4G and 761-5G)                        | No Action                                             |
| L-Area Burning/Rubble Pit (131-L)                                                           | No Action                                             |
| L-Area Hot Shop (717-G)                                                                     | No Further Action                                     |
| L-Area Northern Groundwater (NBN)                                                           | No Action                                             |
| L-Area Rubble Pile (131-3L)                                                                 | No Action                                             |
| M-Area West Unit (631-21G)                                                                  | No Action                                             |
| R-Area Acid/Caustic Basin (904-77G)                                                         | No Action                                             |
| Road A Chemical Basin (904-111G)                                                            | No Action                                             |
| SRL Oil Test Site (080-16G)                                                                 | No Action                                             |
| West of SRL "Georgia Fields" Site (631-19G)                                                 | No Action                                             |
| <b><i>No Action/No Further Action OUs Associated with OUs Requiring Remedial Action</i></b> |                                                       |
| 108-4R Overflow Basin (108-4R) <sup>1</sup>                                                 | No Further Action                                     |
| Central Shops Burning/Rubble Pit (631-5G) <sup>2</sup>                                      | No Action                                             |
| ECODS B-3 and B-5 (NBN) <sup>3</sup>                                                        | No Further Action                                     |
| ECODS G-3 (Adjacent to Gunsite 012) (NBN) <sup>4</sup>                                      | No Action                                             |
| L-Area Acid/Caustic Basin (904-79G) <sup>5</sup>                                            | No Action                                             |
| Rubble Pile Across from Gunsite 012 (NBN) <sup>4</sup>                                      | No Action                                             |
| <b><i>RCRA Units that are No Further Action under CERCLA</i></b>                            |                                                       |
| H-Area Hazardous Waste Management Facility (904-44G, 904-45G, 904-46G, 904-56G)             | No Further Action (Low Permeability Cap)              |
| Tank 105-C Hazardous Waste Management Facility (NBN)                                        | No Further Action                                     |
| F-Area Hazardous Waste Management Facility (904-41G, 904-42G, 904-43G)                      | No Further Action (Low Permeability Cap, In Situ S/S) |
| Mixed Waste Management Facility (643-28E)                                                   | No Further Action (Low Permeability Cap)              |

1 – Included with R-Reactor Seepage Basins (904-57G, 904-58G, 904-59G, 904-60G, 904-103G, and 904-104G)

2 – Included with Heavy Equipment Wash Basin (NBN)

3 – Included with B-Area Operable Unit

4 – Included with Gunsite 012

5 – Included with L-Area Oil and Chemical Basin (904-83G)

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**Table A-7. List of OU Subunits with Remedial Actions**

| #  | OU Subunits <sup>a,b</sup>                                            | SEMS #     |
|----|-----------------------------------------------------------------------|------------|
| 1  | A-Area Burning/Rubble Pit, 731-1A                                     | 28         |
|    | A-Area Burning/Rubble Pit, 731-A                                      |            |
|    | A-Area Rubble Pit, 731-2A                                             |            |
|    | Miscellaneous Chemical Basin, 731-4A                                  |            |
|    | Metals Burning Pit, 731-5A                                            |            |
| 2  | A-Area Miscellaneous Rubble Pile, 731-6A                              | 30         |
| 3  | A/M Area Groundwater                                                  | 36         |
| 4  | B-Area Operable Unit                                                  | 48         |
| 5  | C-Area Burning/Rubble Pit, 131-C                                      | 31         |
|    | Old C-Area Burning/Rubble Pit, NBN                                    |            |
| 6  | C-Area Groundwater                                                    | 82         |
| 7  | C-Area Process Sewer Line as Abandoned, NBN                           | 79         |
|    | C-Area Reactor Area Cask Car Railroad Tracks as Abandoned, NBN        |            |
|    | C-Reactor Discharge Canal, NBN                                        |            |
|    | ECODS C-1 (Near C-Area Reactor Discharge Canal), NBN                  |            |
|    | Potential Release from C-Area Disassembly Basin, NBN                  |            |
|    | Potential Release from C-Area Reactor Cooling Water System, 186/190-C |            |
| 8  | C-Area Reactor Seepage Basin, 904-66G                                 | 60         |
|    | C-Area Reactor Seepage Basin, 904-67G                                 |            |
|    | C-Area Reactor Seepage Basin, 904-68G                                 |            |
| 9  | Central Shops Burning/Rubble Pit, 631-1G                              | 50         |
|    | Central Shops Burning/Rubble Pit, 631-3G                              |            |
| 10 | CMP Pit, 080-170G                                                     | 24         |
|    | CMP Pit, 080-171G                                                     |            |
|    | CMP Pit, 080-180G                                                     |            |
|    | CMP Pit, 080-181G                                                     |            |
|    | CMP Pit, 080-182G                                                     |            |
|    | CMP Pit, 080-183G                                                     |            |
|    | CMP Pit, 080-190G                                                     |            |
| 11 | C-, K-, L-Reactor Complexes                                           | 79, 90, 91 |
| 12 | D-Area Burning/Rubble Pit, 431-D                                      | 15         |
|    | D-Area Burning/Rubble Pit, 431-1D                                     |            |
| 13 | D-Area Ash Basin, 488-D                                               | 67         |
|    | D-Area Rubble Pit, 431-2D                                             |            |
| 14 | D-Area Oil Seepage Basin, 631-G                                       | 27         |
| 15 | D-Area Coal Pile Runoff Basin, 489-D                                  | 63         |
|    | D-Area Waste Oil Facility, 484-10D                                    |            |
|    | D-Area Asbestos Pit, 080-20G                                          |            |
|    | Combined Spills from 483-D and Associated Areas, NBN                  |            |
|    | D-Area Process Sewer Lines as Abandoned, NBN                          |            |
| 16 | E-Area Low Level Waste Facility, 643-26E                              | 86         |
| 17 | ECODS L-1, NBN                                                        | 22         |
|    | ECODS P-2, NBN                                                        |            |
|    | ECODS R-1A, R-1B, R-1C, NBN                                           |            |
|    | ECODS N-2, NBN                                                        |            |

**Table A-7. List of OU Subunits with Remedial Actions (continued)**

| #  | OU Subunits <sup>a,b</sup>                                                                                                                                                         | SEMS # |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 18 | F-Area Burning/Rubble Pit, 231-1F                                                                                                                                                  | 14     |
|    | F-Area Burning/Rubble Pit, 231-2F                                                                                                                                                  |        |
|    | F-Area Burning/Rubble Pit, 231-F                                                                                                                                                   |        |
| 19 | F-Area Groundwater Operable Unit (904-41G, 904-42G, 904-43G)                                                                                                                       | 8      |
| 20 | F-Area Hazardous Waste Management Facility (F-Area Seepage Basin, 904-41G)                                                                                                         | 6      |
|    | F-Area Hazardous Waste Management Facility (F-Area Seepage Basin, 904-42G)                                                                                                         |        |
|    | F-Area Hazardous Waste Management Facility (F-Area Seepage Basin, 904-43G)                                                                                                         |        |
| 21 | F-Area Retention Basin, 281-3F                                                                                                                                                     | 23     |
| 22 | F-Area Tank Farm, Waste Tanks 17 and 20                                                                                                                                            | 23     |
|    | F-Area Tank Farm, Waste Tanks 18 and 19                                                                                                                                            |        |
|    | F-Area Tank Farm, Waste Tanks 5 and 6                                                                                                                                              |        |
| 23 | Ford Building Seepage Basin, 904-91G                                                                                                                                               | 58     |
| 24 | General Separations Area Consolidation Unit including Old Radioactive Waste Burial Ground(643-E) and Old Solvent Tanks (650-01E through 650-22E)                                   | 32     |
|    | Warner's Pond, 685-23G and Spill of 3/08/1978 of Unknown Seepage Basin Pipe Leak in H-Area Seepage Basin and Spill on 02/08/1978 of Unknown H-Area Process Sewer Line Cave-In, NBN |        |
|    | H-Area Retention Basin, 281-3H and Spill of 5/01/1956 of Unknown Retention Basin Pipe Leak, NBN                                                                                    |        |
|    | HP-52 Ponds, NBN                                                                                                                                                                   |        |
| 25 | Gunsite 012 Rubble Pile, NBN                                                                                                                                                       | 78     |
| 26 | H-Area Groundwater OU                                                                                                                                                              | 9      |
| 27 | H-Area Hazardous Waste Management Facility (F-Area Seepage Basin, 904-44G)                                                                                                         | 7      |
|    | H-Area Hazardous Waste Management Facility (F-Area Seepage Basin, 904-46G)                                                                                                         |        |
|    | H-Area Hazardous Waste Management Facility (F-Area Seepage Basin, 904-45G)                                                                                                         |        |
|    | H-Area Hazardous Waste Management Facility (F-Area Seepage Basin, 904-56G)                                                                                                         |        |
| 28 | H-Area Tank Farm, Waste Tank 12                                                                                                                                                    | 89     |
|    | H-Area Tank Farm, Waste Tank 16                                                                                                                                                    |        |
| 29 | Heavy Equipment Wash Basin, NBN                                                                                                                                                    | 25     |
| 30 | K-Area Bingham Pump Outage Pit, 643-1G                                                                                                                                             | 20     |
| 31 | K-Area Burning/Rubble Pit, 131-K                                                                                                                                                   | 40     |
|    | K-Area Rubble Pile, 631-20G                                                                                                                                                        |        |
| 32 | K-Area Reactor Seepage Basin, 904-65G                                                                                                                                              | 55     |
| 33 | L-Area Bingham Pump Outage Pit, 643-2G                                                                                                                                             | 26     |
|    | L-Area Bingham Pump Outage Pit, 643-3G                                                                                                                                             |        |
|    | P-Area Bingham Pump Outage Pit, 643-4G                                                                                                                                             | 39     |
| 34 | L-Area Oil Chemical Basin, 904-83G                                                                                                                                                 | 17     |
| 35 | L-Area Reactor Seepage Basin, 904-64G                                                                                                                                              | 65     |
| 36 | L-Area Southern Groundwater, NBN                                                                                                                                                   | 77     |
| 37 | M-Area Hazardous Waste Management Facility: Lost Lake, 904-112G                                                                                                                    | 1      |
|    | M-Area Hazardous Waste Management Facility: M-Area Settling Basin, 904-51G                                                                                                         |        |
| 38 | M-Area Settling Basin Inactive Process Sewers to Manhole 1, 081-M                                                                                                                  | 19     |

**Table A-7. List of OU Subunits with Remedial Actions (*continued*)**

| #  | OU Subunits <sup>ab</sup>                                                                                                                                 | SEMS # |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 39 | Inactive Clay Process Sewer Lines (Including Potential Release of TCT, TET, TCE, HNO <sub>3</sub> , U, Heavy Metals from 321-M Abandoned Sewer Line), NBN | 92     |
|    | Salvage Yard, 741-A                                                                                                                                       |        |
|    | M-Area Underground Sump 321-M #001                                                                                                                        |        |
|    | M-Area Underground Sump 321-M #002                                                                                                                        |        |
|    | M-Area Test Pile Facility, 305-A                                                                                                                          |        |
| 40 | Metallurgical Laboratory Hazardous Waste Management Facility, 904-110G                                                                                    | 2      |
| 41 | Mixed Waste Management Facility, 643-28E                                                                                                                  | 33     |
| 42 | Old F-Area Seepage Basin, 904-49G                                                                                                                         | 16     |
| 43 | PAR Pond (including the Pre-Cooler Ponds and Canals), 685-G                                                                                               | 35     |
|    | PAR Pond: Lower Three Runs Integrator Operable Unit Tail Portion (Middle and Lower Subunits)                                                              |        |
| 44 | P-Area Burning/Rubble Pit, 131-P                                                                                                                          | 59     |
| 45 | P-Area Ash Basin (including Outfall P-007), 188-P                                                                                                         | 94     |
|    | Potential Release from P-Area Disassembly Basin, NBN                                                                                                      |        |
|    | Potential Release from P-Area Reactor Cooling Water System, 186/190-P                                                                                     |        |
|    | P-Area Reactor Area Cask Car Railroad Tracks as Abandoned, NBN                                                                                            |        |
|    | P-Area Process Sewer Lines as Abandoned, NBN and Spill on 3/15/79 of 5500 Gallons of Contaminated Water, NBN                                              |        |
| 46 | P-Area Reactor Seepage Basin, 904-61G                                                                                                                     | 66     |
|    | P-Area Reactor Seepage Basin, 904-62G                                                                                                                     |        |
|    | P-Area Reactor Seepage Basin, 904-63G                                                                                                                     |        |
| 47 | R-Area Bingham Pump Outage Pit, 643-10G                                                                                                                   | 38     |
|    | R-Area Bingham Pump Outage Pit, 643-8G                                                                                                                    |        |
|    | R-Area Bingham Pump Outage Pit, 643-9G                                                                                                                    |        |
|    | R-Area Unknown Pit #1 (Runk-1), NBN                                                                                                                       |        |
|    | R-Area Unknown Pit #2 (Runk-2), NBN                                                                                                                       |        |
|    | R-Area Unknown Pit #3 (Runk-3), NBN                                                                                                                       |        |
| 48 | R-Area Burning/Rubble Pit, 131-1R                                                                                                                         | 43     |
|    | R-Area Burning/Rubble Pit, 131-R                                                                                                                          |        |
|    | R-Area Rubble Pit, 631-25G                                                                                                                                |        |
| 49 | Area on the North Side of Building 105-R                                                                                                                  | 95     |
|    | Laydown Area North of 105-R                                                                                                                               |        |
|    | R-Area Cooling Water Effluent Sump, 107-R                                                                                                                 |        |
|    | Potential Release of NaOH/H <sub>2</sub> SO <sub>4</sub> from 183-2R, NBN                                                                                 |        |
|    | R-Area Ash Basin, 188-R                                                                                                                                   |        |
|    | Potential Release from R-Area Disassembly Basin, NBN                                                                                                      |        |
|    | R-Area Reactor Area Cask Car Railroad Tracks as Abandoned, NBN                                                                                            |        |
|    | Release from the Decontamination of R-Reactor Disassembly Basin, NBN                                                                                      |        |
|    | Combined Spills North of Building 105-R, NBN                                                                                                              |        |
|    | R-Area Process Sewer Lines as Abandoned, NBN                                                                                                              |        |
|    | R-Area Reactor Building, 105-R                                                                                                                            |        |
|    | R-Area Groundwater Operable Unit, NBN                                                                                                                     |        |

**Table A-7. List of OU Subunits with Remedial Actions (*continued/end*)**

| #  | OU Subunits <sup>a,b</sup>                                                              | SEMS # |
|----|-----------------------------------------------------------------------------------------|--------|
| 50 | R-Area Reactor Seepage Basin, 904-103G                                                  | 25     |
|    | R-Area Reactor Seepage Basin, 904-104G                                                  |        |
|    | R-Area Reactor Seepage Basin, 904-57G                                                   |        |
|    | R-Area Reactor Seepage Basin, 904-58G                                                   |        |
|    | R-Area Reactor Seepage Basin, 904-59G                                                   |        |
|    | R-Area Reactor Seepage Basin, 904-60G                                                   |        |
| 51 | Silverton Road Waste Unit, 731-3A                                                       | 13     |
| 52 | SRL Seepage Basin, 904-53G1                                                             | 47     |
|    | SRL Seepage Basin, 904-53G2                                                             |        |
|    | SRL Seepage Basin, 904-54G                                                              |        |
|    | SRL Seepage Basin, 904-55G                                                              |        |
| 53 | Neutralization Sump, 678-T                                                              | 96     |
|    | X-001 Outfall Drainage Ditch, NBN                                                       |        |
|    | TNX Outfall Delta, Lower Discharge Gully and Swamp, NBN                                 |        |
|    | TNX-Area Process Sewer Lines and Tile Fields as Abandoned, NBN                          |        |
| 54 | TNX Groundwater, 082G                                                                   | 21     |
|    | New TNX Seepage Basin, 901-102G                                                         | 29     |
|    | Old TNX Seepage Basin, 904-76G                                                          |        |
|    | TNX Burying Ground, 643-5G (Including Spill on 1/12/53 of ½ Ton of Uranyl Nitrate, NBN) |        |
| 55 | Wetland Area at Dunbarton Bay <sup>c</sup>                                              | 71     |

a OU subunits include RCRA/CERCLA units and RCRA regulated units. Deactivation & Decommissioning facilities are not represented.

b Shaded text identifies the SRS OUs evaluated in this report for the second phase of the sixth five-year remedy review (i.e., groundwater).

c Wetland Area at Dunbarton Bay (WADB) is included in the native soil covers and/or LUCs phase. However, since the sixth five-year remedy review document development will occur before completion of the remedy implementation, WADB will not be included in this review cycle.

## **EVALUATION OF CHANGES IN STANDARDS AND TOXICITY**

This appendix provides an evaluation of changes in standards and toxicity for chemical and radiological constituents since the last five-year remedy review was initiated in 2015 for the Savannah River Site (SRS) operable units (OUs) evaluated in this report. The purpose of the evaluation is to determine if there are any changes in standards or toxicity values that would call into question the protectiveness of the remedy. No protectiveness issues with respect to changes in standards and toxicity were identified in the previous five-year remedy review report (SRNS 2016).

An evaluation was performed for analytes that were identified as constituents of concern (COCs) for the OUs evaluated. As discussed in Appendix A, the OUs evaluated in this report were grouped in the Groundwater category because they have monitoring activities associated with Monitored Natural Attenuation or a Mixing Zone permit. However, these OUs may also have subunits with COCs in soil or building material (concrete and metal) media in addition to groundwater as documented in the respective remedy selection documents. For this reason, an evaluation of changes in standards and toxicity values for chemical and radiological COCs identified in soil, concrete, and groundwater media is shown in Tables B-1 through B-6.

The United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSLs) for Nonradiological Constituents (May 2019), USEPA Preliminary Remediation Goals (PRGs) for Radionuclides (January 2019), USEPA Surface Preliminary Remediation Goals (SPRGs) for Radionuclides (May 2018), and USEPA Maximum Contaminant Levels (MCLs) for radiological and chemical constituents were evaluated in this review. These values are identified as 2019 RSLs, 2019 PRGs, 2019 SPRGs, or MCLs in Tables B-1 through B-6 and were compared to the values available in 2015 when the last five-year remedy review for OUs in the Groundwater category was initiated. Standards and toxicity values for both the industrial worker and hypothetical residential receptor are provided for comparative purposes for most media.

The comparison tables do not make any distinction between COCs that were the primary drivers for the selected remedial action and other analytes that were simply addressed through the same remedy. Most importantly, the values presented in Tables B-1 through B-6 are not cleanup levels

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and should not be considered remedial goals unless otherwise noted in the OU-specific remedy reviews. For these reasons, the information in Appendix B is not stand-alone, but must be considered in context with the information and selected remedy presented in the OU-specific reviews located in Appendix C through Appendix H.

Changes to a standard or toxicity factor are unique to each analyte and is often related to revisions in exposure assumptions, reference doses, cancer potency factors, and exposure pathways used to calculate the value. For the reasons explained in the previous paragraph, the impact that more stringent RSLs or PRGs have on protectiveness must be considered with respect to the OU-specific remedy. In most cases, a change in a standard or toxicity value is irrelevant because the analyte(s) may no longer be present or is (are) significantly reduced if the selected remedy also included excavation and offsite disposal. In addition, exposure to contaminants may be controlled by a cover system.

In 2016, a major revision to the approach for calculating PRGs was announced by USEPA. The primary change was that the plus daughters (+D) isotopes designation was removed and the secular equilibrium PRG calculation was identified as the preferred (i.e., default) value. The PRGs for each daughter are combined with the parent on a fractional basis to produce a single PRG for the parent, and the resulting PRG is based on secular equilibrium of the full chain regardless of half-life. By comparison, the PRG (+D) values available in 2015 only included daughter products with a half-life of six months or less. For this reason, the difference in the criteria for inclusion of the daughter products must be considered when comparing the 2015 and 2019 PRG values.

There are two entries for the 2019 PRGs in Tables B-2, B-3, and B-6. For each constituent, the top entry is the PRG for the individual radionuclide (i.e., no daughter products). The bottom entry (in parentheses) is the default secular equilibrium PRG that includes the subsequent daughter products from the entire decay chain.

The evaluation for each remedy to determine if exposure assumptions, toxicity data, cleanup levels, and remedial action objectives are still valid is discussed in each OU-specific review located in Appendix C through Appendix H. The evaluations shown in Tables B-1 through B-6 confirm that there have been no significant changes in standards or toxicity factors that would affect the protectiveness of the remedies evaluated in this report.

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**DOCUMENTS REVIEWED**

SRNS, 2016. *Fifth Five-Year Remedy Review Report for the Savannah River Site Operable Units with Groundwater Remedies (U)* Aiken, South Carolina, SRNS-RP-2015-00419, Revision 1, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

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**Table B-1. Comparison of Nonradiological Standards in Soil Media**

| Analyte <sup>a</sup>                          | 2015 RSLs <sup>b</sup>   |                                | 2019 RSLs <sup>c</sup>   |                                | SEMS Number(s) <sup>d</sup> |
|-----------------------------------------------|--------------------------|--------------------------------|--------------------------|--------------------------------|-----------------------------|
|                                               | Residential Soil (mg/kg) | Industrial Worker Soil (mg/kg) | Residential Soil (mg/kg) | Industrial Worker Soil (mg/kg) |                             |
| Arsenic                                       | 6.8E-01                  | 3.0E+00                        | 6.8E-01                  | 3.0E+00                        | 95                          |
| p,p'-dichlorodiphenyl dichloroethane (DDD)    | 2.3E+00                  | 9.6E+00                        | 1.9E+00                  | 9.6E+00                        | 24                          |
| p,p'-dichlorodiphenyl dichloroethylene (DDE)  | 2.0E+00                  | 9.3E+00                        | 2.0E+00                  | 9.3E+00                        | 24                          |
| p,p'-dichlorodiphenyl trichloroethylene (DDT) | 1.9E+00                  | 8.5E+00                        | 1.9E+00                  | 8.5E+00                        | 24                          |
| Dieldrin                                      | 3.4E-02                  | 1.4E-01                        | 3.4E-02                  | 1.4E-01                        | 24                          |
| Endrin                                        | 1.9E+01                  | 2.5E+02                        | 1.9E+01                  | 2.5E+02                        | 24                          |
| Heptachlor epoxide                            | 7.0E-02                  | 3.3E-01                        | 7.0E-02                  | 3.3E-01                        | 24                          |
| PCBs (Aroclor 1254)                           | 2.4E-01                  | 9.7-01                         | 2.4E-01                  | 9.7-01                         | 24                          |

a Analytes listed were identified as COCs for the OUs discussed in Appendix C through Appendix H.

b USEPA Nonradiological RSLs for soil, June 2015.

c USEPA Nonradiological RSLs for soil, May 2019.

d OUs and corresponding SEMS number(s) are identified in Appendix A, Table A-7.

mg/kg = milligrams per kilogram

PCBs = polychlorinated biphenyls

SEMS = Superfund Enterprise Management System

**Table B-2. Comparison of Radiological Standards in Soil Media**

| Analyte <sup>a</sup> | 2015 PRGs <sup>b</sup>   |                                | 2019 PRGs <sup>c</sup>   |                                | SEMS Number(s) <sup>d</sup> |
|----------------------|--------------------------|--------------------------------|--------------------------|--------------------------------|-----------------------------|
|                      | Residential Soil (pCi/g) | Industrial Worker Soil (pCi/g) | Residential Soil (pCi/g) | Industrial Worker Soil (pCi/g) |                             |
| Americium-241        | 2.3E+00                  | 4.7E+00                        | 2.3E+00<br>(5.2E-02)     | 4.7E+00<br>(8.4E-02)           | 25                          |
| Cesium-137(+D)       | 6.1E-02                  | 9.1E-02                        | 2.5E+01<br>(4.6E-02)     | 5.7E+01<br>(6.9E-02)           | 25, 95                      |
| Cobalt-60            | 3.3E-02                  | 4.8E-02                        | 3.3E-02<br>(9.4E-03)     | 4.8E-02<br>(1.4E-02)           | 25, 95                      |
| Europium-154         | 4.7E-02                  | 7.0E-02                        | 4.7E-02<br>(2.0E-02)     | 7.0E-02<br>(3.0E-02)           | 95                          |
| Plutonium-238        | 4.3E+00                  | 1.4E+01                        | 4.3E+00<br>(1.3E-02)     | 1.4E+01<br>(2.0E-02)           | 25                          |
| Plutonium-239        | 3.8E+00                  | 1.2E+01                        | 3.8E+00<br>(4.5E-02)     | 1.2E+01<br>(7.3E-02)           | 25                          |
| Plutonium-240        | 3.8E+00                  | 1.2E+01                        | 3.8E+00<br>(9.8E-03)     | 1.2E+01<br>(1.5E-02)           | 25                          |
| Potassium-40         | 1.4E-01                  | 2.2E-01                        | 1.4E-01<br>(1.4E-01)     | 2.2E-01<br>(2.2E-01)           | 95                          |
| Radium-226(+D)       | 1.4E-02                  | 2.1E-02                        | 1.0E+00<br>(1.3E-02)     | 3.1E+00<br>(2.0E-02)           | 95                          |
| Strontium-90(+D)     | 4.2E+00                  | 9.0E+00                        | 1.3E+01<br>(3.1E+00)     | 3.8E+01<br>(6.8E+00)           | 25, 95                      |
| Tritium              | 2.4E-01                  | 3.0E-01                        | 2.4E-01<br>(1.3E-01)     | 3.0E-01<br>(1.6E-01)           | 95                          |
| Uranium-235(+D)      | 1.9E-01                  | 3.0E-01                        | 2.0E-01<br>(4.6E-02)     | 3.2E-01<br>(7.3E-02)           | 95                          |
| Uranium-238(+D)      | 8.0E-01                  | 1.4E+00                        | 6.5E+00<br>(1.2E-02)     | 3.1E+01<br>(2.0E-02)           | 95                          |

a Analytes listed were identified as COCs for the OUs discussed in Appendix C through Appendix H.

b USEPA Radiological PRGs for soil, November 2014.

c USEPA Radiological PRGs for soil, January 2019. Top entry for each constituent is the PRG for the individual radionuclide (no progeny included, with decay). Bottom entry (in parenthesis) is the default secular equilibrium PRG that includes daughter products from the entire decay chain.

d OUs and corresponding SEMS number(s) are identified in Appendix A, Table A-7.

mg/kg = milligrams per kilogram

pCi/g = picoCuries per gram

SEMS = Superfund Enterprise Management System

**Table B-3. Comparison of Radiological Standards in Concrete Media**

| Analyte <sup>a</sup> | 2015 SPRGs <sup>b</sup>            | 2019 SPRGs <sup>c</sup>            | SEMS Number(s) <sup>d</sup> |
|----------------------|------------------------------------|------------------------------------|-----------------------------|
|                      | Industrial Worker Concrete (pCi/g) | Industrial Worker Concrete (pCi/g) |                             |
| Americium-241(+D)    | 6.0E+00                            | 6.5E+00<br>(8.7E-02)               | 95                          |
| Americium-243(+D)    | 2.7E-01                            | 1.8E+00<br>(5.8E-02)               | 95                          |
| Barium-133           | 3.0E-01                            | 2.5E-01<br>(1.2E-01)               | 95                          |
| Cesium-137(+D)       | 1.2E-01                            | 4.2E+02<br>(6.9E-02)               | 95                          |
| Cobalt-60            | 7.0E-02                            | 4.8E-02<br>(1.4E-02)               | 95                          |
| Europium-152         | 7.0E-02                            | 5.8E-02<br>(3.2E-02)               | 95                          |
| Nickel-63            | -- <sup>e</sup>                    | -- <sup>e</sup>                    | 95                          |
| Silver-108m          | 3.2E-02                            | 2.5E-02<br>(2.5E-02)               | 95                          |
| Strontium-90(+D)     | 7.3E+00                            | 5.4E+02<br>(9.0E+00)               | 95                          |

a Analytes listed were identified as COCs for the OUs discussed in Appendix C through Appendix H.

b USEPA Radiological SPRGs for concrete, September 2014.

c USEPA Radiological SPRGs for concrete, May 2018. Top entry for each constituent is the PRG for the individual radionuclide (no progeny included, with decay). Bottom entry (in parenthesis) is the default secular equilibrium PRG that includes daughter products from the entire decay chain.

d OUs and corresponding SEMS number(s) are identified in Appendix A, Table A-7.

e PRG for nickel-63 was not published in the September 2014 or May 2018 update.

pCi/g = picoCuries per gram

SEMS = Superfund Enterprise Management System

**Table B-4. Comparison of Nonradiological Standards in Groundwater Media (RSLs)**

| Analyte <sup>a</sup>               | 2015 RSL <sup>b</sup><br>(µg/L) | 2019 RSL <sup>c</sup><br>(µg/L) | SEMS Number(s) <sup>d</sup> |
|------------------------------------|---------------------------------|---------------------------------|-----------------------------|
| alpha-Benzene hexachloride (α-BHC) | 7.1E-03                         | 7.2E-03                         | 24                          |
| beta-Benzene hexachloride (β-BHC)  | 2.5E-02                         | 2.5E-02                         | 24                          |
| delta-Benzene hexachloride (δ-BHC) | 2.5E-02                         | 2.5E-02                         | 24                          |
| Dieldrin                           | 1.7E-03                         | 1.8E-03                         | 24                          |

a Analytes listed were identified as COCs for the OUs discussed in Appendix C through Appendix H.

b USEPA Nonradiological RSLs for tapwater, June 2015.

c USEPA Nonradiological RSLs for tapwater, May 2019.

d OUs and corresponding SEMS number(s) are identified in Appendix A, Table A-7.

µg/L = micrograms per liter

SEMS = Superfund Enterprise Management System

**Table B-5. Nonradiological Standards in Groundwater Media (MCLs)**

| Analyte <sup>a</sup>                 | MCL (µg/L) <sup>b</sup> | SEMS Number(s) <sup>c</sup> |
|--------------------------------------|-------------------------|-----------------------------|
| PCBs (Aroclor-1254)                  | 5.0E-01 <sup>c</sup>    | 95                          |
| Benzene                              | 5.0E00                  | 27                          |
| Bis(2-ethylhexyl) phthalate (BEHP)   | 6.0E00                  | 24                          |
| Carbon tetrachloride                 | 5.0E00                  | 24, 95                      |
| 1,1-Dichloroethene (1,1-DCE)         | 7.0E00                  | 27                          |
| Chloroform                           | 8.0E+01                 | 95                          |
| cis-1,2-Dichloroethene (cis-1,2-DCE) | 7.0E+01                 | 27, 95                      |
| Dichloromethane (Methylene chloride) | 5.0E00                  | 24, 27                      |
| Lead                                 | 1.5E+01 <sup>d</sup>    | 95                          |
| Lindane                              | 2.0E-01                 | 24                          |
| Tetrachloroethylene (PCE)            | 5.0E00                  | 24, 27, 77                  |
| Trichloroethylene (TCE)              | 5.0E00                  | 24, 27, 77, 82, 95          |
| Trihalomethanes (Total)              | 8.0E+01                 | 24                          |
| Vinyl chloride (VC)                  | 2.0E00                  | 27, 95                      |

a Analytes listed were identified as COCs for the OUs discussed in Appendix C through Appendix H.

b Current MCL table is provided for reference only. Comparative analysis is not shown because MCLs have not changed since the previous five-year remedy review.

c OUs and corresponding SEMS number(s) are identified in Appendix A, Table A-7.

d MCL used for contaminant migration analysis. Constituent is not a groundwater COC.

µg/L = micrograms per liter

PCBs = polychlorinated biphenyls

SEMS = Superfund Enterprise Management System

**Table B-6. Radiological Standards in Groundwater Media (PRGs/MCLs)**

| Analyte <sup>a</sup> | 2015 PRG<br>(pCi/L) <sup>b</sup> | 2019 PRG<br>(pCi/L) <sup>c</sup>  | MCL (pCi/L) <sup>d</sup> | SEMS<br>Number(s) <sup>e</sup> |
|----------------------|----------------------------------|-----------------------------------|--------------------------|--------------------------------|
| Americium-241        | --                               | --                                | 1.5E+01 <sup>f</sup>     | 25                             |
| Carbon-14            | --                               | --                                | 2.0E+03 <sup>g,h</sup>   | 25, 95                         |
| Chlorine-36          | --                               | --                                | 7.0E+02 <sup>g,h</sup>   | 95                             |
| Iodine-129           | --                               | --                                | 1.0E00 <sup>g,h</sup>    | 95                             |
| Molybdenum-93        | 6.8E00 <sup>g</sup>              | 1.7E+01 <sup>g</sup><br>(1.4E+01) | --                       | 95                             |
| Nickel-59            | --                               | --                                | 3.0E+02 <sup>g,h</sup>   | 95                             |
| Niobium-94           | 4.2E00 <sup>g</sup>              | 6.7E+00 <sup>g</sup><br>(6.7E+00) | --                       | 95                             |
| Plutonium-239/240    | --                               | --                                | 1.5E+01 <sup>f,g</sup>   | 25                             |
| Potassium-40         | 80E-01 <sup>g</sup>              | 2.1E+00 <sup>g</sup><br>(2.1E+00) | --                       | 95                             |
| Silver-108m          | 4.2E00 <sup>g</sup>              | 6.5E+00 <sup>g</sup><br>(6.5E+00) | --                       | 95                             |
| Strontium-90         | --                               | --                                | 8.0E00 <sup>h</sup>      | 25                             |
| Tritium              | --                               | --                                | 2.0E+04 <sup>h</sup>     | 77, 95                         |

a Analytes listed were identified as COCs for the OUs discussed in Appendix C through Appendix H.

b USEPA Radiological PRGs for tapwater, June 2015.

c USEPA Radiological PRGs for tapwater, January 2019. Top entry for each constituent is the PRG for the individual radionuclide (no progeny included, with decay). Bottom entry (in parenthesis) is the default secular equilibrium PRG that includes daughter products from the entire decay chain.

d USEPA Radioactivity in Drinking Water, Appendix III (January 1981). Comparative analysis is not shown for MCLs because standards have not changed since the previous five-year remedy review.

e OUs and corresponding SEMS number(s) are identified in Appendix A, Table A-7.

f Gross alpha particle activity = 15 pCi/L

g PRG/MCL used for contaminant migration analysis. Constituent is not a groundwater COC.

h Man-made beta/gamma emitters = 4 mrem/year dose

mrem = millirem

pCi/L = picoCuries per liter

SEMS = Superfund Enterprise Management System

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## **C-AREA GROUNDWATER OPERABLE UNIT**

### **I. Introduction**

This is the fourth five-year remedy review for the C-Area Groundwater (CAGW) Operable Unit (OU). The review was conducted from August 2019 through November 2019. Contaminants have been left in place at the CAGW OU at levels that do not allow for unlimited use and unrestricted exposure. The purpose of this review is to determine whether the interim action remedy in place at the CAGW OU is protective of human health and the environment. This report documents the results of the review.

### **II. OU Chronology**

Table C-1 lists the chronology of site events for the CAGW OU.

### **III. Background**

The CAGW OU is listed as a Resource Conservation and Recovery Act (RCRA)/Comprehensive Environmental Response, Compensation, and Liability Act unit in Appendix C of the Federal Facility Agreement (FFA) for the Savannah River Site (SRS) (FFA 1993). The media associated with the CAGW OU are the vadose zone soil (source area), surface water, and groundwater.

#### **Physical Characteristics**

CAGW OU is located in the west-central portion of the SRS, entirely within the Fourmile Branch watershed (Figure C-1). CAGW OU encompasses groundwater below C Area, north to unnamed tributaries of Fourmile Branch, west to Fourmile Branch, and south to Castor Creek (Figure C-2), which comprises approximately 3.29 km<sup>2</sup> (1.27 mi<sup>2</sup>).

The hydrogeologic conceptual site model for the interim action for the CAGW OU depicts contamination from volatile organic compounds (VOCs), primarily trichloroethylene (TCE), and tritium above their respective maximum contaminant levels (MCLs). The contamination originated in C Area from reactor operations and migrated through the

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vadose zone to the Transmissive Zone (TZ) of the Upper Three Runs Aquifer (UTRA). Contaminants in the TZ are readily transported west toward Fourmile Branch and to the south towards Castor Creek. Below the TZ is the Tan Clay Confining Zone (TCCZ), which is composed of the Upper Tan Clay Layer, the Middle Aquifer Zone (MAZ), and a Lower Tan Clay Layer. The TCCZ inhibits downward migration of contaminants into the Lower Aquifer Zone (LAZ) of the UTRA. However, the Upper Tan Clay Layer is discontinuous in places and downward contaminant migration does occur, primarily contaminating the MAZ and to a lesser extent the LAZ. The contaminated groundwater in the MAZ and LAZ discharges into Fourmile Branch or Castor Creek (SRNS 2014a).

CAGW OU is currently monitored by the following:

- Fifty-six groundwater monitoring wells;
- Eight seepage monitoring stations; and
- Sixteen surface water sampling stations.

Periodic groundwater monitoring in CAGW OU began in 1983 and continues to the present. The VOC contamination in C-Area groundwater that originated from the C-Area Burning/Rubble Pit (131-C) (CBRP) OU, mainly TCE and tetrachloroethylene (PCE), is being addressed by the CBRP OU.

### **Land and Resource Use**

The CAGW OU sources are located within an industrial use area, but the distal portion of the groundwater plume extends beyond the industrial use boundary. However, shallow groundwater and surface water at SRS are not used for drinking water, hygiene, recreation, or process water. According to the *Savannah River Site Future Use Project Report* (USDOE 1996), residential uses of the SRS land should be prohibited. The future land use for the CAGW OU is reasonably anticipated to remain industrial with the U.S. Department of Energy (USDOE) maintaining control of the land.

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### History of Contamination

In 1955, C-Reactor began operations with a mission of producing nuclear materials for the defense program. C-Reactor was placed in cold standby in 1987, followed by shutdown due to reduced requirements for the defense-related products. Known sources associated with reactor operations resulted in tritium and VOC contamination in groundwater.

During reactor operations, TCE was released to the soil at a manhole along a storm sewer line south of the C-Reactor Building (105-C). A TCE groundwater plume extending from the C-Reactor Building (105-C) to Castor Creek, where the TCE plume discharges south of C Area. Figure C-3 shows the location of the TCE vadose zone (the unsaturated zone above the water table) source relative to the reactor building, the location of soil borings, and monitoring well data in 2002. An Interim Record of Decision (IROD) for the TCE vadose zone source area was issued on October 15, 2004 (WSRC 2004a). The interim remedial action selected in the IROD was Electrical Resistance Heating (ERH) with Soil Vapor Extraction (SVE). The purpose of the interim remedial action was to reduce vadose zone TCE concentrations to levels that would not exceed the MCL (5 µg/L), if the contaminant leached into the groundwater. Groundwater monitoring during 2012 to 2019 found that TCE concentrations are still above its MCL (5 µg/L) but declining (Figure C-4). PCE has been below its MCL (5 µg/L) since 2006.

Tritium was produced during the operation of the reactor and was released from numerous sources. No tritium has been produced since C-Reactor was shut down in June 1985. Other than atmospheric releases, the two primary discharge areas for tritium were the C-Area Discharge Canal and the C-Area Reactor Seepage Basins (CRSBs). Characterization data indicated contaminants released to the C-Area Discharge Canal from C-Reactor operations were carried by high discharge flows to Fourmile Branch. The CRSBs, a known historical source of tritium and other radionuclides, were remediated using low-permeability grout stabilization of basin soils as documented in the *Post-Construction Report/Final Remediation Report for the C-Area Reactor Seepage Basins (904-66G, -67G, and -68G) Operable Unit* (WSRC 2003). Although tritium concentrations are still above the MCL (20 pCi/mL), groundwater and surface water data collected from 2014 through 2019

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indicate the size and concentration of the CAGW OU tritium plume has significantly decreased relative to the original 1998 to 2002 characterization (Figure C-5) (SRNS 2014a). The IROD did not address tritium in the groundwater; therefore, tritium is not part of this remedy review. However, tritium will continue to be monitored to document the decreasing trend and will be addressed in the final CAGW OU ROD that is proposed to be issued in April 2027.

### **Initial Response**

The nature and extent of groundwater contamination within the CAGW OU was comprehensively investigated between 1998 and 2002. The results were presented in the RCRA Facility Investigation (RFI) / Remedial Investigation (RI) Report (WSRC 2004b).

### **Basis for Taking Action**

The RFI/RI characterization data indicated that groundwater concentrations of TCE in the vicinity of the manhole along a storm sewer line south of the C-Reactor Building (105-C) exceeded its MCL (5 µg/L) by 2,600 times, at 13,000 µg/L. The 2019 TCE plume (Figure C-4) extends from south of the C-Reactor Building to over 1.6 km (1 mi) downgradient to Castor Creek. In 2002, residual TCE (maximum = 51.846 mg/kg) in the vadose zone soil was present at levels that were still impacting groundwater. Although shallow groundwater aquifers at SRS are not used as drinking water sources, the potential for unacceptable human exposure to contaminated groundwater exists as long as TCE remains above its MCL. Thus, control of the migration of TCE was necessary through a source control action. The geometry of the TCE vadose zone source is a vertical cylinder approximately 18 m (60 ft) in diameter extending 21 m (70 ft) below ground surface.

## **IV. Remedial Actions**

### **Remedy Selection**

As stated in the IROD for CAGW OU (WSRC 2004a), the interim remedial action objective (RAO) is to reduce TCE concentrations in the vadose zone so that any leaching

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of the contaminant will not cause groundwater to exceed the MCL (5µg/L). The selected interim action remedy was ERH with SVE. The constituents of concern and remedial goals selected for the interim action are provided in Table C-2.

Tritium contamination in groundwater and surface water was not addressed in the IROD (WSRC 2004a). The final remedial action for the tritium and VOC contamination at the CAGW OU will be documented in the final CAGW OU ROD that is proposed to be issued in April 2027.

## **Remedy Implementation**

### ***Interim Remedial Action – Electrical Resistance Heating***

Implementation of the interim remedial action for CAGW OU consisted of the following activities:

- Installed ERH system with a single six-phase heating array consisting of six input electrode/SVE wells equally spaced around the circumference of a 9-m (30-ft) diameter circle. A central neutral electrode/SVE well was centered on the highest contaminant levels in the TCE source. Two SVE wells and two electrodes were installed in a single large well boring at each of the seven locations. An electrolyte addition system was installed.
- Installed an active SVE unit skid consisting of a 300 ft<sup>3</sup>/min blower, condensate tank, knockout pot, water/vapor separator, heat exchanger and cooling tower.

ERH used the electrical resistance of soil to heat the soil in-situ using an electrical current. The electrolyte drip tube was used to provide the means to inject an electrolyte solution into the electrode to increase conductivity between the electrode and the soil interface. The heat vaporized VOCs in the soil. These vapors were withdrawn by the SVE system, via a manifold to a vacuum pumping system, treated and discharged per an air quality control permit. Figure C-6 is a generalized graphic of an ERH with SVE system.

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### **Systems Operations/Operation and Maintenance**

Currently, there are no remedial systems operating. ERH with SVE operated from June 15, 2006 until the IROD shutdown criterion was met on September 7, 2006. The SVE system continued to operate until September 28, 2006 with 730 lbs of TCE removed during operations (WSRC 2007). The shutdown criterion was met when the temperature in the treatment zone exceeded 189°F (boiling point of TCE) for at least 30 days cumulatively.

The following actions will be conducted at the CAGW OU until the scheduled FFA final remedial action start date of July 2028:

- Groundwater monitoring as required by the Interim Remedial Action Implementation Plan Effectiveness Monitoring Plan (WSRC 2005). The groundwater wells CRW020D, CRW021DR, and CRW-1D (background) monitor groundwater TCE and tritium concentrations, which are performance measures of the completed ERH system operations.

Costs associated with the selected interim action remedy for the CAGW OU include operation and maintenance (O&M) costs as reported in the IROD (WSRC 2004a). ERH with SVE activity was completed in 2006 and the remaining O&M cost is associated with groundwater monitoring. The estimated O&M cost since the last remedy review is \$0 for Fiscal Year (FY) 2015 through FY2019 because costs beyond FY2013 were not included in the original estimate. The actual O&M cost for the same time period is for groundwater monitoring \$62,652. The actual O&M costs (Table C-3) for performance/groundwater monitoring was more than expected because on-going groundwater monitoring and five-year remedy review costs beyond FY2013 were not included in the original IROD cost estimate.

## **V. Progress Since Last Review**

This is the fourth five-year remedy review for the CAGW OU. The previous protectiveness statement concluded that because the interim remedial actions are protective, the CAGW OU is protective of human health and the environment.

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Soil data collected in 2011 determined that the interim remedial action of ERH with SVE at CAGW OU continues to be protective of the groundwater. In 2011, residual TCE (maximum = 1.064 mg/kg) in the vadose zone soil was below levels that would impact groundwater. In 2012, the maximum groundwater TCE concentration downgradient of the former ERH/SVE interim remedial action was 1,770 µg/L; it decreased to 260 µg/L in 2015 and to 203 µg/L in 2019 (Figure C-7). The groundwater monitoring network is functioning properly.

There were no recommendations or follow-up actions from the last five-year review.

Subsequent to the interim action and based on TCE discharge to a tributary of Castor Creek, removal action alternatives were evaluated to address this problem. Per the *Action Memorandum and Responsiveness Summary for the Non-Time Critical Removal Action for the C-Area Groundwater Operable Unit* (USDOE 2018), the removal action objective is to protect human health and the environment by reducing the mass of TCE present in the groundwater. The selected non-time critical removal (NTCR) action remedy is treatment barrier using emulsified edible oil for the distal portion of the CAGW OU TCE groundwater plume. The implementation of the NTCR action for CAGW OU consisted of installing 15 direct push technology injection points to create the treatment barriers.

The groundwater was augmented with the emulsified oil substrate BAC-9, which is an enriched bioaugmentation culture of *Dehalococcoides mccartyi* and enzymes in a water-based medium (SRNS 2019). The emulsified oil mixture (EOS<sub>100</sub><sup>TM</sup> emulsified oil, vitamin B12, dechlorinated dilution water, and CoBupH<sub>Mg</sub><sup>TM</sup> buffer) and BAC-9 culture were injected to act as a treatment barrier both by sequestering TCE at the injection points and enhancing the natural ability of the formation to biodegrade TCE between the point of injection and discharge to the unnamed tributary. In addition, TCE preferentially partitions from the groundwater phase into the oil phase, which should lower the groundwater concentration.

Effectiveness monitoring of the CAGW OU NTCR action began in November 2019 and will continue for five years per the *Removal Action Design Plan with Effectiveness Monitoring Plan for C-Area Groundwater Operable Unit* (SRNS 2018).

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## **VI. Five-Year Review Process**

The following tasks were performed as part of the five-year remedy review:

- Reviewed the documents listed in Section XII, Documents Reviewed;
- Confirmed implementation and completion of the interim remedial action;
- Reviewed all process and performance monitoring data provided by the groundwater data reports and provided a technical assessment of whether the ERH with SVE functioned as intended by the IROD and whether the shutdown criteria have been achieved;
- Inspected the OU, interviewed maintenance personnel and documented the results on the Inspection Checklist, provided in Attachment C-1, with the purpose of assessing the protectiveness of the remedy and the functionality of the access controls; and
- Reviewed changes in standards and to-be-considered guidance.

### ***Data Review***

Groundwater and surface water data collected from 2015 to 2019 indicate the concentration of the CAGW OU TCE plume has significantly decreased relative to the original 1998 to 2002 characterization. In 2019, the TCE plume has also decreased in extent relative to the original 1998 to 2002 characterization. Groundwater monitoring wells (CRW 20D and CRW021DR) near the TCE vadose zone source area indicate rapidly decreasing TCE concentrations since the completion of the ERH with SVE interim action remedy from 2006 to 2014, but slowly decreasing TCE concentrations since 2014 (Figure C-7).

### ***Summary of Inspections and Interviews***

Interviews were conducted with Phil Carter, O&M staff member, and with Brian Hanshaw, O&M Site Manager, on November 5, 2019 at the O&M organization offices. No issues were identified for the CAGW OU during these interviews. The CAGW OU was inspected by Savannah River Nuclear Solutions, LLC (SRNS) Environmental Compliance and Area

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Completion Projects (EC&ACP) on October 22, 2019. No issues were identified during these inspections.

The CAGW OU was inspected by SRNS EC&ACP and USDOE personnel on December 17, 2019. No issues were identified for the CAGW OU during this inspection.

A site inspection was conducted by U.S. Environmental Protection Agency (USEPA) and South Carolina Department of Health and Environmental Control personnel, accompanied by USDOE and SRNS personnel on February 27, 2020. No significant problems regarding this OU were identified during the inspection.

## **VII. Technical Assessment**

### **Is the Remedy Functioning as Intended by the Decision Document?**

The interim action remedy is functioning as intended as demonstrated below:

- The ERH with SVE system was effective at reducing TCE concentrations in the vadose zone to a level that prevents TCE leaching from its MCL in the groundwater. The ERH with SVE system exceeded its shutdown criteria by operating longer (56 days) than the required minimum 30 days with soil temperatures above 189°F. After ERH was shut down, SVE continued operating for an additional 21 days, to further decrease TCE levels. ERH with SVE removed a total of 730 lbs of TCE. Follow up soil sampling indicated that TCE removal efficiency from the vadose zone source was better than 99.2% after 85 days of ERH operation and 106 days of SVE operation (WSRC 2007). Average concentrations were reduced from 6.31 mg/kg to 0.039 mg/kg. Soil data collected in 2011 from both inside and outside the ERH target zone indicated that residual TCE in vadose zone soil does not present a contaminant migration threat to groundwater.
  - Semiannual groundwater monitoring data indicate the TCE plume in the source area is slowly decreasing in concentration since the last five-year remedy review (Figure C-7), and TCE concentrations have significantly decreased relative to the RFI/RI characterization data (TCE maximum concentration = 13,100 µg/L) collected
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RFI/RI characterization data (TCE maximum concentration = 13,100 µg/L) collected from 1998 to 2002. In 2019, the maximum groundwater TCE concentration was 203 µg/L.

**Are the Exposure Assumptions, Toxicity Data, Cleanup Levels, and Remedial Action Objectives still Valid?**

There have been no changes in MCLs that would impact the interim action remedy. An evaluation of the changes in toxicity data and risk methods are not relevant at this time as the baseline risk assessment to support a final action has not been conducted.

**Has any Other Information Come to Light that Could Call into Question the Protectiveness of the Remedy?**

No other information has come to light that could call into question the protectiveness of the remedy.

**VIII. Issues**

There are no issues related to current site operations, conditions, or activities that currently prevent the interim action remedy for the CAGW OU from being protective.

**IX. Recommendations and Follow-up Actions**

There are no recommendations or follow-up actions for this OU.

**X. Protectiveness Statement(s)**

The interim action remedy at the CAGW OU is currently protective of human health and the environment because access is controlled by SRS facility security and administrative controls. However, in order for the remedy to be protective in the long-term, additional remedial actions, including LUCs (if needed), will need to be implemented. The final ROD for CAGW OU is scheduled for issuance in April 2027.

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The exposure pathways that could result in unacceptable risks are being restricted through SRS land use controls. All threats to the CAGW OU are being addressed through physical access controls to prevent unauthorized entry to SRS (fences, guards, security patrols, etc.), administrative controls that maintain the CAGW OU for industrial use only, use restrictions via the SRS Site Use/Site Clearance Program. Protectiveness of the interim remedial action will be verified by continued groundwater monitoring.

SRS facility security and administrative controls that restrict unauthorized access to the CAGW OU are not part of the interim remedy and therefore not recognized as long-term protective. SRS will include the CAGW OU in the FFA Annual Progress Report to demonstrate long-term protectiveness through the SRS facility security and administrative controls. The report is required by the FFA and includes an annual certification by the USDOE SRS Manager that the listed OUs are in compliance with land use requirements.

## **XI. Next Review**

As shown in Appendix A, Table A-1, the next five-year remedy review for SRS OUs with Groundwater is scheduled for January 2026.

## **XII. Documents Reviewed**

FFA, 1993. *Federal Facility Agreement for the Savannah River Site*, Administrative Docket No. 89-05-FF (Effective Date: August 16, 1993)

SRNS, 2014a. *Data Report for the C-Area Groundwater (CAGW) Operable Unit (OU) (U)*, SRNS-RP-2014-00835, Revision 0, Savannah River Nuclear Solutions, Savannah River Site, Aiken, SC

SRNS, 2014b. *Fourth Five-Year Remedy Review Report for the Savannah River Site (U) Aiken, South Carolina*, SRNS-RP-2012-00011, Revision 1.1, Savannah River Nuclear Solutions, Savannah River Site, Aiken, SC

SRNS, 2018. *Removal Action Design Plan with Effectiveness Monitoring Plan for the C-Area Groundwater Operable Unit (U)*, SRNS-RP-2018-00807, Revision 1, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

SRNS, 2019. *Underground Injection Control Permit Application for the Implementation of the Non-Time Critical Removal Action at the C-Area Groundwater Operable Unit (U)*, SRNS-RP-2019-00030, Revision 0, Savannah River Nuclear Solutions, Savannah River Site, Aiken, SC

USDOE, 1996. *Savannah River Site Future Use Project Report*, U.S. Department of Energy, Savannah River Operations Office, Savannah River Site, Aiken, SC

USDOE, 2018. *Action Memorandum and Responsiveness Summary for the Non-Time Critical Removal Action for the C-Area Groundwater Operable Unit (U)*, SEMS Number: 82, IACD-18-150, U.S. Department of Energy, Savannah River Operations Office, Savannah River Site, Aiken, SC

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WSRC, 2004b. *RCRA Facility Investigation/Remedial Investigation Report for the C-Area Reactor Groundwater (CRGW) Operable Unit*, WSRC-RP-2003-4073, Revision 1, Westinghouse Savannah River Company, Savannah River Site, Aiken, SC

WSRC, 2005. *Interim Remedial Action Implementation Plan (IRAIP) for the Trichloroethylene Vadose Zone Source Unit at the C-Reactor Groundwater Operable Unit (U)*, WSRC-RP-2004-4114, Revision 1, Westinghouse Savannah River Company, Savannah River Site, Aiken, SC

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WSRC, 2007. *Report on the Effectiveness of the TCE Vadose Source Unit at C Reactor Groundwater (VCRGW) OU Interim Remedial Action*, WSRC-RP-2007-4006, Revision 1, Washington Savannah River Company, Aiken, SC

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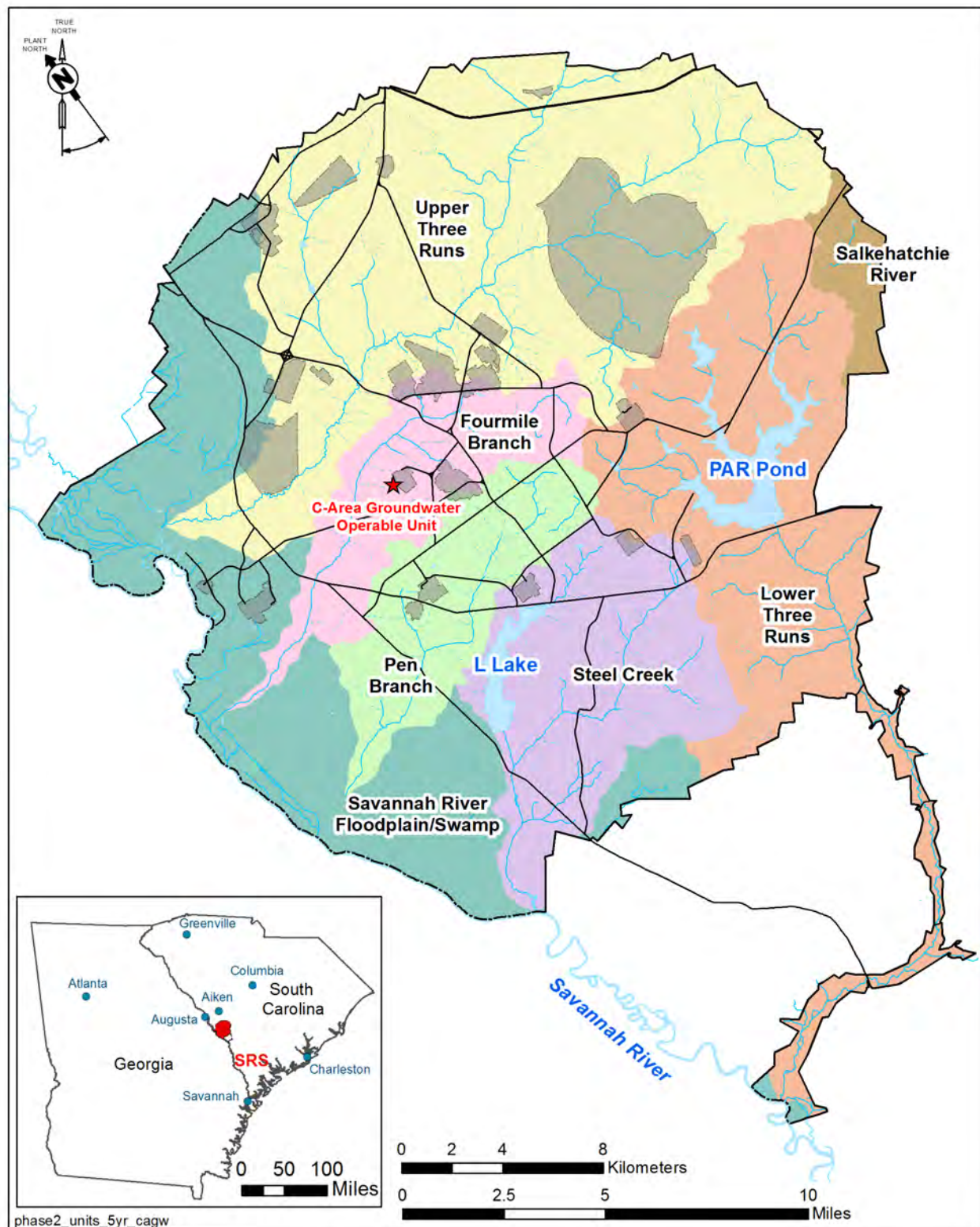


Figure C-1. Location of the CAGW OU within the Savannah River Site



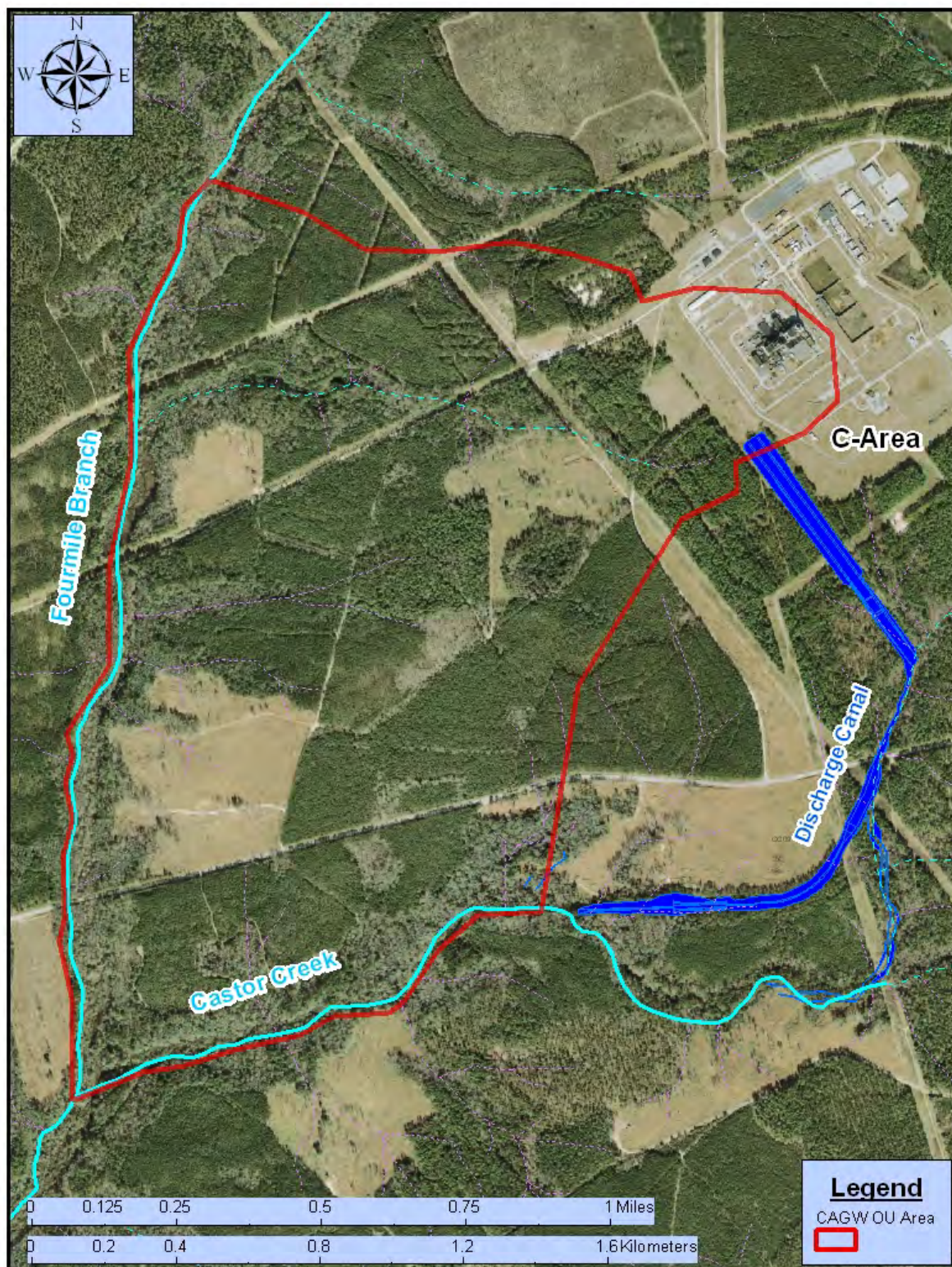


Figure C-2. CAGW OU Boundary Area



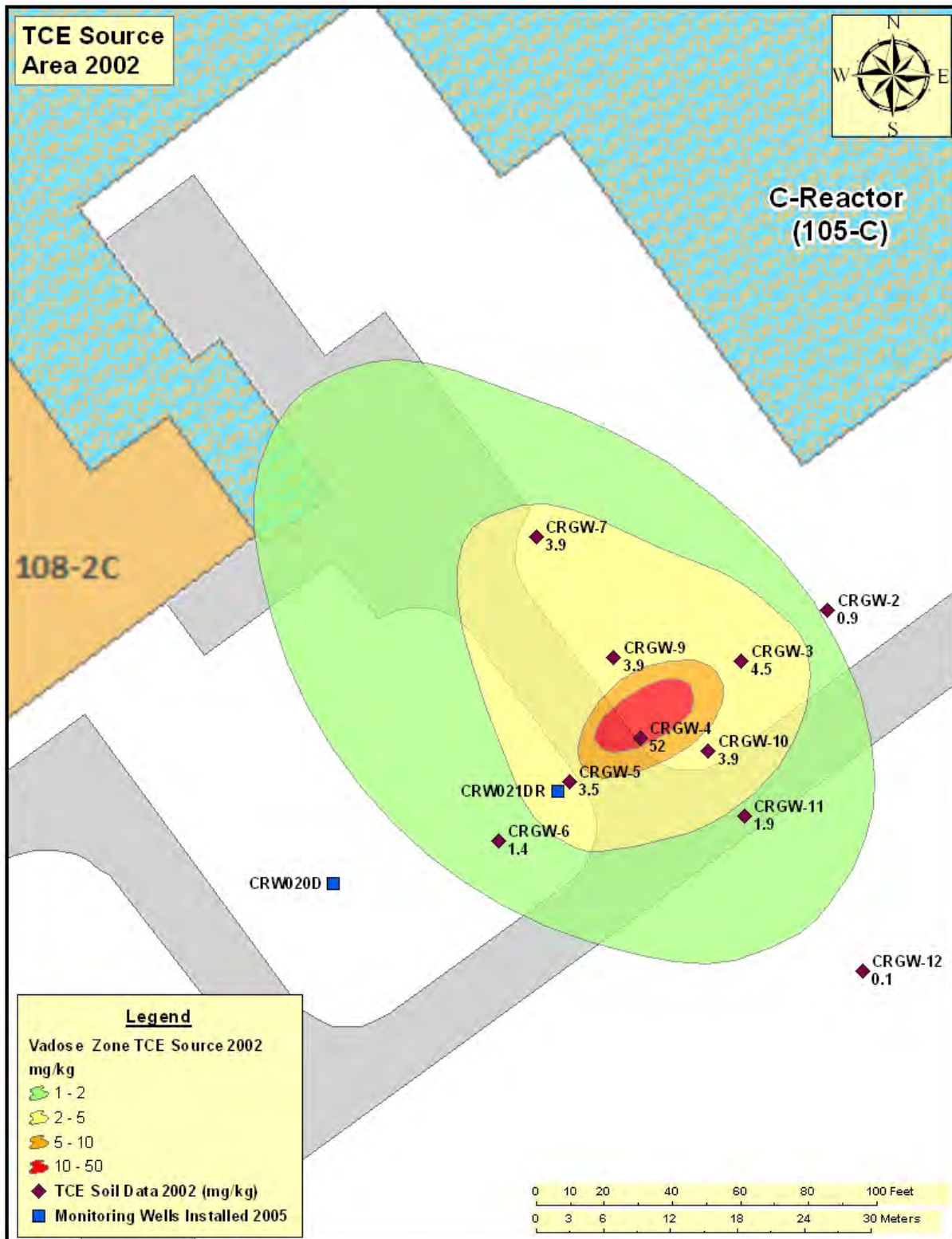


Figure C-3. CAGW OU 2002 TCE Vadose Zone Source Subunit

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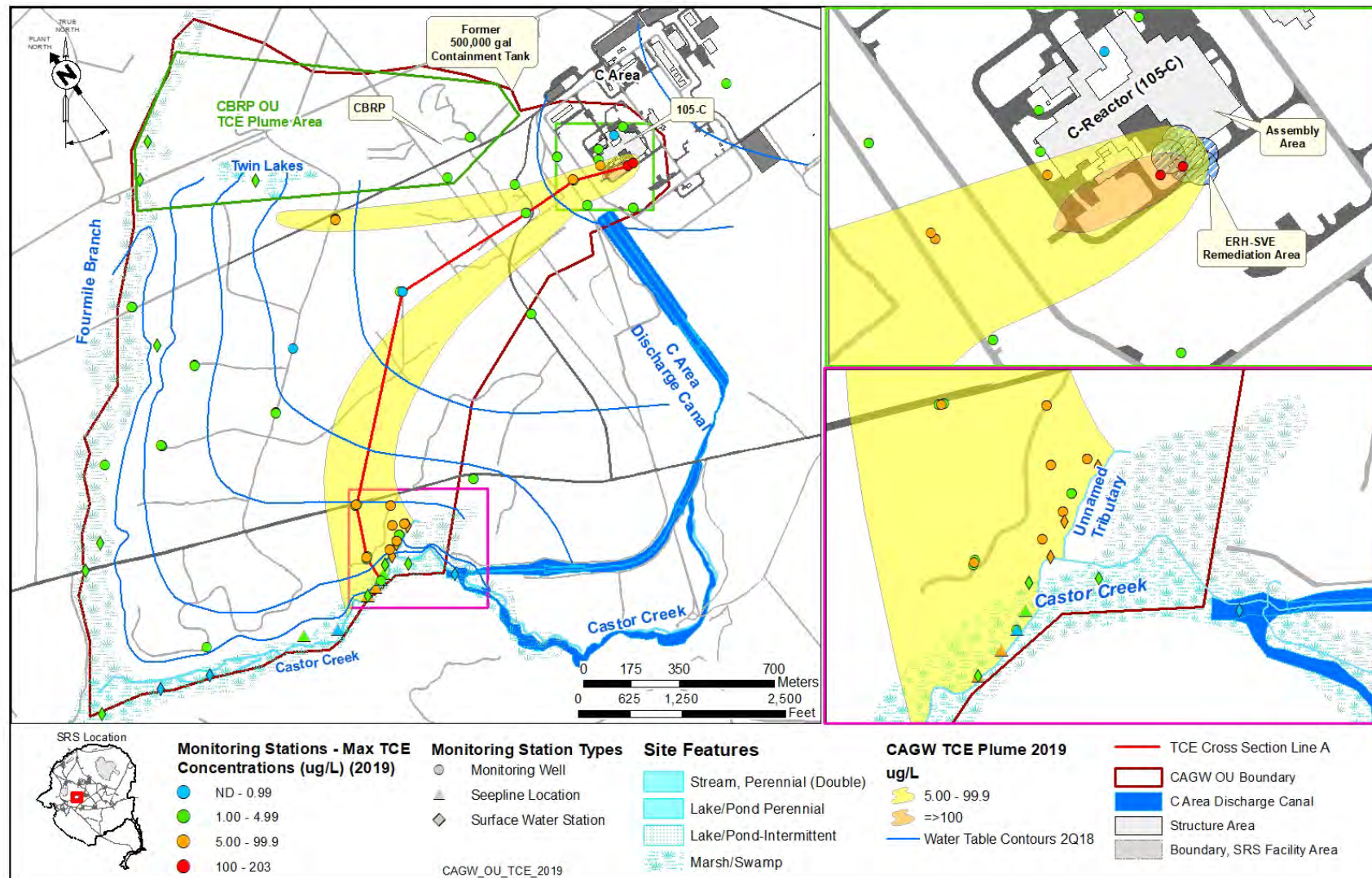


Figure C-4. CAGW OU 2019 TCE Plume Map for Upper Three Runs Aquifer



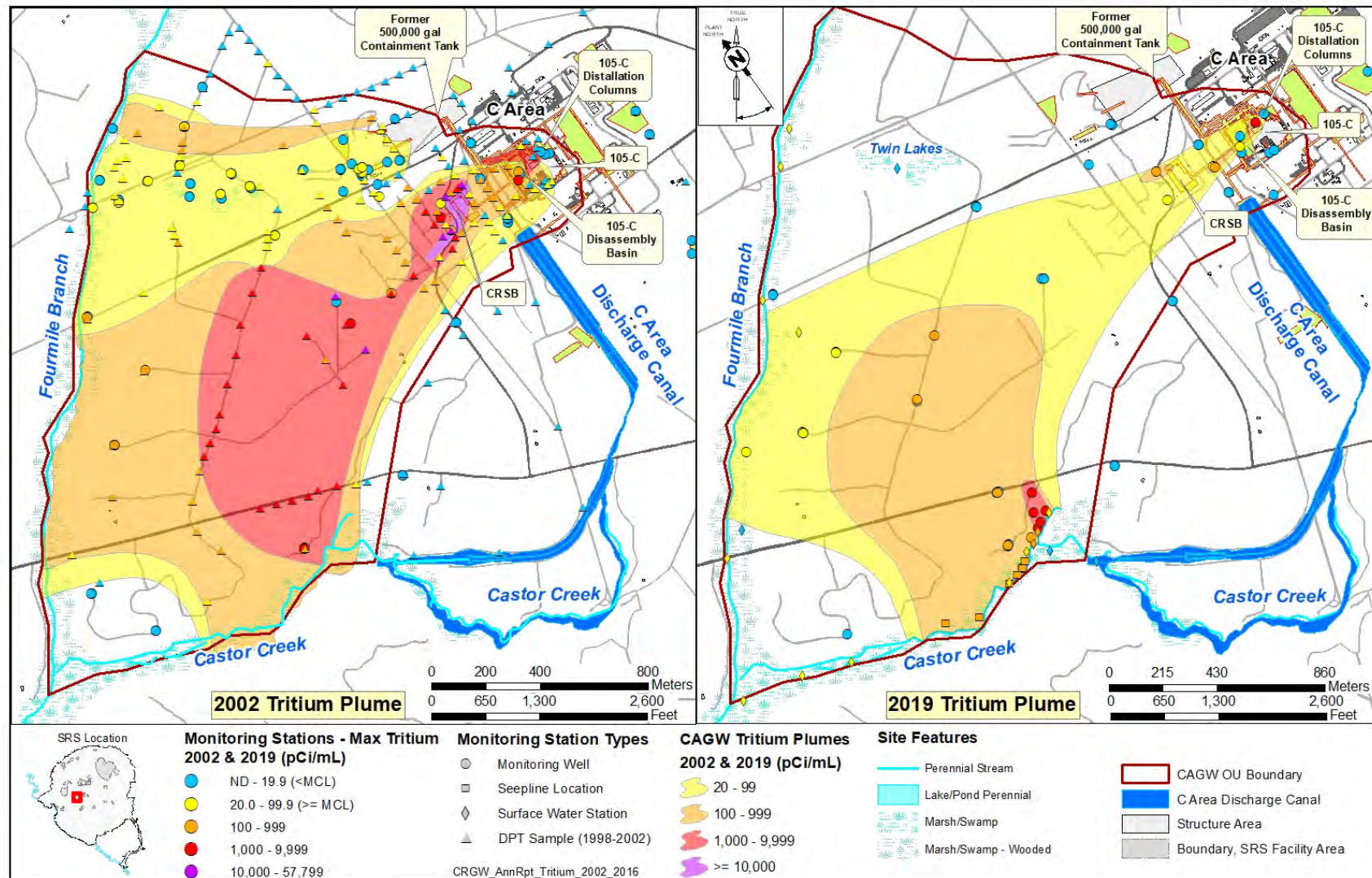


Figure C-5. CAGW OU 2002 and 2019 Tritium Plume Maps



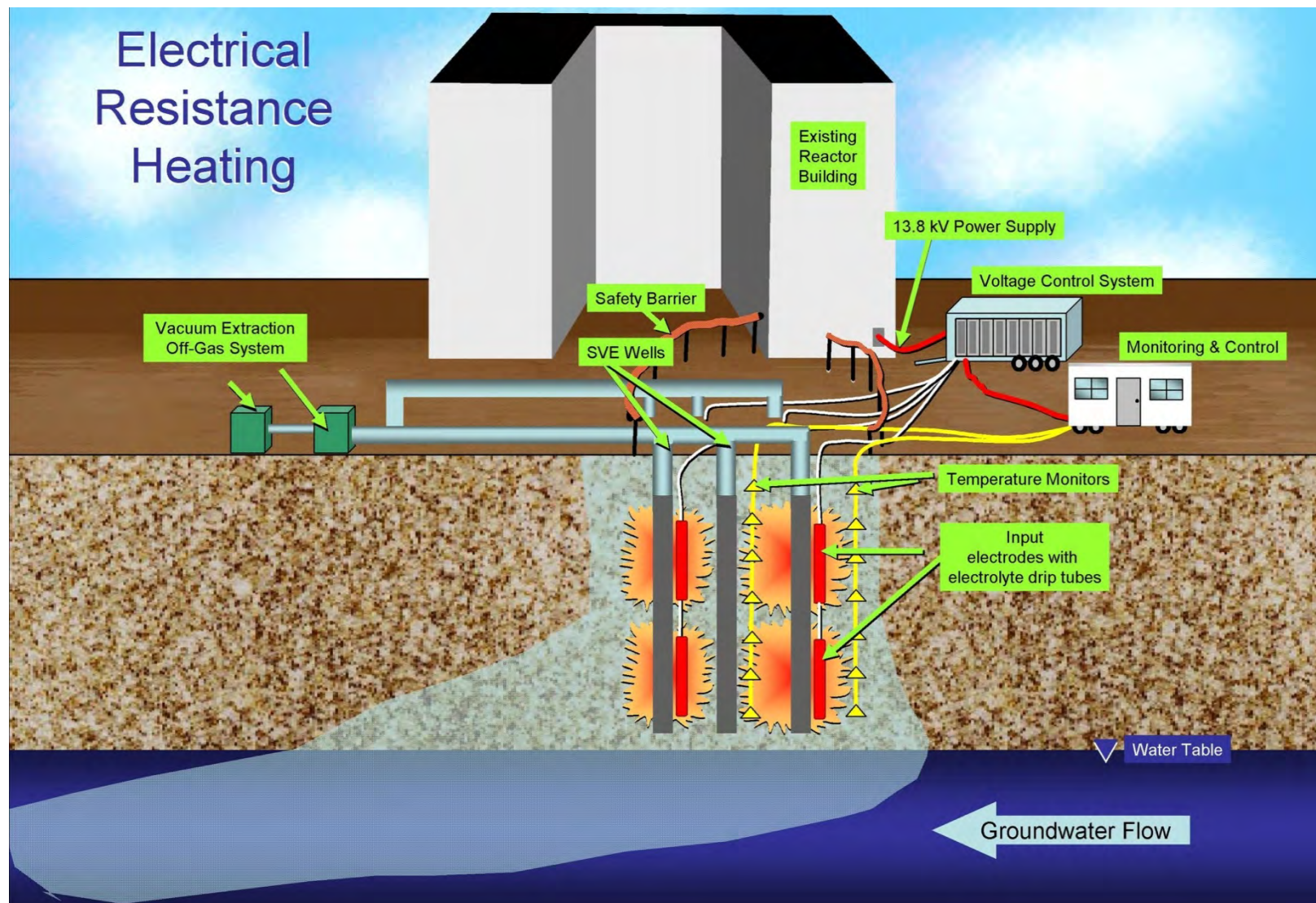


Figure C-6. Generalized Graphic of an ERH with SVE System

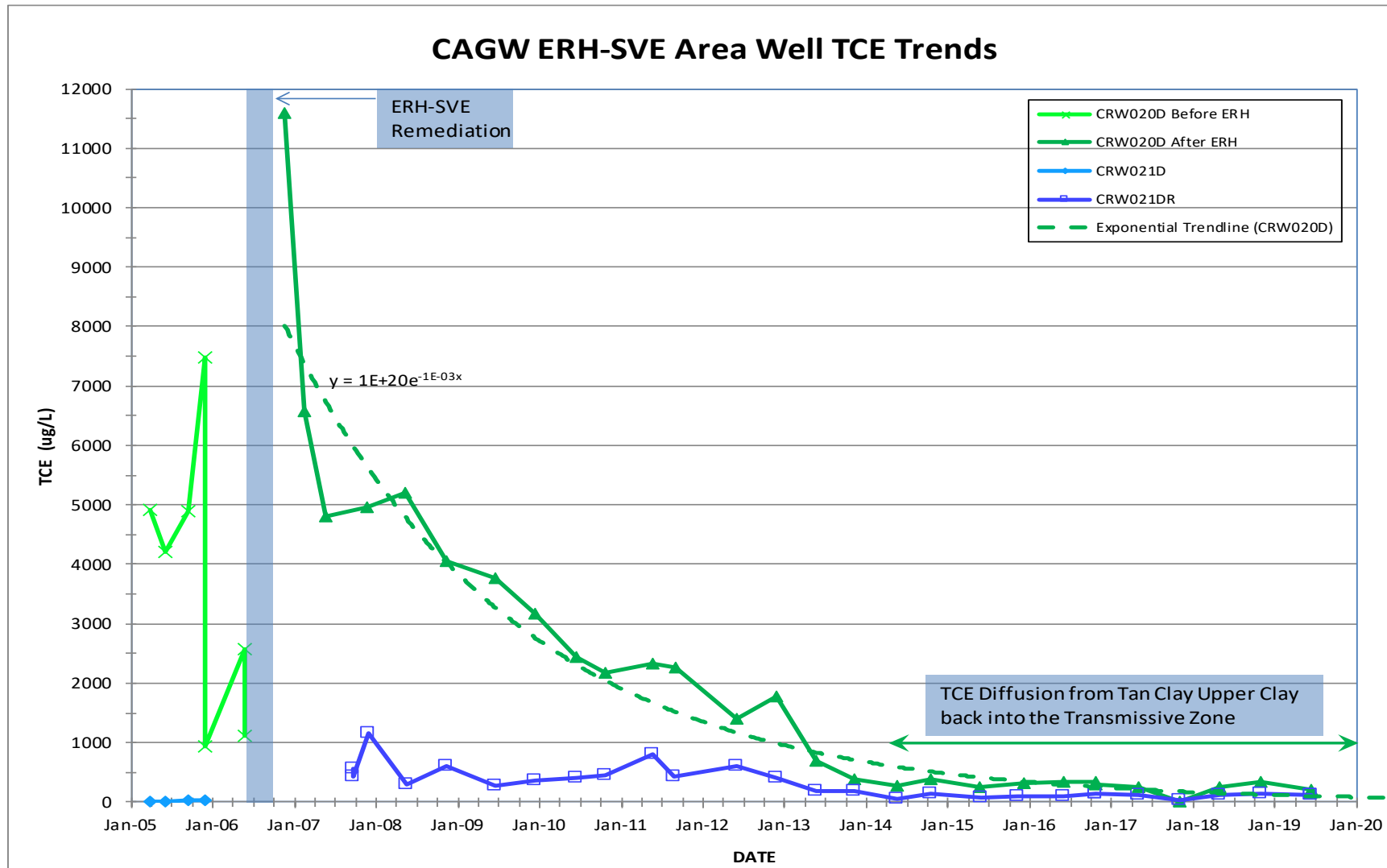


Figure C-7. TCE Groundwater Trends at the ERH with SVE Area Wells (2005 to 2019)

**Table C-1. Chronology of OU Events**

| Event                                                   | Date                                                   |
|---------------------------------------------------------|--------------------------------------------------------|
| RFI/RI Field Start                                      | February 20, 2002                                      |
| Interim Record of Decision (ROD) Issuance               | October 15, 2004                                       |
| Interim Remedial Action Construction Start / Completion | July 13, 2005 / June 15, 2006                          |
| Interim Remedial Action Operations Start / Completion   | June 15, 2006 / September 28, 2006                     |
| NTPCR Action Memorandum Issued                          | May 30, 2018                                           |
| Removal Action Operations Field Start / Completion      | July 9, 2019 / September 5, 2019                       |
| FFA Proposed Final ROD Issue Date                       | April 2027                                             |
| Previous Five-Year Remedy Reviews Issuance              | January 28, 2009 / February 4, 2014 / February 2, 2017 |

**Table C-2. Summary of Constituents of Concern and Remedial Goals for CAGW OU**

| Medium of Concern             | Constituents of Concern* | Remedial Goal (MCL) |
|-------------------------------|--------------------------|---------------------|
| Groundwater                   | Trichloroethylene        | 5 µg/L              |
|                               | Tetrachloroethylene      | 5 µg/L              |
|                               | Tritium                  | 20 pCi/mL           |
| Surface Water in Castor Creek | Tritium                  | 20 pCi/mL           |

\* The IROD only addressed trichloroethylene.

**Table C-3. Actual versus Estimated O&M Costs**

|                                             | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Five-Year Total |
|---------------------------------------------|--------|--------|--------|--------|--------|-----------------|
| Total Actual O&M Costs (\$)                 | 15,411 | 29,984 | 6,282  | 5,544  | 5,431  | 62,652          |
| Total IROD Estimated Direct O&M Costs (\$)¹ | 0      | 0      | 0      | 0      | 0      | 0               |

1 – The estimated O&M costs since the last remedy review is \$0 for FY2015-FY2019 because costs beyond FY2013 were not include in the original estimate.

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**Attachment C-1. Five-Year Review Site Inspection Checklist – C-Area Groundwater Operable Unit**

| I. SITE INFORMATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                  |                         |                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------|-----------------------|
| Site Name:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | C-Area Groundwater Operable Unit | Date of Inspection:     | 10/22/2019            |
| Location and Region                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | SRS, USEPA Region 4              | EPA ID:                 | SEMS #31              |
| Agency, Office, or Company leading the Five-Year Review                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | USDOE                            | Weather/<br>Temperature | 81°F and partly sunny |
| <b>Remedy Includes:</b> (Click all that apply) <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input type="checkbox"/> Landfill Cover/Containment<br/> <input type="checkbox"/> Access Controls<br/> <input type="checkbox"/> Institutional Controls<br/> <input type="checkbox"/> Groundwater Pump and Treatment           </div> <div style="width: 50%;"> <input type="checkbox"/> Surface Water Pump and Treatment<br/> <input type="checkbox"/> Monitored Natural Attenuation<br/> <input type="checkbox"/> Groundwater Containment<br/> <input type="checkbox"/> Vertical Barriers           </div> </div> <input checked="" type="checkbox"/> Other <u>ERH with SVE for vadose zone remediation of VOCs, periodic groundwater monitoring. Please note that access controls and institutional controls are not a component of the interim remedy.</u> |                                  |                         |                       |
| <b>Attachments:</b> <input type="checkbox"/> Inspection team roster attached <input type="checkbox"/> Inspection team roster attached                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                  |                         |                       |
| II. INTERVIEWS (Click all that apply)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                  |                         |                       |
| <b>1. O&amp;M Site Manager:</b> <div style="display: flex; justify-content: space-between;"> <div> <u>Brian Hanshew</u><br/>(Name)           </div> <div> <u>ACP Field Execution Team 2</u><br/>(Title)           </div> <div> <u>11/05/2019</u><br/>(Date)           </div> </div> <div style="margin-top: 10px;"> <b>Interviewed:</b> <input type="checkbox"/> At Site           <input checked="" type="checkbox"/> At Office           <input type="checkbox"/> By Phone           Phone No.: <u>803-952-4949</u> </div> <div style="margin-top: 10px;"> <b>Problems/Suggestions:</b> <input type="checkbox"/> Report Attached           _____         </div>                                                                                                                                                                                                                    |                                  |                         |                       |
| <b>2. O&amp;M Staff:</b> <div style="display: flex; justify-content: space-between;"> <div> <u>Phil Carter</u><br/>(Name)           </div> <div> <u>EC&amp;ACP Post Closure Waste Site<br/>Inspector/Maintenance Coord.</u><br/>(Title)           </div> <div> <u>11/05/2019</u><br/>(Date)           </div> </div> <div style="margin-top: 10px;"> <b>Interviewed:</b> <input type="checkbox"/> At Site           <input checked="" type="checkbox"/> At Office           <input type="checkbox"/> By Phone           Phone No.: <u>803-952-4145</u> </div> <div style="margin-top: 10px;"> <b>Problems/Suggestions:</b> <input type="checkbox"/> Report Attached           _____         </div>                                                                                                                                                                                    |                                  |                         |                       |

**Attachment C-1. Five-Year Review Site Inspection Checklist – C-Area Groundwater Operable Unit (continued)**

| II. INTERVIEWS (Click all that apply) (Continued)                                                                                                                                                                                                                                                     |                                                       |                                                |                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------|-----------------------------------------|
| <p><b>3. Local Regulatory Authorities and Response Agencies</b> (i.e., State and tribal offices, emergency response office, police department, office of public health or environmental health, zoning office, recorder of deeds or other city and county offices, etc.). Fill in all that apply.</p> |                                                       |                                                |                                         |
| <p><b>Agency:</b> _____</p>                                                                                                                                                                                                                                                                           |                                                       |                                                |                                         |
| <p><b>Contact:</b> _____<br/> <div style="display: flex; justify-content: space-between; font-size: small;"> <span>(Name)</span> <span>(Title)</span> <span>(Date)</span> <span>(Phone No.)</span> </div> </p>                                                                                        |                                                       |                                                |                                         |
| <p><b>Problems/Suggestions:</b> <input type="checkbox"/> Report Attached _____<br/>           _____</p>                                                                                                                                                                                               |                                                       |                                                |                                         |
| <p><b>Agency:</b> _____</p>                                                                                                                                                                                                                                                                           |                                                       |                                                |                                         |
| <p><b>Contact:</b> _____<br/> <div style="display: flex; justify-content: space-between; font-size: small;"> <span>(Name)</span> <span>(Title)</span> <span>(Date)</span> <span>(Phone No.)</span> </div> </p>                                                                                        |                                                       |                                                |                                         |
| <p><b>Problems/Suggestions:</b> <input type="checkbox"/> Report Attached _____<br/>           _____</p>                                                                                                                                                                                               |                                                       |                                                |                                         |
| <p><b>Agency:</b> _____</p>                                                                                                                                                                                                                                                                           |                                                       |                                                |                                         |
| <p><b>Contact:</b> _____<br/> <div style="display: flex; justify-content: space-between; font-size: small;"> <span>(Name)</span> <span>(Title)</span> <span>(Date)</span> <span>(Phone No.)</span> </div> </p>                                                                                        |                                                       |                                                |                                         |
| <p><b>Problems/Suggestions:</b> <input type="checkbox"/> Report Attached _____<br/>           _____</p>                                                                                                                                                                                               |                                                       |                                                |                                         |
| <p><b>4. Other Interviews (Optional):</b> <input type="checkbox"/> Report Attached _____<br/>           _____<br/>           _____<br/>           _____</p>                                                                                                                                           |                                                       |                                                |                                         |
| III. ONSITE DOCUMENTS & RECORDS VERIFIED (Click all that apply)                                                                                                                                                                                                                                       |                                                       |                                                |                                         |
| <p><b>1. O&amp;M Documents:</b></p>                                                                                                                                                                                                                                                                   |                                                       |                                                |                                         |
| <input type="checkbox"/> O&M Manual                                                                                                                                                                                                                                                                   | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| <input checked="" type="checkbox"/> As-Built Drawings                                                                                                                                                                                                                                                 | <input checked="" type="checkbox"/> Readily Available | <input checked="" type="checkbox"/> Up to Date | <input type="checkbox"/> N/A            |
| <input type="checkbox"/> Maintenance Logs                                                                                                                                                                                                                                                             | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| <p>Remarks: <u>Monitoring wells are inspected per ER-SOP-011, Area Completion Projects Monitoring Well Inspection (U)</u></p>                                                                                                                                                                         |                                                       |                                                |                                         |



**Attachment C-1. Five-Year Review Site Inspection Checklist – C-Area Groundwater Operable Unit (continued)**

| III. ONSITE DOCUMENTS & RECORDS VERIFIED (Continued)                                                                                                                               |                                                       |                                                |                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------|-----------------------------------------|
| <b>2. Health and Safety Plans (HASPs):</b>                                                                                                                                         |                                                       |                                                |                                         |
| <input type="checkbox"/> Site-Specific Health and Safety Plans                                                                                                                     | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| <input type="checkbox"/> Contingency Plan/Emergency Response Plan                                                                                                                  | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks: Routine O&M activities do not require a Site-Specific Health and Safety Plan (SSHASP) under 29 CFR 1910.1201, Hazardous Waste Operations. A SSHASP is prepared if needed. |                                                       |                                                |                                         |
| <b>3. O&amp;M and OSHA Training Records:</b>                                                                                                                                       |                                                       |                                                |                                         |
|                                                                                                                                                                                    | <input checked="" type="checkbox"/> Readily Available | <input checked="" type="checkbox"/> Up to Date | <input type="checkbox"/> N/A            |
| Remarks: Training Records are complete and up to date per ACP training matrix.                                                                                                     |                                                       |                                                |                                         |
| <b>4. Permits and Service Agreements:</b>                                                                                                                                          |                                                       |                                                |                                         |
| <input type="checkbox"/> Air Discharge Permit                                                                                                                                      | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| <input type="checkbox"/> Effluent Discharge                                                                                                                                        | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| <input type="checkbox"/> Waste Disposal; POTW                                                                                                                                      | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| <input type="checkbox"/> Other Permits                                                                                                                                             | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks:                                                                                                                                                                           |                                                       |                                                |                                         |
| <b>5. Gas Generation Records:</b>                                                                                                                                                  |                                                       |                                                |                                         |
|                                                                                                                                                                                    | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks:                                                                                                                                                                           |                                                       |                                                |                                         |
| <b>6. Settlement Monument Records:</b>                                                                                                                                             |                                                       |                                                |                                         |
|                                                                                                                                                                                    | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks:                                                                                                                                                                           |                                                       |                                                |                                         |
| <b>7. Groundwater Monitoring Records:</b>                                                                                                                                          |                                                       |                                                |                                         |
|                                                                                                                                                                                    | <input checked="" type="checkbox"/> Readily Available | <input checked="" type="checkbox"/> Up to Date | <input type="checkbox"/> N/A            |
| Remarks:                                                                                                                                                                           |                                                       |                                                |                                         |
| <b>8. Leachate Extraction Records:</b>                                                                                                                                             |                                                       |                                                |                                         |
|                                                                                                                                                                                    | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks:                                                                                                                                                                           |                                                       |                                                |                                         |
| <b>9. Discharge Compliance Records:</b>                                                                                                                                            |                                                       |                                                |                                         |
| <input type="checkbox"/> Air                                                                                                                                                       | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| <input type="checkbox"/> Water (Effluent)                                                                                                                                          | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks:                                                                                                                                                                           |                                                       |                                                |                                         |
| <b>10. Daily Access/Security Logs:</b>                                                                                                                                             |                                                       |                                                |                                         |
|                                                                                                                                                                                    | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks:                                                                                                                                                                           |                                                       |                                                |                                         |

**Attachment C-1. Five-Year Review Site Inspection Checklist – C-Area Groundwater Operable Unit (continued)**

| IV. O&M COSTS                                                                                                                                                                                                                                                                                                                                                                                                         |                     |                       |                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------------------|---------------------------------------------|
| <b>1. O&amp;M Organization:</b><br><div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <input type="checkbox"/> State In-House<br/> <input type="checkbox"/> PRP In-House<br/> <input checked="" type="checkbox"/> Other: <u>SRS</u> </div> <div style="width: 48%;"> <input type="checkbox"/> Contractor for State<br/> <input type="checkbox"/> Contractor for PRP </div> </div> |                     |                       |                                             |
| <b>2. O&amp;M Cost Records:</b><br><div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> Readily Available <input type="checkbox"/> Up to Date <input type="checkbox"/> Funding mechanism/agreement in place </div> <input checked="" type="checkbox"/> Other: <u>Project cost data is summarized in Section IV of this OU-specific review.</u>                                       |                     |                       |                                             |
| <b>Total annual cost by year for review period, if available</b>                                                                                                                                                                                                                                                                                                                                                      |                     |                       |                                             |
| From: _____<br>(Date)                                                                                                                                                                                                                                                                                                                                                                                                 | To: _____<br>(Date) | _____<br>(Total Cost) | <input type="checkbox"/> Breakdown attached |
| From: _____<br>(Date)                                                                                                                                                                                                                                                                                                                                                                                                 | To: _____<br>(Date) | _____<br>(Total Cost) | <input type="checkbox"/> Breakdown attached |
| From: _____<br>(Date)                                                                                                                                                                                                                                                                                                                                                                                                 | To: _____<br>(Date) | _____<br>(Total Cost) | <input type="checkbox"/> Breakdown attached |
| From: _____<br>(Date)                                                                                                                                                                                                                                                                                                                                                                                                 | To: _____<br>(Date) | _____<br>(Total Cost) | <input type="checkbox"/> Breakdown attached |
| From: _____<br>(Date)                                                                                                                                                                                                                                                                                                                                                                                                 | To: _____<br>(Date) | _____<br>(Total Cost) | <input type="checkbox"/> Breakdown attached |
| <b>3. Unanticipated or Unusually High O&amp;M Costs During Review Period</b><br>Describe costs and reasons: <u>N/A</u><br><br><br><br>                                                                                                                                                                                                                                                                                |                     |                       |                                             |
| <b>V. ACCESS AND INSTITUTIONAL CONTROLS</b> <input type="checkbox"/> Applicable <input checked="" type="checkbox"/> N/A                                                                                                                                                                                                                                                                                               |                     |                       |                                             |
| <b>A. Fencing</b>                                                                                                                                                                                                                                                                                                                                                                                                     |                     |                       |                                             |
| <b>1. Fencing Damage:</b> <input type="checkbox"/> Location shown on site map <input type="checkbox"/> Gates secured <input checked="" type="checkbox"/> N/A<br>Remarks: <u>OU-specific fencing is not required by the remedial action.</u><br><br>                                                                                                                                                                   |                     |                       |                                             |
| <b>B. Signs</b>                                                                                                                                                                                                                                                                                                                                                                                                       |                     |                       |                                             |
| <b>1. Signs and Other Security Measures:</b> <input type="checkbox"/> Location shown on site map <input checked="" type="checkbox"/> N/A<br>Remarks: _____<br><br>                                                                                                                                                                                                                                                    |                     |                       |                                             |

**Attachment C-1. Five-Year Review Site Inspection Checklist – C-Area Groundwater Operable Unit (continued)**

| V. ACCESS AND INSTITUTIONAL CONTROLS (Continued)                                                                                                                                      |                                                     |                                                             |                                         |                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-------------------------------------------------------------|-----------------------------------------|------------------------------------|
| <b>C. Institutional Controls</b>                                                                                                                                                      |                                                     |                                                             |                                         |                                    |
| <b>1. Implementation and Enforcement</b>                                                                                                                                              |                                                     |                                                             |                                         |                                    |
| Site conditions imply ICs are not properly implemented:                                                                                                                               | <input type="checkbox"/> Yes                        | <input checked="" type="checkbox"/> No                      | <input type="checkbox"/> N/A            |                                    |
| Site conditions imply ICs are not being fully enforced:                                                                                                                               | <input type="checkbox"/> Yes                        | <input checked="" type="checkbox"/> No                      | <input type="checkbox"/> N/A            |                                    |
| Type of monitoring (e.g., self-reporting, drive-by, etc.) <u>Walkdown</u>                                                                                                             |                                                     |                                                             |                                         |                                    |
| Frequency: <u>Once every five years</u>                                                                                                                                               |                                                     |                                                             |                                         |                                    |
| Responsible Party/Agent: <u>USDOE Savannah River Field Office</u>                                                                                                                     |                                                     |                                                             |                                         |                                    |
| Contact:                                                                                                                                                                              | <u>Karen Adams</u><br>(Name)                        | <u>Federal Project Director</u><br>(Title)                  | <u>12/17/19</u><br>(Date)               | <u>803-952-7871</u><br>(Phone No.) |
| Reporting is up-to-date:                                                                                                                                                              | <input checked="" type="checkbox"/> Yes             | <input type="checkbox"/> No                                 | <input type="checkbox"/> N/A            |                                    |
| Reports are verified by the lead agency:                                                                                                                                              | <input checked="" type="checkbox"/> Yes             | <input type="checkbox"/> No                                 | <input type="checkbox"/> N/A            |                                    |
| Specific requirements in deed or decision documents have been met:                                                                                                                    | <input checked="" type="checkbox"/> Yes             | <input type="checkbox"/> No                                 | <input type="checkbox"/> N/A            |                                    |
| Violations have been reported:                                                                                                                                                        | <input type="checkbox"/> Yes                        | <input type="checkbox"/> No                                 | <input checked="" type="checkbox"/> N/A |                                    |
| Problems/Suggestions: <input type="checkbox"/> Report Attached                                                                                                                        |                                                     |                                                             |                                         |                                    |
| <u>Access is restricted by physical access controls to SRS (fences, guards, security patrols, etc.) and use controls are managed through the SRS Site Use/Site Clearance Program.</u> |                                                     |                                                             |                                         |                                    |
|                                                                                                                                                                                       |                                                     |                                                             |                                         |                                    |
| <b>2. Adequacy:</b>                                                                                                                                                                   | <input type="checkbox"/> ICs are adequate           | <input type="checkbox"/> ICs are inadequate                 | <input checked="" type="checkbox"/> N/A |                                    |
| Remarks: _____                                                                                                                                                                        |                                                     |                                                             |                                         |                                    |
| _____                                                                                                                                                                                 |                                                     |                                                             |                                         |                                    |
| _____                                                                                                                                                                                 |                                                     |                                                             |                                         |                                    |
| <b>D. General</b>                                                                                                                                                                     |                                                     |                                                             |                                         |                                    |
| <b>1. Vandalism/Trespassing:</b>                                                                                                                                                      | <input type="checkbox"/> Location shown on site map | <input checked="" type="checkbox"/> No vandalism is evident |                                         |                                    |
| Remarks: _____                                                                                                                                                                        |                                                     |                                                             |                                         |                                    |
| _____                                                                                                                                                                                 |                                                     |                                                             |                                         |                                    |
| <b>2. Land use changes onsite:</b>                                                                                                                                                    | <input checked="" type="checkbox"/> N/A             |                                                             |                                         |                                    |
| Remarks: _____                                                                                                                                                                        |                                                     |                                                             |                                         |                                    |
| _____                                                                                                                                                                                 |                                                     |                                                             |                                         |                                    |
| <b>3. Land use changes offsite:</b>                                                                                                                                                   | <input checked="" type="checkbox"/> N/A             |                                                             |                                         |                                    |
| Remarks: _____                                                                                                                                                                        |                                                     |                                                             |                                         |                                    |
| _____                                                                                                                                                                                 |                                                     |                                                             |                                         |                                    |

**Attachment C-1. Five-Year Review Site Inspection Checklist – C-Area Groundwater Operable Unit (continued)**

| VI. GENERAL SITE CONDITIONS                                                                                                                                                                                                            |                                                     |                                                    |                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|----------------------------------------------------|-----------------------------------------|
| <b>A. Roads</b>                                                                                                                                                                                                                        | <input checked="" type="checkbox"/> Applicable      | <input type="checkbox"/> N/A                       |                                         |
| <b>1. Roads damaged:</b>                                                                                                                                                                                                               | <input type="checkbox"/> Location shown on site map | <input checked="" type="checkbox"/> Roads adequate | <input type="checkbox"/> N/A            |
| Remarks: _____                                                                                                                                                                                                                         |                                                     |                                                    |                                         |
| <b>B. Other Site Conditions</b>                                                                                                                                                                                                        |                                                     |                                                    |                                         |
| Remarks: _____                                                                                                                                                                                                                         |                                                     |                                                    |                                         |
| _____                                                                                                                                                                                                                                  |                                                     |                                                    |                                         |
| _____                                                                                                                                                                                                                                  |                                                     |                                                    |                                         |
| _____                                                                                                                                                                                                                                  |                                                     |                                                    |                                         |
| <b>VII. LANDFILL COVER/CONTAINMENT</b>                                                                                                                                                                                                 |                                                     | <input type="checkbox"/> Applicable                | <input checked="" type="checkbox"/> N/A |
| <b>VIII. VERTICAL BARRIER WALLS</b>                                                                                                                                                                                                    |                                                     | <input type="checkbox"/> Applicable                | <input checked="" type="checkbox"/> N/A |
| <b>IX. GROUNDWATER/SURFACE WATER REMEDIES</b>                                                                                                                                                                                          |                                                     | <input type="checkbox"/> Applicable                | <input checked="" type="checkbox"/> N/A |
| <b>X. OTHER REMEDIES</b>                                                                                                                                                                                                               |                                                     |                                                    |                                         |
| If there are remedies applied at the site, which are not covered above, attach an inspection sheet describing the physical nature and condition of any facility associated with the remedy. An example would be soil vapor extraction. |                                                     |                                                    |                                         |
| <b>A. Electrical Resistance Heating with Soil Vapor Extraction System</b>                                                                                                                                                              |                                                     | <input checked="" type="checkbox"/> Applicable     | <input type="checkbox"/> N/A            |
| <b>1. Blowers, Wellhead Plumbing, and Electrical:</b>                                                                                                                                                                                  |                                                     |                                                    |                                         |
| <input type="checkbox"/> Good Condition <input type="checkbox"/> All required wells located <input type="checkbox"/> Needs maintenance <input checked="" type="checkbox"/> N/A                                                         |                                                     |                                                    |                                         |
| Remarks: <u>ERH with SVE operations are now complete. The effectiveness of the treatment is being evaluated by groundwater monitoring.</u>                                                                                             |                                                     |                                                    |                                         |
| <b>2. Extraction System Pipelines, Valves, Valve Boxes and Other Appurtenances:</b>                                                                                                                                                    |                                                     |                                                    |                                         |
| <input type="checkbox"/> Good Condition <input type="checkbox"/> Needs maintenance <input checked="" type="checkbox"/> N/A                                                                                                             |                                                     |                                                    |                                         |
| Remarks: _____                                                                                                                                                                                                                         |                                                     |                                                    |                                         |
| <b>3. Spare Parts and Equipment:</b>                                                                                                                                                                                                   |                                                     |                                                    |                                         |
| <input type="checkbox"/> Readily Available <input type="checkbox"/> Good Condition <input type="checkbox"/> Requires Upgrade <input type="checkbox"/> Needs to be provided                                                             |                                                     |                                                    |                                         |
| Remarks: <u>N/A</u>                                                                                                                                                                                                                    |                                                     |                                                    |                                         |
| <b>4. Monitoring Wells (ERH with SVE):</b>                                                                                                                                                                                             |                                                     |                                                    |                                         |
| <input checked="" type="checkbox"/> Properly secured/locked <input checked="" type="checkbox"/> Functioning <input checked="" type="checkbox"/> Routinely sampled <input checked="" type="checkbox"/> Good condition                   |                                                     |                                                    |                                         |
| <input checked="" type="checkbox"/> All required wells located <input type="checkbox"/> Needs maintenance <input type="checkbox"/> N/A                                                                                                 |                                                     |                                                    |                                         |
| Remarks: <u>The effectiveness of the treatment is being evaluated by sampling monitoring wells CRW-1D, CRW020D and CRW021DR.</u>                                                                                                       |                                                     |                                                    |                                         |

**Attachment C-1. Five-Year Review Site Inspection Checklist – C-Area Groundwater Operable Unit (continued/end)**

| <b>XI. OVERALL OBSERVATIONS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>A. Implementation of the Remedy</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <p>Describe issues and observations relating to whether the remedy is effective and functioning as designed. Begin with a brief statement of what the remedy is to accomplish (i.e., to contain contaminant plume, minimize infiltration and gas emissions, etc.).</p> <p><u>Groundwater monitoring indicates the interim remedial action of ERH with SVE was successful in preventing further groundwater impact. Until the final CAGW ROD is issued, the exposure pathways that could lead to unacceptable risk are being restricted through the SRS Site Use/Site Clearance Program and monitored by periodic groundwater sampling.</u></p>                                                                                                                                             |
| <b>B. Adequacy of O&amp;M</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <p>Describe issues and observations related to the implementation and scope of O&amp;M procedures. In particular, discuss their relationship to the current and long-term protectiveness of the remedy.</p> <p><u>The protectiveness of the completed interim action of ERH with SVE is being monitored by continued groundwater sampling. The O&amp;M procedures are effectively maintaining the monitoring wells. The wells are properly secured/locked, functioning and are in good condition. Unauthorized access to the CAGW OU is restricted by physical access controls to SRS (fences, guards, security patrols, etc.), administrative controls (SRS is a secured government facility with land use restrictions) and use controls (SRS Site Use/Site Clearance Programs).</u></p> |
| <b>C. Early Indicators of Potential Remedy Failure</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <p>Describe issues and observations such as unexpected changes in the cost or scope of O&amp;M or a high frequency of unscheduled repairs that suggest that the protectiveness of the remedy may be compromised in the future.</p> <p><u>N/A</u></p> <p>_____</p> <p>_____</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>D. Opportunities for Optimization</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <p>Describe possible opportunities for optimization in monitoring tasks or the operation of the remedy.</p> <p><u>N/A</u></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

*End of Checklist*

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**CHEMICALS, METALS, AND PESTICIDES (CMP) PITS (080-170G, 080-171G, 080-180G, 080-181G, 080-182G, 080-183G, AND 080-190G) OPERABLE UNIT**

**I. Introduction**

This report is the fifth five-year remedy review for the Chemicals, Metals, and Pesticides (CMP) Pits Operable Unit (OU). Contaminants have been left in place at the CMP Pits OU at levels that do not allow for unlimited use and unrestricted exposure. The review was conducted from August 2019 through November 2019. The purpose of this review is to determine whether the remedy in place at the CMP Pits OU is protective of human health and the environment. This report documents the results of the review.

**II. OU Chronology**

Table D-1 lists the chronology of site events for the CMP Pits OU.

**III. Background**

The CMP Pits OU is listed as a Resource Conservation and Recovery Act (RCRA)/Comprehensive Environmental Response, Compensation, and Liability Act unit in Appendix C of the Federal Facility Agreement (FFA) for the Savannah River Site (SRS) (FFA 1993). The media of concern is surface soil, subsurface soil, groundwater, sediment, and surface water.

**Physical Characteristics**

The CMP Pits OU is located in the central portion of the SRS in Barnwell County more than 11.2 km (7 mi) from the site boundary and is approximately 1,560 m (5,200 ft) north of the L-Area perimeter fence (Figure D-1). The CMP Pits are located within the Pen Branch watershed approximately 375 m (1,250 ft) southeast of Pen Branch. The OU consists of five subunits: the ballast area soils, CMP Pits and associated vadose zone (Field A), vadose zone (Field B), groundwater, and Pen Branch surface water and sediment (Figure D-2). Characteristics of each subunit are described below:

- The CMP Pits and associated vadose zone (Field A) – An approximately 0.4-hectare (1-acre) area which includes the seven former unlined pits. The seven pits are located

in two rows and occupy an area 3 to 4.5 m (10 to 15 ft) wide, 13.5 to 21 m (45 to 70 ft) long, and 3 to 4.5 m (10 to 15 ft) deep. The pits occupy the top of a knoll at an approximate elevation of 94.5 m (310 ft) mean sea level. Field A is the vadose zone area that was contaminated by the CMP Pits operation.

- Vadose zone (Field B) – An area approximately 0.4 hectare (1 acre) that is located 30 m (100 ft) north of Field A. Field B is another vadose zone area that was contaminated by the CMP Pits operation.
- Ballast Area – An area approximately 0.2 hectare (0.5 acre) that is located adjacent to and part of Field A. The Ballast Area was used to stockpile excavated pit soils and fluorescent lighting ballasts during the 1984 excavation.
- Groundwater – Previous wastes dumped at the CMP Pits has contaminated the groundwater at and near the CMP Pits with volatile organic compounds (VOCs) (primarily tetrachloroethylene [PCE] and trichloroethylene [TCE]) and the pesticide, lindane, above maximum contaminant levels (MCLs). The groundwater plume extends from the CMP Pits northward towards Pen Branch.
- Pen Branch Surface Water and Sediment – Groundwater from CMP Pits flows towards and discharges to Pen Branch. However, the stream has only been intermittently and minimally impacted. The sediment at Pen Branch has not been impacted by the CMP Pits operations.

### **Land and Resource Use**

According to the *Savannah River Site Future Use Project Report* (USDOE 1996), residential uses of the SRS land should be prohibited. Although the CMP Pits OU is located in the unrestricted land use zone of SRS, outside of the industrial zone defined by the *Land Use Control Assurance Plan for the Savannah River Site* (WSRC 1999a), the future land use for the CMP Pits OU is reasonably anticipated to be industrial with the U.S. Department of Energy (USDOE) maintaining control of the land.

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### **History of Contamination**

The CMP Pits were designed to receive nonradioactive wastes (chemicals, metals, and pesticides) and operated from August 1971 until February 1979. During that time, chemicals, metals, pesticides, and fluorescent lighting ballasts containing polychlorinated biphenyls (PCBs) were disposed of in the pits. In 1984, the buried wastes and surrounding soil were excavated.

PCBs and pesticides were detected in soil at or near the ground surface to the west of the CMP Pits in an area that is now referred to as the “Ballast Area”. The presence of the PCB- and pesticide-contaminated soil is attributed to stockpiling material recovered from the pits during the 1984 excavation.

However, not all contaminated soils were removed during the 1984 action, and the vadose zone remained contaminated with VOCs. Groundwater contamination occurred as a result of the contaminants leaching from soil. Two groundwater plumes, designated as the main plume and the northeast distal plume, now exist at the CMP Pits. These plumes are moving northward towards Pen Branch. Groundwater modeling indicates that the CMP Pits are the source for the main plume (WSRC 2002). Particle tracking towards and from the northeast plume suggests that this plume is from a different source than that of the main plume. A possible source area is a drainage ditch located approximately 110 m (361 ft) north of the CMP Pits (Figure D-2). However, additional characterization efforts concluded that if a source was once present, it is now depleted (WSRC 2003b). It is also possible that the distal plume originated from the main plume but has been separated due to the drop in the water table elevation over time, which has created a dry zone in the upper aquifer zones (Figure D-3).

No contaminants were found at levels that posed a risk to human health or the environment in the Pen Branch surface water or sediment (WSRC 2003b).

Figures D-4 and D-5 presents photographs of the CMP Pits OU before remediation (early 1980s) and currently (2019), respectively.

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### **Initial Response**

The following pre-Record of Decision (ROD) activities were performed to support the overall cleanup strategy for the CMP Pits OU:

- Original excavation of the CMP Pits conducted with clean backfill and cover system (1984).
  - Soil vapor extraction (SVE) units installed in CMP Pits Field A (Interim Action) (2001) (WSRC 1999b); however, possible dense non-aqueous phase liquid (DNAPL) was found and unexpected conditions forced additional characterization before SVE startup. During operations, 9,300 lbs of VOCs were removed (WSRC 2005).
  - Ballast Area Soil Excavation / Off-site Incineration (Interim Action) (2000) (WSRC 1999b); however, soil containing Silvex was found, which could not be treated or disposed of offsite. The amount of contaminated soil was found to be significantly greater than originally estimated. An evaluation of treatment technologies for bioremediation of Silvex contaminated soils was needed.
  - SVE implemented in CMP Pits Field B (Interim Action) (2001) (WSRC 2001). During operations, 230 lbs of VOCs were removed (WSRC 2003c).
  - Ballast Area Soil Excavation / Bioremediation (Treatability Study – Phase I) (2001)
  - SVE implemented in CMP Pits Field A (Interim Action) (2002) (WSRC 2001).
  - SVE units converted to passive system (BaroBalls™) in Field B (Interim Action) (2002) (WSRC 2001).
  - Ballast Area Soil Excavation / Bioremediation (Treatability Study – Phase II) (2002) (WSRC 2003d)
  - Ballast Area Soil Excavation / Bioremediation (Interim Action) (2004) (WSRC 2003a)
-

DNAPL VOC contamination was found to be trapped in the clay horizon beneath the CMP Pits in Field A, where SVE units alone could not remediate the contamination. Additional techniques were needed to remediate the contaminant source to groundwater.

### **Basis for Taking Action**

Releases of VOCs (predominantly PCE and TCE) and pesticides to groundwater have occurred from contaminated soil at the CMP Pits. Groundwater is contaminated above MCLs with PCE, TCE, lindane, and carbon tetrachloride. Exposure to these constituents above MCLs through ingestion or prolonged dermal contact increases the risk of cancer. The refined constituents of concern (RCOCs) for the CMP Pits OU are listed in Table D-2.

The CMP Pits OU remedial goals (RGs) were developed to be protective in soil based upon future industrial land use and in groundwater to achieve MCLs or residential RGs (Table D-2).

## **IV. Remedial Actions**

### **Remedy Selection**

In 2005, a final ROD (WSRC 2004) was issued to address the source of contamination in the vadose zone and the groundwater plume. The selected remedy for the Ballast Area is land use controls (LUCs) to prevent direct contact to PCB-contaminated soils above concentrations of 1 mg/kg. The selected remedy for the CMP Pits and associated vadose zone is a combination of electrical resistance heating (ERH) to remove DNAPL from the vadose zone and continued operation of the SVE system in Field A. Continued operation of the passive SVE system via BaroBalls<sup>TM</sup> was selected for Field B. As stated in the ROD, the remedial action objectives (RAOs) are as follows:

#### ***Ballast Area***

- Prevent human and ecological receptors from direct contact with PCB-contaminated surface soil at concentrations > 1 mg/kg, and
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- Prevent direct contact with pesticide-contaminated surface soils so that constituents of concern (COCs) do not present an unacceptable risk to human and ecological receptors.

***CMP Pits Field A and B Vadose Zone***

- Prevent COC migration to groundwater, and
- Prevent residential exposure to surface soil above RGs.

***Groundwater***

- Prevent human exposure to contaminated groundwater above MCLs or RGs,
- Reduce the COC concentrations in the groundwater plume to MCLs, and
- Prevent discharge of contaminated groundwater to surface water at concentrations above MCLs.

***Surface Water and Sediment***

No RAOs were established for the Pen Branch surface water and sediment because no COCs were identified.

**Remedy Implementation**

The implementation of the final remedial action included the following activities:

***Ballast Area***

- Established LUCs (i.e., physical access controls to prevent unauthorized entry to SRS [fences, guards, security patrols, etc.], administrative controls that maintain the CMP Pits OU for industrial use only, warning signs, and use restrictions via the SRS Site Use/Site Clearance Program) after the completion of the interim action. The interim action included a small portion of contaminated soil that was removed for incineration at an offsite facility. The remaining Silvex contaminated soil was treated onsite using enhanced bioremediation.

***CMP Pits Field A Vadose Zone***

- Operated ERH to remove DNAPL and continued operation of the SVE system throughout the ERH operation.
-

***CMP Pits Field B Vadose Zone***

- Continued operation of the interim action passive SVE system via BaroBalls™.

***Groundwater***

- Established a monitored natural attenuation (MNA) network by installing additional groundwater monitoring wells. MNA will effectively remediate the low-concentration residual groundwater contamination that remains following completion of the source control remedial action. The PCE plumes comprised approximately 17.8 hectares (44 acres); the TCE plumes comprised approximately 16.6 hectares (41 acres) in 2011.
- Submitted an Effectiveness Monitoring Plan (EMP), which provides the sampling and reporting requirements associated with MNA (WSRC 2006a).
- Established LUCs for 2.9 hectares (7.1 acres) at the CMP Pits OU (Figure D-2).

**System Operations/Operation and Maintenance**

Operations at the CMP Pits OU are now complete.

- ERH and SVE have been completed in Field A. The ERH equipment and associated SVE wells were removed or abandoned in accordance with SRS Manual 3Q5 (i.e., currently SRS Manual 3Q1) and R.61-71 South Carolina Well Standards. The results of the ERH/SVE operations were reported in the 2009 Effectiveness Monitoring Report (EMR) (SRNS 2009). Confirmation soil sampling was reported in the 2010 EMR (SRNS 2010).
- At Field B, the passive SVE units were abandoned concurrently with the Field A SVE abandonments.

The following maintenance activities are ongoing:

- Groundwater and surface water monitoring for the MNA network. Sampling will continue until MCLs have been attained. The MNA remedy will be evaluated annually in EMRs based on groundwater monitoring data as defined in the approved EMP (WSRC 2006a). Groundwater monitoring data has been reported in EMRs since June

2009. Based on modeling projections (WSRC 2002), the MNA remedy is expected to reduce groundwater concentrations to below MCLs in as soon as 40 years (approximately 2055).
- Annual site inspections for evidence of damage to the cover system due to erosion or intrusion by burrowing animals. The inspections also address upkeep of the vegetative cover and access control barriers (e.g., the warning signs).
  - Necessary repairs (e.g., replacing eroded or disturbed soil, sign repair, etc.) and vegetation management (e.g., mowing, removal of larger vegetation, etc.) are being performed when required.
  - LUCs (i.e., physical access controls to prevent unauthorized entry to SRS [fences, guards, security patrols, etc.], administrative controls that maintain the CMP Pits OU for industrial use only and warning signs) are being enforced to preclude access through the SRS Site Use/Site Clearance program and SRS site security.

The operation and maintenance (O&M) costs associated with the selected remedy for CMP Pits OU includes maintenance of the soil cover, groundwater monitoring and LUCs (WSRC 2004). The estimated O&M cost from the ROD since the last remedy review for these activities is \$234,793 for Fiscal Year (FY) 2015 through FY2019. The actual O&M cost for FY2015 until FY2019 is \$760,232. The actual O&M costs (Table D-3) were higher than expected because the current number of monitoring wells and surface water sampling locations (76) is much larger than the ROD estimate (12 wells) requiring increased maintenance activities. Based on inspections conducted from FY2015 through FY2019, various maintenance activities completed at CMP Pits included vegetation cutting and clearing drainage ditches, vegetation cutting on soil cover, treating active ant mounds, and vegetation removal from around drainage pipe.

## **V. Progress Since Last Review**

This is the fifth five-year remedy review for the CMP Pits OU. The previous protectiveness statement concluded that because the remedial actions are protective, the CMP Pits OU is protective of human health and the environment.

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There were no recommendation or follow-up actions from the last five-year remedy review.

Due to concerns expressed by the U.S. Environmental Protection Agency (USEPA) during review and Core Team discussion of the 2015 temporary groundwater sample data collected with a Push-Ahead™ sampler, additional groundwater wells (CMP066B and CMP067B) were installed in the Upper Three Runs Aquifer (UTRA) north of Pen Branch in 2016 for long-term monitoring to determine if the VOC contaminant plumes have migrated underneath the stream. Additional wells (CMP055B, CMP064B, CMP064BU, CMP065B, and CMP065BU) were also installed south of Pen Branch to address data gaps. The monitoring results were included in subsequent EMRs and have been included on plume maps. Two additional Gordon Aquifer (GA) wells (CMP010A and CMP055A) were installed in September 2019. Results from these wells will be included in future EMRs. Furthermore, an additional surface water station (CMP-SW-22) was added in between stations CMP-SW-06 and CMP-SW-07 to monitor surface water downgradient from where the highest concentration groundwater PCE/TCE plume is projected to discharge into the stream (Figure D-6).

An updated groundwater modeling effort was conducted in 2017 to reevaluate the hydrogeologic conditions and contaminant plumes (SRNS 2017b). The results of the 2017 modeling effort were summarized in the 2018 EMR (SRNS 2018). The 2017 modeling results support an MNA remedy as fully protective of human health and the environment.

## **VI. Five-Year Review Process**

The following tasks were performed as part of the review:

- Reviewed the documents listed in Section XII, Documents Reviewed,
  - Confirmed implementation of the remedial action,
  - Reviewed all process and performance monitoring data provided by the annual EMRs and provided a technical assessment of whether the ERH/SVE and passive SVE functioned as intended by the ROD and whether the shutdown criteria has been achieved,
-

- Reviewed the groundwater and surface water monitoring data provided in the EMRs (SRNS 2016; SRNS 2017a; SRNS 2018; SRNS 2019) as summarized in Table D-4,
- Inspected the OU, interviewed maintenance personnel, and documented the results on the Inspection Checklist provided in Attachment D-1 with the purpose of assessing the protectiveness of the remedy and the functionality of the access controls, and
- Reviewed changes in standards and to-be-considered guidance.

### ***Data Review***

Four annual EMRs have been submitted since the last five-year remedy review (2015 data [SRNS 2016]; 2016 data [SRNS 2017a]; 2017 data [SRNS 2018]; 2018 data [SRNS 2019]). These reports include all sample results for PCE, TCE, carbon tetrachloride, associated VOC degradation products, 1,4-dioxane, and lindane collected from monitoring wells and surface water stations between 2015 and 2018. These reports include time-series plots at each monitoring station for PCE, TCE, 1,4-dioxane and lindane since 2001, plume maps for the four main constituents (i.e., PCE, TCE, lindane, and 1,4-dioxane), and cross-sections of the stratigraphy with the PCE, 1,4-dioxane, and lindane plumes.

Data from the additional groundwater wells (CMP066B and CMP067B) installed in 2016 in the UTRA north of Pen Branch to monitor if the VOC contaminant plumes have migrated underneath the stream have shown that the UTRA has not been impacted north of Pen Branch as all VOC results have been non-detect to date. Preliminary data from the new 2019 GA wells show that VOC contamination has not reached the GA as PCE and TCE were non-detect.

The groundwater modeling conducted in 2017 to revise cleanup timeframes based on contamination trends to date was also reviewed (SRNS 2017b). The data collected from the monitoring wells installed since the last modeling effort in 2002 were incorporated into the modeling parameters. Lithology was also updated in the model parameters with the stratigraphic elevations provided by the new monitoring well installations. The model also

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included the addition of sorption/desorption of contaminants and secondary VOC sources in clay layers into the projections for contaminant trends.

The flow model was calibrated to head measurements in monitoring wells and displayed similar dry zones within the Transmissive Zone and Middle Aquifer Zone as has been depicted in the CMP Pits EMRs. The model was also calibrated to plume behavior over the 2002 to 2016 period. A continuous vadose zone source and no source were modeled. The difference between the modeled future plume behavior between the vadose zone source and no source scenario was minimal, suggesting that the magnitude and extent of contamination is likely due to the pre-remediation source.

Accurate quantification of the source for predicting future plume behavior was deemed unnecessary. With a continuing source and sorption added to the model, PCE is expected to be above MCLs for approximately 91 years (~2107). As a comparison, the original 2002 model predicted the PCE plume to be above MCLs for 50 years (~2050) if all the vadose zone source was removed and 130 years (~2130) if 85% of the source was removed. The updated model expects TCE to discharge above MCLs for 48 years (~2065). For comparison, the original 2002 model predicted the TCE plume to be above MCLs for over 120 year (>2120) if both the full source or 85% of the source was removed. The addition of continuing sources and sorption have not noticeably changed the predictions for the CMP Pits VOC plumes as the anticipated time to reach MCLs is within the ranges presented in the 2002 model. The 2017 model predicted that VOCs should be discharging to Pen Branch above MCLs for many decades; however, VOC degradation in the wetlands is likely reducing these concentrations and the flux of PCE entering Pen Branch.

### ***Summary of Inspections and Interviews***

Interviews were conducted with Phil Carter, O&M staff member, and Brian Hanshew, O&M Site Manager, on November 5, 2019 at the O&M organization offices. No issues were identified during these interviews. The CMP Pits OU was inspected by Savannah River Nuclear Solutions, LLC (SRNS) Environmental Compliance and Area Completion Projects (EC&ACP) on October 22, 2019.

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The CMP Pits OU was inspected by SRNS EC&ACP and USDOE personnel on December 17, 2019. No issues were identified for the CMP Pits OU during the inspection.

A site inspection was conducted by USEPA and South Carolina Department of Health and Environmental Control personnel, accompanied by USDOE and SRNS personnel on February 27, 2020. No significant problems regarding this OU were identified during the inspection

## **VII. Technical Assessment**

### **Is the Remedy Functioning as Intended by the Decision Document?**

The remedy is functioning as intended as demonstrated below:

- The selected remedy component of LUCs is effective in preventing human exposure to groundwater above MCLs. The Land Use Control Implementation Plan for the CMP Pits governs LUC implementation, maintenance, monitoring, reporting and enforcement of LUCs (WSRC 2007). All LUC objectives are being met.
  - Soil treatment via enhanced bioremediation was effective in preventing exposure to human and ecological receptors with PCB-contaminated surface soils at the Ballast Area. Monitoring and sampling data verified that the RGs were achieved as shown in Table D-5. Further information on the enhanced bioremediation can be found in the Interim Post-Construction Report (WSRC 2006b).
  - The ERH/SVE and passive SVE were effective in preventing RCOC migration to groundwater. As reported in the 2010 EMR (SRNS 2010), concentrations of VOC contamination in the vadose zone soils were greatly reduced to levels below RGs. Pre-ERH/SVE concentrations of PCE were as high as 8,800 mg/kg. After the ERH/SVE shutdown, 59 confirmation soil samples were collected. The maximum PCE result was 1.8 mg/kg, well below the RG of 30.7 mg/kg. Confirmation dichloromethane (DCM) soil sample results were at a maximum of 0.0111 mg/kg, well below the RG of 0.2 mg/kg.
-

- Groundwater results around the actual CMP Pits source area have shown a general decreasing trend with time, but there was a maximum PCE concentration of 1,150 µg/L in 2018 (Table D-4). Well CMP 35D has shown increases in recent years. The increase in VOCs and lindane at well CMP 35D appears to be related to water elevation rising into contamination trapped in the vadose zone. VOC and lindane concentrations in nearby wells indicate that the contaminants are minimal and highly localized near the CMP 35D location (Figures D-3 and D-7). DCM groundwater results have been below the MCL (5 µg/L) since the ERH/SVE shutdown. The 2018 DCM maximum result was 2.37 µg/L. Table D-4 compares the pre-ERH/SVE groundwater concentrations with current (2018) concentrations.
  - Lindane contamination in groundwater continues to stay near the source area and has not impacted the Pen Branch stream. Lindane samples in surface water are not required as part of the EMP. However, samples were analyzed for lindane in the fourth quarter of 2017 and all results were non-detect. The number of groundwater wells exceeding the lindane MCL has decreased from seven monitoring wells in 2008 to five monitoring wells in 2018.
  - The Field A cover system is effective in preventing residential exposure to surface soils above RGs. The cover system maintenance program and LUCs have been effective in maintaining the integrity of the cover system. The annual inspection reports indicate no significant deficiencies.
  - LUCs are effective in preventing human exposure to contaminated groundwater.
  - MNA has shown effectiveness in preventing discharge of contaminated groundwater to surface water. Most surface water results are non-detect. Out of 150 Pen Branch surface water samples and 1,649 analytical results collected since 2002, there have been six non-estimated results for the VOCs monitored at CMP Pits. This number includes detections of PCE, TCE, and cis-1,2-dichloroethylene.
  - Although not widespread throughout CMP Pits, biological processes in the wetland area near Pen Branch are degrading VOCs to degradation products. Cis-1,2-
-

dichloroethylene was detected in 2018 in groundwater at a maximum of 1.5 µg/L, which is below the 70 µg/L MCL. It was not detected in surface water. Vinyl chloride was detected in groundwater during 2018 at a maximum of 0.74 µg/L, which is below the 2 µg/L MCL. Vinyl chloride was not detected in surface water.

The remedial activities are meeting the RGs established for the CMP Pits OU, as discussed in Section IV, by eliminating or controlling all routes of exposure to human health and ecological receptors.

**Are Exposure Assumptions, Toxicity Data, Cleanup Levels, and Remedial Action Objectives still valid?**

The exposure assumptions, toxicity data, cleanup levels, and remedial action objectives used at the time of remedy selection are still valid. There have been no changes in standards or physical conditions of the CMP Pits OU that would affect the protectiveness of the remedy.

**Has any Other Information Come to Light that Could Call into Question the Protectiveness of the Remedy?**

No other information has come to light that could call into question the protectiveness of the remedy.

**VIII. Issues**

No issues have been identified for the CMP Pits OU.

**IX. Recommendations and Follow-up Actions**

No recommendations and follow-up actions have been determined for the CMP Pits OU.

**X. Protectiveness Statement(s)**

The remedy at the CMP Pits OU is protective of human health and the environment.

Exposure pathways that could result in unacceptable risks are being controlled by LUCs to prevent exposure to, or the ingestion of, contaminated soil and groundwater. All threats to the CMP Pits OU are being addressed through physical access controls to prevent

unauthorized entry to SRS (fences, guards, security patrols, etc.), administrative controls that maintain the CMP Pits OU for industrial use only, warning signs, and use restrictions via the SRS Site Use/Site Clearance Program.

## **XI. Next Review**

As shown in Appendix A, Table A-1, the next five-year remedy review for SRS OUs with Groundwater is scheduled for January 2026.

## **XII. Documents Reviewed**

FFA, 1993. *Federal Facility Agreement for the Savannah River Site*, Administrative Docket No. 89-05-FF (Effective Date: August 16, 1993)

SRNS, 2009. *Effectiveness Monitoring Report for the Electrical Resistance Heating (ERH)/ Soil Vapor Extraction (SVE) and Monitored Natural Attenuation (MNA) at the Chemicals, Metals, and Pesticides (CMP) Pits Operable Unit (OU)(U) March 2008 through March 2009*, SRNS-RP-2009-00573, Revision 0, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

SRNS, 2010. *Effectiveness Monitoring Report for the Electrical Resistance Heating (ERH)/ Soil Vapor Extraction (SVE) and Monitored Natural Attenuation (MNA) at the Chemicals, Metals, and Pesticides (CMP) Pits Operable Unit (OU)(U) March 2009 through March 2010*, SRNS-RP-2010-00896, Revision 0, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

SRNS, 2016. *Effectiveness Monitoring Report for the Monitored Natural Attenuation (MNA) at the Chemicals, Metals, and Pesticides (CMP) Pits Operable Unit (OU)(U) March 2015 through March 2016*, SRNS-RP-2016-00316, Revision 0, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

SRNS, 2017a. *Effectiveness Monitoring Report for the Monitored Natural Attenuation (MNA) at the Chemicals, Metals, and Pesticides (CMP) Pits Operable Unit (OU)(U) March 2016 through March 2017*, SRNS-RP-2017-00163, Revision 0, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

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SRNS, 2017b. *Groundwater Flow and Solute Transport Model of the CMP Pits OU (U) Tetra Tech, Inc. Alpharetta, GA*, SRNS-TR-2017-00312, Revision 0, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

SRNS, 2018. *Effectiveness Monitoring Report for the Monitored Natural Attenuation (MNA) at the Chemicals, Metals, and Pesticides (CMP) Pits Operable Unit (OU)(U) March 2017 through March 2018*, SRNS-RP-2018-00397, Revision 0, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

SRNS, 2019. *Effectiveness Monitoring Report for the Monitored Natural Attenuation (MNA) at the Chemicals, Metals, and Pesticides (CMP) Pits Operable Unit (OU)(U) March 2018 through March 2019*, SRNS-RP-2019-00274, Revision 0, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

USDOE, 1996. *Savannah River Site Future Use Project Report*, U.S. Department of Energy, Savannah River Operations Office, Savannah River Site, Aiken, SC

WSRC, 1999a. *Land Use Control Assurance Plan for the Savannah River Site*, WSRC-RP-98-4125, Revision 1.1, latest revision, Savannah River Nuclear Solutions LLC, Savannah River Site, Aiken, SC

WSRC, 1999b. *Interim Record of Decision for the Chemicals, Metals, and Pesticides Pits (080-17G, 080-17.1G, 080-18G, 080-18.1G, 080-18.2G, 080-18.3G, 080-19G) (U)*, WSRC-RP-98-4198, Revision 1.1, Westinghouse Savannah River Company LLC, Savannah River Site, Aiken, SC

WSRC, 2001. *Interim Record of Decision Amendment for the Chemicals, Metals, and Pesticides Pits (080-170G, 080-171G, 080-180G, 080-181G, 080-182G, 080-183G, 080-190G) (U)*, WSRC-RP-2000-4158, Revision 1.2, Westinghouse Savannah River Company LLC, Savannah River Site, Aiken, SC

WSRC, 2002. *Groundwater Modeling for the Chemical, Metals, and Pesticides (CMP) Pits (U)*, WSRC-RP-2002-4195, Revision 0, Westinghouse Savannah River Company LLC, Savannah River Site, Aiken, SC

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WSRC, 2003a. *Interim Record of Decision Amendment for the Chemicals, Metals, and Pesticides Pits-Ballast Area (U)*, WSRC-RP-2001-4232, Revision 1.1, Westinghouse Savannah River Company LLC, Savannah River Site, Aiken, SC

WSRC, 2003b. *RCRA Facility Investigation/Remedial Investigation Addendum with Baseline Risk Assessment for the CMP Pits (U)*, WSRC-RP-2002-4049, Revision 1.1, Westinghouse Savannah River Company LLC, Savannah River Site, Aiken, SC

WSRC, 2003c. *Report on the Effectiveness of the CMP Pits Interim Remedial Action for 2004*, WSRC-RP-2003-4065, Revision 0, Westinghouse Savannah River Company, Savannah River Site, Aiken, SC

WSRC, 2003d. *Treatability Study Final Report for the Enhanced Bioremediation of Soils Contaminated with Pesticides and PCBs at the CMP Pits*, WSRC-RP-2003-4067, Revision 0, Westinghouse Savannah River Company LLC, Savannah River Site, Aiken, SC

WSRC, 2004. *Record of Decision Remedial Alternative Selection for the Chemicals, Metals, and Pesticides Pits Operable Unit (080-170G, 080-171G, 080-180G, 080-181G, 080-182G, 080-183G, and 080-190G) (U)*, WSRC-RP-2004-4090, Revision 1, Westinghouse Savannah River Company LLC, Savannah River Site, Aiken, SC

WSRC, 2005. *Report on the Effectiveness of the CMP Pits Interim Remedial Action for 2004*, WSRC-RP-2005-4050, Revision 0, Westinghouse Savannah River Company, Savannah River Site, Aiken, SC

WSRC, 2006a. *Effectiveness Monitoring Plan for the Electrical Resistance Heating (ERH)/Soil Vapor Extraction (SVE) System and Monitored Natural Attenuation at the Chemicals, Metals, and Pesticides Pits Operable Unit (U)*, WSRC-RP-2005-4077, Revision 1, Washington Savannah River Company, Savannah River Site, Aiken, SC

WSRC, 2006b. *Interim Post-Construction Report (IPCR) for the Chemicals, Metals, and Pesticides (CMP) Pits Operable Unit – Ballast Area (080-170G, 080-171G, 080-180G, 080-181G, 080-182G, 080-183G, 080-190G) (U)*, WSRC-RP-2005-4065, Revision 1, Washington Savannah River Company, Savannah River Site, Aiken, SC

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WSRC, 2007. *Land Use Control Implementation Plan (LUCIP) for the Chemicals, Metals, and Pesticides Pits Operable Unit (080-170G, 080-171G, 080-180G, 080-181G, 080-182G, 080-183G, and 080-190G) (U)*, WSRC-RP-2005-4078, Revision 1, Washington Savannah River Company, Savannah River Site, Aiken, SC

Various - Inspection Data Sheets – *Field Inspection Checklist Chemical, Metal, and Pesticides Pits (U)*, ER-IDS-019-062, Inspection period 2015 through 2019 (annually)



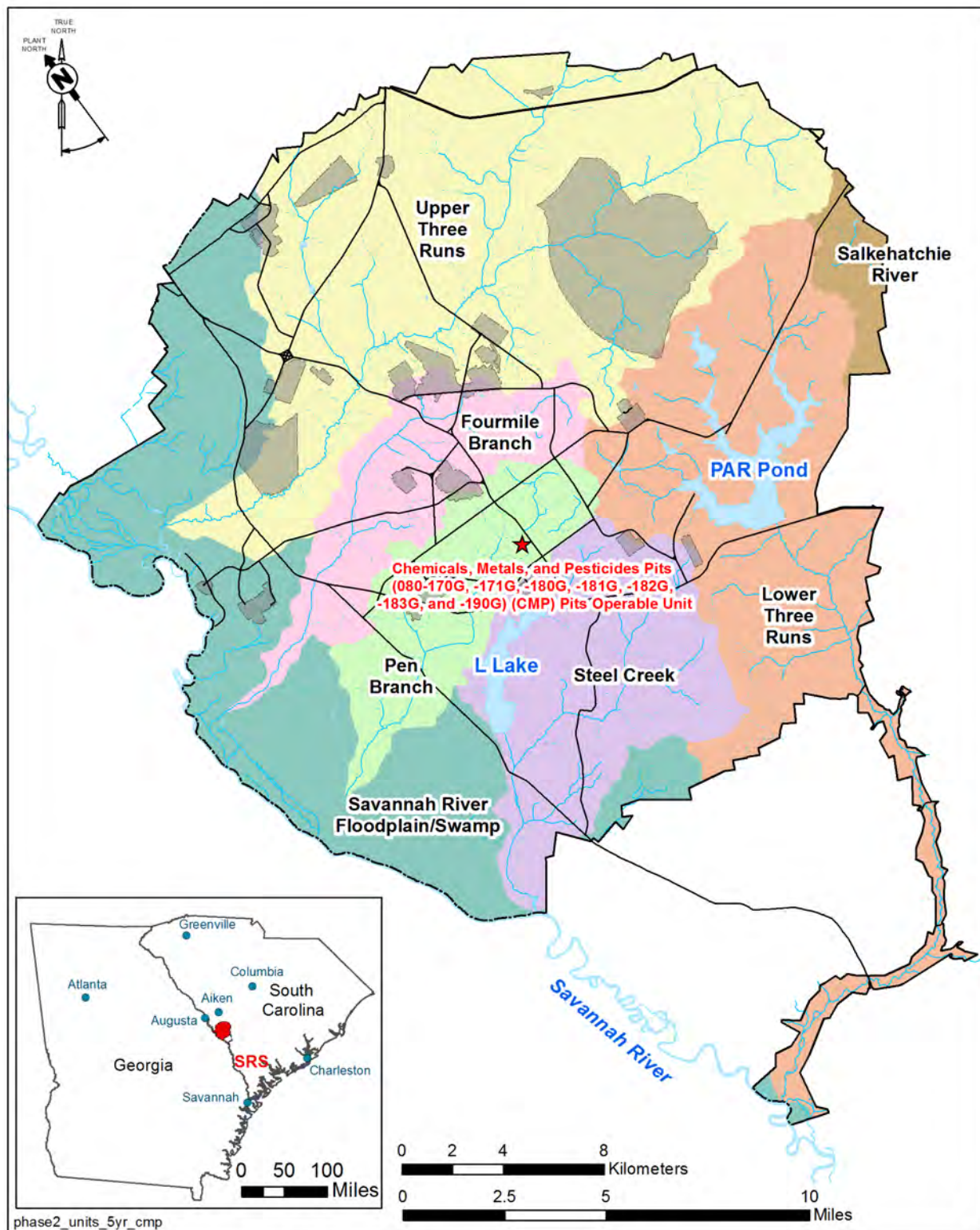


Figure D-1. Location of the CMP Pits OU at SRS

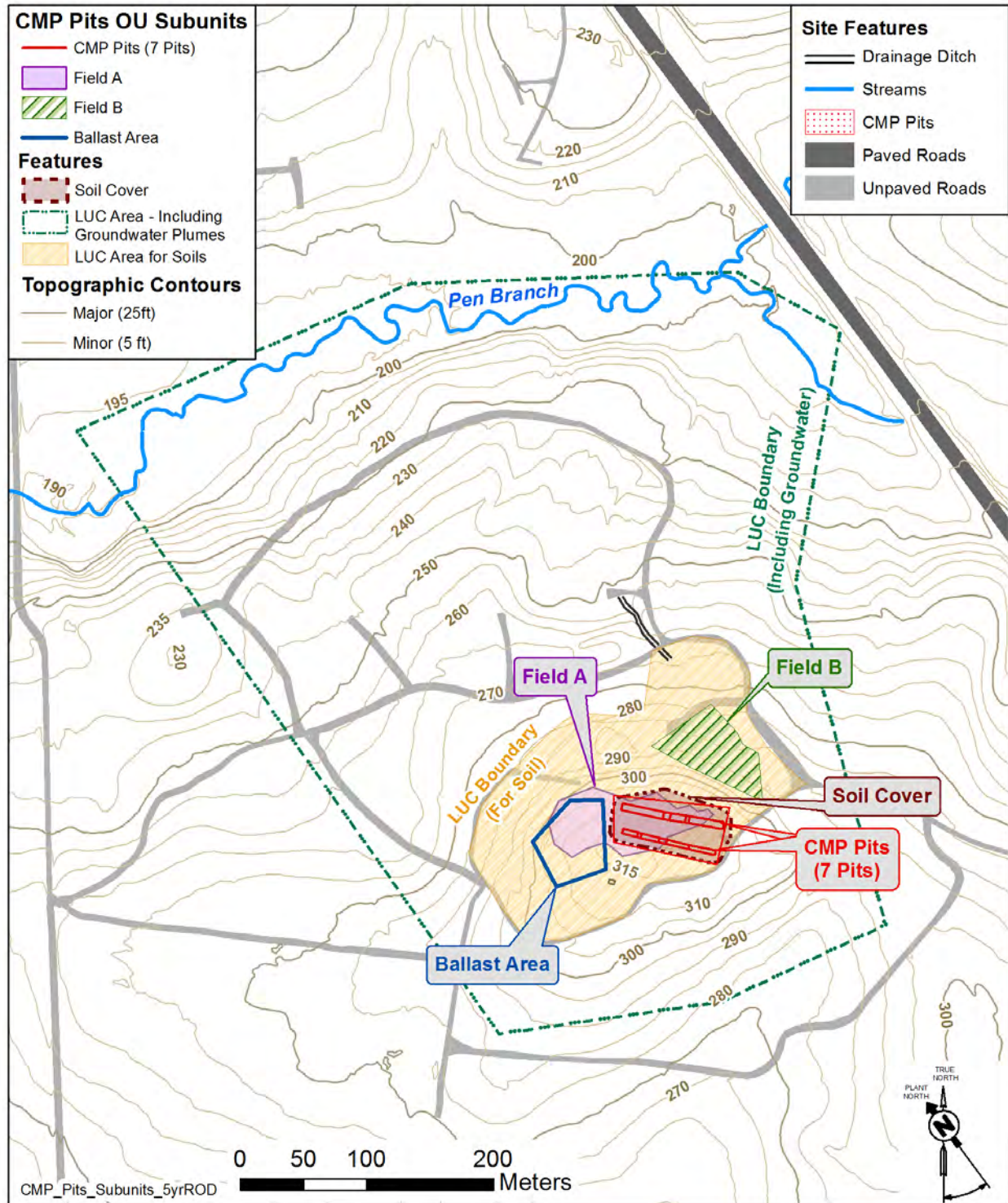


Figure D-2. Layout of the CMP Pits OU



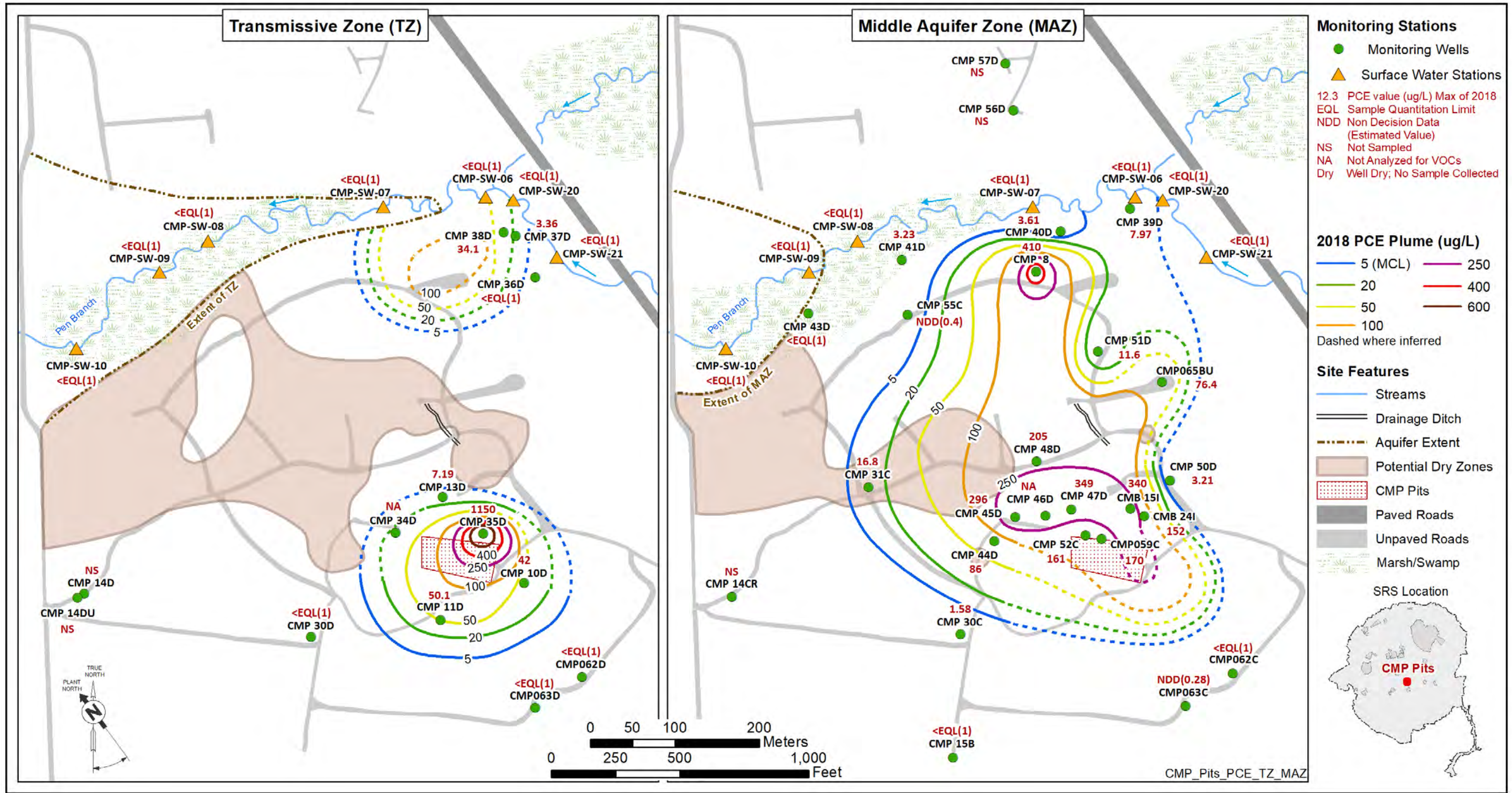


Figure D-3. 2018 PCE Plume in the Transmissive Zone and Middle Aquifer Zone

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Figure D-4. Photo of CMP Pits before Remediation Activities (During Disposal Operation) (early 1980s)





Figure D-5. Photo of CMP Pits (Current) (2019)



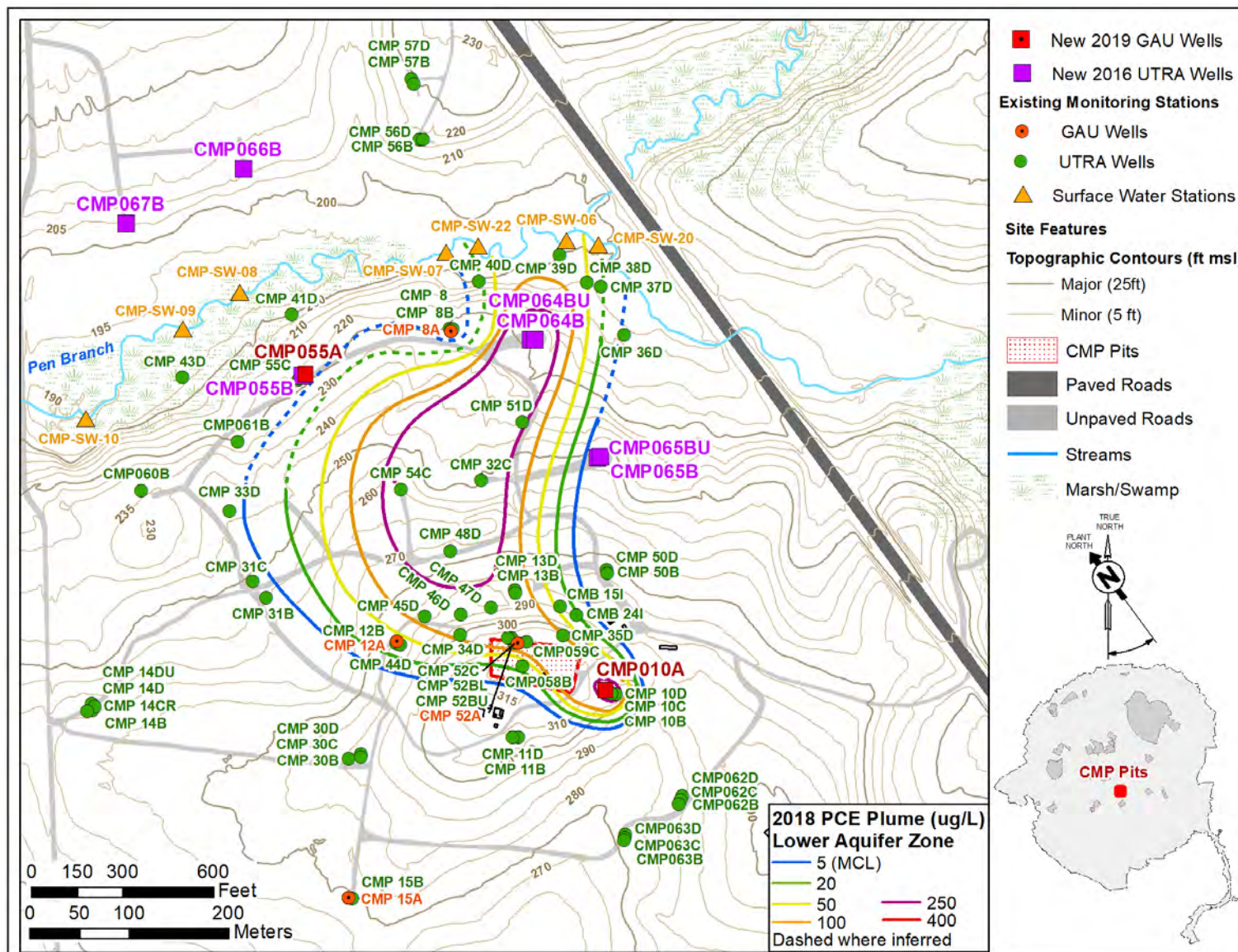


Figure D-6. Locations of Additional Groundwater Investigations in 2016 and 2019 (Lower Aquifer Zone PCE Plume)

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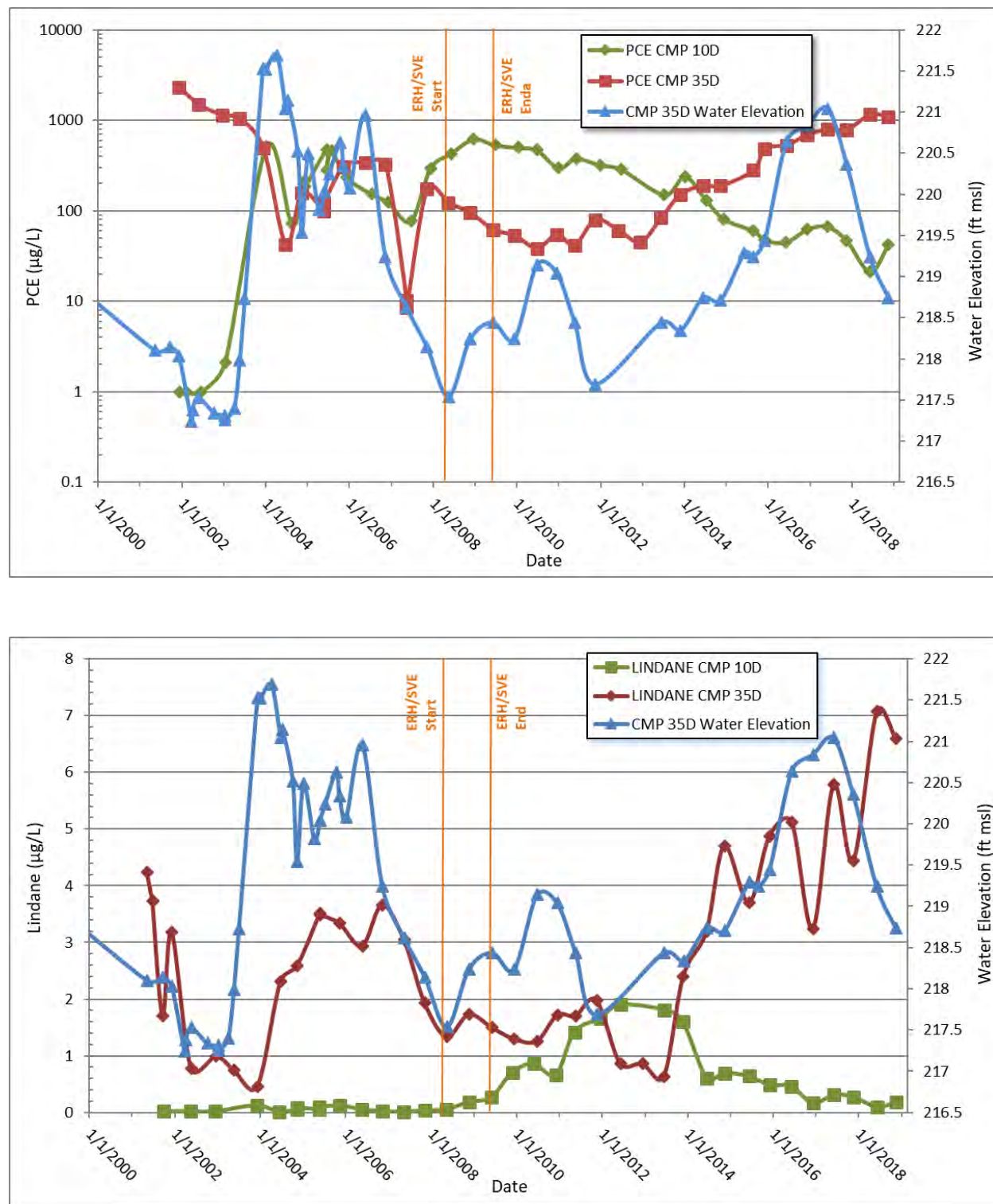


Figure D-7. Comparison of PCE and Lindane Trends in CMP 35D and CMP 10D

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**Table D-1. Chronology of OU Events**

| <b>Event</b>                                            | <b>Date</b>                                                                   |
|---------------------------------------------------------|-------------------------------------------------------------------------------|
| Removal Action (Soil Excavation)                        | 1984                                                                          |
| Remedial Investigation Complete                         | October 1, 1997                                                               |
| Interim ROD Issuance                                    | January 19, 2000                                                              |
| Interim Remedial Action Construction Start / Completion | December 10, 1999 / December 5, 2001                                          |
| Interim Remedial Action Operations Start / Completion   | April 23, 2001 / October 12, 2005                                             |
| First Interim ROD Amendment Issuance                    | April 8, 2002                                                                 |
| Second Interim ROD Amendment Issuance                   | October 21, 2003                                                              |
| ROD Issuance                                            | May 10, 2005                                                                  |
| Remedial Action Construction Start / Completion         | April 6, 2006 / November 7, 2007                                              |
| Remedial Action Operations Start / Completion           | November 2007 / June 28, 2009                                                 |
| Previous Five-Year Remedy Reviews                       | February 12, 2004 / January 28, 2009 /<br>February 4, 2014 / February 2, 2017 |

Table D-2. CMP Pits RCOCs by Medium and Subunit with Final Remedial Goals

| Area/Media of Concern                                    | RCOCs                                            | Type of RCOC |             |    |     | RGs<br>(mg/kg or mg/L) | Final Remedial Goal Basis |
|----------------------------------------------------------|--------------------------------------------------|--------------|-------------|----|-----|------------------------|---------------------------|
|                                                          |                                                  | ARAR         | CM/<br>PTSM | HH | ECO |                        |                           |
| Ballast Area                                             | PCB                                              | ✓            |             |    | ✓   | 1.00E+00               | ARAR                      |
|                                                          | Dieldrin                                         |              |             | ✓  | ✓   | 6.84E-02               | Ecological                |
|                                                          | Endrin                                           |              |             |    | ✓   | 3.97E-02               | Ecological                |
|                                                          | Heptachlor Epoxide                               |              |             |    | ✓   | 2.10E-02               | Ecological                |
|                                                          | Dichlorodiphenyldichloro ethane (DDD)            |              |             |    | ✓   | 2.87E-01               | Ecological                |
|                                                          | Dichlorodiphenyldichloro ethylene (DDE)          |              |             |    | ✓   | 5.54E-01               | Ecological                |
|                                                          | Dichlorodiphenyldichloro trichloroethylene (DDT) |              |             | ✓  | ✓   | 1.62E+00               | Ecological                |
| CMP Pits and Associated Field A Vadose Zone <sup>2</sup> | Dichloromethane                                  |              | ✓           |    |     | 2.48E-02               | Contaminant migration     |
|                                                          | Tetrachloroethylene                              |              | ✓           |    |     | 3.07E+01               | Contaminant migration     |
| Groundwater                                              | Alpha-benzene hexachloride                       |              |             | ✓  |     | 5.33E-06               | Future Resident           |
|                                                          | Beta-benzene hexachloride                        |              |             | ✓  |     | 1.84E-05               | Future Resident           |
|                                                          | Delta-benzene hexachloride                       |              |             | ✓  |     | 1.84E-05               | Future Resident           |
|                                                          | Dieldrin                                         |              |             | ✓  |     | 2.09E-06               | Future Resident           |
|                                                          | Lindane                                          | ✓            |             | ✓  |     | 2.00E-04               | ARAR                      |
|                                                          | Bis(2-ethylhexyl) phthalate                      | ✓            |             | ✓  |     | 6.00E-03               | ARAR                      |
|                                                          | Total Trihalomethanes <sup>1</sup>               | ✓            |             | ✓  |     | 0.80E-01               | ARAR                      |
|                                                          | Carbon Tetrachloride                             | ✓            |             | ✓  |     | 5.00E-03               | ARAR                      |
|                                                          | Dichloromethane                                  | ✓            |             | ✓  |     | 5.00E-03               | ARAR                      |
|                                                          | Tetrachloroethylene (PCE)                        | ✓            |             | ✓  |     | 5.00E-03               | ARAR                      |
|                                                          | Trichloroethylene (TCE)                          | ✓            |             | ✓  |     | 5.00E-03               | ARAR                      |

1. Total Trihalomethanes includes chloroform and bromodichloromethane. Although these constituents are not ARAR COCs (Site concentrations pose a risk but do not exceed the MCL), they do have an MCL that is an ARAR and; as such, is the appropriate final RG.
2. Vadose zone RGs apply anywhere in the vadose zone. The RGs are target values based on available data. During remedial action implementation, vadose zone and groundwater monitoring may indicate that different values may be protective and meet the remedial action objective of preventing migration to groundwater.

**Table D-3. Actual versus Estimated O&M Costs**

|                                              | <b>FY2015</b> | <b>FY2016</b> | <b>FY2017</b>       | <b>FY2018</b> | <b>FY2019</b> | <b>Five-Year<br/>Total</b> |
|----------------------------------------------|---------------|---------------|---------------------|---------------|---------------|----------------------------|
| Total Actual O&M Costs (\$)                  | 334,400       | 146,004       | 101,852             | 88,299        | 89,677        | 760,232                    |
| Total ROD Estimated Direct<br>O&M Costs (\$) | 44,297        | 44,297        | 57,605 <sup>a</sup> | 44,297        | 44,297        | 234,793                    |

a - FY2017 estimated costs include costs associated with the fifth five-year remedy review. Actual costs were accrued in FY2016.

**Table D-4. Comparison of RGs and Groundwater and Surface Water Monitoring Data from 2018**

|                      | <b>RGs</b>             | <b>Groundwater</b>                                                     |                                                      | <b>Surface Water</b>                                 |
|----------------------|------------------------|------------------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|
|                      | <b>MCL<br/>(µg/L)*</b> | <b>2007<br/>(Pre-ERH/SVE)<br/>Maximum<br/>Concentration<br/>(µg/L)</b> | <b>2018<br/>Maximum<br/>Concentration<br/>(µg/L)</b> | <b>2018<br/>Maximum<br/>Concentration<br/>(µg/L)</b> |
| <b>RCOC</b>          |                        |                                                                        |                                                      |                                                      |
| PCE                  | 5.0                    | 1.35E+03                                                               | 1.15E+03                                             | Non Detect                                           |
| TCE                  | 5.0                    | 8.51E+02                                                               | 6.85E+02                                             | Non Detect                                           |
| Lindane              | 0.2                    | 3.05E00                                                                | 7.07E00                                              | Not Analyzed <sup>1</sup>                            |
| Carbon Tetrachloride | 5.0                    | 2.46E+01                                                               | 2.45E+01                                             | Non Detect                                           |
| Dichloromethane      | 5.0                    | 2.09E00                                                                | 2.37E00                                              | Non Detect                                           |
| Bromodichloromethane | 80                     | 1.6E+01                                                                | 9.4E00                                               | Non Detect                                           |
| Chloroform           | 80                     | 3.04E+01                                                               | 2.7E+01                                              | Non Detect                                           |

\* MCL values are based on USEPA values available May 2019.

<sup>1</sup> Lindane is not required to be analyzed in surface water as part of the EMP.

**Table D-5. Ballast Area Enhanced Bioremediation Soil Sample Confirmation Results**

| <b>RCOC</b>                                         | <b>Remedial Goal<br/>(µg/kg)</b> | <b>Maximum Result of Confirmation Samples<br/>(µg/kg)</b> |
|-----------------------------------------------------|----------------------------------|-----------------------------------------------------------|
| PCB                                                 | 1.0E+03                          | 1.92E+02                                                  |
| Dieldrin                                            | 6.84E+01                         | 4.09E+01                                                  |
| Endrin                                              | 4.0E+01                          | 9.06E00                                                   |
| Heptachlor Epoxide                                  | 2.1E+01                          | 8.55E00                                                   |
| Dichlorodiphenyldichloro<br>ethane (DDD)            | 2.87E+02                         | 1.94E+02                                                  |
| Dichlorodiphenyldichloro<br>ethylene (DDE)          | 5.54E+02                         | 4.96E+01                                                  |
| Dichlorodiphenyldichloro<br>trichloroethylene (DDT) | 1.62E+03                         | 3.22E+02                                                  |

**Attachment D-1. Five-Year Review Site Inspection Checklist – Chemicals, Metals, and Pesticides (CMP) Pits (080-170G, -171G, -180G, -181G, -182G, -183G, and -190G) Operable Unit**

| I. SITE INFORMATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                            |                             |                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------|
| <b>Site Name:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Chemicals, Metals, and Pesticides (CMP) Pits (080-170G, -171G, -180G, -181G, -182G, -183G, and -190G) Operable Unit</b> | <b>Date of Inspection:</b>  | 10/22/2019            |
| <b>Location and Region</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | SRS, USEPA Region 4                                                                                                        | <b>EPA ID:</b>              | SEMS #24              |
| <b>Agency, Office, or Company leading the Five-Year Review</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | USDOE                                                                                                                      | <b>Weather/ Temperature</b> | 81°F and partly sunny |
| <b>Remedy Includes:</b> <i>(Click all that apply)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                            |                             |                       |
| <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input checked="" type="checkbox"/> Landfill Cover/Containment<br/> <input type="checkbox"/> Access Controls<br/> <input checked="" type="checkbox"/> Institutional Controls<br/> <input type="checkbox"/> Groundwater Pump and Treatment<br/> <input checked="" type="checkbox"/> Other </div> <div style="width: 50%;"> <input type="checkbox"/> Surface Water Pump and Treatment<br/> <input checked="" type="checkbox"/> Monitored Natural Attenuation<br/> <input type="checkbox"/> Groundwater Containment<br/> <input type="checkbox"/> Vertical Barriers </div> </div> <p><u>Operation with a combination of Electrical Resistance Heating (ERH) and Soil Vapor Extraction (SVE) system (Field A); and passive SVE via BaroBalls™ (Field B) have been concluded. MNA is continuing.</u></p> |                                                                                                                            |                             |                       |
| <b>Attachments:</b> <input type="checkbox"/> Inspection team roster attached <input type="checkbox"/> Inspection team roster attached                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                            |                             |                       |
| II. INTERVIEWS <i>(Click all that apply)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                            |                             |                       |
| <b>1. O&amp;M Site Manager:</b> <u>Brian Hanshaw</u> <u>ACP Field Execution Team 2</u> <u>11/05/2019</u><br><div style="display: flex; justify-content: space-between; font-size: small;"> <span>(Name)</span> <span>(Title)</span> <span>(Date)</span> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                            |                             |                       |
| <b>Interviewed:</b> <input type="checkbox"/> At Site <input checked="" type="checkbox"/> At Office <input type="checkbox"/> By Phone    Phone No.: <u>803-952-4949</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                            |                             |                       |
| <b>Problems/Suggestions:</b> <input type="checkbox"/> Report Attached    _____<br>_____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                            |                             |                       |
| <b>2. O&amp;M Staff:</b> <u>Phil Carter</u> <u>EC&amp;ACP Post Closure Waste Site</u> <u>11/05/2019</u><br><div style="display: flex; justify-content: space-between; font-size: small;"> <span>(Name)</span> <span>Inspector/Maintenance Coord.</span> <span>(Date)</span> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                            |                             |                       |
| <b>Interviewed:</b> <input type="checkbox"/> At Site <input checked="" type="checkbox"/> At Office <input type="checkbox"/> By Phone    Phone No.: <u>803-952-4145</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                            |                             |                       |
| <b>Problems/Suggestions:</b> <input type="checkbox"/> Report Attached    _____<br>_____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                            |                             |                       |

**Attachment D-1. Five-Year Review Site Inspection Checklist – Chemicals, Metals, and Pesticides (CMP) Pits (080-170G, -171G, -180G, -181G, -182G, -183G, and -190G) Operable Unit (continued)**

| II. INTERVIEWS (Click all that apply)(Continued)                                                                                                                                                                                                                                                      |                                                       |                                                |                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------|-----------------------------------------|
| <p><b>3. Local Regulatory Authorities and Response Agencies</b> (i.e., State and tribal offices, emergency response office, police department, office of public health or environmental health, zoning office, recorder of deeds or other city and county offices, etc.). Fill in all that apply.</p> |                                                       |                                                |                                         |
| <p><b>Agency:</b> _____</p>                                                                                                                                                                                                                                                                           |                                                       |                                                |                                         |
| <p><b>Contact:</b> _____<br/> <div style="display: flex; justify-content: space-between; font-size: small;"> <span>(Name)</span> <span>(Title)</span> <span>(Date)</span> <span>(Phone No.)</span> </div> </p>                                                                                        |                                                       |                                                |                                         |
| <p><b>Problems/Suggestions:</b> <input type="checkbox"/> Report Attached _____<br/>           _____</p>                                                                                                                                                                                               |                                                       |                                                |                                         |
| <p><b>Agency:</b> _____</p>                                                                                                                                                                                                                                                                           |                                                       |                                                |                                         |
| <p><b>Contact:</b> _____<br/> <div style="display: flex; justify-content: space-between; font-size: small;"> <span>(Name)</span> <span>(Title)</span> <span>(Date)</span> <span>(Phone No.)</span> </div> </p>                                                                                        |                                                       |                                                |                                         |
| <p><b>Problems/Suggestions:</b> <input type="checkbox"/> Report Attached _____<br/>           _____</p>                                                                                                                                                                                               |                                                       |                                                |                                         |
| <p><b>Agency:</b> _____</p>                                                                                                                                                                                                                                                                           |                                                       |                                                |                                         |
| <p><b>Contact:</b> _____<br/> <div style="display: flex; justify-content: space-between; font-size: small;"> <span>(Name)</span> <span>(Title)</span> <span>(Date)</span> <span>(Phone No.)</span> </div> </p>                                                                                        |                                                       |                                                |                                         |
| <p><b>Problems/Suggestions:</b> <input type="checkbox"/> Report Attached _____<br/>           _____</p>                                                                                                                                                                                               |                                                       |                                                |                                         |
| <p><b>4. Other Interviews (Optional):</b> <input type="checkbox"/> Report Attached _____<br/>           _____<br/>           _____<br/>           _____</p>                                                                                                                                           |                                                       |                                                |                                         |
| III. ONSITE DOCUMENTS & RECORDS VERIFIED (Click all that apply)                                                                                                                                                                                                                                       |                                                       |                                                |                                         |
| <p><b>1. O&amp;M Documents:</b></p>                                                                                                                                                                                                                                                                   |                                                       |                                                |                                         |
| <input type="checkbox"/> O&M Manual                                                                                                                                                                                                                                                                   | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| <input checked="" type="checkbox"/> As-Built Drawings                                                                                                                                                                                                                                                 | <input checked="" type="checkbox"/> Readily Available | <input checked="" type="checkbox"/> Up to Date | <input type="checkbox"/> N/A            |
| <input type="checkbox"/> Maintenance Logs                                                                                                                                                                                                                                                             | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| <p>Remarks: <u>See Waste Unit Inspection and Maintenance, ER-SOP-019, Field Inspection Checklist for Chemical Metal and Pesticides Pits, ER-IDS-019-062.</u></p>                                                                                                                                      |                                                       |                                                |                                         |



**Attachment D-1. Five-Year Review Site Inspection Checklist – Chemicals, Metals, and Pesticides (CMP) Pits (080-170G, -171G, -180G, -181G, -182G, -183G, and -190G) Operable Unit (continued)**

| III. ONSITE DOCUMENTS & RECORDS VERIFIED (Continued)                                                                                                                               |                                                       |                                                |                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------|-----------------------------------------|
| <b>2. Health and Safety Plans (HASPs):</b>                                                                                                                                         |                                                       |                                                |                                         |
| <input type="checkbox"/> Site-Specific Health and Safety Plans                                                                                                                     | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| <input type="checkbox"/> Contingency Plan/Emergency Response Plan                                                                                                                  | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks: Routine O&M activities do not require a Site-Specific Health and Safety Plan (SSHASP) under 29 CFR 1910.1201, Hazardous Waste Operations. A SSHASP is prepared if needed. |                                                       |                                                |                                         |
| <b>3. O&amp;M and OSHA Training Records:</b>                                                                                                                                       |                                                       |                                                |                                         |
|                                                                                                                                                                                    | <input checked="" type="checkbox"/> Readily Available | <input checked="" type="checkbox"/> Up to Date | <input type="checkbox"/> N/A            |
| Remarks: Training Records are complete and up to date per EC&ACP training matrix.                                                                                                  |                                                       |                                                |                                         |
| <b>4. Permits and Service Agreements:</b>                                                                                                                                          |                                                       |                                                |                                         |
| <input checked="" type="checkbox"/> Air Discharge Permit                                                                                                                           | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| <input type="checkbox"/> Effluent Discharge                                                                                                                                        | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| <input type="checkbox"/> Waste Disposal; POTW                                                                                                                                      | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| <input type="checkbox"/> Other Permits                                                                                                                                             | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks:                                                                                                                                                                           |                                                       |                                                |                                         |
| <b>5. Gas Generation Records:</b>                                                                                                                                                  |                                                       |                                                |                                         |
|                                                                                                                                                                                    | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks:                                                                                                                                                                           |                                                       |                                                |                                         |
| <b>6. Settlement Monument Records:</b>                                                                                                                                             |                                                       |                                                |                                         |
|                                                                                                                                                                                    | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks:                                                                                                                                                                           |                                                       |                                                |                                         |
| <b>7. Groundwater Monitoring Records:</b>                                                                                                                                          |                                                       |                                                |                                         |
|                                                                                                                                                                                    | <input checked="" type="checkbox"/> Readily Available | <input checked="" type="checkbox"/> Up to Date | <input type="checkbox"/> N/A            |
| Remarks: Water elevation records only.                                                                                                                                             |                                                       |                                                |                                         |
| <b>8. Leachate Extraction Records:</b>                                                                                                                                             |                                                       |                                                |                                         |
|                                                                                                                                                                                    | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks:                                                                                                                                                                           |                                                       |                                                |                                         |
| <b>9. Discharge Compliance Records:</b>                                                                                                                                            |                                                       |                                                |                                         |
| <input type="checkbox"/> Air                                                                                                                                                       | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| <input type="checkbox"/> Water (Effluent)                                                                                                                                          | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks:                                                                                                                                                                           |                                                       |                                                |                                         |
| <b>10. Daily Access/Security Logs:</b>                                                                                                                                             |                                                       |                                                |                                         |
|                                                                                                                                                                                    | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks:                                                                                                                                                                           |                                                       |                                                |                                         |

**Attachment D-1. Five-Year Review Site Inspection Checklist – Chemicals, Metals, and Pesticides (CMP) Pits (080-170G, -171G, -180G, -181G, -182G, -183G, and -190G) Operable Unit (continued)**

| IV. O&M COSTS                                                                                                                                                                                                                                                                                                                                                                                                         |                     |                       |                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------------------|---------------------------------------------|
| <b>1. O&amp;M Organization:</b><br><div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <input type="checkbox"/> State In-House<br/> <input type="checkbox"/> PRP In-House<br/> <input checked="" type="checkbox"/> Other: <u>SRS</u> </div> <div style="width: 48%;"> <input type="checkbox"/> Contractor for State<br/> <input type="checkbox"/> Contractor for PRP </div> </div> |                     |                       |                                             |
| <b>2. O&amp;M Cost Records:</b><br><div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> Readily Available <input type="checkbox"/> Up to Date <input type="checkbox"/> Funding mechanism/agreement in place </div> <input checked="" type="checkbox"/> Other: <u>Project cost data is summarized in Section IV of this OU-specific review.</u>                                       |                     |                       |                                             |
| <b>Total annual cost by year for review period, if available</b>                                                                                                                                                                                                                                                                                                                                                      |                     |                       |                                             |
| From: _____<br>(Date)                                                                                                                                                                                                                                                                                                                                                                                                 | To: _____<br>(Date) | _____<br>(Total Cost) | <input type="checkbox"/> Breakdown attached |
| From: _____<br>(Date)                                                                                                                                                                                                                                                                                                                                                                                                 | To: _____<br>(Date) | _____<br>(Total Cost) | <input type="checkbox"/> Breakdown attached |
| From: _____<br>(Date)                                                                                                                                                                                                                                                                                                                                                                                                 | To: _____<br>(Date) | _____<br>(Total Cost) | <input type="checkbox"/> Breakdown attached |
| From: _____<br>(Date)                                                                                                                                                                                                                                                                                                                                                                                                 | To: _____<br>(Date) | _____<br>(Total Cost) | <input type="checkbox"/> Breakdown attached |
| From: _____<br>(Date)                                                                                                                                                                                                                                                                                                                                                                                                 | To: _____<br>(Date) | _____<br>(Total Cost) | <input type="checkbox"/> Breakdown attached |
| <b>3. Unanticipated or Unusually High O&amp;M Costs During Review Period</b><br>Describe costs and reasons: <u>N/A</u><br><br><br><br>                                                                                                                                                                                                                                                                                |                     |                       |                                             |
| V. ACCESS AND INSTITUTIONAL CONTROLS <input checked="" type="checkbox"/> Applicable <input type="checkbox"/> N/A                                                                                                                                                                                                                                                                                                      |                     |                       |                                             |
| <b>A. Fencing</b>                                                                                                                                                                                                                                                                                                                                                                                                     |                     |                       |                                             |
| <b>1. Fencing Damage:</b> <input type="checkbox"/> Location shown on site map <input type="checkbox"/> Gates secured <input checked="" type="checkbox"/> N/A<br>Remarks: <u>OU-specific fencing is not required by the remedial action.</u><br><br>                                                                                                                                                                   |                     |                       |                                             |
| <b>B. Signs</b>                                                                                                                                                                                                                                                                                                                                                                                                       |                     |                       |                                             |
| <b>1. Signs and Other Security Measures:</b> <input type="checkbox"/> Location shown on site map <input type="checkbox"/> N/A<br>Remarks: <u>Signs at this site are in good condition.</u><br><br>                                                                                                                                                                                                                    |                     |                       |                                             |

**Attachment D-1. Five-Year Review Site Inspection Checklist – Chemicals, Metals, and Pesticides (CMP) Pits (080-170G, -171G, -180G, -181G, -182G, -183G, and -190G) Operable Unit (continued)**

| V. ACCESS AND INSTITUTIONAL CONTROLS (Continued)                                                                                                  |                                          |                                            |                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------------------------------|-----------------------------------------|
| <b>C. Institutional Controls</b>                                                                                                                  |                                          |                                            |                                         |
| <b>1. Implementation and Enforcement</b>                                                                                                          |                                          |                                            |                                         |
| Site conditions imply ICs are not properly implemented:                                                                                           | <input type="checkbox"/> Yes             | <input checked="" type="checkbox"/> No     | <input type="checkbox"/> N/A            |
| Site conditions imply ICs are not being fully enforced:                                                                                           | <input type="checkbox"/> Yes             | <input checked="" type="checkbox"/> No     | <input type="checkbox"/> N/A            |
| Type of monitoring (e.g., self-reporting, drive-by, etc.)                                                                                         | <u>Walkdown</u>                          |                                            |                                         |
| Frequency:                                                                                                                                        | <u>Once every five years</u>             |                                            |                                         |
| Responsible Party/Agent:                                                                                                                          | <u>USDOE Savannah River Field Office</u> |                                            |                                         |
| Contact:                                                                                                                                          | <u>Karen Adams</u><br>(Name)             | <u>Federal Project Director</u><br>(Title) | <u>12/17/19</u><br>(Date)               |
|                                                                                                                                                   |                                          |                                            | <u>803-952-7871</u><br>(Phone No.)      |
| Reporting is up-to-date:                                                                                                                          | <input checked="" type="checkbox"/> Yes  | <input type="checkbox"/> No                | <input type="checkbox"/> N/A            |
| Reports are verified by the lead agency:                                                                                                          | <input checked="" type="checkbox"/> Yes  | <input type="checkbox"/> No                | <input type="checkbox"/> N/A            |
| Specific requirements in deed or decision documents have been met:                                                                                | <input checked="" type="checkbox"/> Yes  | <input type="checkbox"/> No                | <input type="checkbox"/> N/A            |
| Violations have been reported:                                                                                                                    | <input type="checkbox"/> Yes             | <input type="checkbox"/> No                | <input checked="" type="checkbox"/> N/A |
| Problems/Suggestions:                                                                                                                             | <input type="checkbox"/> Report Attached |                                            |                                         |
| <br>                                                                                                                                              |                                          |                                            |                                         |
| <br>                                                                                                                                              |                                          |                                            |                                         |
| <b>2. Adequacy:</b> <input checked="" type="checkbox"/> ICs are adequate <input type="checkbox"/> ICs are inadequate <input type="checkbox"/> N/A |                                          |                                            |                                         |
| Remarks: <u>Survey monuments were located and in good condition.</u>                                                                              |                                          |                                            |                                         |
| <br>                                                                                                                                              |                                          |                                            |                                         |
| <b>D. General</b>                                                                                                                                 |                                          |                                            |                                         |
| <b>1. Vandalism/Trespassing:</b> <input type="checkbox"/> Location shown on site map <input checked="" type="checkbox"/> No vandalism is evident  |                                          |                                            |                                         |
| Remarks:<br>                                                                                                                                      |                                          |                                            |                                         |
| <br>                                                                                                                                              |                                          |                                            |                                         |
| <b>2. Land use changes onsite:</b> <input checked="" type="checkbox"/> N/A                                                                        |                                          |                                            |                                         |
| Remarks:<br>                                                                                                                                      |                                          |                                            |                                         |
| <br>                                                                                                                                              |                                          |                                            |                                         |
| <b>3. Land use changes offsite:</b> <input checked="" type="checkbox"/> N/A                                                                       |                                          |                                            |                                         |
| Remarks:<br>                                                                                                                                      |                                          |                                            |                                         |
| <br>                                                                                                                                              |                                          |                                            |                                         |

**Attachment D-1. Five-Year Review Site Inspection Checklist – Chemicals, Metals, and Pesticides (CMP) Pits (080-170G, -171G, -180G, -181G, -182G, -183G, and -190G) Operable Unit (continued)**

| VI. GENERAL SITE CONDITIONS                                                                                 |                                                                |                                                                |                                                        |
|-------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------------|
| <b>A. Roads</b> <input checked="" type="checkbox"/> Applicable <input type="checkbox"/> N/A                 |                                                                |                                                                |                                                        |
| <b>1. Roads damaged:</b>                                                                                    | <input checked="" type="checkbox"/> Location shown on site map | <input checked="" type="checkbox"/> Roads adequate             | <input type="checkbox"/> N/A                           |
| Remarks: _____                                                                                              |                                                                |                                                                |                                                        |
| _____                                                                                                       |                                                                |                                                                |                                                        |
| <b>B. Other Site Conditions</b>                                                                             |                                                                |                                                                |                                                        |
| Remarks: _____                                                                                              |                                                                |                                                                |                                                        |
| _____                                                                                                       |                                                                |                                                                |                                                        |
| _____                                                                                                       |                                                                |                                                                |                                                        |
| _____                                                                                                       |                                                                |                                                                |                                                        |
| _____                                                                                                       |                                                                |                                                                |                                                        |
| VII. LANDFILL COVER/CONTAINMENT <input checked="" type="checkbox"/> Applicable <input type="checkbox"/> N/A |                                                                |                                                                |                                                        |
| <b>A. Landfill Surface</b>                                                                                  |                                                                |                                                                |                                                        |
| <b>1. Settlement (Low spots):</b>                                                                           | <input type="checkbox"/> Location shown on site map            | <input checked="" type="checkbox"/> Settlement not evident     |                                                        |
| Areal extent _____                                                                                          | Depth _____                                                    |                                                                |                                                        |
| Remarks: _____                                                                                              |                                                                |                                                                |                                                        |
| _____                                                                                                       |                                                                |                                                                |                                                        |
| <b>2. Cracks:</b>                                                                                           | <input type="checkbox"/> Location shown on site map            | <input checked="" type="checkbox"/> Cracking not evident       |                                                        |
| Lengths _____                                                                                               | Widths _____                                                   | Depths _____                                                   |                                                        |
| Remarks: _____                                                                                              |                                                                |                                                                |                                                        |
| _____                                                                                                       |                                                                |                                                                |                                                        |
| <b>3. Erosion:</b>                                                                                          | <input type="checkbox"/> Location shown on site map            | <input checked="" type="checkbox"/> Erosion not evident        |                                                        |
| Areal extent _____                                                                                          | Depth _____                                                    |                                                                |                                                        |
| Remarks: _____                                                                                              |                                                                |                                                                |                                                        |
| _____                                                                                                       |                                                                |                                                                |                                                        |
| <b>4. Holes:</b>                                                                                            | <input type="checkbox"/> Location shown on site map            | <input checked="" type="checkbox"/> Holes not evident          |                                                        |
| Areal extent _____                                                                                          | Depth _____                                                    |                                                                |                                                        |
| Remarks: _____                                                                                              |                                                                |                                                                |                                                        |
| _____                                                                                                       |                                                                |                                                                |                                                        |
| <b>5. Vegetative Cover:</b>                                                                                 | <input checked="" type="checkbox"/> Grass                      | <input checked="" type="checkbox"/> Cover properly established | <input checked="" type="checkbox"/> No signs of stress |
| Areal extent _____                                                                                          | Depth _____                                                    |                                                                |                                                        |
| Remarks: <u>Vegetation mowed routinely.</u>                                                                 |                                                                |                                                                |                                                        |
| _____                                                                                                       |                                                                |                                                                |                                                        |

**Attachment D-1. Five-Year Review Site Inspection Checklist – Chemicals, Metals, and Pesticides (CMP) Pits (080-170G, -171G, -180G, -181G, -182G, -183G, and -190G) Operable Unit (continued)**

| VII. LANDFILL COVER/CONTAINMENT (Continued)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| <b>6. Alternative Cover (armored rock, concrete, etc.):</b> <input checked="" type="checkbox"/> N/A<br>Remarks: _____<br>_____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |
| <b>7. Bulges:</b> <input type="checkbox"/> Location shown on site map <input checked="" type="checkbox"/> Bulges not evident<br>Areal extent _____ Depth _____<br>Remarks: _____<br>_____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |
| <b>8. Wet Areas / Water Damage:</b> <input checked="" type="checkbox"/> Wet areas/water damage not evident<br><div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> Wet areas<br/> <input type="checkbox"/> Ponding<br/> <input type="checkbox"/> Seeps<br/> <input type="checkbox"/> Soft subgrade               </div> <div> <input type="checkbox"/> Location shown on site map<br/> <input type="checkbox"/> Location shown on site map<br/> <input type="checkbox"/> Location shown on site map<br/> <input type="checkbox"/> Location shown on site map               </div> <div>                 Areal extent _____<br/>                 Areal extent _____<br/>                 Areal extent _____<br/>                 Areal extent _____               </div> </div> Remarks: _____<br>_____ |  |  |
| <b>9. Slope Instability:</b> <input type="checkbox"/> Slides <input type="checkbox"/> Location shown on site map <input checked="" type="checkbox"/> No evidence of slope instability<br>Areal extent _____<br>Remarks: _____<br>_____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |
| <b>B. Benches</b> <input type="checkbox"/> Applicable <input checked="" type="checkbox"/> N/A<br>(Horizontally constructed mounds of earth placed across a steep landfill side slope to interrupt the slope in order to slow down the velocity of surface runoff and intercept and convey the runoff to a lined channel)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
| <b>C. Letdown Channels</b> <input type="checkbox"/> Applicable <input checked="" type="checkbox"/> N/A<br>(Channel lined with erosion control mates, riprap, grout bags, or gabions that descend down the steep side slope of the cover and will allow the runoff water collected by the benches to move off of the landfill cover without creating erosion gullies)                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |

**Attachment D-1. Five-Year Review Site Inspection Checklist – Chemicals, Metals, and Pesticides (CMP) Pits (080-170G, -171G, -180G, -181G, -182G, -183G, and -190G) Operable Unit (continued)**

| VII. LANDFILL COVER/CONTAINMENT (Continued)                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                |                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------|-----------------------------------------|
| <b>D. Cover Penetrations</b>                                                                                                                                                                                                                                                                                                                                                                                                              |  | <input checked="" type="checkbox"/> Applicable | <input type="checkbox"/> N/A            |
| <b>1. Gas Vents:</b> <input type="checkbox"/> Active <input type="checkbox"/> Passive<br><input type="checkbox"/> Properly secured/locked <input type="checkbox"/> Functioning <input type="checkbox"/> Routinely sampled <input type="checkbox"/> Good Condition<br><input type="checkbox"/> Evidence of leakage at penetration <input type="checkbox"/> Needs maintenance <input checked="" type="checkbox"/> N/A<br>Remarks: _____<br> |  |                                                |                                         |
| <b>2. Gas Monitoring Probes:</b><br><input type="checkbox"/> Properly secured/locked <input type="checkbox"/> Functioning <input type="checkbox"/> Routinely sampled <input type="checkbox"/> Good Condition<br><input type="checkbox"/> Evidence of leakage at penetration <input type="checkbox"/> Needs maintenance <input checked="" type="checkbox"/> N/A<br>Remarks: _____<br>                                                      |  |                                                |                                         |
| <b>3. Monitoring Wells:</b><br><input checked="" type="checkbox"/> Properly secured/locked <input checked="" type="checkbox"/> Functioning <input checked="" type="checkbox"/> Routinely sampled <input checked="" type="checkbox"/> Good Condition<br><input type="checkbox"/> Evidence of leakage at penetration <input type="checkbox"/> Needs maintenance <input type="checkbox"/> N/A<br>Remarks: _____<br>                          |  |                                                |                                         |
| <b>4. Leachate Extraction Wells:</b><br><input type="checkbox"/> Properly secured/locked <input type="checkbox"/> Functioning <input type="checkbox"/> Routinely sampled <input type="checkbox"/> Good Condition<br><input type="checkbox"/> Evidence of leakage at penetration <input type="checkbox"/> Needs maintenance <input checked="" type="checkbox"/> N/A<br>Remarks: _____<br>                                                  |  |                                                |                                         |
| <b>5. Settlement Monuments:</b> <input type="checkbox"/> Located <input type="checkbox"/> Routinely Surveyed <input checked="" type="checkbox"/> N/A<br>Remarks: _____<br>                                                                                                                                                                                                                                                                |  |                                                |                                         |
| <b>E. Gas Collection and Treatment</b>                                                                                                                                                                                                                                                                                                                                                                                                    |  | <input type="checkbox"/> Applicable            | <input checked="" type="checkbox"/> N/A |
| <b>F. Cover Drainage Layer</b>                                                                                                                                                                                                                                                                                                                                                                                                            |  | <input type="checkbox"/> Applicable            | <input checked="" type="checkbox"/> N/A |
| <b>G. Detention/Sedimentation Ponds</b>                                                                                                                                                                                                                                                                                                                                                                                                   |  | <input type="checkbox"/> Applicable            | <input checked="" type="checkbox"/> N/A |
| <b>H. Retaining Walls</b>                                                                                                                                                                                                                                                                                                                                                                                                                 |  | <input type="checkbox"/> Applicable            | <input checked="" type="checkbox"/> N/A |

**Attachment D-1. Five-Year Review Site Inspection Checklist – Chemicals, Metals, and Pesticides (CMP) Pits (080-170G, -171G, -180G, -181G, -182G, -183G, and -190G) Operable Unit (continued)**

| VII. LANDFILL COVER/CONTAINMENT (Continued)                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| <b>I. Perimeter Ditches/Offsite Discharge</b> <input checked="" type="checkbox"/> Applicable <input type="checkbox"/> N/A                                                                                                                                                                                                                                                                                                                             |  |  |  |
| <b>1. Siltation:</b> <input type="checkbox"/> Location shown on site map <input checked="" type="checkbox"/> Siltation not evident<br>Areal extent _____ Depth _____<br>Remarks: _____<br>_____                                                                                                                                                                                                                                                       |  |  |  |
| <b>2. Vegetative Growth:</b> <input type="checkbox"/> Location shown on site map <input type="checkbox"/> N/A<br><input checked="" type="checkbox"/> Vegetation does not impede flow<br>Areal extent _____ Type _____<br>Remarks: _____<br>_____                                                                                                                                                                                                      |  |  |  |
| <b>3. Erosion:</b> <input type="checkbox"/> Location shown on site map <input checked="" type="checkbox"/> Erosion not evident<br>Areal extent _____ Depth _____<br>Remarks: _____<br>_____                                                                                                                                                                                                                                                           |  |  |  |
| <b>4. Discharge Structure:</b> <input type="checkbox"/> Location shown on site map <input checked="" type="checkbox"/> N/A<br>Remarks: _____<br>_____                                                                                                                                                                                                                                                                                                 |  |  |  |
| VIII. VERTICAL BARRIER WALLS <input type="checkbox"/> Applicable <input checked="" type="checkbox"/> N/A                                                                                                                                                                                                                                                                                                                                              |  |  |  |
| IX. GROUNDWATER/SURFACE WATER REMEDIES <input checked="" type="checkbox"/> Applicable <input type="checkbox"/> N/A                                                                                                                                                                                                                                                                                                                                    |  |  |  |
| <b>A. Groundwater Extraction Wells, Pumps, and Pipelines</b> <input type="checkbox"/> Applicable <input checked="" type="checkbox"/> N/A                                                                                                                                                                                                                                                                                                              |  |  |  |
| <b>B. Surface Water Collection Structures, Pumps, and Pipelines</b> <input type="checkbox"/> Applicable <input checked="" type="checkbox"/> N/A                                                                                                                                                                                                                                                                                                       |  |  |  |
| <b>C. Treatment System</b> <input type="checkbox"/> Applicable <input checked="" type="checkbox"/> N/A                                                                                                                                                                                                                                                                                                                                                |  |  |  |
| <b>D. Monitoring Data</b> <input checked="" type="checkbox"/> Applicable <input type="checkbox"/> N/A                                                                                                                                                                                                                                                                                                                                                 |  |  |  |
| <b>1. Monitoring Data:</b><br><input checked="" type="checkbox"/> Is routinely submitted on time <input checked="" type="checkbox"/> Is of acceptable quality                                                                                                                                                                                                                                                                                         |  |  |  |
| <b>2. Monitoring Data Suggests:</b><br><input checked="" type="checkbox"/> Groundwater plume is effectively contained <input checked="" type="checkbox"/> Contaminant concentrations are declining                                                                                                                                                                                                                                                    |  |  |  |
| <b>E. Monitored Natural Attenuation</b> <input checked="" type="checkbox"/> Applicable <input type="checkbox"/> N/A                                                                                                                                                                                                                                                                                                                                   |  |  |  |
| <b>1. Monitoring Wells (natural attenuation remedy):</b><br><input checked="" type="checkbox"/> Properly secured/locked <input checked="" type="checkbox"/> Functioning <input checked="" type="checkbox"/> Routinely sampled <input checked="" type="checkbox"/> Good condition<br><input checked="" type="checkbox"/> All required wells located <input type="checkbox"/> Needs maintenance <input type="checkbox"/> N/A<br>Remarks: _____<br>_____ |  |  |  |

**Attachment D-1. Five-Year Review Site Inspection Checklist – Chemicals, Metals, and Pesticides (CMP) Pits (080-170G, -171G, -180G, -181G, -182G, -183G, and -190G) Operable Unit (continued)**

| X. OTHER REMEDIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| If there are remedies applied at the site, which are not covered above, attach an inspection sheet describing the physical nature and condition of any facility associated with the remedy. An example would be soil vapor extraction.                                                                                                                                                                                                                                                                                                                     |                                                                             |
| <b>A. Soil Vapor Extraction System</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <input type="checkbox"/> Applicable <input checked="" type="checkbox"/> N/A |
| XI. OVERALL OBSERVATIONS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                             |
| <b>A. Implementation of the Remedy</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                             |
| Describe issues and observations relating to whether the remedy is effective and functioning as designed. Begin with a brief statement of what the remedy is to accomplish (i.e., to contain contaminant plume, minimize infiltration and gas emissions, etc.).                                                                                                                                                                                                                                                                                            |                                                                             |
| <u>The remedial action for CMP Pits groundwater is MNA and LUCs to prevent exposure to contaminated groundwater above MCLs; the selected remedy for the Ballast Area is LUCs to prevent direct contact to PCB-contaminated soils above concentrations of 1 mg/kg. A combination of ERH to remove DNAPL and operation of the SVE system for Source Area (Field A) and of the passive soil vapor extraction system via BaroBalls™ for Source Area (Field B) have concluded their operation. The remedy is fully established and functioning as designed.</u> |                                                                             |
| <b>B. Adequacy of O&amp;M</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                             |
| Describe issues and observations related to the implementation and scope of O&M procedures. In particular, discuss their relationship to the current and long-term protectiveness of the remedy.                                                                                                                                                                                                                                                                                                                                                           |                                                                             |
| <u>The O&amp;M procedures consisting of annual (2015-2019) site inspections and site maintenance (repair of erosion damage, cover maintenance, and warning signs) and site controls (SRS Site Use and Site Clearance Programs, which restrict invasive and permanent installation activities at the waste unit) have been implemented. The O&amp;M procedures are adequately maintaining the CMP Pits OU and the condition of its warning signs is good. There are no issues requiring corrective actions.</u>                                             |                                                                             |
| <b>C. Early Indicators of Potential Remedy Failure</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                             |
| Describe issues and observations such as unexpected changes in the cost or scope of O&M or a high frequency of unscheduled repairs that suggest that the protectiveness of the remedy may be compromised in the future.                                                                                                                                                                                                                                                                                                                                    |                                                                             |
| <u>N/A</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                             |
| <u></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                             |
| <u></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                             |
| <b>D. Opportunities for Optimization</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                             |
| Describe possible opportunities for optimization in monitoring tasks or the operation of the remedy.                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                             |
| <u>N/A</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                             |
| <u></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                             |
| <u></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                             |
| <u></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                             |

*End of Checklist*



## **D-AREA OIL SEEPAGE BASIN (631-G) OPERABLE UNIT**

### **I. Introduction**

This report is the sixth five-year remedy review for the D-Area Oil Seepage Basin (631-G) (DOSB) Operable Unit (OU). DOSB currently meets unrestricted land use criteria for soils, sediment, and surface water. However, groundwater contaminants at the DOSB OU are at levels that do not allow for unlimited use and unrestricted exposure. The review was conducted from August 2019 through November 2019. The purpose of this review is to determine whether the remedy in place at the DOSB OU is protective of human health and the environment. This report documents the results of the review.

### **II. Operable Unit Chronology**

Table E-1 lists the chronology of site events for the DOSB OU.

### **III. Background**

The DOSB OU is a Resource Conservation Recovery Act (RCRA)/Comprehensive Environmental Response, Compensation, and Liability Act unit listed in Appendix C of the Federal Facility Agreement (FFA) for the Savannah River Site (SRS) (FFA 1993). The media associated with this OU is groundwater.

#### **Physical Characteristics**

The DOSB OU is located within SRS in a clearing, approximately 1.6 km (1 mi) north of the coal-fired D-Area Powerhouse (484-D) and approximately 3 km (1.9 mi) from the nearest SRS boundary, the Savannah River (Figure E-1). The DOSB was constructed in 1952 as a series of unlined trenches to dispose of waste oil products. The DOSB is approximately 114.9 m (383 ft) long by 32.4 m (108 ft) wide and 2.4 m (8 ft) deep (Figure E-2). During an interim remedial action (IRA) conducted at the unit, the trenches were found to be continuous, without noticeable berms, and were constructed as a series of adjacent trenches along the back half of the clearing.

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The groundwater beneath the DOSB is included in the OU. The DOSB is on the Ellenton Plain along the Savannah River at an elevation of 45 m (150 ft) above mean sea level (msl). The terrain is flat, with no discernible slope or relief, and is surrounded by a mature forest of hardwoods and softwoods. The water table ranges from approximately 1.2 to 4.8 m (4 to 16 ft) below ground surface (bgs) in the area of the DOSB. The water table aquifer system in this area is composed of the sands of Dry Branch, Santee, and Clinchfield Formations and is in the lower aquifer zone (LAZ) of the Upper Three Runs Aquifer (UTRA). Locally, the LAZ of the UTRA is subdivided into three aquifer zones: AQ1, AQ2, and AQ3. The Gordon Aquifer Unit (GAU) lies beneath the Gordon Confining Unit. The Gordon Confining Unit is below the LAZ. Surface drainage is to the southwest, toward the Savannah River, which is at an elevation of 25.5 m (85 ft) msl. The closest surface water feature is a Carolina bay, a natural wetland located adjacent to the unit to the west (Figure E-2). The Carolina bay appears to be dry during the summer months or periods of little to no precipitation, but it may contain surface water during wet seasons. Other wetlands exist approximately 75 m (250 ft) south of the unit (Figure E-2). The major local surface water drainage system is the Savannah River and associated swamps, located approximately 2.6 km (1.6 mi) west of the unit (Figure E-1). Upper Three Runs Creek, a tributary to the Savannah River, is located 2.6 km (1.6 mi) to the north-northwest, and Fourmile Branch, another tributary, is located 2.4 km (1.5 mi) to the south-southeast (Figure E-1).

### **Land and Resource Use**

According to the *Savannah River Site Future Use Project Report* (USDOE 1996), residential uses of the SRS land should be prohibited. *The Land Use Control Assurance Plan for the Savannah River Site* (WSRC 1999a) designates the DOSB OU as being within an industrial area. The future land use for the DOSB OU is reasonably anticipated to remain industrial with the U.S. Department of Energy (USDOE) maintaining control of the land.

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### **History of Contamination**

Prior to SRS ownership, the DOSB area was primarily used for agriculture. In 1952, the DOSB trenches began receiving waste oils and fluids from A-Area and other areas at SRS which were unacceptable for incineration in the 400-D powerhouse boilers. The waste was periodically burned along with general office and cafeteria waste. There is no evidence that the DOSB received radioactive waste. Figure E-3 is a photograph of one of the trenches during its operational period. In 1975, the basin was removed from service and backfilled with soil. The basin remained inactive and covered with natural vegetation, including bushes and grasses. During a limited scope characterization in 1993, 58 buried 55-gallon drums suspected to contain hazardous substances were discovered.

### **Initial Response**

A preliminary unit evaluation and a unit reconnaissance were performed in August 1988. Since the preliminary unit evaluation concluded that the unit had received hazardous substances, a unit screening investigation was implemented, and field investigations conducted between 1988 and 1994. The field investigations involved soil borings, surface geophysics, well and piezometer installation, and groundwater sampling.

Groundwater and soil sampling were performed in 1996 as part of the RCRA Facility Investigation/Remedial Investigation (RFI/RI). The investigation revealed soils contamination in the trenches and a plume of volatile organic compounds (VOCs) in the groundwater. The RFI/RI Report and the Baseline Risk Assessment (BRA) Report for the DOSB (WSRC 1997a) identified eight VOCs as final constituents of concern (COCs): benzene, 1,1-dichloroethylene (DCE), total 1,2-DCE, cis-1,2-dichloroethylene (cDCE), dichloromethane, tetrachloroethylene (PCE), trichloroethylene (TCE), and vinyl chloride (VC). An IRA (WSRC 1995) was implemented in 1996 and included:

- Removing drums, debris, and principal threat source material (PTSM), transferring drum contents into new drums, and properly disposing of all hazardous and non-hazardous materials.

- Backfilling, grading, and seeding the basin in accordance with the Remedial Design/Remedial Action Work Plan (WSRC 1996). The DOSB was graded and seeded to ensure stormwater would runoff to minimize water infiltration and to minimize erosion.
- Installing and testing a biological treatment system (i.e., bioventing system) to volatilize the contaminants in the soil and enhance the aerobic degradation of the contaminants in the soil.

### **Basis for Taking Action**

The potential exposure to or ingestion of groundwater contaminated above maximum contaminant levels (MCLs) poses a potential increased risk of cancer to human receptors and is the basis for taking action at the DOSB OU. Although shallow groundwater aquifers at SRS are not used as drinking water sources, the potential for unacceptable human exposure to contaminated groundwater exists as long as contaminants remain at levels above MCLs.

## **IV. Remedial Actions**

### **Remedy Selection**

As stated in the Record of Decision (ROD) (WSRC 1998), the selected remedy for the DOSB OU is monitored natural attenuation (MNA)/groundwater mixing zone (GWMZ) with institutional controls. The ROD identifies COCs for groundwater only because the remedial action objectives (RAOs) for deep soil were achieved by the IRA. Methylene chloride was initially identified as a soil COC, but concentrations were reduced to levels that would not leach to groundwater above the MCLs through the IRA. For this reason, methylene chloride was not identified as a final COC for deep soils in the ROD. In addition, no COCs were identified for shallow soil, surface water, and sediment during the RFI/RI and BRA (WSRC 1997a). Remedial goals (RGs) for groundwater COCs were determined to be equivalent to their respective MCL values in all monitoring wells. The groundwater contaminants at the DOSB OU and their corresponding RGs are provided in Table E-2. The RAOs for the groundwater are:

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- Reduce risk to human health associated with dermal contact and ingestion of groundwater and inhalation of groundwater vapor; and
- Restore groundwater to achieve applicable or relevant and appropriate requirements (ARARs) and RGs.

As stated in the ROD (WSRC 1998), the selected remedial action is as follows:

- DOSB deep soils - No Further Action since RAOs were achieved by the IRA and bioventing testing;
- DOSB shallow soil, surface water and sediment – No Action because no COCs in those media were identified in the RFI/RI Report and BRA; and
- DOSB groundwater - MNA/GWMZ with institutional controls.

Natural attenuation mechanisms such as biodegradation, flushing, volatilization, adsorption, and hydrolysis would continue to reduce contaminant concentrations in the groundwater to acceptable levels. The source of groundwater contamination (i.e., DOSB soil) no longer contributes to groundwater contamination as a result of the interim action and bioventing test.

### **Remedy Implementation**

The final remedial action consisted of the following activities:

- Accepting the interim actions of removing 612 m<sup>3</sup> (800 yd<sup>3</sup>) of debris, including 58 drums, and treating 9,371 m<sup>3</sup> (12,250 yd<sup>3</sup>) of deep basin soils as final actions;
  - Establishing an MNA/GWMZ by implementing a compliance groundwater monitoring program in accordance with the Corrective Measures Implementation/Remedial Design/Remedial Design Report/Remedial Action Work Plan (WSRC 1999b);
  - Establishing institutional controls to control unauthorized access to DOSB groundwater including site control of groundwater well installations through existing SRS procedures, the existing SRS security controls and perimeter fences and use of restrictions via the SRS Site Use/Site Clearance Program; and
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- Establishing land use controls (LUCs) for 9.35 hectares (23.04 acres) (WSRC 1997b).

Figure E-4 is a current photograph of the OU in 2018.

### **Systems Operations/Operation and Maintenance**

There are no system operational requirements at the DOSB OU. DOSB currently meets unrestricted land use criteria for soils, sediment, and surface water. However, groundwater contaminants at the DOSB OU are at levels that do not allow for unlimited use and unrestricted exposure. LUCs are in place for the groundwater. Therefore, annual site inspections and maintenance (e.g., repair of erosion damage, cover maintenance, removal of trees and warning signs) are not required for soils, sediment, and surface water. Site inspections are performed for the monitoring wells and the Five-Year Remedy Review Reports.

For DOSB groundwater, a compliance groundwater monitoring program has been established to demonstrate compliance with MCLs at the compliance boundary and compliance with the mixing zone contaminant levels (MZCLs) at the plume wells as required by the GWMZ application and the ROD. All monitoring and reporting are in accordance with the GWMZ application (SRNS 2009).

The ROD estimated operations and maintenance (O&M) costs associated with the selected remedy for DOSB has a present worth of \$299,000, which was discounted at 5% per year for 30 years of maintenance activities (WSRC 1998). The estimated O&M costs applicable to Fiscal Year (FY) 2015 through FY2019 are \$16,666, which is the estimated cost of writing the five-year remedy review. The actual O&M cost from FY2015 until FY2019 is \$269,817. The actual O&M costs (Table E-3) are higher than expected because groundwater monitoring and reporting costs have continued beyond FY2009 as estimated in the ROD. Additionally, the ROD estimate was based on monitoring twelve locations for VOC analyses, while 23 wells are monitored for VOC analyses and additional natural attenuation field parameters.

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## **V. Progress Since Last Review**

This is the sixth five-year remedy review for the DOSB OU. The previous protectiveness statement concluded that because the remedial actions at DOSB OU are protective, the DOSB OU is protective of human health and the environment.

Due to the presence of chlorinated solvents at DOSB OU, the potential that 1,4-dioxane could be present in groundwater exists, because it was often added to chlorinated solvents as a stabilizer and corrosion inhibitor. A recommendation was made in the previous five-year remedy review to sample for 1,4-dioxane at the DOSB (SRNS 2016). The presence of 1,4-dioxane is not likely to change the protectiveness of the remedial action that includes LUCs (at a minimum), which consequently renders the exposure pathway to human receptors incomplete. SRS performed a historical review of groundwater data for the DOSB OU resulting in a single sampling event of five individual DOB wells in 1991 (two wells) and 2006 (three wells). The results indicated 1,4-dioxane was not detected. Per the fifth five-year remedy review recommendation, all wells were sampled for 1,4-dioxane during the second quarters of 2016, 2017, and 2018 (SRNS 2018). 1,4-Dioxane was only detected in three of the monitoring wells (DOB 15, DOL2, and DOB 16). Results from these wells are shown in Figure E-15. 1,4-Dioxane will continue to be sampled at wells DOB 15, DOL 2, and DOB 16 to collect sufficient trend data. There is currently no MCL for 1,4-dioxane, but the current U. S. Environmental Protection Agency (USEPA) tap water regional screening level is 0.46 µg/L.

## **VI. Five-Year Review Process**

The following tasks were performed as part of the review:

- Reviewed documents listed in Section XII, Documents Reviewed;
  - Confirmed effective operation of the implemented remedial actions;
  - Reviewed the groundwater data to determine the suitability of the mixing zone in evaluating whether MNA will foster reaching MCLs for the COCs in the DOSB groundwater;
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- Inspected the OU, interviewed maintenance personnel and documented the results on the Inspection Checklist provided in Attachment E-1 with the purpose of assessing the protectiveness of the remedy and the functionality of the access controls; and
- Reviewed changes in standards and to-be-considered guidance.

### ***Data Review***

For evaluating the MNA/GWMZ effectiveness, recent groundwater data from 2014 through 2018, the Revision 1.5 to the groundwater mixing zone application (SRNS 2009), the RFI/RI with BRA report (WSRC 1997a), and the annual mixing zone report for 2017 (SRNS 2018), which includes time series plots and hydrographs, were reviewed.

Per the flow and transport modeling effort (WSRC-RP-2004-4104, Revision 0, September 2004), the contaminated plumes were simulated for 50-years with no continuing sources contributing to groundwater contamination (consistent with source removal in 1996). The model predicted that PCE, TCE, DCE, and VC concentrations in the plume would be below their respective MCLs in 2027. Per the *2017 Annual Mixing Zone Monitoring Report for the D-Area Oil Seepage Basin (631-G) (U)* (SRNS 2018), groundwater contaminant data continues to exist within the parameters predicted in the modeling.

In order to evaluate the remainder of the contaminants and the effectiveness of the MNA remedy, the data were reviewed from several perspectives. The 1996 plume maps (WSRC 1997a) for PCE, TCE, and VC were compared with the 2014 and 2018 plume maps (USDOE 2015 and USDOE 2019) (Figures E-5 through E-12). PCE was below the MCL (5 µg/L) in all wells at the DOSB in 2018. Therefore, a plume map was not created for PCE in 2018. The following were determined from this review:

- Concentrations of PCE in the AQ1/2, AQ3, and GAU aquifers continue to slowly decrease or remain similar to concentrations from previous sampling (Figures E-5 and E-6). The most recent data at the DOSB shows that PCE did not exceed the MCL (5µg/L) at any wells;
  - Concentrations of TCE in the AQ1/2, AQ3, and GAU aquifers appear to slowly decrease compared to concentrations from previous sampling. The TCE plume in AQ3
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continues to slowly decrease or remain similar compared to concentrations from previous sampling. Those concentrations that exceed the TCE MCL (5 µg/L) are less than the MZCL (200 µg/L);

- The VC 2 µg/L contour in the AQ1/2 aquifer appears relatively stable with little movement downgradient. Concentrations in AQ1/2 continue to decrease compared to results from previous sampling. No detects of VC are found in the GAU. Those concentrations that exceed the VC MCL (2 µg/L) are less than the MZCL (147 µg/L).

In terms of evaluating VOC concentrations of parent to daughter compounds, concentrations of PCE verses TCE and TCE verses cDCE were compared (Figures E-13 and E-14). As shown in Figure E-14, monitoring well data with the highest VOC concentrations demonstrates a significant change from parent to daughter VOCs over time. Alternatively, the wells with relatively low VOC concentrations tend to have relatively constant ratios of the parent and daughter VOC concentrations (Figure E-13). These results suggest that when the groundwater is contaminated with significant concentrations of VOCs, degradation occurs rapidly. However, when the VOC concentrations are low, the degradation rate is low. Figures E-13 and E-14 indicate that degradation from PCE to TCE and TCE to cDCE is occurring in the groundwater at the DOSB OU.

As stated in the GWMZ application (SRNS 2009), reductive dechlorination is not considered a continuous viable process at DOSB. At SRS, groundwater aquifers are normally depleted in natural carbon. However, petroleum hydrocarbons and chlorinated solvents were co-disposed with PCE and TCE at the DOSB (1952 to 1975), which provided an “optimum” situation for the reductive dechlorination of PCE and TCE in groundwater. Biodegradation of PCE and TCE likely occurred in the vadose zone, but the water table is shallow at the DOSB (2.4 to 4.5 m [8 to 15 ft] bgs). Thus, the pathway to groundwater is relatively short. At the DOSB, past biogeochemical zonation may have included reductive dechlorination zones near the source, followed by oxidative degradation of vinyl chloride at some point downgradient. Over time and with the source removal/treatment of DOSB (1995 to 1997), the concentrations of PCE and TCE have significantly declined, as well as the concentrations of the petroleum hydrocarbons themselves.

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The co-disposal of petroleum hydrocarbons provided a ready carbon source for biological degraders, and the presence of degradation products (cDCE and VC) in the plume wells suggest that past biodegradation has effectively degraded the parent compounds. Since the source of the carbon has become depleted, groundwater has reverted to natural aerobic conditions in the existing carbon-poor environment. Overall, data do not show reductive dechlorination as a viable process. However, it is possible that reductive dechlorination is still occurring at the DOSB in discrete zones near the source and in “pockets” along the centerline of the plume. Natural attenuation at the DOSB relies mainly on physical processes (dispersion/dilution), except for aerobic degradation of vinyl chloride.

The 2018 natural attenuation field parameters (pH, oxidation-reduction potential [ORP], dissolved oxygen [DO], and alkalinity) are shown in Table E-4. For evaluation, trends for pH, ORP, DO, and alkalinity sampled between 2000 and 2006 are compared to the 2018 data as discussed below.

In terms of pH, wells sampled between 2000 and 2006 had values of pH ranging from 3.5 to 7.8 while the 2018 data (Table E-4) show pH values ranging from 4.3 to 7. The pH of groundwater has an effect on the presence and activity of microbial populations in groundwater. This is especially true for methanogens. Microbes capable of degrading chlorinated aliphatic hydrocarbons and petroleum hydrocarbons generally prefer pH values ranging from 6 to 8; however, the majority of the higher pH levels occur at wells further downgradient from the VOC plumes

Data regarding ORP show that wells sampled between 2000 and 2006 had ORP values ranging from -30 to 600, while the 2018 data show ORP values ranging from 15 to 331 mV. The ORP of groundwater is an indicator of the relative tendency of a solution to accept or transfer electrons. Redox reactions in groundwater containing organic compounds are usually biologically mediated, and therefore, the ORP of a groundwater system depends upon and influences rates of biodegradation. In addition, ORP is important because some biological processes operate only within a prescribed ORP range. Reductive dechlorination typically occurs at an ORP range of -200 to 50; however, 21 of the 22

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groundwater measurements were above this range with the majority of them above 150 mV.

With regard to DO, wells sampled between 2000 and 2006 had DO values ranging from 0 to 8.4 mg/L; while the 2018 data show DO values ranging from 1.55 to 6.18 mg/L. DO is the most thermodynamically favored electron acceptor used by microbes for the biodegradation of organic carbon, whether natural or anthropogenic. Anaerobic bacteria generally cannot function at DO concentrations greater than 0.5 mg/L, hence reductive dechlorination will not occur. DO concentrations decrease during aerobic respiration.

For alkalinity, wells sampled between 2000 and 2006 had values ranging from 0 to 180 mg/L, while the 2018 data show alkalinity values from 0 to 75 mg/L. There were 8 out of 23 measurements that were 0 mg/L. There is a positive correlation between zones of microbial activity and increased alkalinity. Increases in alkalinity result from the dissolution of rock driven by the production of CO<sub>2</sub> produced by the metabolism of microorganisms. Alkalinity is important in the maintenance of groundwater pH because it buffers the groundwater against acids generated during both aerobic and anaerobic biodegradation. However, the biodegradation of organic compounds does not generate enough acid to impact the pH of groundwater.

In summary, the 2018 DOSB OU groundwater plumes have minimally changed and sampling data obtained during 2018 confirms that the existing GWMZ boundaries are adequate and continue to enclose the DOSB OU plumes.

### ***Summary of Inspections and Interviews***

Interviews were conducted with Phil Carter, O&M staff member, and with Brian Hanshew, O&M Site Manager, on November 5, 2019 at the O&M organization offices. No issues were identified for the DOSB OU during these interviews. The DOSB was inspected by Savannah River Nuclear Solutions, LLC (SRNS) Environmental Compliance and Area Completion Projects (EC&ACP) on October 17, 2019. No issues were identified during these interviews.

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The DOSB OU was inspected by SRNS EC&ACP and USDOE personnel on December 17, 2019; no issues were identified for the DOSB OU during this inspection.

A site inspection was conducted by USEPA and South Carolina Department of Health and Environmental Control personnel, accompanied by USDOE and SRNS personnel February 27, 2020. No significant problems regarding this OU were identified during the inspection.

## **VII. Technical Assessment**

### **Is the Remedy Functioning as Intended by the Decision Document?**

The remedies selected for the DOSB OU are functioning as intended as demonstrated below:

- The selected remedy component of LUCs is effective in preventing human exposure to groundwater above MCLs. The Land Use Control Implementation Plan for the DOSB is discussed in Appendix B of the Corrective Measures Implementation/Remedial Design/Remedial Design Report/Remedial Action Workplan and governs LUC implementation, maintenance, monitoring, reporting and enforcement of LUCs (WSRC 1999b). All LUC objectives are being met.
- Review of documents, ARARs, risk assumptions, and results of the site inspection indicate that the remedy is functioning as intended by the ROD. The low concentration of contaminants, shrinking plumes, and relatively short half-lives indicate the MNA/GWMZ will be effective in restoring groundwater to ARARs and RGs. The timeframe for reaching RGs may be optimistic due to the effect of matrix diffusion.

As stated in the ROD (WSRC 1998), the following conditions at the DOSB support that the selected remedy is adequate to meet the RGs within a reasonable timeframe:

- The source of contamination at the DOSB was removed during the IRA in conjunction with the biovent testing and is no longer contributing to groundwater contamination;
  - Naturally occurring mechanisms will continue to reduce contaminant concentrations;
  - There are no receptors of groundwater at the DOSB; therefore, the potential for exposure is low;
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- The UTRA aquifer is limited in thickness and yield, and the groundwater is not targeted for residential or commercial use; therefore, projected demand for future groundwater use is low; and
- Modeling indicates that contaminant concentrations in the DOSB groundwater would be reduced to below MCLs prior to reaching surface water.

Institutional controls (i.e., LUCs) are effective in preventing exposure to groundwater and its vapor. The DOSB currently meets unrestricted land use criteria for soils, sediment, and surface water. Site inspections are performed for the monitoring wells and the Five-Year Remedy Review Reports. The results of the inspection for this five-year remedy review indicate the controls are effective and no problems have occurred. The original gate and fencing around the DOSB perimeter, although still present, is not required. The fencing is a holdover from previous operations.

#### **Are the Exposure Assumptions, Toxicity Data, Cleanup Levels, and Remedial Action Objectives Still Valid?**

The exposure assumptions, toxicity data, cleanup levels, and RAOs used at the time of remedy selection are still valid except for the arsenic MCL. At the time of the ROD issuance, the MCL for arsenic was 50 µg/L. This value was changed in 2001 to 10 µg/L. There have been no changes in standards or physical conditions of the DOSB OU that would affect the protectiveness of the remedy.

#### **Has Any Other Information Come to Light that Could Call into Question the Protectiveness of the Remedy?**

No other information has come to light that could call into question the protectiveness of the remedy.

### **VIII. Issues**

There are no issues related to current site operations, conditions, or activities that currently prevent the remedy for the DOSB OU from being protective.

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**IX. Recommendations and Follow-up Actions**

There are no recommendations or follow-up actions for the DOSB OU.

**X. Protectiveness Statement(s)**

The remedy at the DOSB OU is protective of human health and the environment.

Exposure pathways that could result in unacceptable risks are being controlled by institutional controls (i.e., LUCs) to prevent exposure to or ingestion of contaminated groundwater. All threats to contaminated groundwater at the DOSB OU have been addressed through implementation of MNA/GWMZ, physical access controls to prevent unauthorized entry to SRS (fences, guards, security patrols, etc.), administrative controls that maintain the DOSB OU for industrial use only and use restrictions via the SRS Site Use/Site Clearance Program.

**XI. Next Review**

As shown in Appendix A, Table A-1, the next five-year remedy review for SRS OUs with Groundwater Remedies is scheduled for January 2026.

**XII. Documents Reviewed**

FFA, 1993. *Federal Facility Agreement for the Savannah River Site*, Administrative Docket No. 89-05-FF (Effective Date: August 16, 1993)

SRNS, 2009. *Groundwater Mixing Zone Application for the D-Area Oil Seepage Basin (631-G) (U)*, WSRC-RP-97-422, Revision 1.5, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

SRNS, 2016. *Fifth Five-Year Remedy Review Report for Savannah River Site Operable Units with Groundwater Remedies (U)*, Aiken, South Carolina, SRNS-RP-2015-00419, Revision 1, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

USDOE, 1996. *Savannah River Site Future Use Project Report*, U.S. Department of Energy, Savannah River Operations Office, Savannah River Site, Aiken, SC

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SRNS, 2016. *Fifth Five-Year Remedy Review Report for Savannah River Site Operable Units with Groundwater Remedies (U)*, Aiken, South Carolina, SRNS-RP-2015-00419, Revision 1, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

USDOE, 1996. *Savannah River Site Future Use Project Report*, U.S. Department of Energy, Savannah River Operations Office, Savannah River Site, Aiken, SC

SRNS, 2018. *2017 Groundwater Mixing Zone Monitoring Report for the D-Area Oil Seepage Basin (631-G) (U)*, SRNS-RP-2018-00647, Revision 0, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

USDOE, 2015. *2011 D-Area Oil Seepage Basin (631-G) Groundwater Mixing Zone Letter Report for Calendar Year 2014 Data*, CERCLIS Number: 27, IACD-15-164, U.S. Department of Energy, Savannah River Operations Office, Aiken, SC

USDOE, 2019. *Calendar Year 2018 D-Area Oil Seepage Basin Operable Unit (631-G) Groundwater Mixing Zone Letter Report (U)*, SEMS Number: 27, IACD-19-175 U.S. Department of Energy, Savannah River Operations Office, Aiken, SC

WSRC, 1995. *Interim Action Record of Decision/ Remedial Alternative Selection (U) D-Area Oil Seepage Basin*, WSRC-RP-93-1550, Revision 1, Westinghouse Savannah River Company, Savannah River Site, Aiken, SC

WSRC, 1996. *Remedial Design/Remedial Action Work Plan for the D-Area Oil Seepage Basin (U)*, WSRC-RP-94-1287, Revision 1.3, Westinghouse Savannah River Company, Savannah River Site, Aiken, SC

WSRC, 1997a. *RCRA Facility Investigation/Remedial Investigation Report and the Baseline Risk Assessment Report for the D-Area Oil Seepage Basin (631-G) (U)*, WSRC-RP-96-154, Revision 1.1, Westinghouse Savannah River Company, Savannah River Site, Aiken, SC

WSRC, 1997b. *Post Construction Report for D-Area Oil Seepage Basin Interim Action (U)*, WSRC-RP-00859, Revision 1, Westinghouse Savannah River Company, Savannah River Site, Aiken, SC

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WSRC, 1997c. *Evaluation of D-Area Oil Seepage Basin Bioventing Optimization Test Sediment Samples Data*, WSRC-TR-97-00399, Westinghouse Savannah River Company, Savannah River Site, Aiken, SC

WSRC, 1998. *Record of Decision Remedial Alternative Selection for the D-Area Oil Seepage Basin (631-G) (U)*, WSRC-RP-97-402, Revision 1, Westinghouse Savannah River Company, Savannah River Site, Aiken, SC

WSRC, 1999a. *Land Use Control Assurance Plan for the Savannah River Site*, WSRC-RP-98-4125, Revision 1.1, March 2013, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

WSRC, 1999b. *Corrective Measures Implementation/Remedial Design/Remedial Design Report/Remedial Action Work Plan (CMI/RD/RDR/RAWP) for the D-Area Oil Seepage Basin (631-G) (U) (includes Land Use Control Implementation Plan)*, WSRC-RP-99-4006, Revision 1, Westinghouse Savannah River Company, Savannah River Site, Aiken, SC

WSRC, 1999c. *Sixth Semi-Annual Groundwater Monitoring Report for the D-Area Oil Seepage Basin Interim Remedial Action (U)*, WSRC-RP-99-4207, Revision 0, Westinghouse Savannah River Company, Savannah River Site, Aiken, SC.



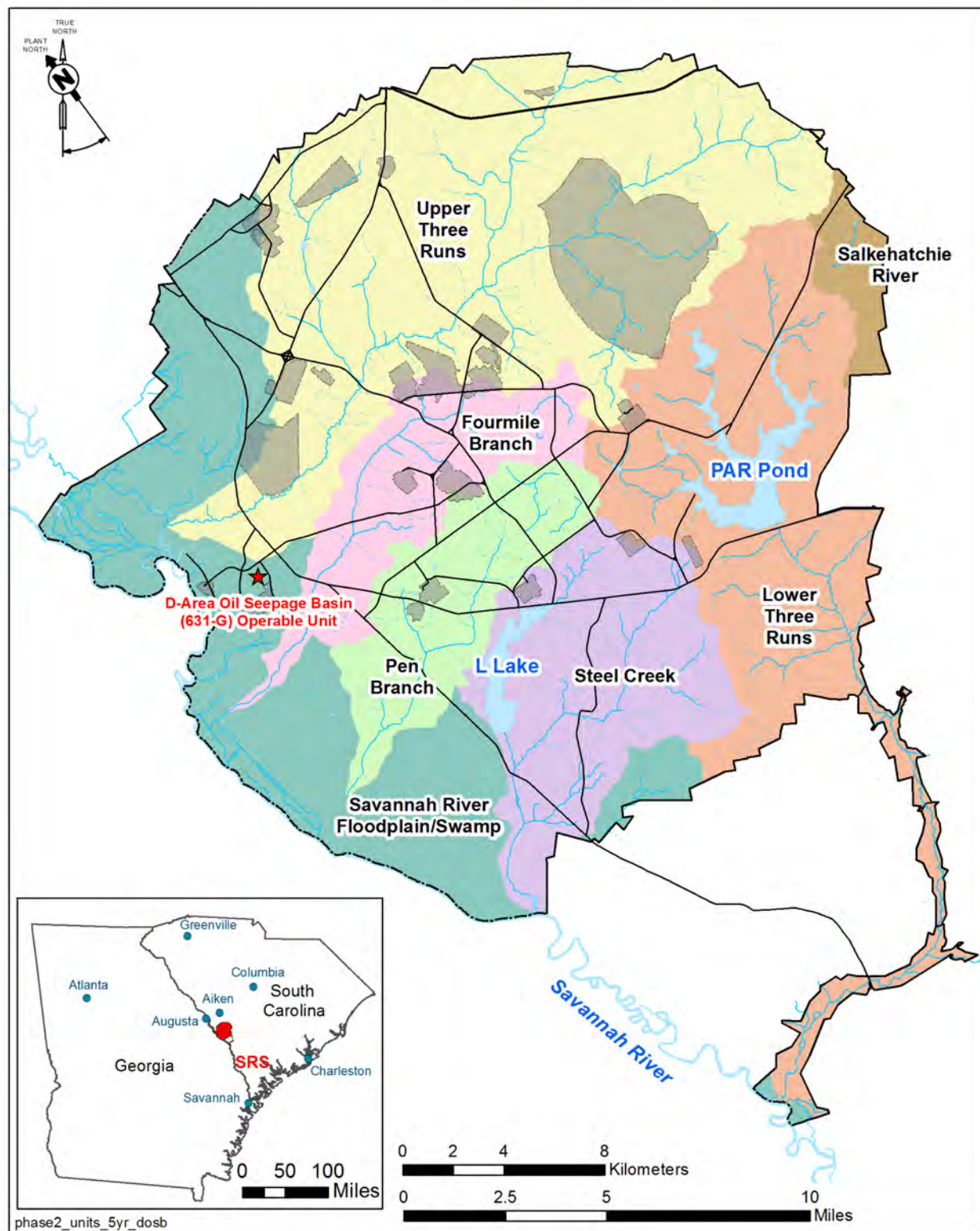


Figure E-1. Location of the D-Area Oil Seepage Basin Operable Unit within SRS

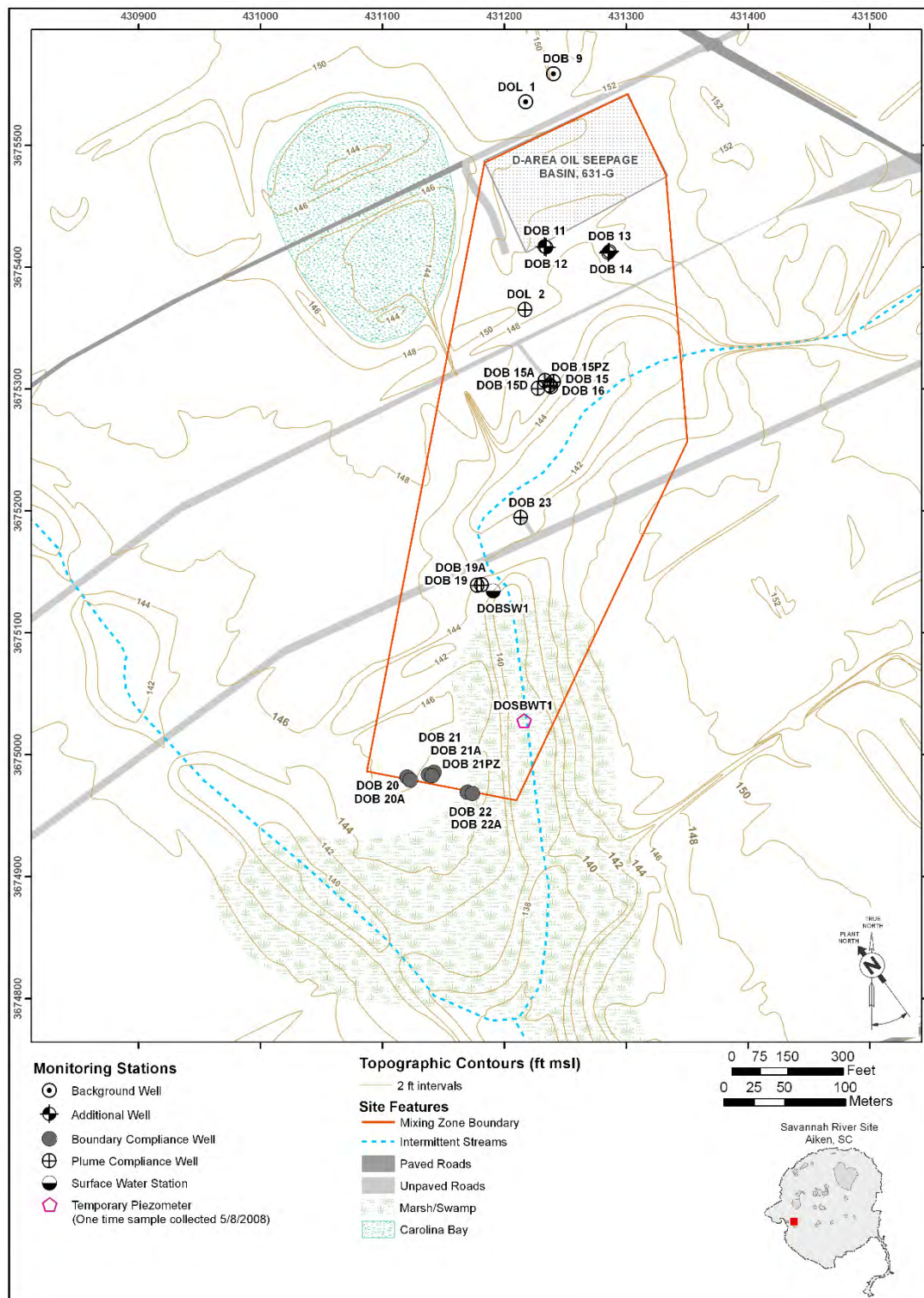


Figure E-2. D-Area Oil Seepage Basin Monitoring Well Location Map





**Figure E-3. Photo of the D-Area Oil Seepage Basins Prior to 1975 Backfill Operations**



**Figure E-4. Current (2018) Photograph of the DOSB**

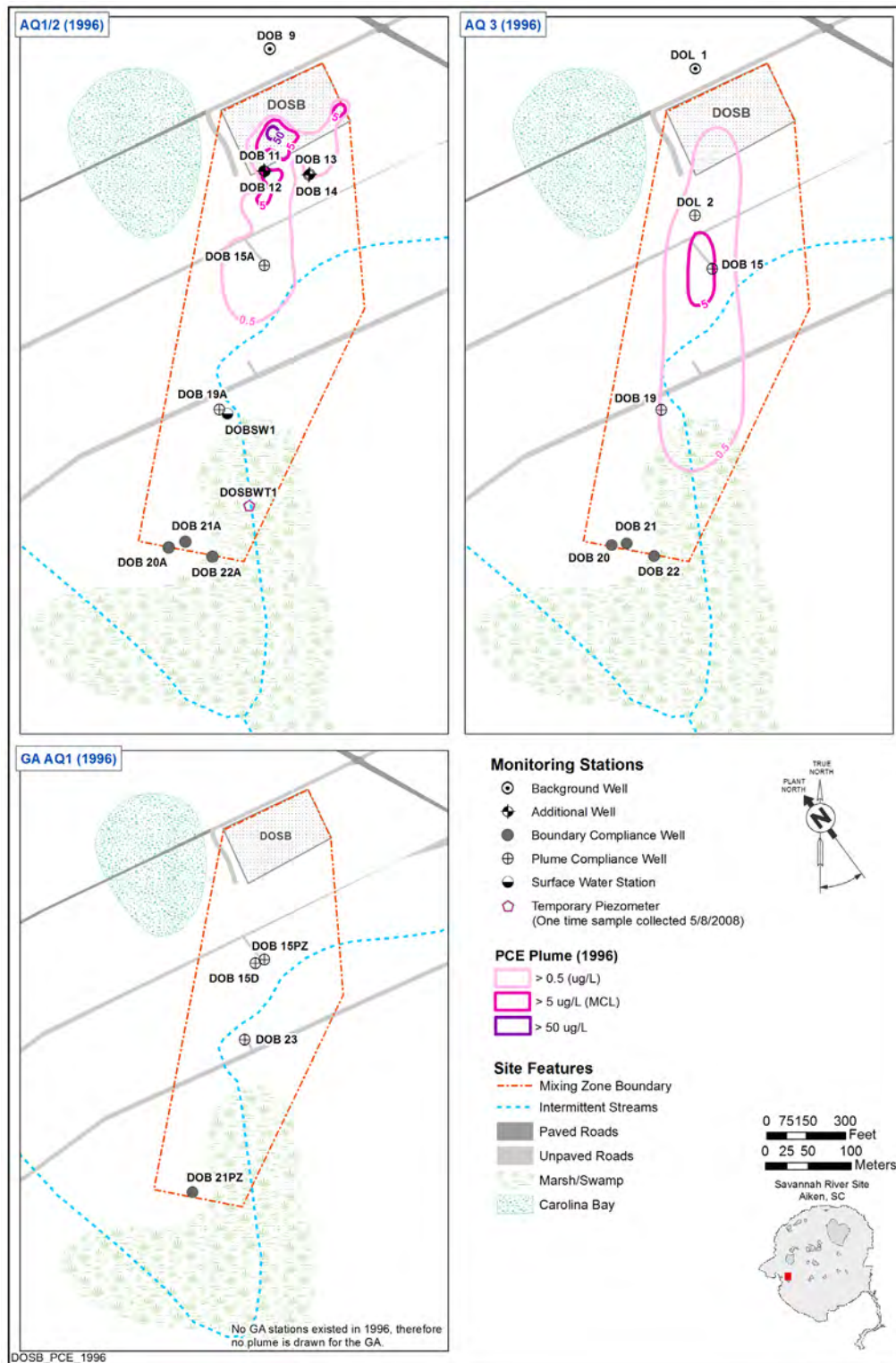


Figure E-5. DOSB PCE plume maps (1996 data) for Aquifers AQ1/2, AQ3, and GA-AQ1 (WSRC 1997a)

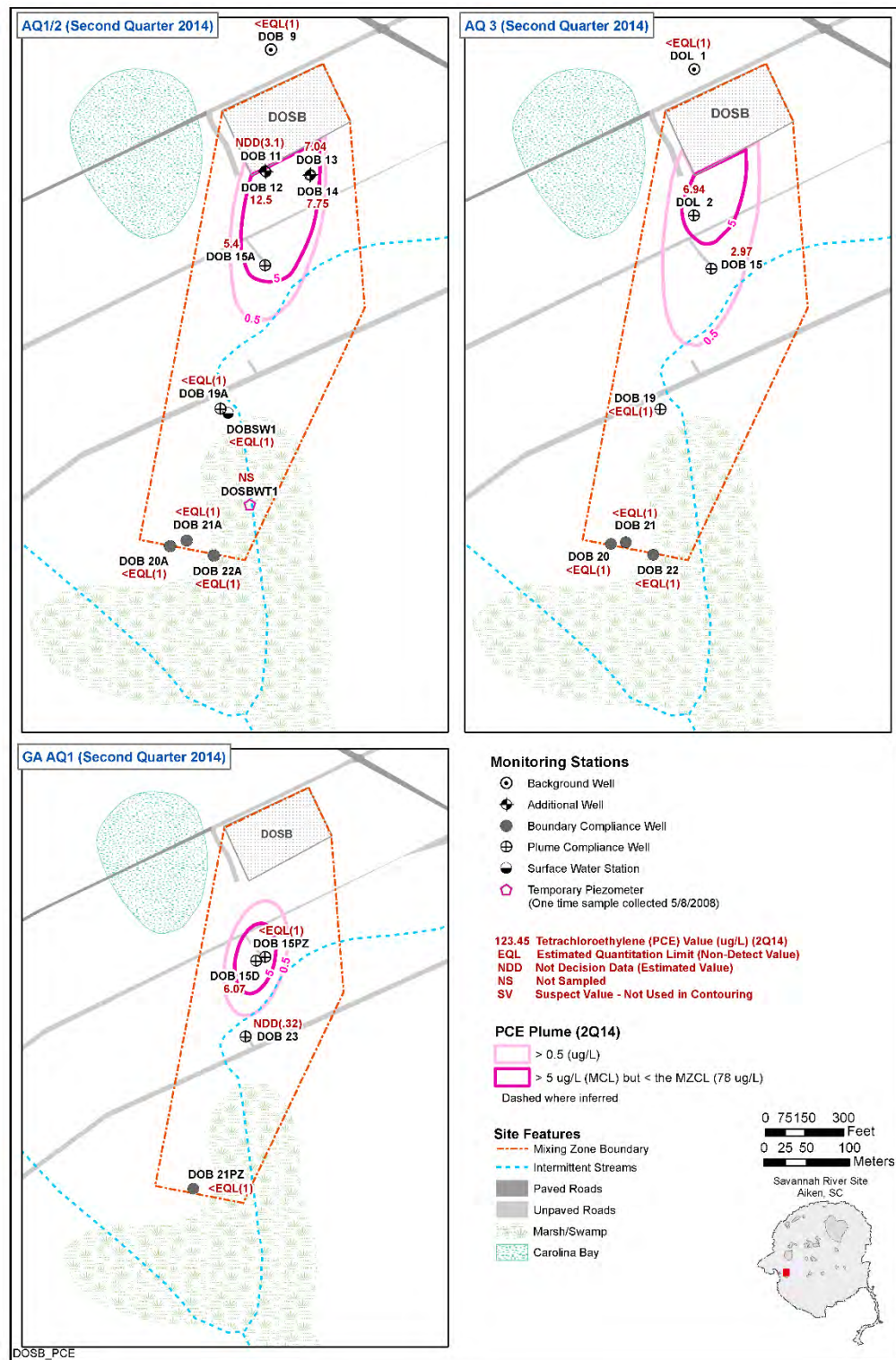


Figure E-6. DOSB PCE plume maps (2014 data) for Aquifers AQ1/2, AQ3, and GA-AQ1 (USDOE 2015)



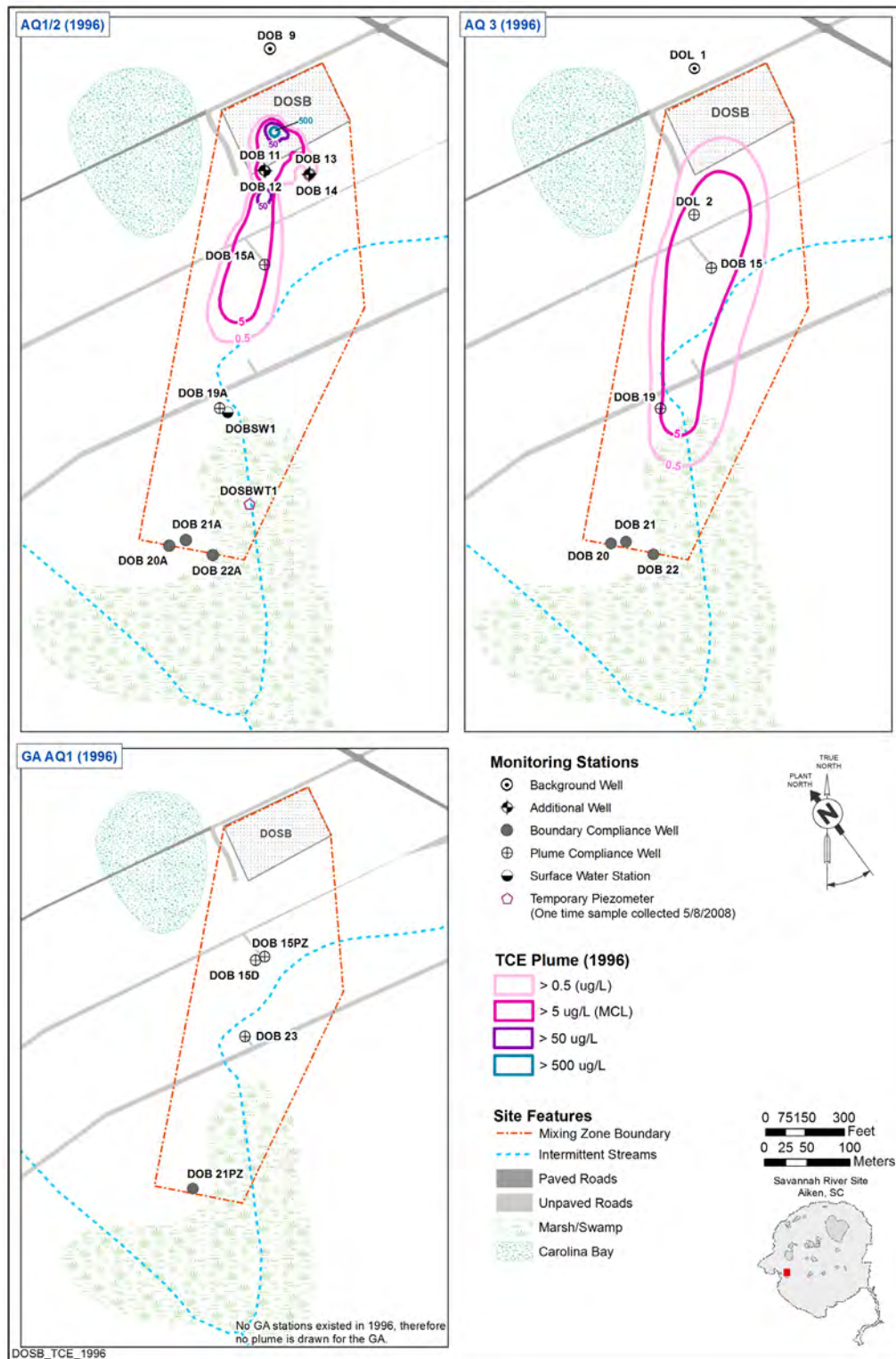


Figure E-7. DOSB TCE plume maps (1996 data) for Aquifers AQ1/2, AQ3, GA-AQ1 (WSRC 1997a)

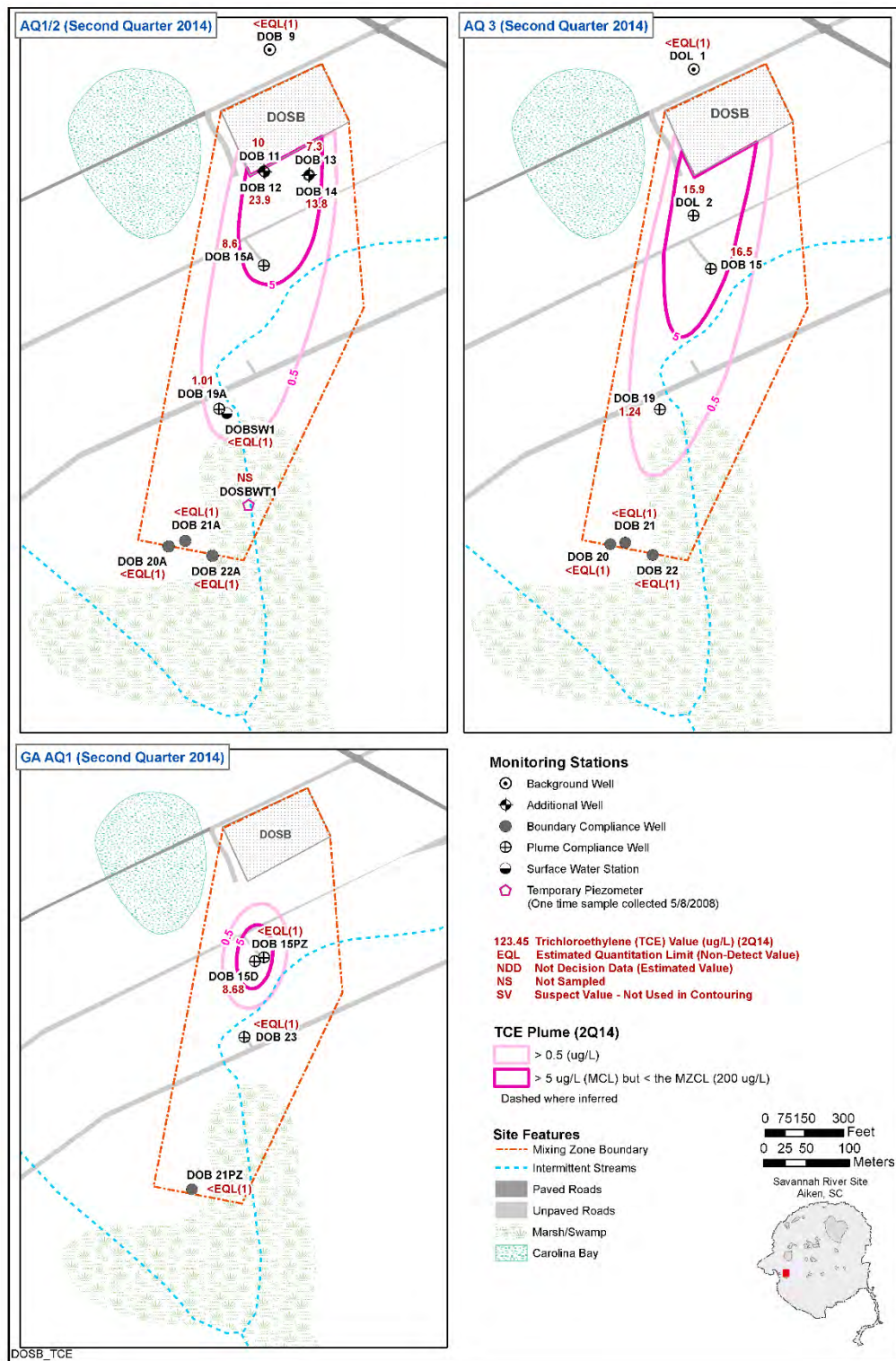


Figure E-8. DOSB TCE plume maps (2014 data) for Aquifers AQ1/2, AQ3, and GA-AQ1 (USDOE 2015)



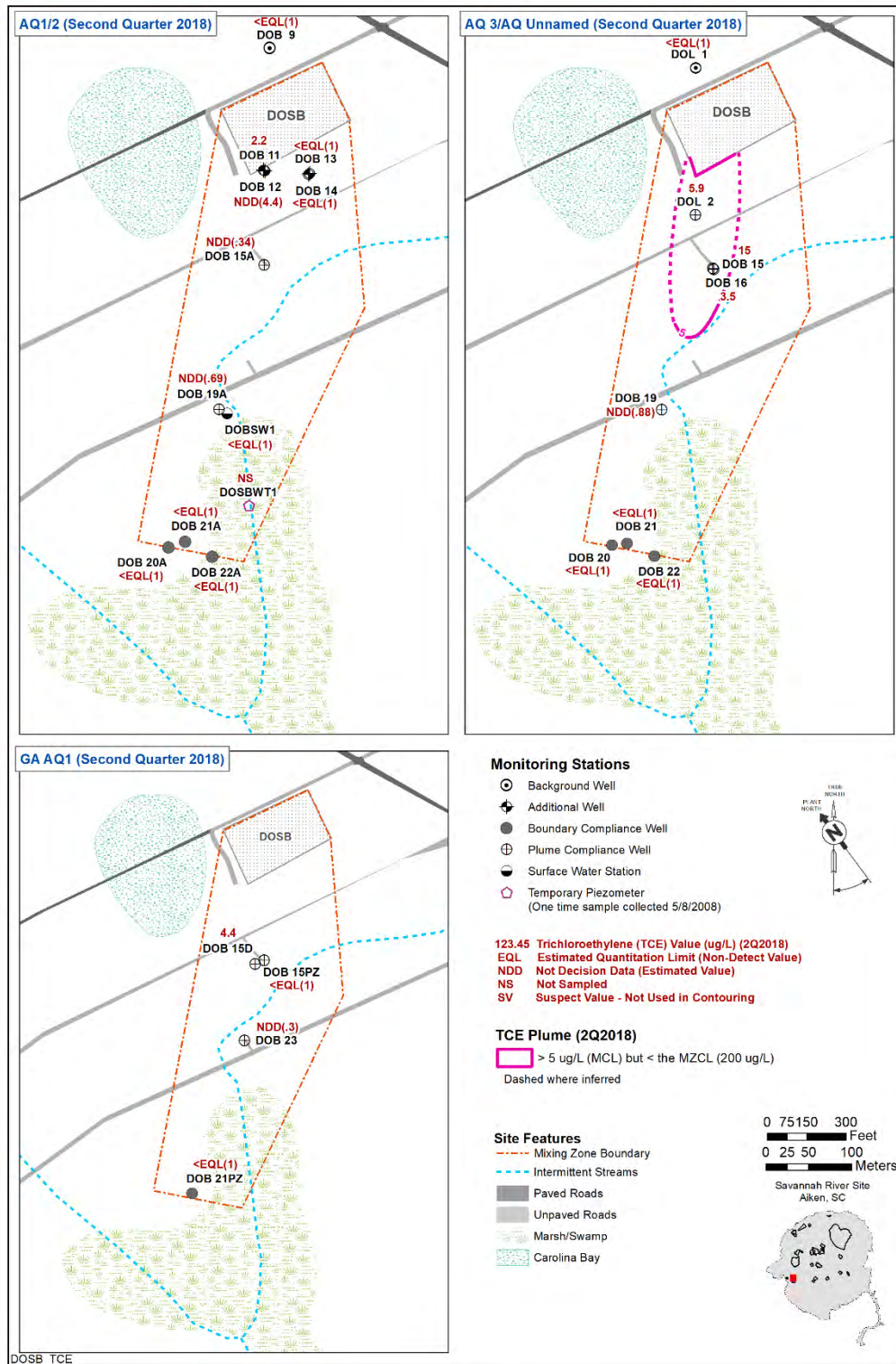


Figure E-9. DOSB TCE plume maps (2018 data) for Aquifers AQ1/2, AQ3, and GA-AQ1 (USDOE 2019)



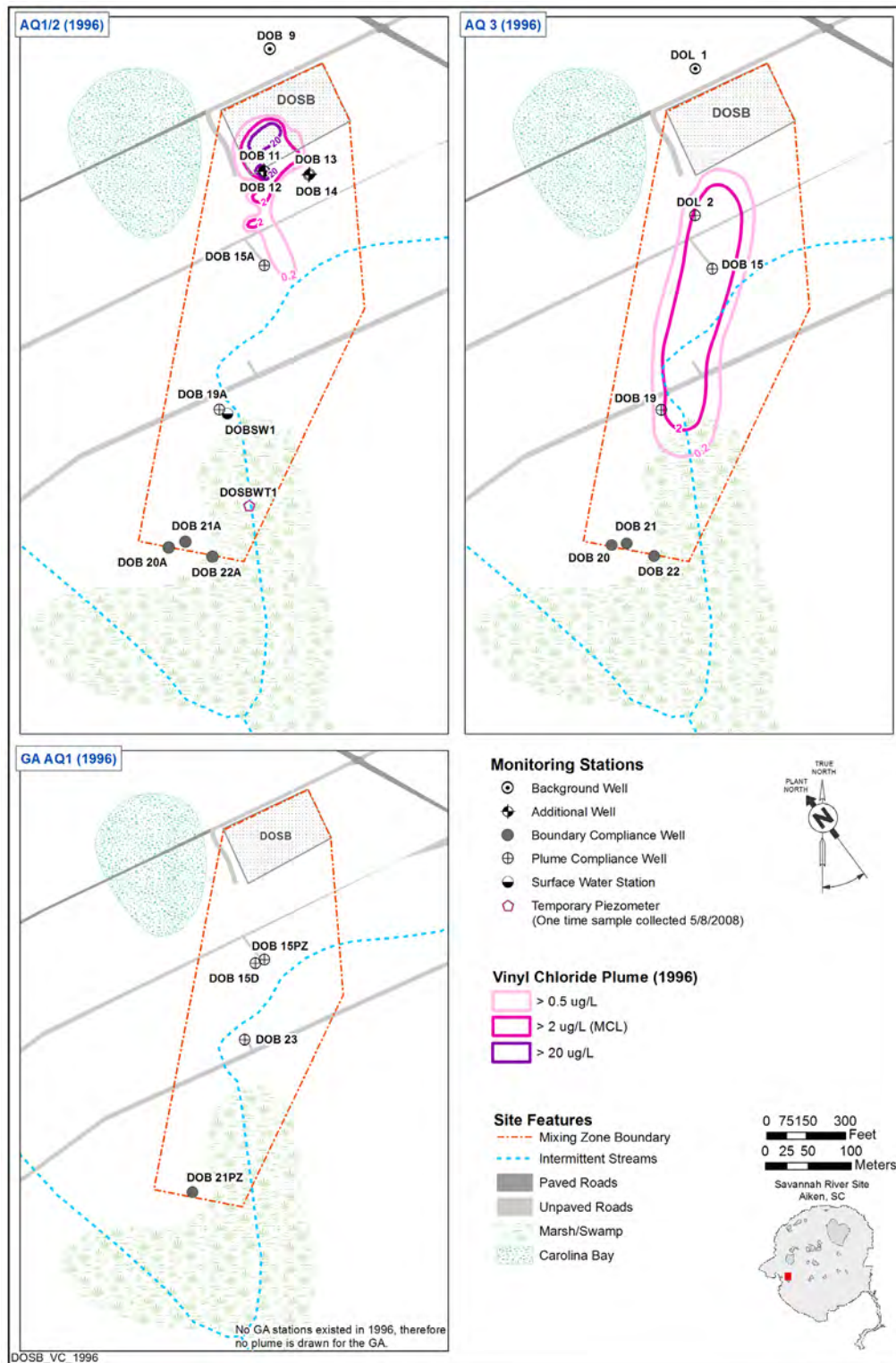


Figure E-10. DOSB Vinyl Chloride Plume Maps (1996 data) for Aquifers AQ1/2, AQ3, and GA-AQ1 (WSRC 1997a)

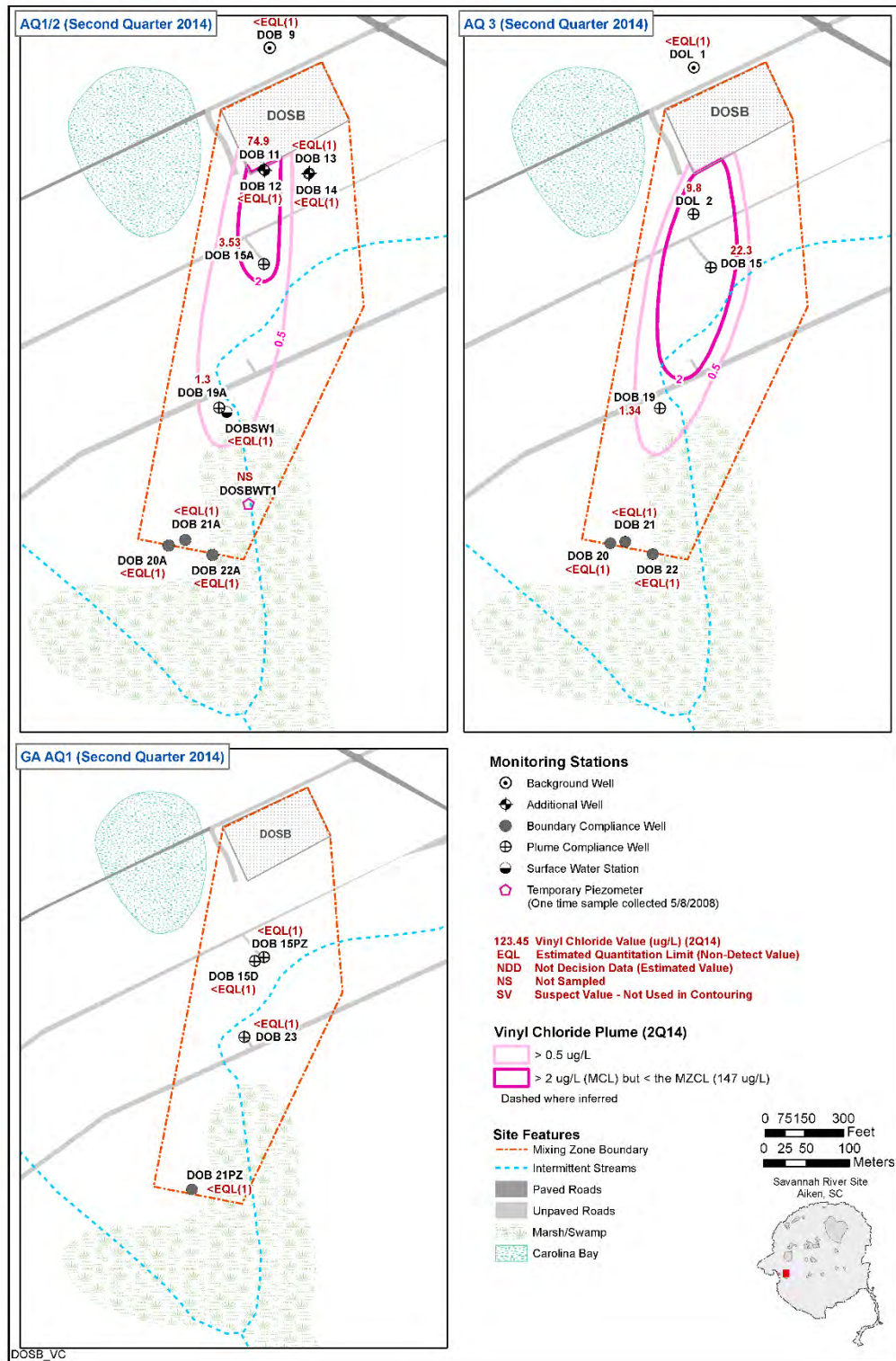


Figure E-11. DOSB Vinyl Chloride Plume Maps (2014 data) for Aquifers AQ1/2, AQ3 and GA-AQ1 (USDOE 2015)



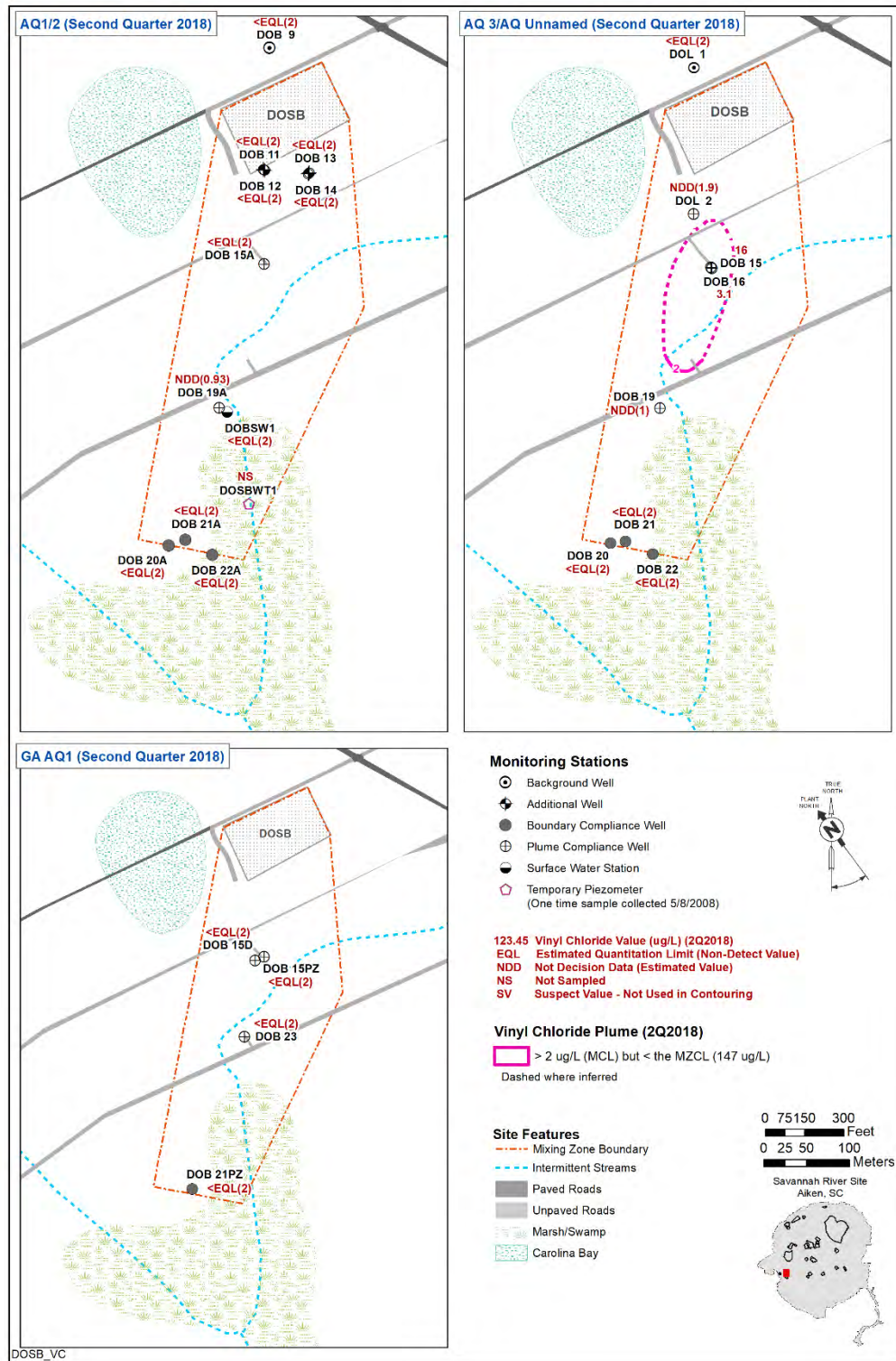


Figure E-12. DOSB Vinyl Chloride Plume Maps (2018 data) for Aquifers AQ1/2, AQ3 and GA-AQ1 (USD OE 2019)

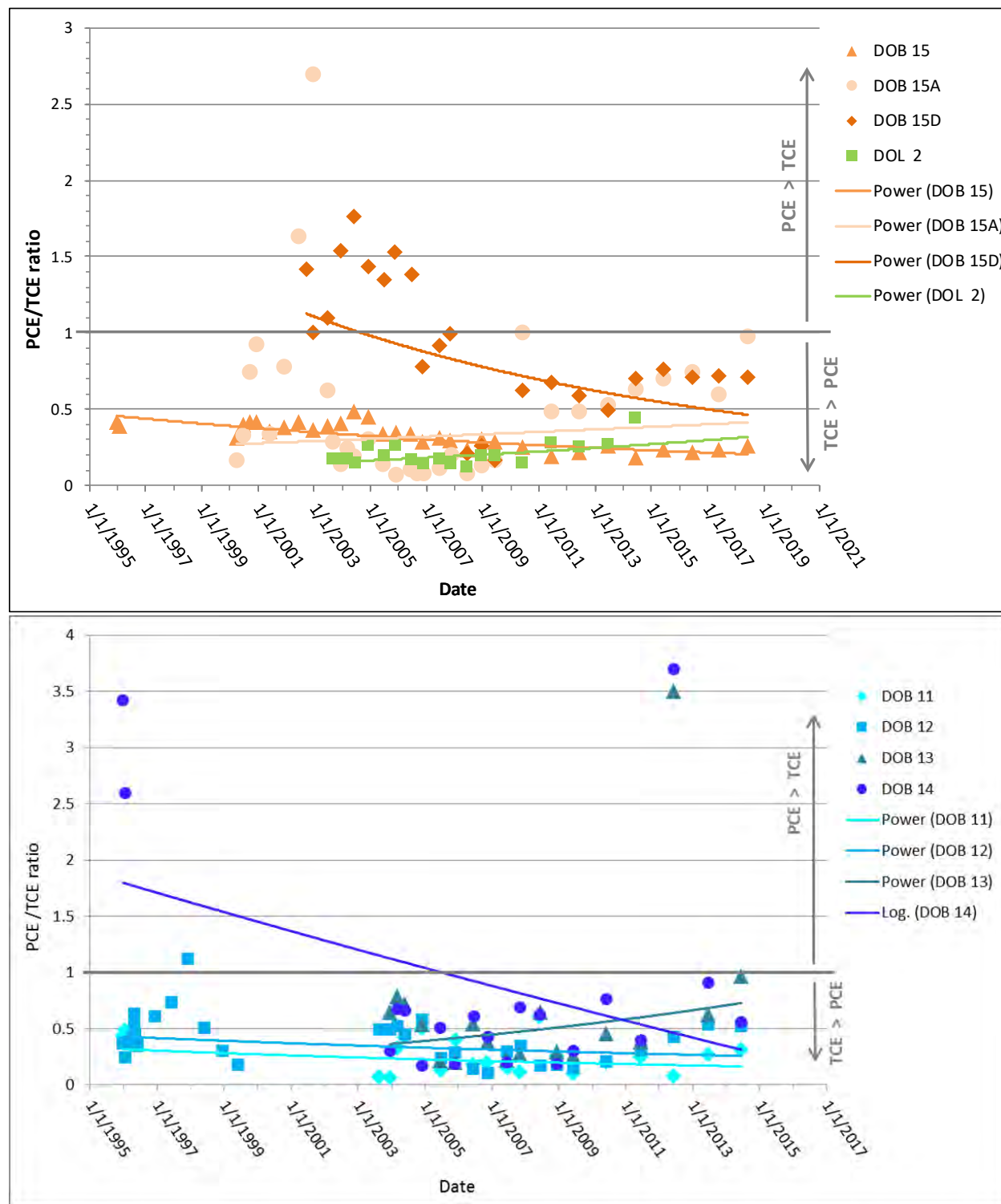


**Figure E-13. Ratio of PCE versus TCE Concentrations for Plume Compliance Wells (DOB 15, 15A, 15D, and DOL 2) and Additional Wells (DOB 11, 12, 13, 14) at the DOSB OU**

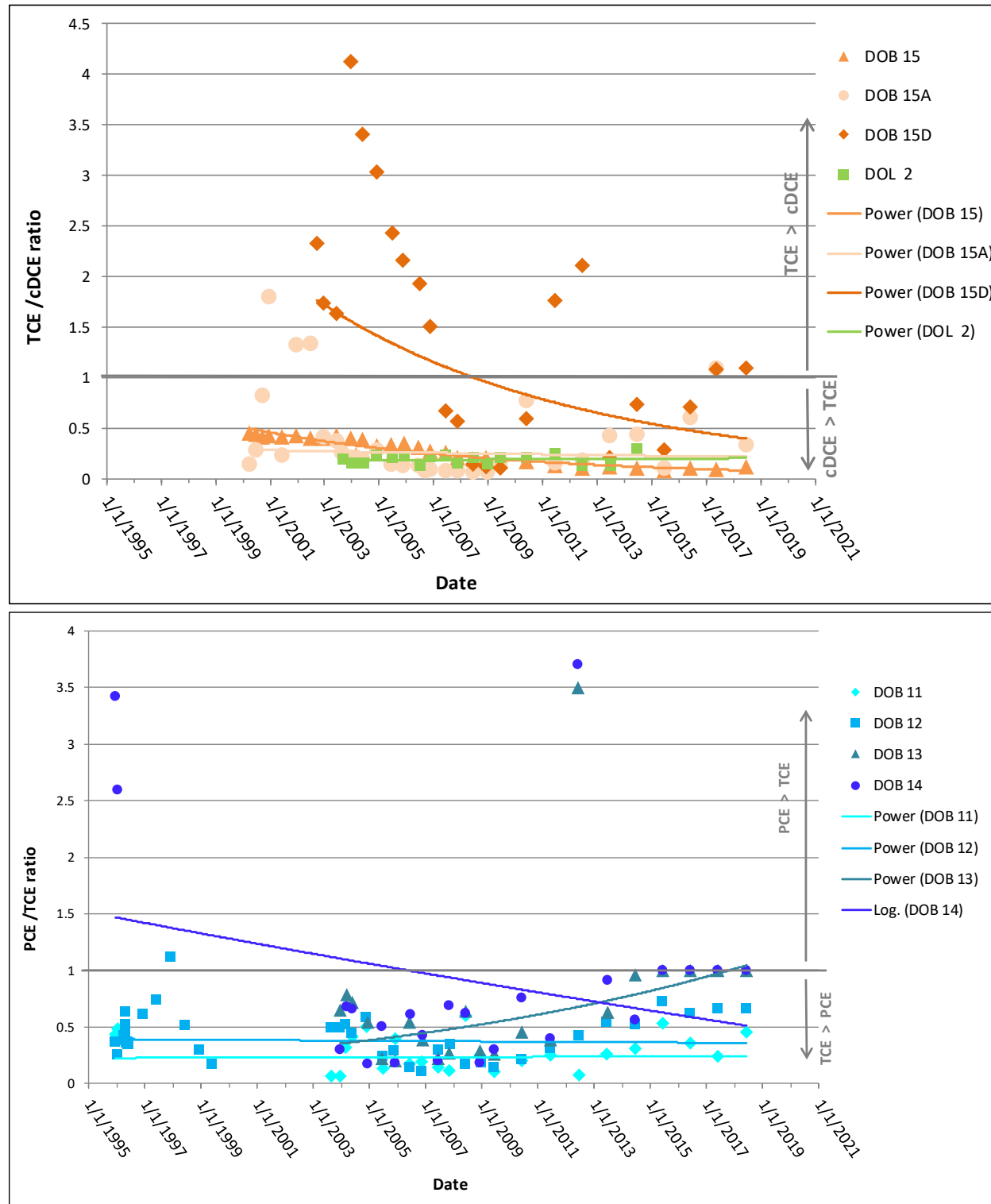


**Figure E-14. Ratio of TCE versus cDCE Concentrations for Plume Compliance Wells (DOB 15, 15A, 15D, and DOL 2) and Additional Wells (DOB 11, 12, 13, 14) at the DOSB OU**

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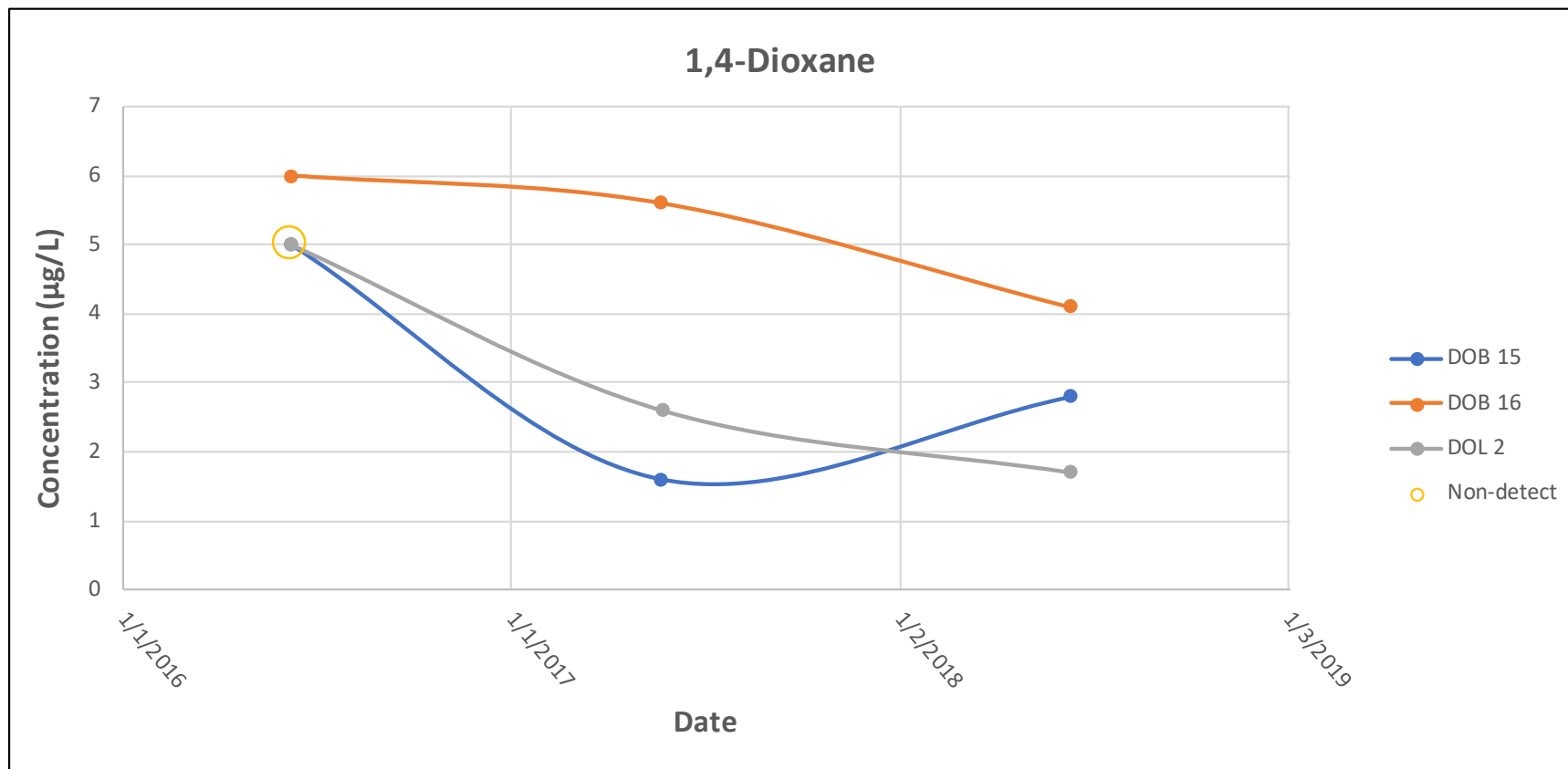


Figure E-15. Time Series Plots of 1,4-Dioxane at Wells DOB 15, DOB 16, and DOL 2 at the DOSB OU

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**Table E-1. Chronology of OU Events**

| Event                                  | Date                                                                                             |
|----------------------------------------|--------------------------------------------------------------------------------------------------|
| RFI/RI Field Start/Complete            | December 1995 / April 24, 1998                                                                   |
| IROD Signature                         | March 6, 1995                                                                                    |
| Interim Remedial Action Start/Complete | August 13, 1996 / December 31, 1999                                                              |
| Final ROD Issuance                     | May 7, 1999                                                                                      |
| Remedial Action Start/Complete         | September 3, 1999/ January 13, 2000                                                              |
| Previous Five-Year Remedy Reviews      | June 30, 1997 / February 12, 2004 /<br>February 4, 2009 / February 4, 2014 /<br>February 2, 2017 |

**Table E-2. Final COCs with Selected RGs**

| Final COCs             | Maximum<br>Concentration<br>Detected<br>(µg/L) | Average<br>Concentration in<br>Groundwater<br>(1999-2015)<br>(µg/L) | Selected RG<br>(µg/L) |
|------------------------|------------------------------------------------|---------------------------------------------------------------------|-----------------------|
| Tetrachloroethylene    | 96                                             | 6.9                                                                 | 5.0                   |
| Trichloroethylene      | 255                                            | 15.2                                                                | 5.0                   |
| cis-1,2-Dichloroethene | 2,270                                          | 64.7                                                                | 70.0                  |
| 1,1-Dichloroethene     | 4.8                                            | 0.8                                                                 | 7.0                   |
| Vinyl chloride         | 377                                            | 17.5                                                                | 2.0                   |
| Benzene                | 7.8                                            | 0.7                                                                 | 5.0                   |
| Dichloromethane        | 1.7                                            | 0.9                                                                 | 5.0                   |

**Table E-3. Actual versus Estimated O&M Costs**

|                                           | FY2015 | FY2016 | FY2017              | FY2018 | FY2019 | Five-Year<br>Total |
|-------------------------------------------|--------|--------|---------------------|--------|--------|--------------------|
| Total Actual O&M Costs (\$)               | 66,200 | 73,923 | 61,194              | 37,973 | 30,527 | 269,817            |
| Total ROD Estimated Direct O&M Costs (\$) | 0      | 0      | 16,666 <sup>1</sup> | 0      | 0      | 16,666             |

<sup>1</sup> FY2017 estimated costs include costs associated with the fifth five-year remedy review. The costs for the fifth five-year remedy review document was accrued in FY2016.

Table E-4. 2018 DOSB OU Natural Attenuation Field Parameters

|          |                     |              | SAMPLE COLLECTION DATE | PH  | OXIDATION/REDUCTION POTENTIAL |      | DISSOLVED OXYGEN | TOTAL ALKALINITY (AS CaCO3) | SAMPLING EVENT WATER ELEVATION | TURBIDITY | VOLUME PURGED | WATER TEMPERATURE | FIELD CONDITIONS |
|----------|---------------------|--------------|------------------------|-----|-------------------------------|------|------------------|-----------------------------|--------------------------------|-----------|---------------|-------------------|------------------|
| Unit     |                     | mV           |                        |     | mg/L                          | mg/L |                  |                             |                                |           |               |                   |                  |
| Station  | Well Use            | Aquifer Zone | day-month-year         |     |                               |      |                  |                             |                                |           |               |                   |                  |
| DOB 9    | Background Well     | AQ1/2        | 11-Jun-2018            | 5   | 244                           | 5.27 | 0                | 144                         | 1.9                            | 5         | 19.2          | No Comments       |                  |
| DOL 1    | Background Well     | AQ3          | 12-Jun-2018            | 5.3 | 218                           | 4.02 | 2                | 143                         | 0.2                            | 12        | 19.9          | No Comments       |                  |
| DOB 12   | Additional          | AQ2          | 11-Jun-2018            | 5   | 331                           | 2.31 | 0                | 143                         | 1.5                            | 5         | 18.4          | No Comments       |                  |
| DOB 11   | Additional          | AQ2          | 11-Jun-2018            | 6.6 | 55                            | 1.97 | 73               | 143                         | 0.7                            | 6         | 18.4          | No Comments       |                  |
| DOB 14   | Additional          | AQ2          | 11-Jun-2018            | 5.2 | 279                           | 4.28 | 2                | 143                         | 9.9                            | 5         | 18.7          | No Comments       |                  |
| DOB 13   | Additional          | AQ2          | 11-Jun-2018            | 5.3 | 270                           | 4.57 | 7                | 143                         | 0.6                            | 7         | 18.7          | No Comments       |                  |
| DOL 2    | Plume Compliance    | AQ3          | 12-Jun-2018            | 4.3 | 285                           | 2.55 | 0                | 143                         | 0.2                            | 11        | 18.7          | No Comments       |                  |
| DOB 15A  | Plume Compliance    | AQ2          | 11-Jun-2018            | 5.7 | 195                           | 6.18 | 9                | 142                         | 0.3                            | 7         | 18.2          | No Comments       |                  |
| DOB 15   | Plume Compliance    | AQ3          | 12-Jun-2018            | 4.7 | 104                           | 2.67 | 0                | 142                         | 0.1                            | 10        | 18.4          | No Comments       |                  |
| DOB 16   | Plume Compliance    | AQ Unnamed   | 11-Jun-2018            | 6.5 | 15                            | 1.55 | 57               | 142                         | 0.9                            | 14        | 18.6          | No Comments       |                  |
| DOB 15D  | Plume Compliance    | GAU          | 11-Jun-2018            | 5.1 | 225                           | 5.95 | 1                | 139                         | 0.1                            | 27        | 19.1          | No Comments       |                  |
| DOB 15PZ | Plume Compliance    | GAU          | 11-Jun-2018            | 4.7 | 225                           | 4.27 | 0                | 136                         | 0.3                            | 31        | 19.1          | No Comments       |                  |
| DOB 23   | Plume Compliance    | GAU          | 11-Jun-2018            | 5.9 | 135                           | 6.14 | 2                | 138                         | 0.7                            | 21        | 18.7          | No Comments       |                  |
| DOB 19A  | Plume Compliance    | AQ2          | 11-Jun-2018            | 6.6 | 101                           | 5.28 | 58               | 141                         | 0.5                            | 7         | 18.4          | No Comments       |                  |
| DOB 19   | Plume Compliance    | AQ3          | 11-Jun-2018            | 6.8 | 124                           | 5.86 | 61               | 141                         | 0.2                            | 13        | 18.9          | No Comments       |                  |
| DOB 21A  | Boundary Compliance | AQ1/2        | 12-Jun-2018            | 4.9 | 237                           | 4.6  | 0                | 140                         | 0.4                            | 8         | 18.4          | No Comments       |                  |
| DOB 21   | Boundary Compliance | AQ3          | 12-Jun-2018            | 6.5 | 65                            | 3.6  | 65               | 139                         | 0.4                            | 14        | 19.4          | No Comments       |                  |
| DOB 21PZ | Boundary Compliance | GAU          | 12-Jun-2018            | 5.2 | 184                           | 4.6  | 0                | 130                         | 0.4                            | 31        | 19.1          | No Comments       |                  |
| DOB 20A  | Boundary Compliance | AQ1/2        | 12-Jun-2018            | 5.2 | 156                           | 4.2  | 0                | 140                         | 1.5                            | 8         | 17.9          | No Comments       |                  |
| DOB 20   | Boundary Compliance | AQ3          | 12-Jun-2018            | 7   | 160                           | 3.4  | 75               | 140                         | 0.8                            | 13        | 18.9          | No Comments       |                  |
| DOB 22A  | Boundary Compliance | AQ1/2        | 12-Jun-2018            | 5.4 | 169                           | 2.83 | 2                | 140                         | 0.3                            | 8         | 18.1          | No Comments       |                  |
| DOB 22   | Boundary Compliance | AQ3          | 12-Jun-2018            | 6.8 | 65                            | 3.14 | 45               | 140                         | 0.4                            | 14        | 19.1          | No Comments       |                  |
| DOBSW1   | Surface Water       | AQ1/2        | 12-Jun-2018            | 5.8 | 143                           | 4.93 | 15               | NS                          | 854                            | 0         | 20.1          | No Comments       |                  |

|           |                                                                                                                                                               |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           | Measurement is within the range for VOC degradation processes.                                                                                                |
| Blue Text | Not a required sample analysis                                                                                                                                |
|           | Well clusters are separated by color. Wells are listed in downgradient order and wells within a cluster are listed in descending order of their screen zones. |

GAU = Gordon Aquifer Unit

**Attachment E-1. Five-Year Review Site Inspection Checklist – D-Area Oil Seepage Basin (631-G) OU**

| I. SITE INFORMATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                             |                                                                                |                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|----------------------|
| Site Name:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | D-Area Oil Seepage Basin (631-G) OU                                                                                                                         | Date of Inspection:                                                            | 10/17/2019           |
| Location and Region                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | SRS, USEPA Region 4                                                                                                                                         | EPA ID:                                                                        | SEMS #27             |
| Agency, Office, or Company leading the Five-Year Review                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | USDOE                                                                                                                                                       | Weather/ Temperature                                                           | Sunny<br>70°F        |
| <b>Remedy Includes:</b> (Click all that apply) <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input type="checkbox"/> Landfill Cover/Containment             </div> <div style="width: 50%;"> <input type="checkbox"/> Surface Water Pump and Treatment             </div> <div style="width: 50%;"> <input type="checkbox"/> Access Controls             </div> <div style="width: 50%;"> <input checked="" type="checkbox"/> Monitored Natural Attenuation             </div> <div style="width: 50%;"> <input checked="" type="checkbox"/> Institutional Controls             </div> <div style="width: 50%;"> <input type="checkbox"/> Groundwater Containment             </div> <div style="width: 50%;"> <input type="checkbox"/> Groundwater Pump and Treatment             </div> <div style="width: 50%;"> <input type="checkbox"/> Vertical Barriers             </div> <div style="width: 50%;"> <input checked="" type="checkbox"/> Other <u>Groundwater Mixing Zone Monitoring</u> </div> </div> |                                                                                                                                                             |                                                                                |                      |
| <b>Attachments:</b> <input type="checkbox"/> Inspection team roster attached <input type="checkbox"/> Inspection team roster attached                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                             |                                                                                |                      |
| II. INTERVIEWS (Click all that apply)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                             |                                                                                |                      |
| 1. O&M Site Manager:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Brian Hanshew<br>(Name)                                                                                                                                     | ACP Field Execution Team 2<br>(Title)                                          | 11/05/2019<br>(Date) |
| Interviewed:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <input type="checkbox"/> At Site <input checked="" type="checkbox"/> At Office <input type="checkbox"/> By Phone           Phone No.: <u>(803)952-4949</u>  |                                                                                |                      |
| Problems/Suggestions:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <input type="checkbox"/> Report Attached           _____                                                                                                    |                                                                                |                      |
| 2. O&M Staff:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Phil Carter<br>(Name)                                                                                                                                       | EC&ACP Post-Closure Waste Site<br>Inspector/Maintenance Coordinator<br>(Title) | 11/05/2019<br>(Date) |
| Interviewed:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <input type="checkbox"/> At Site <input checked="" type="checkbox"/> At Office <input type="checkbox"/> By Phone           Phone No.: <u>(803)-952-4145</u> |                                                                                |                      |
| Problems/Suggestions:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <input type="checkbox"/> Report Attached           _____                                                                                                    |                                                                                |                      |

Attachment E-1. Five-Year Review Site Inspection Checklist – D-Area Oil Seepage Basin  
(631-G) OU (continued)

| II. INTERVIEWS (Click all that apply)(Continued)                                                                                                                                                                                                                                                                 |                                                       |                                     |                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------|-----------------------------------------|
| <b>3. Local Regulatory Authorities and Response Agencies</b> (i.e., State and tribal offices, emergency response office, police department, office of public health or environmental health, zoning office, recorder of deeds or other city and county offices, etc.). Fill in all that apply.                   |                                                       |                                     |                                         |
| Agency: _____                                                                                                                                                                                                                                                                                                    |                                                       |                                     |                                         |
| Contact:                                                                                                                                                                                                                                                                                                         | _____                                                 | _____                               | _____                                   |
|                                                                                                                                                                                                                                                                                                                  | (Name)                                                | (Title)                             | (Date)                                  |
| Problems/Suggestions:                                                                                                                                                                                                                                                                                            | <input type="checkbox"/> Report Attached _____        |                                     |                                         |
| _____                                                                                                                                                                                                                                                                                                            |                                                       |                                     |                                         |
| Agency: _____                                                                                                                                                                                                                                                                                                    |                                                       |                                     |                                         |
| Contact:                                                                                                                                                                                                                                                                                                         | _____                                                 | _____                               | _____                                   |
|                                                                                                                                                                                                                                                                                                                  | (Name)                                                | (Title)                             | (Date)                                  |
| Problems/Suggestions:                                                                                                                                                                                                                                                                                            | <input type="checkbox"/> Report Attached _____        |                                     |                                         |
| _____                                                                                                                                                                                                                                                                                                            |                                                       |                                     |                                         |
| Agency: _____                                                                                                                                                                                                                                                                                                    |                                                       |                                     |                                         |
| Contact:                                                                                                                                                                                                                                                                                                         | _____                                                 | _____                               | _____                                   |
|                                                                                                                                                                                                                                                                                                                  | (Name)                                                | (Title)                             | (Date)                                  |
| Problems/Suggestions:                                                                                                                                                                                                                                                                                            | <input type="checkbox"/> Report Attached _____        |                                     |                                         |
| _____                                                                                                                                                                                                                                                                                                            |                                                       |                                     |                                         |
| <b>4. Other Interviews (Optional):</b> <input type="checkbox"/> Report Attached _____                                                                                                                                                                                                                            |                                                       |                                     |                                         |
| _____                                                                                                                                                                                                                                                                                                            |                                                       |                                     |                                         |
| _____                                                                                                                                                                                                                                                                                                            |                                                       |                                     |                                         |
| _____                                                                                                                                                                                                                                                                                                            |                                                       |                                     |                                         |
| III. ONSITE DOCUMENTS & RECORDS VERIFIED (Click all that apply)                                                                                                                                                                                                                                                  |                                                       |                                     |                                         |
| <b>1. O&amp;M Documents:</b>                                                                                                                                                                                                                                                                                     |                                                       |                                     |                                         |
| <input type="checkbox"/> O&M Manual                                                                                                                                                                                                                                                                              | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date | <input checked="" type="checkbox"/> N/A |
| <input checked="" type="checkbox"/> As-Built Drawings                                                                                                                                                                                                                                                            | <input checked="" type="checkbox"/> Readily Available | <input type="checkbox"/> Up to Date | <input type="checkbox"/> N/A            |
| <input type="checkbox"/> Maintenance Logs                                                                                                                                                                                                                                                                        | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date | <input checked="" type="checkbox"/> N/A |
| Remarks: <u>Site Inspections for the surface unit portion of DOSB are not required by the ROD or LUCIP since the DOSB currently meets unrestricted land use criteria for soils, sediment and surface water. Site inspections performed are for the monitoring wells and the Five-Year Remedy Review Reports.</u> |                                                       |                                     |                                         |

**Attachment E-1. Five-Year Review Site Inspection Checklist – D-Area Oil Seepage Basin (631-G) OU (continued)**

| III. ONSITE DOCUMENTS & RECORDS VERIFIED (Continued)                                                                                                                               |                                                       |                                                |                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------|-----------------------------------------|
| <b>2. Health and Safety Plans (HASP):</b>                                                                                                                                          |                                                       |                                                |                                         |
| <input type="checkbox"/> Site-Specific Health and Safety Plans                                                                                                                     | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| <input type="checkbox"/> Contingency Plan/Emergency Response Plan                                                                                                                  | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks: Routine O&M activities do not require a Site-Specific Health and Safety Plan (SSHASP) under 29 CFR 1910.1201, Hazardous Waste Operations. A SSHASP is prepared if needed. |                                                       |                                                |                                         |
| <hr/>                                                                                                                                                                              |                                                       |                                                |                                         |
| <b>3. O&amp;M and OSHA Training Records:</b>                                                                                                                                       |                                                       |                                                |                                         |
|                                                                                                                                                                                    | <input checked="" type="checkbox"/> Readily Available | <input checked="" type="checkbox"/> Up to Date | <input type="checkbox"/> N/A            |
| Remarks: Training Records are complete and up to date per ACP training matrix.                                                                                                     |                                                       |                                                |                                         |
| <hr/>                                                                                                                                                                              |                                                       |                                                |                                         |
| <b>4. Permits and Service Agreements:</b>                                                                                                                                          |                                                       |                                                |                                         |
| <input type="checkbox"/> Air Discharge Permit                                                                                                                                      | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| <input type="checkbox"/> Effluent Discharge                                                                                                                                        | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| <input type="checkbox"/> Waste Disposal; POTW                                                                                                                                      | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| <input type="checkbox"/> Other Permits                                                                                                                                             | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks:                                                                                                                                                                           |                                                       |                                                |                                         |
| <hr/>                                                                                                                                                                              |                                                       |                                                |                                         |
| <b>5. Gas Generation Records:</b>                                                                                                                                                  |                                                       |                                                |                                         |
|                                                                                                                                                                                    | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks:                                                                                                                                                                           |                                                       |                                                |                                         |
| <hr/>                                                                                                                                                                              |                                                       |                                                |                                         |
| <b>6. Settlement Monument Records:</b>                                                                                                                                             |                                                       |                                                |                                         |
|                                                                                                                                                                                    | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks:                                                                                                                                                                           |                                                       |                                                |                                         |
| <hr/>                                                                                                                                                                              |                                                       |                                                |                                         |
| <b>7. Groundwater Monitoring Records:</b>                                                                                                                                          |                                                       |                                                |                                         |
|                                                                                                                                                                                    | <input checked="" type="checkbox"/> Readily Available | <input checked="" type="checkbox"/> Up to Date | <input type="checkbox"/> N/A            |
| Remarks:                                                                                                                                                                           |                                                       |                                                |                                         |
| <hr/>                                                                                                                                                                              |                                                       |                                                |                                         |
| <b>8. Leachate Extraction Records:</b>                                                                                                                                             |                                                       |                                                |                                         |
|                                                                                                                                                                                    | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks:                                                                                                                                                                           |                                                       |                                                |                                         |
| <hr/>                                                                                                                                                                              |                                                       |                                                |                                         |
| <b>9. Discharge Compliance Records:</b>                                                                                                                                            |                                                       |                                                |                                         |
| <input type="checkbox"/> Air                                                                                                                                                       | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| <input type="checkbox"/> Water (Effluent)                                                                                                                                          | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks:                                                                                                                                                                           |                                                       |                                                |                                         |
| <hr/>                                                                                                                                                                              |                                                       |                                                |                                         |
| <b>10. Daily Access/Security Logs:</b>                                                                                                                                             |                                                       |                                                |                                         |
|                                                                                                                                                                                    | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks:                                                                                                                                                                           |                                                       |                                                |                                         |
| <hr/>                                                                                                                                                                              |                                                       |                                                |                                         |

**Attachment E-1. Five-Year Review Site Inspection Checklist – D-Area Oil Seepage Basin (631-G) OU (continued)**

| IV. O&M COSTS                                                                                                                                                                                                                                                                                                                                                                                                               |                     |                       |                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------------------|---------------------------------------------|
| <b>1. O&amp;M Organization:</b><br><div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> State In-House<br/> <input type="checkbox"/> PRP In-House<br/> <input checked="" type="checkbox"/> Other: <u>SRS</u> </div> <div> <input type="checkbox"/> Contractor for State<br/> <input type="checkbox"/> Contractor for PRP </div> </div>                                               |                     |                       |                                             |
| <b>2. O&amp;M Cost Records:</b><br><div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> Readily Available<br/> <input checked="" type="checkbox"/> Other: <u>Project cost data is summarized in Section IV of this OU-specific review.</u> </div> <div> <input type="checkbox"/> Up to Date </div> <div> <input type="checkbox"/> Funding mechanism/agreement in place </div> </div> |                     |                       |                                             |
| <b>Total annual cost by year for review period, if available</b>                                                                                                                                                                                                                                                                                                                                                            |                     |                       |                                             |
| From: _____<br>(Date)                                                                                                                                                                                                                                                                                                                                                                                                       | To: _____<br>(Date) | _____<br>(Total Cost) | <input type="checkbox"/> Breakdown attached |
| From: _____<br>(Date)                                                                                                                                                                                                                                                                                                                                                                                                       | To: _____<br>(Date) | _____<br>(Total Cost) | <input type="checkbox"/> Breakdown attached |
| From: _____<br>(Date)                                                                                                                                                                                                                                                                                                                                                                                                       | To: _____<br>(Date) | _____<br>(Total Cost) | <input type="checkbox"/> Breakdown attached |
| From: _____<br>(Date)                                                                                                                                                                                                                                                                                                                                                                                                       | To: _____<br>(Date) | _____<br>(Total Cost) | <input type="checkbox"/> Breakdown attached |
| From: _____<br>(Date)                                                                                                                                                                                                                                                                                                                                                                                                       | To: _____<br>(Date) | _____<br>(Total Cost) | <input type="checkbox"/> Breakdown attached |
| <b>3. Unanticipated or Unusually High O&amp;M Costs During Review Period</b><br>Describe costs and reasons: <u>N/A</u><br>_____<br>_____<br>_____                                                                                                                                                                                                                                                                           |                     |                       |                                             |
| V. ACCESS AND INSTITUTIONAL CONTROLS <input checked="" type="checkbox"/> Applicable <input type="checkbox"/> N/A                                                                                                                                                                                                                                                                                                            |                     |                       |                                             |
| <b>A. Fencing</b>                                                                                                                                                                                                                                                                                                                                                                                                           |                     |                       |                                             |
| <b>1. Fencing Damage:</b> <input type="checkbox"/> Location shown on site map <input type="checkbox"/> Gates secured <input type="checkbox"/> N/A<br>Remarks: <u>Gate and fencing around DOSB perimeter, although present, is not required. The fencing is a holdover from previous operations.</u><br>_____<br>_____                                                                                                       |                     |                       |                                             |
| <b>B. Signs</b>                                                                                                                                                                                                                                                                                                                                                                                                             |                     |                       |                                             |
| <b>1. Signs and Other Security Measures:</b> <input type="checkbox"/> Location shown on site map <input checked="" type="checkbox"/> N/A<br>Remarks: _____<br>_____<br>_____                                                                                                                                                                                                                                                |                     |                       |                                             |

Attachment E-1. Five-Year Review Site Inspection Checklist – D-Area Oil Seepage Basin  
(631-G) OU (*continued*)

| V. ACCESS AND INSTITUTIONAL CONTROLS ( <i>Continued</i> )          |                                                      |                                                             |                                                              |
|--------------------------------------------------------------------|------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------|
| <b>C. Institutional Controls</b>                                   |                                                      |                                                             |                                                              |
| <b>1. Implementation and Enforcement</b>                           |                                                      |                                                             |                                                              |
| Site conditions imply ICs are not properly implemented:            | <input type="checkbox"/> Yes                         | <input checked="" type="checkbox"/> No                      | <input type="checkbox"/> N/A                                 |
| Site conditions imply ICs are not being fully enforced:            | <input type="checkbox"/> Yes                         | <input checked="" type="checkbox"/> No                      | <input type="checkbox"/> N/A                                 |
| Type of monitoring (e.g., self-reporting, drive-by, etc.)          | <u>Walkdown</u>                                      |                                                             |                                                              |
| Frequency:                                                         | <u>Once every five years</u>                         |                                                             |                                                              |
| Responsible Party/Agent:                                           | <u>USDOE Savannah River Field Office</u>             |                                                             |                                                              |
| Contact:                                                           | <u>Karen Adams</u><br>(Name)                         | <u>Federal Project Director</u><br>(Title)                  | <u>12/17/19</u><br>(Date) <u>803-952-7871</u><br>(Phone No.) |
| Reporting is up-to-date:                                           | <input checked="" type="checkbox"/> Yes              | <input type="checkbox"/> No                                 | <input type="checkbox"/> N/A                                 |
| Reports are verified by the lead agency:                           | <input checked="" type="checkbox"/> Yes              | <input type="checkbox"/> No                                 | <input type="checkbox"/> N/A                                 |
| Specific requirements in deed or decision documents have been met: | <input checked="" type="checkbox"/> Yes              | <input type="checkbox"/> No                                 | <input type="checkbox"/> N/A                                 |
| Violations have been reported:                                     | <input type="checkbox"/> Yes                         | <input type="checkbox"/> No                                 | <input checked="" type="checkbox"/> N/A                      |
| Problems/Suggestions:                                              | <input type="checkbox"/> Report Attached             |                                                             |                                                              |
| <hr/>                                                              |                                                      |                                                             |                                                              |
| <hr/>                                                              |                                                      |                                                             |                                                              |
| <b>2. Adequacy:</b>                                                | <input checked="" type="checkbox"/> ICs are adequate | <input type="checkbox"/> ICs are inadequate                 | <input type="checkbox"/> N/A                                 |
| Remarks:                                                           | <hr/>                                                |                                                             |                                                              |
| <hr/>                                                              |                                                      |                                                             |                                                              |
| <b>D. General</b>                                                  |                                                      |                                                             |                                                              |
| <b>1. Vandalism/Trespassing:</b>                                   | <input type="checkbox"/> Location shown on site map  | <input checked="" type="checkbox"/> No vandalism is evident |                                                              |
| Remarks:                                                           | <hr/>                                                |                                                             |                                                              |
| <hr/>                                                              |                                                      |                                                             |                                                              |
| <b>2. Land use changes onsite:</b>                                 | <input checked="" type="checkbox"/> N/A              |                                                             |                                                              |
| Remarks:                                                           | <hr/>                                                |                                                             |                                                              |
| <hr/>                                                              |                                                      |                                                             |                                                              |
| <b>3. Land use changes offsite:</b>                                | <input checked="" type="checkbox"/> N/A              |                                                             |                                                              |
| Remarks:                                                           | <hr/>                                                |                                                             |                                                              |
| <hr/>                                                              |                                                      |                                                             |                                                              |

Attachment E-1. Five-Year Review Site Inspection Checklist – D-Area Oil Seepage Basin  
(631-G) OU (continued)

|                                                                                                                                                                                                                                        |                                                     |                                                                              |                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|------------------------------------------------------------------------------|----------------------------------------------------|
| <b>VI. GENERAL SITE CONDITIONS</b>                                                                                                                                                                                                     |                                                     |                                                                              |                                                    |
| <b>A. Roads</b>                                                                                                                                                                                                                        | <input checked="" type="checkbox"/> Applicable      | <input type="checkbox"/> N/A                                                 |                                                    |
| <b>1. Roads damaged:</b>                                                                                                                                                                                                               | <input type="checkbox"/> Location shown on site map | <input checked="" type="checkbox"/> Roads adequate                           | <input type="checkbox"/> N/A                       |
| Remarks: _____                                                                                                                                                                                                                         |                                                     |                                                                              |                                                    |
| <b>B. Other Site Conditions</b>                                                                                                                                                                                                        |                                                     |                                                                              |                                                    |
| Remarks: _____                                                                                                                                                                                                                         |                                                     |                                                                              |                                                    |
| _____                                                                                                                                                                                                                                  |                                                     |                                                                              |                                                    |
| _____                                                                                                                                                                                                                                  |                                                     |                                                                              |                                                    |
| _____                                                                                                                                                                                                                                  |                                                     |                                                                              |                                                    |
| <b>VII. LANDFILL COVER/CONTAINMENT</b>                                                                                                                                                                                                 |                                                     |                                                                              |                                                    |
|                                                                                                                                                                                                                                        | <input type="checkbox"/> Applicable                 | <input checked="" type="checkbox"/> N/A                                      |                                                    |
| <b>VIII. VERTICAL BARRIER WALLS</b>                                                                                                                                                                                                    |                                                     |                                                                              |                                                    |
|                                                                                                                                                                                                                                        | <input type="checkbox"/> Applicable                 | <input checked="" type="checkbox"/> N/A                                      |                                                    |
| <b>IX. GROUNDWATER/SURFACE WATER REMEDIES</b>                                                                                                                                                                                          |                                                     |                                                                              |                                                    |
|                                                                                                                                                                                                                                        | <input checked="" type="checkbox"/> Applicable      | <input type="checkbox"/> N/A                                                 |                                                    |
| <b>A. Groundwater Extraction Wells, Pumps, and Pipelines</b>                                                                                                                                                                           | <input type="checkbox"/> Applicable                 | <input checked="" type="checkbox"/> N/A                                      |                                                    |
| <b>B. Surface Water Collection Structures, Pumps, and Pipelines</b>                                                                                                                                                                    | <input type="checkbox"/> Applicable                 | <input checked="" type="checkbox"/> N/A                                      |                                                    |
| <b>C. Treatment System</b>                                                                                                                                                                                                             | <input type="checkbox"/> Applicable                 | <input checked="" type="checkbox"/> N/A                                      |                                                    |
| <b>D. Monitoring Data</b>                                                                                                                                                                                                              | <input checked="" type="checkbox"/> Applicable      | <input type="checkbox"/> N/A                                                 |                                                    |
| <b>1. Monitoring Data:</b>                                                                                                                                                                                                             |                                                     |                                                                              |                                                    |
| <input checked="" type="checkbox"/> Is routinely submitted on time                                                                                                                                                                     |                                                     | <input checked="" type="checkbox"/> Is of acceptable quality                 |                                                    |
| <b>2. Monitoring Data Suggests:</b>                                                                                                                                                                                                    |                                                     |                                                                              |                                                    |
| <input type="checkbox"/> Groundwater plume is effectively contained                                                                                                                                                                    |                                                     | <input checked="" type="checkbox"/> Contaminant concentrations are declining |                                                    |
| <b>E. Monitored Natural Attenuation</b>                                                                                                                                                                                                |                                                     |                                                                              |                                                    |
|                                                                                                                                                                                                                                        | <input checked="" type="checkbox"/> Applicable      | <input type="checkbox"/> N/A                                                 |                                                    |
| <b>1. Monitoring Wells (natural attenuation remedy):</b>                                                                                                                                                                               |                                                     |                                                                              |                                                    |
| <input checked="" type="checkbox"/> Properly secured/locked                                                                                                                                                                            | <input checked="" type="checkbox"/> Functioning     | <input checked="" type="checkbox"/> Routinely sampled                        | <input checked="" type="checkbox"/> Good condition |
| <input type="checkbox"/> All required wells located                                                                                                                                                                                    | <input type="checkbox"/> Needs maintenance          | <input type="checkbox"/> N/A                                                 |                                                    |
| Remarks: _____                                                                                                                                                                                                                         |                                                     |                                                                              |                                                    |
| _____                                                                                                                                                                                                                                  |                                                     |                                                                              |                                                    |
| <b>X. OTHER REMEDIES</b>                                                                                                                                                                                                               |                                                     |                                                                              |                                                    |
| If there are remedies applied at the site, which are not covered above, attach an inspection sheet describing the physical nature and condition of any facility associated with the remedy. An example would be soil vapor extraction. |                                                     |                                                                              |                                                    |
| <b>A. Soil Vapor Extraction System</b>                                                                                                                                                                                                 | <input type="checkbox"/> Applicable                 | <input checked="" type="checkbox"/> N/A                                      |                                                    |



Attachment E-1. Five-Year Review Site Inspection Checklist – D-Area Oil Seepage Basin  
(631-G) OU (*continued*)

| XI. OVERALL OBSERVATIONS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>A. Implementation of the Remedy</b></p> <p>Describe issues and observations relating to whether the remedy is effective and functioning as designed. Begin with a brief statement of what the remedy is to accomplish (i.e., to contain contaminant plume, minimize infiltration and gas emissions, etc.).</p> <p>The remedial action for DOSB OU deep soil is considered no further action since RAOs have been achieved by the IRA and bioventing testing. The remedy for shallow soil, surface water, and sediment is no action because no COCs in those media were identified in the RFI/RI Report and Baseline Risk Assessment Report. The remedy for DOSB OU groundwater is monitored natural attenuation/groundwater mixing zone with institutional controls (i.e., LUCs). Results from the bioventing study indicate that the source of groundwater contamination (i.e., contaminants in the DOSB OU soil) was significantly reduced, as a result of the combined IRA and bioventing test, and no longer contributes to groundwater contamination. The remedy is fully established and functioning as designed.</p> |
| <p><b>B. Adequacy of O&amp;M</b></p> <p>Describe issues and observations related to the implementation and scope of O&amp;M procedures. In particular, discuss their relationship to the current and long-term protectiveness of the remedy.</p> <p>Monitoring data indicates consistency with the modeling predictions from the GWMZ application. The concentrations should continue to decrease within the heart of the plume through natural attenuation to levels at or below MCLs. The O&amp;M procedures consisting of site maintenance and site controls (SRS Site Use/Site Clearance Programs, which restrict invasive and permanent installation activities at the waste unit) have been implemented. The O&amp;M procedures are adequately maintaining the DOSB OU. There are no issues requiring corrective actions.</p>                                                                                                                                                                                                                                                                                               |
| <p><b>C. Early Indicators of Potential Remedy Failure</b></p> <p>Describe issues and observations such as unexpected changes in the cost or scope of O&amp;M or a high frequency of unscheduled repairs that suggest that the protectiveness of the remedy may be compromised in the future.</p> <p>N/A</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <p><b>D. Opportunities for Optimization</b></p> <p>Describe possible opportunities for optimization in monitoring tasks or the operation of the remedy.</p> <p>N/A</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

*End of Checklist*

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## **L-AREA SOUTHERN GROUNDWATER OPERABLE UNIT**

### **I. Introduction**

This report is the fourth five-year remedy review for the L-Area Southern Groundwater (LASG) Operable Unit (OU). The review was conducted from August 2019 through November 2019. Contaminants have been left in place at the LASG OU at levels that do not allow for unlimited use and unrestricted exposure. The purpose of this review is to determine whether the remedy in place at the LASG OU is protective of human health and the environment. This report documents the results of the review.

### **II. OU Chronology**

Table F-1 lists the chronology of site events for the LASG OU.

### **III. Background**

The LASG OU is a Resource Conservation and Recovery Act (RCRA)/Comprehensive Environmental Response, Compensation, and Liability Act unit in Appendix C of the Federal Facility Agreement (FFA) for Savannah River Site (SRS) (FFA 1993). The media of concern is local groundwater. Surface water downgradient of the LASG OU is monitored to evaluate the effectiveness of the selected remedy.

#### **Physical Characteristics**

L Area is located in the southcentral portion of the SRS in Barnwell County, South Carolina (Figure F-1). LASG OU encompasses the groundwater from the L-Area groundwater divide south to L-Lake (Figure F-2). The original pre-work plan characterization outline for the LASG OU covered about 508 hectares (1,250 acres) and included several remediated/depleted source units, which supported past production activities (WSRC 2005). Groundwater characterization included the review of analytical data from 93 monitoring wells and 109 cone penetrometer technology (CPT) locations within the

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LASG OU (Figure F-3) between January 2000 and January 2004. The majority of the sampling occurred in 2000.

Operation activities in L Area have resulted in three contaminant plumes in the local groundwater:

- Western tritium plume, which originated at the L-Area Emergency Retention Basin (LAERB);
- Southwest commingled volatile organic compounds (VOCs) and tritium plume, which originated in the vicinity of the L-Area Disassembly Basin (LADB); and
- Southeast commingled VOCs and tritium plume, with likely sources from the L-Area Reactor Seepage Basin (LRSB), L-Area Oil and Chemical Basin (LAOCB), and L-Area Hot Shop (LAHS).

There are no active sources of groundwater contamination in the LASG OU. Historical sources have been remediated, depleted, or reconditioned for new missions.

### **Land and Resource Use**

The land use control boundaries for LASG OU are predominantly outside of the industrial area for L-Area. However, shallow groundwater and surface water at SRS are not used for drinking water, hygiene, recreation, or process water. According to the *Savannah River Site Future Use Project Report* (USDOE 1996), residential uses of the SRS land should be prohibited. The future land use for this OU is reasonably anticipated to be industrial with the U.S. Department of Energy (USDOE) maintaining control of the land.

### **History of Contamination**

The L-Area Reactor achieved criticality in August 1954 and operated from 1954 to 1968 and 1984 to 1988. Tritium was produced in the reactor and VOCs were used as solvents and degreasers. Past activities at or near the source units listed above (LAERB, LADB, LRSB, LAOCB, and LAHS) have resulted in groundwater contamination in LASG OU. The tritium and VOC plumes are shown in Figure F-2.

The primary historical sources of contamination in the groundwater in the LASG OU have been remediated or depleted. Subsurface soils beneath these remediated waste sites were the secondary sources of groundwater contamination. The contamination history of the source units is discussed below:

- The LAERB is no longer active and was never used as designed; however, tritiated water was released to the basin during testing in the 1980s. Rainwater flushed the original tritium source out of the unit into the groundwater through the permeable bottom of the basin.
  - Groundwater in the vicinity of the LADB was previously contaminated by leaks and spills associated with previous operations. Upgrades to equipment and handling processes support its current mission as an active facility. Current data indicate the LADB is not an active source of groundwater contamination as tritium concentrations in adjacent wells have dramatically decreased from historical values. The LADB is being monitored for any new releases related to its new mission under a separate program.
  - The LRSB is a L-shaped unlined earthen basin that was designed to hold contaminated wastewater from L-Area reactor operations that was not appropriate for discharge to local streams due to elevated radiological activity. Discharges to the LRSB were conducted from 1958 to 1968 and from 1985 to 1988. Contaminated soils posed a potential contaminant migration concern to groundwater. Contaminated soils and pipelines were consolidated in the basins and a low permeability soil cover was installed to reduce water infiltration while natural radioactive decay reduces the contaminant levels.
  - The LAHS was primarily used for repairing equipment from the reactor areas, which may have been contaminated with radionuclides. Radionuclides deposited on the concrete floors of the LAHS buildings and the associated storage facilities and in the drain lines appear to be the primary source material. Remediation was completed in 2005, which consisted of the removal of contaminated drain lines, concrete floor slabs, and soils. Clean topsoil and vegetation were placed in the area.
-

- The LAOCB was constructed in 1961 as an unlined seepage basin to receive wastewater from the LAHS. The LAHS discharged decontamination wastewater containing radionuclides, detergents, and spent degreasing solvents through the pipeline to the basin. It also received wastewater from other areas of SRS that were transported in drums and tanker trucks, which included liquid wastes consisting of small volumes of slightly radioactive oil and chemical wastewater. The LAOCB remained active until 1979. Remediation of the LAOCB was completed in 2001 and included consolidation of contaminated material, in-situ stabilization by grouting soil, and installation of a low permeability soil cover system.

### **Initial Response**

There was no initial response for the LASG OU. There are no active sources of groundwater contamination in the LASG OU. Historical sources have been remediated, depleted, or reconditioned for new missions.

### **Basis for Taking Action**

The potential exposure to or ingestion of groundwater contaminated above maximum contaminant levels (MCLs) poses a potential increased risk of cancer to human receptors and is the basis for taking action at the LASG OU.

The refined constituents of concern (RCOCs) for groundwater at LASG OU are tritium, tetrachloroethylene (PCE), and trichloroethylene (TCE). The highest contaminant levels observed in local groundwater, broken into four groups (Pre-remedial investigation [RI], RI, Post-RI, present), are summarized in Table F-2. CPT data are included in the pre-RI data set and contain high tritium values that are not seen in the monitoring well network; therefore, the pre-RI and RI tritium concentrations vary significantly. The remedial goals (RGs) for LASG OU are the MCLs as listed in Table F-2.

The bulk of contaminated groundwater is confined to the portion of the Upper Three Runs aquifer above the tan clay. Figure F-2 shows the LASG OU plumes. The western plume is only contaminated with tritium while the two plumes directly downgradient southwest and southeast of L Area are contaminated with tritium, PCE, and TCE. The analytical

results for these three constituents are summarized in Table F-2. Surface water sample stations are shown on Figure F-2 and the results for tritium at these stations are listed in Table F-3; SC26 and SC27 are at the L-Lake dam standpipe and spillway, respectively. PCE and TCE have not been detected in the surface water, except once in 2010 at station SC24 at levels below 1 µg/L.

Exposure of future industrial workers and/or residents to TCE, PCE, and tritium in groundwater above their respective MCLs could increase the risk of cancer. If land use controls (LUCs) are not maintained, exposure could occur through ingestion, dermal contact, and inhalation of contaminated groundwater. Groundwater contamination was evaluated against MCLs based on South Carolina Department of Health and Environmental Control (SCDHEC) groundwater regulation R.61-58.5, which is protective for both future residential and future industrial scenarios.

#### **IV. Remedial Actions**

##### **Remedy Selection**

As stated in the Record of Decision (ROD) (WSRC 2007a), the selected remedy for the LASG OU is monitored natural attenuation (MNA) with institutional controls (i.e., LUCs). The selected remedial action for the LASG OU will address both of the commingled VOCs and tritium plumes of L Area and the tritium plume west of L Area. LUCs will minimize the potential for human exposure to contaminated groundwater until MCLs are achieved.

The following remedial action objectives (RAOs) have been identified for the LASG OU:

- Prevent human exposure to groundwater above MCLs.
- Treat and/or mitigate groundwater contaminated above MCLs to reduce the discharge of groundwater exceeding MCLs to L-Lake.

These RAOs are intended to protect current workers and future industrial workers, minimize the impact of groundwater discharging to surface water, and return groundwater to usable conditions. The RGs for the LASG OU contaminants of concern are the MCLs.

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### **Remedy Implementation**

The remedial action is meeting the RAOs, by implementing the following activities:

- Established a groundwater monitoring network by installing ten new monitoring wells (WSRC 2007b).
- Established a MNA program to monitor natural attenuation processes (dispersion, dilution, and radioactive decay) which are occurring at the LASG OU and are effective in reducing contaminant concentrations below remedial goals. Twenty-six groundwater monitoring wells and five surface water monitoring stations (Figure F-2) make up the monitoring network. Details of the requirements for MNA monitoring at the LASG OU are presented in the Effectiveness Monitoring Plan (EMP) (WSRC 2008) and the subsequent addendum to the EMP (SRNS 2013).
- There are no active, continuing sources of groundwater contamination at the LASG OU. As stated in the EMP, one of the groundwater monitoring data quality objectives is ensuring that there are no releases of contaminants from unknown or existing sources and that remediated or depleted sources are under control. The ROD or post-ROD documents for LRSB (WSRC 2002) and LAOCB (WSRC 1999) both required that evaluation of the effectiveness of those remedies would be addressed through monitoring implemented as part of the LASG OU.
- Established LUCs for 387 hectares (952 acres), which includes implementing LUCs at LASG OU. This consists of general site access controls (gates, fences, and patrol at the site boundary), use restrictions via the SRS Site Use/Site Clearance program, and future deed restrictions and notifications to prevent exposure of human receptors to contaminated groundwater if property is transferred to non-federal ownership.

### **System Operations/Operation and Maintenance**

There are no system operational requirements.

The following maintenance activities are ongoing:



- Long-term monitoring of groundwater conditions in the plumes and surface water conditions in L-Lake, including maintenance of the monitoring network. In 2014, an Explanation of Significant Differences (ESD) for the Revision 1 ROD Remedial Alternative Selection for the LASG OU (SRNS 2014) was issued. The ESD set a contained-in determination that groundwater concentrations within the LASG OU monitoring network at or below 56 µg/L for PCE and 54 µg/L for TCE would not be considered RCRA listed waste and purge water can be discharged to the ground. If levels are above the limits, then containerization of the groundwater will be required for treatment or disposal. The MNA monitoring results are reported via biennial Effectiveness Monitoring Reports (EMRs) or groundwater data summary report letters. MNA will be performed until RGs are achieved (estimated in approximately 2090).
- LUCs are being enforced for all groundwater contaminated above MCLs within the OU and under adjacent portions of L-Lake. Restrictions on the use of groundwater within the LUC outline will be enforced as long as contaminant levels exceed MCLs.

The estimated operation and maintenance (O&M) costs associated with the selected remedy for LASG includes long-term groundwater monitoring and reporting and LUCs (WSRC 2007a). The estimated O&M cost from the ROD since the last remedy review for these activities is \$269,560 for Fiscal Year (FY) 2015 through FY2019. The actual O&M cost for FY2015 through FY2019 is \$135,043. The actual costs are lower than expected because well redevelopment costs are significantly lower than estimated.

## **V. Progress Since Last Review**

This is the fourth five-year remedy review for the LASG OU. The previous protectiveness statement concluded that because the remedial actions are protective, the LASG OU is protective of human health and the environment.

There were no recommendations or follow-up actions from the last five-year remedy review.

## **VI. Five-Year Review Process**

The following tasks were performed as part of the five-year remedy review:

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- Reviewed the documents listed in Section XII, Documents Reviewed;
- Confirmed implementation of the remedial action;
- Reviewed all process and performance monitoring data provided by biennial EMRs and provided a technical assessment of whether MNA is functioning as intended by the ROD;
- Inspected the OU, interviewed maintenance personnel, and documented the results on the Inspection Checklist provided in Attachment F-1 with the purpose of assessing the protectiveness of the remedy and the functionality of the access controls; and
- Reviewed changes in standards and to-be-considered guidance.

#### ***Data Review***

One biennial EMR has been submitted and reviewed since the last five-year remedy review (SRNS 2016). This report included all sample results for tritium, PCE, and TCE collected from monitoring wells and surface water stations during 2014 through 2015, time-series plots at each station since 1993, and plume maps. In 2018, a biennial data summary letter report was submitted and reviewed; the letter report presented the sampling results from 2016 and 2017 and included plume maps (SRNS 2018).

#### ***Summary of Inspections and Interviews***

Interviews were conducted with Phil Carter, O&M staff member, and Brian Hanshew, O&M Site Manager, on November 5, 2019 at the O&M organization offices. No issues were identified for the LASG OU during these interviews. The LASG OU was inspected by Savannah River Nuclear Solutions, LLC (SRNS) Environmental Compliance and Area Completion Projects (EC&ACP) on October 22, 2019. No issues were identified during these inspections.

The LASG OU was inspected by SRNS EC&ACP and USDOE personnel on December 9, 2019. No issues were identified for the LASG OU during this inspection.

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A site inspection was conducted by U.S. Environmental Protection Agency (USEPA) and SCDHEC personnel, accompanied by USDOE and SRNS personnel February 27, 2020. No significant problems regarding this OU will be identified during the inspection.

## **VII. Technical Assessment**

### **Is the Remedy Functioning as Intended by the Decision Document?**

The remedy is functioning as intended as demonstrated below:

- The selected remedy component of LUCs is effective in preventing human exposure to groundwater above MCLs. The Land Use Control Implementation Plan for LASG OU governs LUC implementation, maintenance, monitoring, reporting, and enforcement of LUCs (WSRC 2009). All LUC objectives are being met.
- The selected remedy (MNA) is effective in treating groundwater to reduce the amount of discharge of groundwater exceeding MCLs to L-Lake as reported in the biennial EMRs and groundwater data summary letter reports. The sources of the groundwater contamination have been depleted. The processes of dispersion, dilution, and radioactive decay are lowering contaminant levels at LASG OU, such that groundwater will be restored to concentrations below MCLs in a reasonable timeframe.

Tritium levels have decreased in source zone monitoring wells dramatically over the last 15 to 20 years with values dropping from over 1,000 pCi/mL to currently under the MCL of 20 pCi/mL. These decreasing tritium levels are shown in the time-series plot for well LAW 2 (Figure F-5). The surface water data from station SC27 in Table F-3 further demonstrates that contaminated groundwater discharging to L-Lake quickly mixes with the surface water and tritium levels exiting L-Lake are well below the MCL. All LUC boundary wells remain non-detect, or of low concentrations below the MCL. All three tritium plumes (Figure F-2) are shrinking and migrating as expected from modeling (WSRC 2004).

The PCE and TCE plumes have decreased in size over the last 15 years. Contaminant levels are not increasing (Figure F-6), and the plumes are progressing as expected from modeling (WSRC 2004). L-Lake surface water results have remained well below the MCL

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(5 µg/L) for PCE and TCE, with the majority of the results being non-detect. These results are due to the rapid dispersion and volatilization of VOCs within the lake. LUC boundary wells remain non-detect for VOCs.

More detailed discussions on the tritium and VOC plumes can be found in the previous biennial EMR from 2016 (SRNS 2016) and the 2018 biennial data summary letter report (SRNS 2018).

Modeling predicted that groundwater would remain contaminated for approximately 90 years (until approximately 2090) (WSRC 2004). MNA remains the best option for the contaminated groundwater as contaminant levels are decreasing, the plumes are decreasing in size, and contaminant levels in L-Lake are not discharging above MCLs and are showing a decreasing trend.

Additionally, 2016 data results from the LRSB and LAOCB performance monitoring sampling showed there are no contaminant migration concerns associated with their associated surface units (Table F-5; Figure F-4).

#### **Are Exposure Assumptions, Toxicity Data, Cleanup Levels, and Remedial Action Objectives still valid?**

The exposure assumptions, toxicity data, cleanup levels, and RAOs used at the time of remedy selection are still valid. There have been no changes in standards or physical conditions of the LASG OU that would affect the protectiveness of the remedy.

#### **Has any Other Information Come to Light that Could Call into Question the Protectiveness of the Remedy?**

No other information has come to light that could call into question the protectiveness of the remedy.

### **VIII. Issues**

There are no issues related to current site operations, conditions, or activities that currently prevent the remedy for the LASG OU from being protective.

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**IX. Recommendations and Follow-up Actions**

There are no recommendations or follow-up actions for the LASG OU.

**X. Protectiveness Statement(s)**

The remedy at the LASG OU is protective of human health and the environment.

Exposure pathways that could result in unacceptable risks are being controlled by institutional controls (i.e., LUCs) to prevent exposure to or ingestion of contaminated groundwater. All threats to contaminated groundwater at LASG OU are being addressed through physical access controls to prevent unauthorized entry to SRS (fences, guards, security patrols, etc.), administrative controls that maintain the LASG OU for industrial use only and use restrictions via the SRS Site Use/Site Clearance Program.

**XI. Next Review**

As shown in Appendix A, Table A-1, the next five-year remedy review for SRS OUs with Groundwater Remedies is scheduled for January 2026.

**XII. Documents Reviewed**

FFA, 1993. *Federal Facility Agreement for the Savannah River Site*, Administrative Docket No. 89-05-FF (Effective Date: August 16, 1993)

SRNS, 2013. *Addendum to the Monitored Natural Attenuation Effectiveness Monitoring Plan for the L-Area Southern Groundwater Operable Unit (NBN)(U)*, SRNS-RP-2012-00857, Revision 1, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

SRNS 2014. *Explanation of Significant Differences for the Revision 1 Record of Decision Remedial Alternative Selection for the L-Area Southern Groundwater Operable Unit (NBN) (U)*, SRNS-RP-2012-00736, Revision 1, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

SRNS, 2016. *Biennial Effectiveness Monitoring Report for Monitored Natural Attenuation at the L-Are Southern Groundwater Operable Unit (U) 2014 through 2015*, SRNS-RP-

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2016-00413, Revision 0, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

SRNS, 2018. *Biennial Effectiveness Monitoring Report (Sampling Summary) for the Monitored Natural Attenuation at the L-Area Southern Groundwater Operable Unit, 2016 through 2017*, IACD-18-156, dated June 20, 2018, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

USDOE, 1996. *Savannah River Site Future Use Project Report*, U.S. Department of Energy, Savannah River Operations Office, Savannah River Site, Aiken, SC

WSRC, 1999. *Corrective Measures Implementation/Remedial Design Report/Remedial Action Work Plan (CMI/RDR/RAWP) for L-Area Oil and Chemical Basin (904-83G) (U)*, WSRC-RP-97-844, Revision 1.4, Westinghouse Savannah River Company, LLC, Savannah River Site, Aiken SC

WSRC, 2002. *Unit-Specific Plug-In Record of Decision Amendment for the C-Area Reactor Seepage Basin (904-67G) and L-Area Reactor Seepage Basin (904-64G) (U)*, WSRC-RP-2002-4063, Revision 1, Westinghouse Savannah River Company, LLC, Savannah River Site, Aiken, SC

WSRC, 2004. *Groundwater Flow and Transport Model of the L-Area Southern Groundwater Operable Unit (U)*, WSRC-RP-2004-4082, Revision 0, Westinghouse Savannah River Company, Savannah River Site, Aiken SC

WSRC, 2005. *RCRA Facility Investigation/Remedial Investigation for the L-Area Southern Groundwater Operable Unit (U)*, WSRC-RP-2003-4171, Revision 1.1, Westinghouse Savannah River Company, Savannah River Site, Aiken, SC

WSRC, 2007a. *Record of Decision for the L-Area Southern Groundwater Operable Unit (NBN) (U)*, WSRC-RP-2006-4052, Revision 1.1, Washington Savannah River Company, Savannah River Site, Aiken, SC

WSRC, 2007b. *Corrective Measures Implementation/ Remedial Action Implementation Plan for the L-Area Southern Groundwater Operable Unit (NBN) (U)*, WSRC-RP-2007-4050, Revision 0, Washington Savannah River Company, Savannah River Site, Aiken, SC

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WSRC, 2008. *Monitored Natural Attenuation Effectiveness Monitoring Plan for the L-Area Southern Groundwater Operable Unit (NBN) (U)*, WSRC-RP-2007-4048, Revision 1, Washington Savannah River Company, Savannah River Site, Aiken, SC

WSRC, 2009. *Land Use Control Implementation Plan for L-Area Southern Groundwater Operable Unit (NBN) (U)*, WSRC-RP-2007-4049, Revision 1, Washington Savannah River Company, Savannah River Site, Aiken, SC

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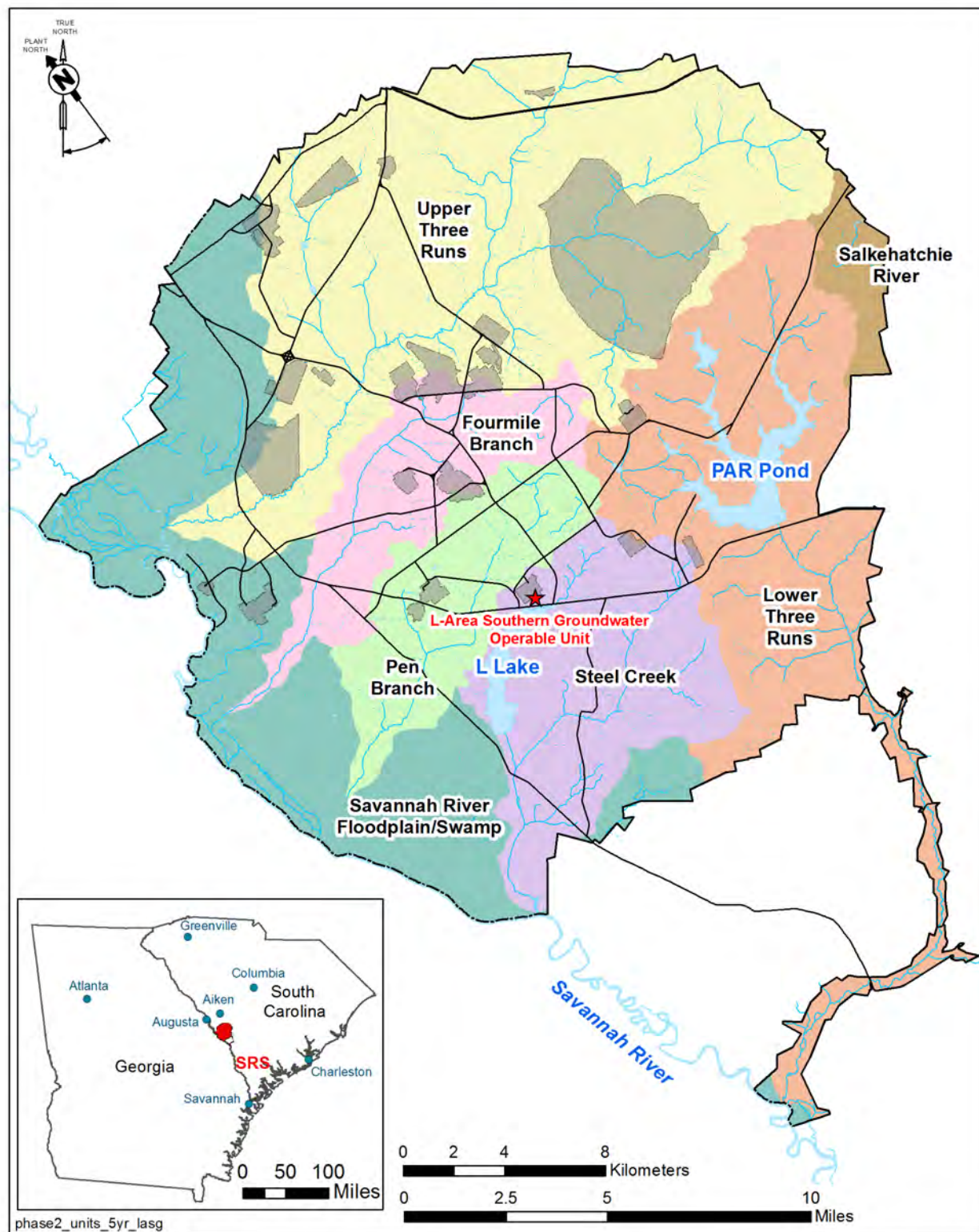


Figure F-1. Location of the L-Area Southern Groundwater OU at SRS

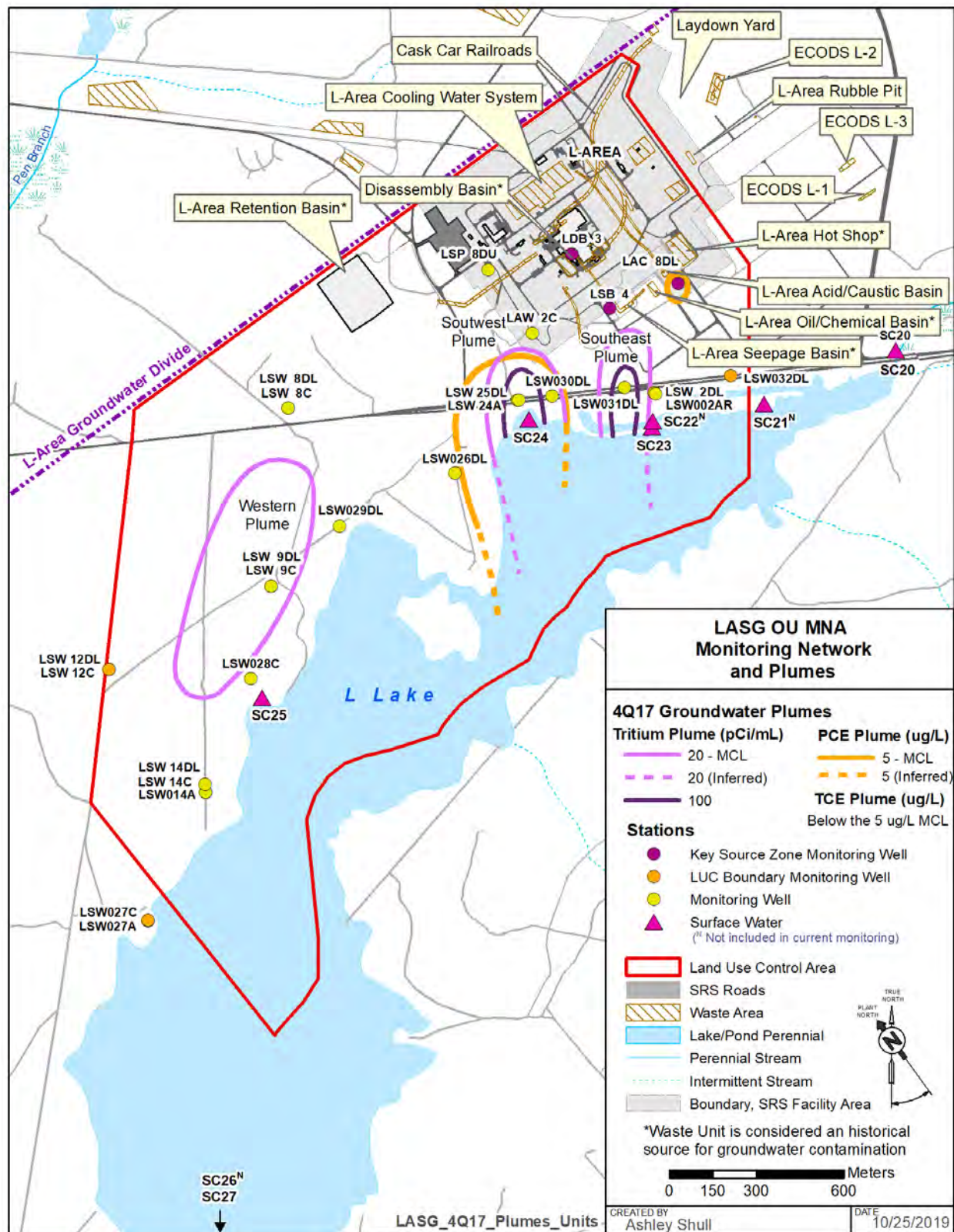


Figure F-2. Layout of the L-Area Southern Groundwater Operable Unit with Plumes



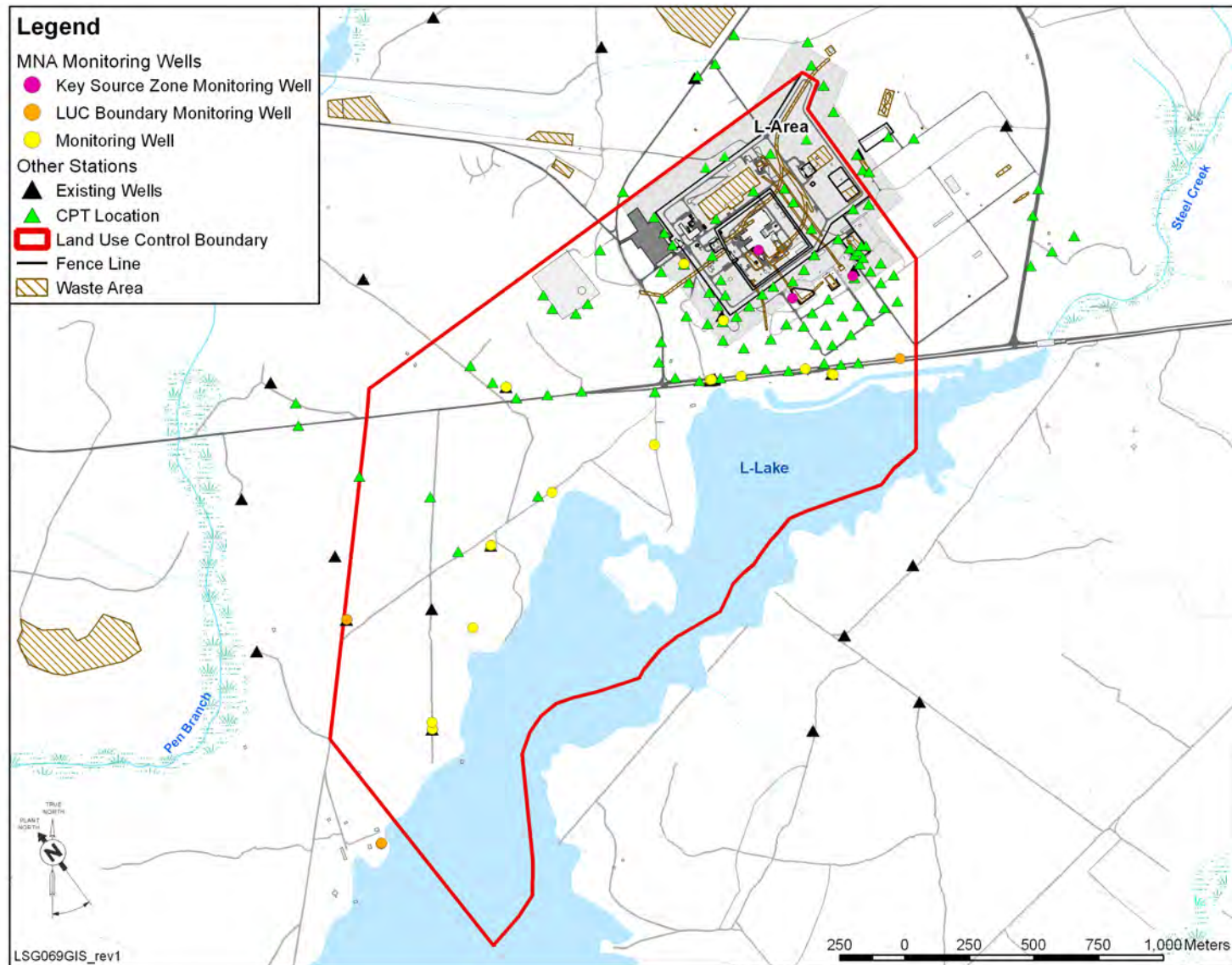


Figure F-3. Well and CPT Coverage Map

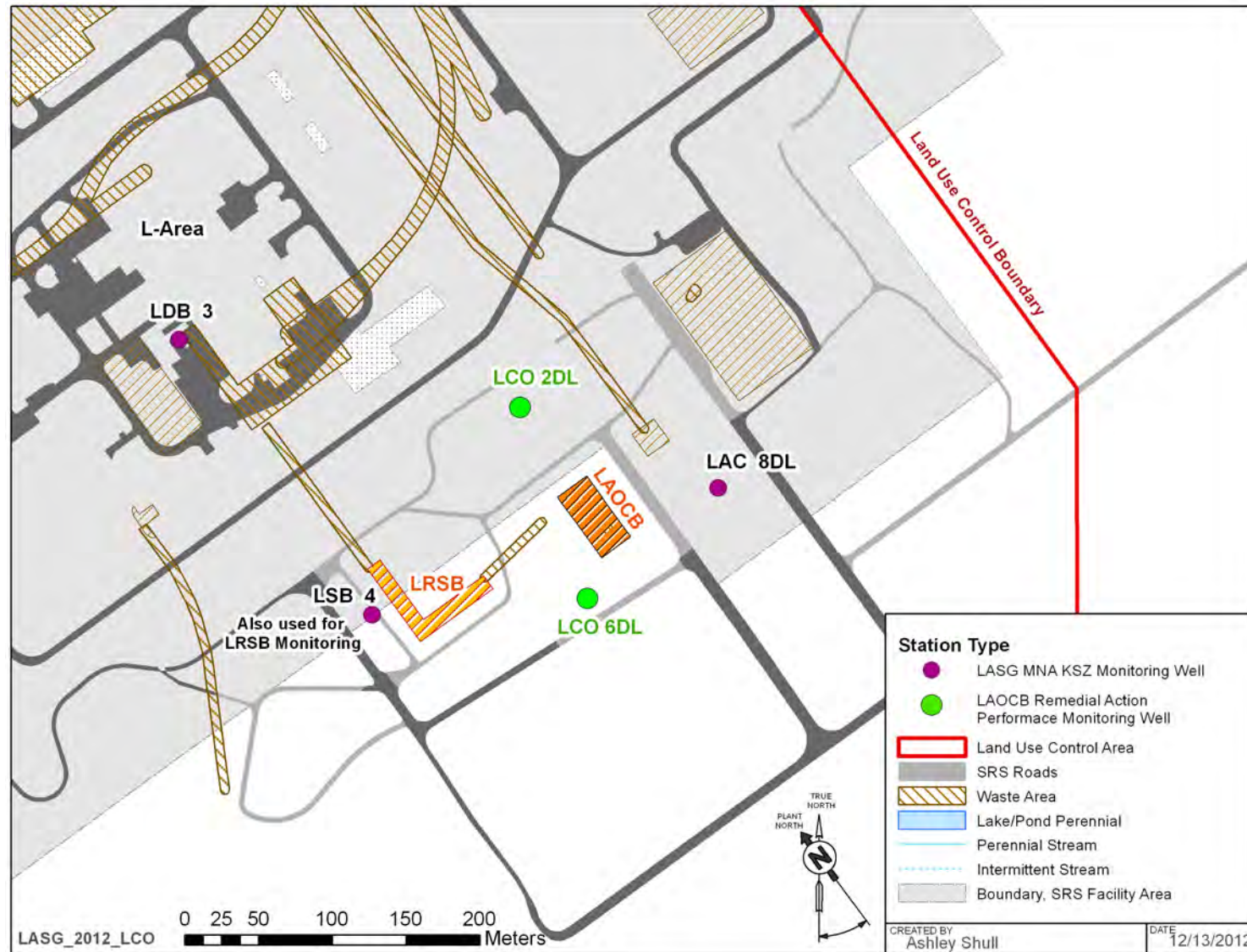


Figure F-4. LRSB and LAOCB Performance Monitoring Station Locations

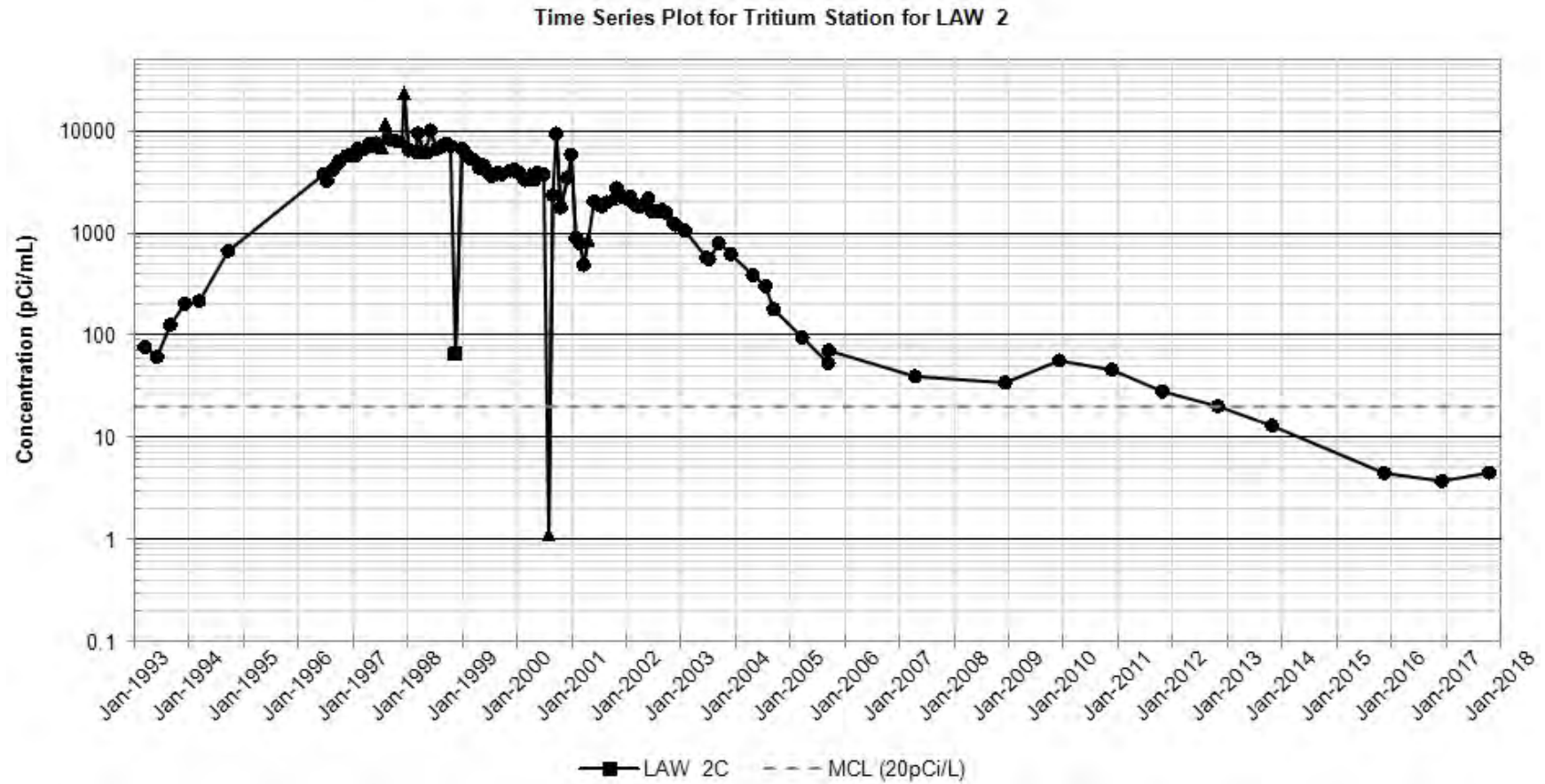


Figure F-5. Time Series Plot for Tritium for Source Zone Well LAW 2



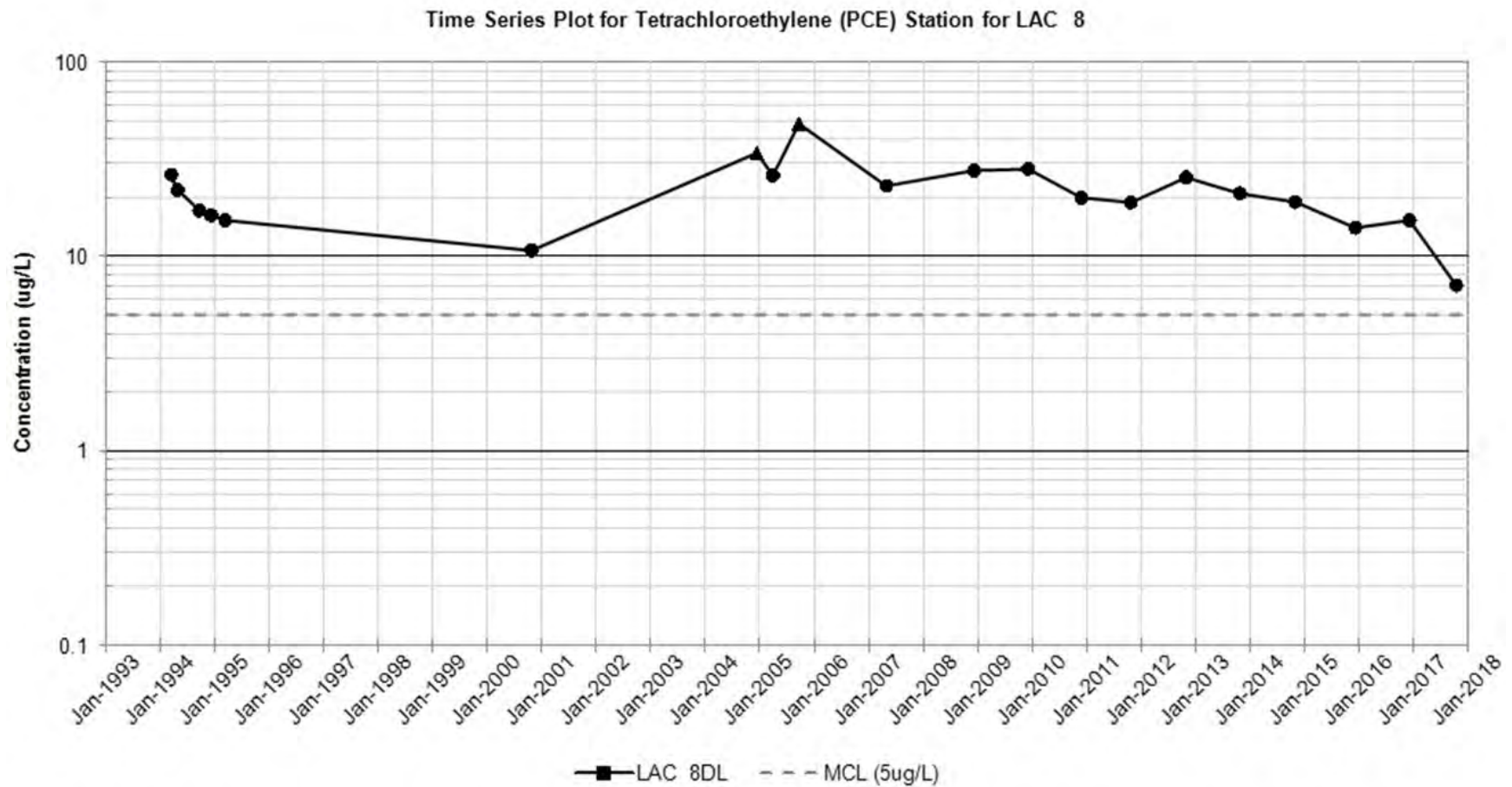


Figure F-6. Time Series Plot for PCE for Source Zone Well LAC 8DL

**Table F-1. Chronology of Events**

| Event                                         | Date                                                      |
|-----------------------------------------------|-----------------------------------------------------------|
| RI Start / Complete                           | August 2, 2000 / July 26, 2004                            |
| ROD Issuance                                  | May 9, 2007                                               |
| Remedial Action Construction Start / Complete | February 25, 2008 / May 7, 2008                           |
| Remedial Action Operations Start / Complete   | December 8, 2008 / on-going                               |
| ESD Issuance                                  | September 10, 2014                                        |
| Previous Five-Year Remedy Review              | February 4, 2009 / February 4, 2014 /<br>February 2, 2017 |

**Table F-2. MCL Listing for LASG and Maximum Groundwater Results Summary**

| RCOC             | MCL | Pre-RI<br>1981 - 1999 | RI<br>Jan '00 – Jul '04 | Post-RI<br>Jul 26, 2004 – 2013 | Present |
|------------------|-----|-----------------------|-------------------------|--------------------------------|---------|
| Range of dates   |     | Prior to 2001         | 2001 - 2004             | 2005 - 2013                    | 2017    |
| Tritium (pCi/mL) | 20  | 26,200                | 5,850                   | 1,230                          | 593     |
| PCE (µg/L)       | 5   | 165                   | 58                      | 60                             | 48.4    |
| TCE (µg/L)       | 5   | 124                   | 9                       | 21                             | 3.68    |

**Table F-3. Analytical Results for Tritium (pCi/mL) in L-Lake**

| Station ID | Oct 2005    | Jun 2006    | Dec 2006    | May 2007    | Dec 2007    | Dec 2008    | Dec 2009    | Dec 2010    | Oct 2011    | Oct 2012   | Nov 2013 | Nov 2014 | Nov 2015 | Dec 2016    | Oct/Nov 2017 |
|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|----------|----------|----------|-------------|--------------|
| SC20       | 16.5        | 14.2        | <b>58.1</b> | 14.2        | 18.9        | <b>20.5</b> | <b>58.2</b> | <b>49.2</b> | <b>54.5</b> | 11.1       | 11.2     | 7.36     | 6.32     | <b>21.7</b> | 8.64         |
| SC21       | 14.3        | 13.9        | 14.2        | 13.8        | NS          | NS          | NS          | NS          | NS          | NS         | NS       | NS       | NS       | NS          | NS           |
| SC22       | J 0.984     | 2.14        | J 2.1       | 4.27        | NS          | NS          | NS          | NS          | NS          | NS         | NS       | NS       | NS       | NS          | NS           |
| SC23       | <b>30</b>   | 19.5        | <b>234</b>  | <b>33.5</b> | 11.6        | <b>54.9</b> | ND          | J 0.558     | 1.34        | ND         | 3.38     | ND       | NS       | NS          | 2.36         |
| SC24       | <b>22.1</b> | <b>53.2</b> | <b>257</b>  | <b>34.3</b> | <b>30.7</b> | <b>47.7</b> | <b>78.3</b> | <b>145</b>  | <b>28.9</b> | <b>105</b> | 7.24     | 4.63     | 5.78     | J 0.753     | 3.95         |
| SC25       | 13.3        | 9.8         | 12          | 11.9        | 8.98        | 5.17        | 6.41        | 7.2         | 6.49        | 5.11       | 3.93     | 4.06     | 3.14     | 1.87        | 3.43         |
| SC26       | 11.3        | 12.9        | 12.8        | 12.7        | NS          | NS          | NS          | NS          | NS          | NS         | NS       | NS       | NS       | NS          | NS           |
| SC27       | 11.9        | 11.9        | 9.24        | 12          | 10          | 8.17        | 6.22        | 6.94        | 6.88        | 5.96       | 4.79     | 4.77     | 3.44     | 3.79        | 3.24         |

J: Qualifier on a value indicates that the analyte was positively identified in the sample at a concentration below the quantitation limit; the reported value is estimated. NS: Not Sampled. ND: Not Detected. Note: Results in bold face type exceed the 20 pCi/mL MCL for tritium.

**Table F-4. Actual versus Estimated O&M Costs**

|                                           | <b>FY2015</b> | <b>FY2016</b> | <b>FY2017</b>        | <b>FY2018</b> | <b>FY2019</b> | <b>Five-Year<br/>Total</b> |
|-------------------------------------------|---------------|---------------|----------------------|---------------|---------------|----------------------------|
| Total Actual O&M Costs (\$)               | 23,967        | 75,580        | 10,215               | 18,313        | 6,967         | 135,043                    |
| Total ROD Estimated Direct O&M Costs (\$) | 81,520        | 0             | 106,520 <sup>1</sup> | 0             | 81,520        | 269,560                    |

<sup>1</sup>FY2017 estimated costs include costs associated with the fifth five-year remedy review.

**Table F-5. LAOCB and LRSB Performance Monitoring Results (2016)**

|                        | CARBON-14 | COBALT-60 | GROSS ALPHA | NONVOLATILE BETA | STRONTIUM-90 | TRITIUM |
|------------------------|-----------|-----------|-------------|------------------|--------------|---------|
| <b>LAOCB Results</b>   |           |           |             |                  |              |         |
| Units                  | pCi/L     | pCi/L     | pCi/L       | pCi/L            | pCi/L        | pCi/mL  |
| MCL/PRG                | 2,000     | 100       | 15          | 50               | 8            | 20      |
| LCO 2DL<br>(8/24/2016) | ND        | ND        | ND          | 4.84 J           | ND           | ND      |
| LCO 6DL<br>(8/25/2016) | 352       | ND        | 2.81 J      | ND               | ND           | 1.5     |
| <b>LRSB Results</b>    |           |           |             |                  |              |         |
| LSB 4<br>(8/24/2016)   | NA        | NA        | NA          | NA               | ND           | NA      |

J: Qualifier on a value indicates that the analyte was positively identified in the sample at a concentration below the quantitation limit; the reported value is estimated.

NA: Not Applicable

ND: Not Detected



Attachment F-1. Five-Year Review Site Inspection Checklist – L-Area Southern Groundwater Operable Unit

| I. SITE INFORMATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                |                                                                                       |                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------|
| Site Name:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | L-Area Southern Groundwater Operable Unit                                      | Date of Inspection:                                                                   | 10/22/2019                     |
| Location and Region                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | SRS, USEPA Region 4                                                            | EPA ID:                                                                               | SEMS #31                       |
| Agency, Office, or Company leading the Five-Year Review                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | USDOE                                                                          | Weather/ Temperature                                                                  | 81°F and partly sunny          |
| <b>Remedy Includes:</b> (Click all that apply) <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input type="checkbox"/> Landfill Cover/Containment             </div> <div style="width: 50%;"> <input type="checkbox"/> Surface Water Pump and Treatment             </div> <div style="width: 50%;"> <input checked="" type="checkbox"/> Access Controls             </div> <div style="width: 50%;"> <input checked="" type="checkbox"/> Monitored Natural Attenuation             </div> <div style="width: 50%;"> <input checked="" type="checkbox"/> Institutional Controls             </div> <div style="width: 50%;"> <input type="checkbox"/> Groundwater Containment             </div> <div style="width: 50%;"> <input type="checkbox"/> Groundwater Pump and Treatment             </div> <div style="width: 50%;"> <input type="checkbox"/> Vertical Barriers             </div> <div style="width: 50%;"> <input type="checkbox"/> Other _____             </div> </div> |                                                                                |                                                                                       |                                |
| <b>Attachments:</b> <input type="checkbox"/> Inspection team roster attached <input type="checkbox"/> Inspection team roster attached                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                |                                                                                       |                                |
| II. INTERVIEWS (Click all that apply)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                |                                                                                       |                                |
| 1. O&M Site Manager:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <u>Brian Hanshew</u><br>(Name)                                                 | <u>ACP Field Execution Team 2</u><br>(Title)                                          | <u>11/05/2019</u><br>(Date)    |
| Interviewed:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <input type="checkbox"/> At Site <input checked="" type="checkbox"/> At Office | <input type="checkbox"/> By Phone                                                     | Phone No.: <u>803-952-4949</u> |
| Problems/Suggestions:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <input type="checkbox"/> Report Attached _____                                 |                                                                                       |                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                |                                                                                       |                                |
| 2. O&M Staff:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <u>Phil Carter</u><br>(Name)                                                   | <u>EC&amp;ACP Post Closure Waste Site<br/>Inspector/Maintenance Coord.</u><br>(Title) | <u>11/05/2019</u><br>(Date)    |
| Interviewed:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <input type="checkbox"/> At Site <input checked="" type="checkbox"/> At Office | <input type="checkbox"/> By Phone                                                     | Phone No.: <u>803-952-4145</u> |
| Problems/Suggestions:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <input type="checkbox"/> Report Attached _____                                 |                                                                                       |                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                |                                                                                       |                                |

Attachment F-1. Five-Year Review Site Inspection Checklist – L-Area Southern Groundwater Operable Unit (continued)

| II. INTERVIEWS (Click all that apply) (Continued)                                                                                                                                                                                                                                              |                                                       |                                                |                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------|-----------------------------------------|
| <b>3. Local Regulatory Authorities and Response Agencies</b> (i.e., State and tribal offices, emergency response office, police department, office of public health or environmental health, zoning office, recorder of deeds or other city and county offices, etc.). Fill in all that apply. |                                                       |                                                |                                         |
| Agency: _____                                                                                                                                                                                                                                                                                  |                                                       |                                                |                                         |
| Contact: _____                                                                                                                                                                                                                                                                                 | _____                                                 | _____                                          | _____                                   |
| (Name)                                                                                                                                                                                                                                                                                         | (Title)                                               | (Date)                                         | (Phone No.)                             |
| Problems/Suggestions: <input type="checkbox"/> Report Attached <u>No issues identified.</u>                                                                                                                                                                                                    |                                                       |                                                |                                         |
| _____                                                                                                                                                                                                                                                                                          |                                                       |                                                |                                         |
| Agency: _____                                                                                                                                                                                                                                                                                  |                                                       |                                                |                                         |
| Contact: _____                                                                                                                                                                                                                                                                                 | _____                                                 | _____                                          | _____                                   |
| (Name)                                                                                                                                                                                                                                                                                         | (Title)                                               | (Date)                                         | (Phone No.)                             |
| Problems/Suggestions: <input type="checkbox"/> Report Attached _____                                                                                                                                                                                                                           |                                                       |                                                |                                         |
| _____                                                                                                                                                                                                                                                                                          |                                                       |                                                |                                         |
| Agency: _____                                                                                                                                                                                                                                                                                  |                                                       |                                                |                                         |
| Contact: _____                                                                                                                                                                                                                                                                                 | _____                                                 | _____                                          | _____                                   |
| (Name)                                                                                                                                                                                                                                                                                         | (Title)                                               | (Date)                                         | (Phone No.)                             |
| Problems/Suggestions: <input type="checkbox"/> Report Attached _____                                                                                                                                                                                                                           |                                                       |                                                |                                         |
| _____                                                                                                                                                                                                                                                                                          |                                                       |                                                |                                         |
| <b>4. Other Interviews (Optional):</b> <input type="checkbox"/> Report Attached _____                                                                                                                                                                                                          |                                                       |                                                |                                         |
| _____                                                                                                                                                                                                                                                                                          |                                                       |                                                |                                         |
| _____                                                                                                                                                                                                                                                                                          |                                                       |                                                |                                         |
| _____                                                                                                                                                                                                                                                                                          |                                                       |                                                |                                         |
| III. ONSITE DOCUMENTS & RECORDS VERIFIED (Click all that apply)                                                                                                                                                                                                                                |                                                       |                                                |                                         |
| <b>1. O&amp;M Documents:</b>                                                                                                                                                                                                                                                                   |                                                       |                                                |                                         |
| <input type="checkbox"/> O&M Manual                                                                                                                                                                                                                                                            | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| <input checked="" type="checkbox"/> As-Built Drawings                                                                                                                                                                                                                                          | <input checked="" type="checkbox"/> Readily Available | <input checked="" type="checkbox"/> Up to Date | <input type="checkbox"/> N/A            |
| <input type="checkbox"/> Maintenance Logs                                                                                                                                                                                                                                                      | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks: <u>Monitoring wells are inspected per ER-SOP-011, "ACP Monitoring Well Inspection (U)".</u>                                                                                                                                                                                           |                                                       |                                                |                                         |
| _____                                                                                                                                                                                                                                                                                          |                                                       |                                                |                                         |

**Attachment F-1. Five-Year Review Site Inspection Checklist – L-Area Southern Groundwater Operable Unit (continued)**

| III. ONSITE DOCUMENTS & RECORDS VERIFIED (Continued)                                                                                                                               |                                                       |                                                |                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------|-----------------------------------------|
| <b>1. Health and Safety Plans (HASPs):</b>                                                                                                                                         |                                                       |                                                |                                         |
| <input type="checkbox"/> Site-Specific Health and Safety Plans                                                                                                                     | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| <input type="checkbox"/> Contingency Plan/Emergency Response Plan                                                                                                                  | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks: Routine O&M activities do not require a Site-Specific Health and Safety Plan (SSHASP) under 29 CFR 1910.1201, Hazardous Waste Operations. A SSHASP is prepared if needed. |                                                       |                                                |                                         |
| <b>2. O&amp;M and OSHA Training Records:</b>                                                                                                                                       |                                                       |                                                |                                         |
|                                                                                                                                                                                    | <input checked="" type="checkbox"/> Readily Available | <input checked="" type="checkbox"/> Up to Date | <input type="checkbox"/> N/A            |
| Remarks: Training Records are complete and up to date per ACP training matrix.                                                                                                     |                                                       |                                                |                                         |
| <b>3. Permits and Service Agreements:</b>                                                                                                                                          |                                                       |                                                |                                         |
| <input type="checkbox"/> Air Discharge Permit                                                                                                                                      | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| <input type="checkbox"/> Effluent Discharge                                                                                                                                        | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| <input type="checkbox"/> Waste Disposal; POTW                                                                                                                                      | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| <input type="checkbox"/> Other Permits                                                                                                                                             | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks:                                                                                                                                                                           |                                                       |                                                |                                         |
| <b>4. Gas Generation Records:</b>                                                                                                                                                  |                                                       |                                                |                                         |
|                                                                                                                                                                                    | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks:                                                                                                                                                                           |                                                       |                                                |                                         |
| <b>5. Settlement Monument Records:</b>                                                                                                                                             |                                                       |                                                |                                         |
|                                                                                                                                                                                    | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks:                                                                                                                                                                           |                                                       |                                                |                                         |
| <b>6. Groundwater Monitoring Records:</b>                                                                                                                                          |                                                       |                                                |                                         |
|                                                                                                                                                                                    | <input checked="" type="checkbox"/> Readily Available | <input checked="" type="checkbox"/> Up to Date | <input type="checkbox"/> N/A            |
| Remarks:                                                                                                                                                                           |                                                       |                                                |                                         |
| <b>7. Leachate Extraction Records:</b>                                                                                                                                             |                                                       |                                                |                                         |
|                                                                                                                                                                                    | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks:                                                                                                                                                                           |                                                       |                                                |                                         |
| <b>8. Discharge Compliance Records:</b>                                                                                                                                            |                                                       |                                                |                                         |
| <input type="checkbox"/> Air                                                                                                                                                       | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| <input type="checkbox"/> Water (Effluent)                                                                                                                                          | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks:                                                                                                                                                                           |                                                       |                                                |                                         |
| <b>9. Daily Access/Security Logs:</b>                                                                                                                                              |                                                       |                                                |                                         |
|                                                                                                                                                                                    | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks:                                                                                                                                                                           |                                                       |                                                |                                         |

**Attachment F-1. Five-Year Review Site Inspection Checklist – L-Area Southern Groundwater Operable Unit (continued)**

| IV. O&M COSTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------|---------------------------------------------|-----------------------|---------------------|--------------------|---------------------------------------------|-----------------------|---------------------|--------------------|---------------------------------------------|-----------------------|---------------------|--------------------|---------------------------------------------|-----------------------|---------------------|--------------------|---------------------------------------------|-----------------------|---------------------|--------------------|---------------------------------------------|
| <b>1. O&amp;M Organization:</b><br><div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> State In-House<br/> <input type="checkbox"/> PRP In-House<br/> <input checked="" type="checkbox"/> Other: <u>SRS</u> </div> <div> <input type="checkbox"/> Contractor for State<br/> <input type="checkbox"/> Contractor for PRP </div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |
| <b>2. O&amp;M Cost Records:</b><br><div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> Readily Available<br/> <input checked="" type="checkbox"/> Other: <u>Project cost data is summarized in Section IV of this OU-specific review.</u> </div> <div> <input type="checkbox"/> Up to Date </div> <div> <input type="checkbox"/> Funding mechanism/agreement in place </div> </div> <p style="text-align: center; margin-top: 10px;"><b>Total annual cost by year for review period, if available</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">From: _____<br/>(Date)</td> <td style="width: 25%;">To: _____<br/>(Date)</td> <td style="width: 25%;">_____ (Total Cost)</td> <td style="width: 25%; text-align: right;"><input type="checkbox"/> Breakdown attached</td> </tr> <tr> <td>From: _____<br/>(Date)</td> <td>To: _____<br/>(Date)</td> <td>_____ (Total Cost)</td> <td style="text-align: right;"><input type="checkbox"/> Breakdown attached</td> </tr> <tr> <td>From: _____<br/>(Date)</td> <td>To: _____<br/>(Date)</td> <td>_____ (Total Cost)</td> <td style="text-align: right;"><input type="checkbox"/> Breakdown attached</td> </tr> <tr> <td>From: _____<br/>(Date)</td> <td>To: _____<br/>(Date)</td> <td>_____ (Total Cost)</td> <td style="text-align: right;"><input type="checkbox"/> Breakdown attached</td> </tr> <tr> <td>From: _____<br/>(Date)</td> <td>To: _____<br/>(Date)</td> <td>_____ (Total Cost)</td> <td style="text-align: right;"><input type="checkbox"/> Breakdown attached</td> </tr> </table> |                     |                    |                                             | From: _____<br>(Date) | To: _____<br>(Date) | _____ (Total Cost) | <input type="checkbox"/> Breakdown attached | From: _____<br>(Date) | To: _____<br>(Date) | _____ (Total Cost) | <input type="checkbox"/> Breakdown attached | From: _____<br>(Date) | To: _____<br>(Date) | _____ (Total Cost) | <input type="checkbox"/> Breakdown attached | From: _____<br>(Date) | To: _____<br>(Date) | _____ (Total Cost) | <input type="checkbox"/> Breakdown attached | From: _____<br>(Date) | To: _____<br>(Date) | _____ (Total Cost) | <input type="checkbox"/> Breakdown attached |
| From: _____<br>(Date)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | To: _____<br>(Date) | _____ (Total Cost) | <input type="checkbox"/> Breakdown attached |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |
| From: _____<br>(Date)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | To: _____<br>(Date) | _____ (Total Cost) | <input type="checkbox"/> Breakdown attached |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |
| From: _____<br>(Date)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | To: _____<br>(Date) | _____ (Total Cost) | <input type="checkbox"/> Breakdown attached |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |
| From: _____<br>(Date)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | To: _____<br>(Date) | _____ (Total Cost) | <input type="checkbox"/> Breakdown attached |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |
| From: _____<br>(Date)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | To: _____<br>(Date) | _____ (Total Cost) | <input type="checkbox"/> Breakdown attached |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |
| <b>3. Unanticipated or Unusually High O&amp;M Costs During Review Period</b><br>Describe costs and reasons: <u>N/A</u><br><br><br><br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |
| V. ACCESS AND INSTITUTIONAL CONTROLS <input checked="" type="checkbox"/> Applicable <input type="checkbox"/> N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |
| <b>A. Fencing</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |
| <b>1. Fencing Damage:</b> <input type="checkbox"/> Location shown on site map <input type="checkbox"/> Gates secured <input checked="" type="checkbox"/> N/A<br>Remarks: <u>OU-specific fencing is not required by the remedial action.</u><br><br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |
| <b>B. Signs</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |
| <b>1. Signs and Other Security Measures:</b> <input type="checkbox"/> Location shown on site map <input checked="" type="checkbox"/> N/A<br>Remarks: _____<br><br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |

Attachment F-1. Five-Year Review Site Inspection Checklist – L-Area Southern Groundwater Operable Unit (*continued*)

| V. ACCESS AND INSTITUTIONAL CONTROLS ( <i>Continued</i> )                 |                                                      |                                                             |                                         |                                    |
|---------------------------------------------------------------------------|------------------------------------------------------|-------------------------------------------------------------|-----------------------------------------|------------------------------------|
| <b>C. Institutional Controls</b>                                          |                                                      |                                                             |                                         |                                    |
| <b>1. Implementation and Enforcement</b>                                  |                                                      |                                                             |                                         |                                    |
| Site conditions imply ICs are not properly implemented:                   | <input type="checkbox"/> Yes                         | <input checked="" type="checkbox"/> No                      | <input type="checkbox"/> N/A            |                                    |
| Site conditions imply ICs are not being fully enforced:                   | <input type="checkbox"/> Yes                         | <input checked="" type="checkbox"/> No                      | <input type="checkbox"/> N/A            |                                    |
| Type of monitoring (e.g., self-reporting, drive-by, etc.) <u>Walkdown</u> |                                                      |                                                             |                                         |                                    |
| Frequency: <u>Once every five years</u>                                   |                                                      |                                                             |                                         |                                    |
| Responsible Party/Agent: <u>USDOE Savannah River Field Office</u>         |                                                      |                                                             |                                         |                                    |
| Contact:                                                                  | <u>Phil Prater</u><br>(Name)                         | <u>DOE Program Manager</u><br>(Title)                       | <u>12/09/19</u><br>(Date)               | <u>803-952-9333</u><br>(Phone No.) |
| Reporting is up-to-date:                                                  | <input checked="" type="checkbox"/> Yes              | <input type="checkbox"/> No                                 | <input type="checkbox"/> N/A            |                                    |
| Reports are verified by the lead agency:                                  | <input checked="" type="checkbox"/> Yes              | <input type="checkbox"/> No                                 | <input type="checkbox"/> N/A            |                                    |
| Specific requirements in deed or decision documents have been met:        | <input checked="" type="checkbox"/> Yes              | <input type="checkbox"/> No                                 | <input type="checkbox"/> N/A            |                                    |
| Violations have been reported:                                            | <input type="checkbox"/> Yes                         | <input type="checkbox"/> No                                 | <input checked="" type="checkbox"/> N/A |                                    |
| Problems/Suggestions: <input type="checkbox"/> Report Attached            |                                                      |                                                             |                                         |                                    |
|                                                                           |                                                      |                                                             |                                         |                                    |
|                                                                           |                                                      |                                                             |                                         |                                    |
| <b>2. Adequacy:</b>                                                       | <input checked="" type="checkbox"/> ICs are adequate | <input type="checkbox"/> ICs are inadequate                 | <input type="checkbox"/> N/A            |                                    |
| Remarks: _____                                                            |                                                      |                                                             |                                         |                                    |
|                                                                           |                                                      |                                                             |                                         |                                    |
| <b>D. General</b>                                                         |                                                      |                                                             |                                         |                                    |
| <b>1. Vandalism/Trespassing:</b>                                          | <input type="checkbox"/> Location shown on site map  | <input checked="" type="checkbox"/> No vandalism is evident |                                         |                                    |
| Remarks: _____                                                            |                                                      |                                                             |                                         |                                    |
|                                                                           |                                                      |                                                             |                                         |                                    |
| <b>2. Land use changes onsite:</b>                                        | <input checked="" type="checkbox"/> N/A              |                                                             |                                         |                                    |
| Remarks: _____                                                            |                                                      |                                                             |                                         |                                    |
|                                                                           |                                                      |                                                             |                                         |                                    |
| <b>3. Land use changes offsite:</b>                                       | <input checked="" type="checkbox"/> N/A              |                                                             |                                         |                                    |
| Remarks: _____                                                            |                                                      |                                                             |                                         |                                    |
|                                                                           |                                                      |                                                             |                                         |                                    |

**Attachment F-1. Five-Year Review Site Inspection Checklist – L-Area Southern Groundwater Operable Unit (continued)**

|                                                                                                                                                                                                                                        |                                                     |                                                                              |                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|------------------------------------------------------------------------------|----------------------------------------------------|
| <b>VI. GENERAL SITE CONDITIONS</b>                                                                                                                                                                                                     |                                                     |                                                                              |                                                    |
| <b>A. Roads</b>                                                                                                                                                                                                                        | <input checked="" type="checkbox"/> Applicable      | <input type="checkbox"/> N/A                                                 |                                                    |
| <b>1. Roads damaged:</b>                                                                                                                                                                                                               | <input type="checkbox"/> Location shown on site map | <input checked="" type="checkbox"/> Roads adequate                           | <input type="checkbox"/> N/A                       |
| Remarks: _____                                                                                                                                                                                                                         |                                                     |                                                                              |                                                    |
| <b>B. Other Site Conditions</b>                                                                                                                                                                                                        |                                                     |                                                                              |                                                    |
| Remarks: _____                                                                                                                                                                                                                         |                                                     |                                                                              |                                                    |
| _____                                                                                                                                                                                                                                  |                                                     |                                                                              |                                                    |
| _____                                                                                                                                                                                                                                  |                                                     |                                                                              |                                                    |
| _____                                                                                                                                                                                                                                  |                                                     |                                                                              |                                                    |
| <b>VII. LANDFILL COVER/CONTAINMENT</b>                                                                                                                                                                                                 |                                                     |                                                                              |                                                    |
|                                                                                                                                                                                                                                        | <input type="checkbox"/> Applicable                 | <input checked="" type="checkbox"/> N/A                                      |                                                    |
| <b>VIII. VERTICAL BARRIER WALLS</b>                                                                                                                                                                                                    |                                                     |                                                                              |                                                    |
|                                                                                                                                                                                                                                        | <input type="checkbox"/> Applicable                 | <input checked="" type="checkbox"/> N/A                                      |                                                    |
| <b>IX. GROUNDWATER/SURFACE WATER REMEDIES</b>                                                                                                                                                                                          |                                                     |                                                                              |                                                    |
|                                                                                                                                                                                                                                        | <input checked="" type="checkbox"/> Applicable      | <input type="checkbox"/> N/A                                                 |                                                    |
| <b>A. Groundwater Extraction Wells, Pumps, and Pipelines</b>                                                                                                                                                                           | <input type="checkbox"/> Applicable                 | <input checked="" type="checkbox"/> N/A                                      |                                                    |
| <b>B. Surface Water Collection Structures, Pumps, and Pipelines</b>                                                                                                                                                                    | <input type="checkbox"/> Applicable                 | <input checked="" type="checkbox"/> N/A                                      |                                                    |
| <b>C. Treatment System</b>                                                                                                                                                                                                             | <input type="checkbox"/> Applicable                 | <input checked="" type="checkbox"/> N/A                                      |                                                    |
| <b>D. Monitoring Data</b>                                                                                                                                                                                                              | <input checked="" type="checkbox"/> Applicable      | <input type="checkbox"/> N/A                                                 |                                                    |
| <b>1. Monitoring Data:</b>                                                                                                                                                                                                             |                                                     |                                                                              |                                                    |
| <input checked="" type="checkbox"/> Is routinely submitted on time                                                                                                                                                                     |                                                     | <input checked="" type="checkbox"/> Is of acceptable quality                 |                                                    |
| <b>2. Monitoring Data Suggests:</b>                                                                                                                                                                                                    |                                                     |                                                                              |                                                    |
| <input checked="" type="checkbox"/> Groundwater plume is effectively contained                                                                                                                                                         |                                                     | <input checked="" type="checkbox"/> Contaminant concentrations are declining |                                                    |
| <b>E. Monitored Natural Attenuation</b>                                                                                                                                                                                                | <input checked="" type="checkbox"/> Applicable      | <input type="checkbox"/> N/A                                                 |                                                    |
| <b>1. Monitoring Wells (natural attenuation remedy):</b>                                                                                                                                                                               |                                                     |                                                                              |                                                    |
| <input checked="" type="checkbox"/> Properly secured/locked                                                                                                                                                                            | <input checked="" type="checkbox"/> Functioning     | <input checked="" type="checkbox"/> Routinely sampled                        | <input checked="" type="checkbox"/> Good condition |
| <input checked="" type="checkbox"/> All required wells located                                                                                                                                                                         | <input type="checkbox"/> Needs maintenance          | <input type="checkbox"/> N/A                                                 |                                                    |
| Remarks: <u>All MNA groundwater monitoring wells were inspected. All well identification signs were in good condition.</u>                                                                                                             |                                                     |                                                                              |                                                    |
| _____                                                                                                                                                                                                                                  |                                                     |                                                                              |                                                    |
| <b>X. OTHER REMEDIES</b>                                                                                                                                                                                                               |                                                     |                                                                              |                                                    |
| If there are remedies applied at the site, which are not covered above, attach an inspection sheet describing the physical nature and condition of any facility associated with the remedy. An example would be soil vapor extraction. |                                                     |                                                                              |                                                    |
| <b>A. Soil Vapor Extraction System</b>                                                                                                                                                                                                 | <input type="checkbox"/> Applicable                 | <input checked="" type="checkbox"/> N/A                                      |                                                    |

**Attachment F-1. Five-Year Review Site Inspection Checklist – L-Area Southern Groundwater Operable Unit (continued)**

| <b>XI. OVERALL OBSERVATIONS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>A. Implementation of the Remedy</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <p>Describe issues and observations relating to whether the remedy is effective and functioning as designed. Begin with a brief statement of what the remedy is to accomplish (i.e., to contain contaminant plume, minimize infiltration and gas emissions, etc.).</p> <p><u>The remedial action for the LASG OU is MNA with institutional controls (i.e., LUCs) to prevent exposure to contaminants in groundwater. The remedy is fully established and functioning as designed.</u></p> <p>_____</p> <p>_____</p>                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>B. Adequacy of O&amp;M</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <p>Describe issues and observations related to the implementation and scope of O&amp;M procedures. In particular, discuss their relationship to the current and long-term protectiveness of the remedy.</p> <p><u>The protectiveness of the completed remedial action is being monitored by continued groundwater sampling. The O&amp;M procedures are effectively maintaining the monitoring wells. The wells are properly secured/locked, functioning and are in good condition. Institutional controls (i.e., LUCs) effectively prevent unauthorized access to the groundwater and include physical access controls to SRS (fences, guards, security patrols, etc.); administrative controls (SRS is a secured government facility with land use restrictions); and land use controls (SRS Site Use/Site Clearance Program). There are no issues requiring corrective actions.</u></p> <p>_____</p> |
| <b>C. Early Indicators of Potential Remedy Failure</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <p>Describe issues and observations such as unexpected changes in the cost or scope of O&amp;M or a high frequency of unscheduled repairs that suggest that the protectiveness of the remedy may be compromised in the future.</p> <p><u>N/A</u></p> <p>_____</p> <p>_____</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>D. Opportunities for Optimization</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <p>Describe possible opportunities for optimization in monitoring tasks or the operation of the remedy.</p> <p><u>N/A</u></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

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## **R-AREA OPERABLE UNIT**

### **I. Introduction**

This report is the third five-year remedy review for the R-Area Operable Unit (RAOU). Contaminants have been left in place at RAOU at levels that do not allow for unlimited use and unrestricted exposure. The review was conducted from August 2019 through November 2019. The purpose of this review is to determine whether the remedy in place at RAOU is protective of human health and the environment. This report documents the results of the review.

### **II. OU Chronology**

Table G-1 lists the chronology of site events for the RAOU.

### **III. Background**

The RAOU is listed as a Resource Conservation and Recovery Act (RCRA)/Comprehensive Environmental Response, Compensation, and Liability Act unit in Appendix C of the Federal Facility Agreement (FFA) for Savannah River Site (SRS) (FFA 1993). The media of concern is surface soil, rail bed materials, metal components, concrete, sediment, and groundwater.

An area-based remedial strategy has been implemented in R Area, excluding prior remedial decisions for the following operable units (OUs) as presented in their respective Records of Decision (RODs) documents:

- R-Area Reactor Seepage Basins (904-57G, 904-58G, 904-59G, 904-60G, 904-103G, and 904-104G) and 108-4R Overflow Basin (108-4R),
  - R-Area Acid/Caustic Basin (904-77G),
  - R-Area Bingham Pump Outage Pits (643-8G, 643-9G, and 643-10G), R-Area Unknown Pit #1 (RUNK-1), Pit #2 (RUNK-2), and Pit #3 (RUNK-3) (No Building Number [NBN]), and
-

- R-Area Burning/Rubble Pits (131-R and 131-1R) and R-Area Rubble Pile (631-25G).

RAOU remedial actions are addressed by the Early Action ROD for the C-, K-, L-, and R-Reactor Complexes (SRNS 2009b) and the ROD for the RAOU (SRNS 2010a). Removal actions were completed for the following units within R Area and the actions described in Decommissioning Project Final Reports, Removal Site Evaluation Report/Engineering Evaluation/Cost Analysis (RSER/EE/CA), and EE/CA reports:

- R-Area Reactor Area Cask Car Railroad Tracks as Abandoned (SRNS 2009c),
- Grouting of the R-Reactor Disassembly Basin at the Savannah River Site (USDOE 2002),
- R-Reactor Building (105-R) Complex (SRNS 2009d),
- P-Area Ash Basin (Including Outfall P-007) (188-P) and the R-Area Ash Basin (188-R) (SRNS 2010d),
- R-Area Process Sewer Line (RPSL) Combined Subunit (SRNS 2010e), and
- Primary Substation (151-1R) (High Volt 115/13.8KV) (SRNS 2010f).

### **Physical Characteristics**

The RAOU is located in east-central SRS approximately 5.0 km (3.1 mi) east of the geographical center of SRS and about 7.0 km (4.3 mi) west of the nearest site boundary (Figure G-1). RAOU is approximately 70.8 hectare (175 acre) and is located primarily in the Lower Three Runs watershed. The northwestern portion of the RAOU lies within the Upper Three Runs Watershed. Figures G-3 and G-4 show before (1999) and after (2018) remediation photos of R Area, respectively. The RAOU has a flat to gently rolling topography and is approximately 88.4 m (290 ft) above mean sea level.

The RAOU is comprised of the following subunits and potential source areas (PSAs) (Figure G-2):

- R-Reactor Building (105-R) Complex:
  - o R-Reactor Building (105-R) including the Engine Houses (108-1R and 108-2R),

- R-Reactor Vessel,
  - R-Reactor Disassembly Basin, and
  - R-Reactor Emergency Basin,
  - Area on the North Side of Building 105-R, Laydown Area North of 105-R, Release from the Decontamination of R-Area Reactor Disassembly Basin (NBN),
  - Combined Spills North of Building 105-R (NBN), and
  - Potential Release from the R-Area Disassembly Basin
  - RPSL Combined Subunit:
    - R-Area Process Sewer Lines as Abandoned (NBN),
    - Process Water Storage Tank (106-R) PSA,
    - Cooling Water Effluent Sump (107-R), and
    - Purge Water Storage Basin (109-R)
  - R-Area Reactor Area Cask Car Railroad Tracks as Abandoned (NBN),
  - R-Area Ash Basin (188-R),
  - R-Area Groundwater (RAGW) (NBN),
  - R-Area Isolated Contamination Area (ICA) PSA (NBN),
  - Process Storage Building (122-R),
  - Potential Release of NaOH/H<sub>2</sub>SO<sub>4</sub> from 183-2R,
  - Power House (184-R) PSA,
  - Cooling Tower (185-R) PSA,
  - Former Coal Pile (NBN) PSA,
  - Administrative and Maintenance Building (704-R) PSA,
  - Maintenance Material Storage Building (711-R) PSA, and
  - Eastern Volatile Organic Compound (VOC)/Tritium Groundwater Plume PSA.
-

- Eastern Volatile Organic Compound (VOC)/Tritium Groundwater Plume PSA.

Within the RAOU area are the following Deactivation and Decommissioning No Further Action (NFA) Facilities and Site Evaluation NFA Areas:

- Primary Substation (151-1R),
- Primary Substation (151-2R),
- Cooling Water Clarification Plant (183-1R),
- Filter and Softener Plant (183-2R),
- Cooling Water Reservoir (186-R),
- Cooling Water Pump House (190-R), and
- Potential Release from R-Area Concrete Lakes (183-1R/186-R)

### **Land and Resource Use**

According to the *Savannah River Site Future Use Project Report* (USDOE 1996), residential uses of the SRS land should be prohibited. The *Land Use Control Assurance Plan for the Savannah River Site* (WSRC 1999) designates much of RAOU as being within the site industrial support area. The land use control (LUC) boundaries for RAOU that encompass the groundwater plume are predominantly outside of the industrial area for R Area. However, shallow groundwater and surface water at SRS are not used for drinking water, hygiene, recreation, and process water. The future land use for RAOU is reasonably anticipated to remain industrial with the U.S. Department of Energy (USDOE) maintaining control of the land.

### **History of Contamination**

In December 1953, R-Reactor began operations, and the facility was placed in shutdown status in 1964 due to decreased demand for nuclear materials. The primary sources of radioactive contamination in R Area are activation products, fission products, and tritium, the majority of which were the consequence of R-Reactor operations. Spills, leaks, accidental releases, or simply the operation itself resulted in releases of hazardous and/or

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radioactive substances. Tritium and VOCs released from reactor operations have created four contaminated groundwater plumes in R Area (Figure G-2). A Northern Tritium Plume originates at the R-Reactor Seepage Basins, travels to the northwest, and discharges to surface water at Mill Creek. An Eastern Tritium Plume originates outside of the Purification Area of R-Reactor (105-R), travels to the northeast, and discharges to surface water at Joyce Branch. A Western Tritium Plume originates at the R-Area Reactor Area Cask Car Railroad Tracks as Abandoned (NBN) at the western end of R-Reactor (105-R), migrates to the south, but decays to below detection concentrations prior to discharging to a surface water body. An Eastern VOC Plume originates outside the Assembly Area of R-Reactor (105-R), travels to the northeast, and discharges to surface water at Joyce Branch.

### **Initial Response**

R-Reactor Building (105-R) and all other facilities within R Area have been decommissioned and/or are remnants that require no further action. The Early Action ROD for the C-, K-, L-, and R-Reactor Complexes (SRNS 2009b) documents the selected remedy for the R-Reactor Building (105-R) Complex as in situ decommissioning (ISD) with LUCs. Regulatory decisions were made previous to the RAOU ROD at selected RAOU subunits. Non-Time Critical Removal (NTRC) actions are documented in four RSER/EE/CAs and one EE/CA that include the following subunits and actions:

- R-Reactor Building (105-R) Complex (including the R-Reactor Building [105-R], the Engine Houses [108-1R and 108-2R], the R-Reactor Vessel, the R-Reactor Disassembly Basin, the R-Reactor Emergency Basin, the Area on the North Side of Building 105-R, Laydown Area North of 105-R, Release from the Decontamination of R-Area Reactor Disassembly Basin [NBN], Combined Spills North of Building 105-R (NBN), and the Potential Release from the R-Area Disassembly Basin [105-R]) – in situ decommissioning (SRNS 2009d),
  - R-Reactor Disassembly Basin – evaporation and grouting (USDOE 2002),
  - RPSL Combined Subunit (including the R-Area PSLs as Abandoned [NBN], Process Water Storage Tank [106-R], Purge Water Storage Basin [109-R], Cooling Water
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Effluent Sump [107-R] Subunit, Septic Tank [607-IR], outfalls, manholes, miscellaneous weirs and boxes; sumps, etc.) – grouting access points and open structures (SRNS 2010e),

- R-Area Reactor Area Cask Car Railroad Tracks as Abandoned Subunit – excavation and disposal (SRNS 2009c), and
- R-Area Ash Basin (188-R) Subunit – soil cover (SRNS 2010d).

### **Basis for Taking Action**

The nature and extent of contamination in soil, sediment, surface water, and groundwater at the RAOU were characterized. Results from the past characterization activities (SRNS 2009a) and recent monitoring have demonstrated that residual contaminants exceed the R-Reactor Building (105-R) Complex ISD remedial goals (RGs) at specific subunits. In addition, there are three tritium plumes and one VOC plume, which comprise the RAGW Subunit, that exceed the maximum contaminant levels (MCLs) (Table G-2). The shallow groundwater aquifers impacted by tritium and VOCs in R Area have never been used as drinking water; however, until tritium and VOCs are reduced below MCLs, the potential for human exposure requires action. ISD of the R-Reactor Building (105-R) left radionuclides, lead, and polychlorinated biphenyls (PCBs) in place at levels that present a potential for future contaminant migration to groundwater (SRNS 2010a). Therefore, monitoring of the R-Reactor Building (105-R) Complex ISD is required to ensure groundwater is not impacted by the residual contaminants. Table G-3 summarizes the refined constituents of concern (RCOCs) and remedial goals (RGs) determined for the RAOU subunits. RAOU subunits with contaminant levels that exceed 1.0E-06 risk for an industrial worker scenario required the following removal actions, LUCs, and monitoring to be protective of human health and the environment:

- The removal action for the R-Area Reactor Area Cask Car Railroad Tracks as Abandoned Subunit (soil removal to 10 pCi/g cesium-137) has been completed (SRNS 2012). This subunit will be managed with the LUCs selected for the entire RAOU to prevent unrestricted use.
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- The removal action for the R-Reactor Disassembly Basin has been completed and radioactive contaminants have been grouted in place (SRNS 2012). This subunit will be managed with the LUCs selected for the entire RAOU to prevent unrestricted use.
- The removal action for the R-Reactor Building (105-R) Complex has been completed and radioactive contaminants have been grouted in place (SRNS 2012). This subunit will be managed with the LUCs selected for the entire RAOU to prevent unrestricted use.
- The removal action for the R-Area PSLs has been completed and radioactive contaminants have been left in place (SRNS 2012). This subunit will be managed with the LUCs selected for the entire RAOU to prevent unrestricted use.
- A contaminant migration analysis was performed to identify refined contaminant migration constituents of concern (COCs) (SRNS 2009a).
- A principal threat source material (PTSM) evaluation for the RAOU subunits determined refined COCs for the R-Area Reactor Area Cask Car Railroad Tracks as Abandoned, R-Area PSLs, and R-Reactor Building (105-R) Complex subunits. The radioactive inventory located in the R-Reactor Building (105-R) has been estimated to be 6.39E+04 Ci (SRNS 2009d), and the cumulative risk for the R-Reactor Building (105-R) Complex was estimated at 5.61E+01 (SRNS 2009a).

#### **IV. Remedial Actions**

##### **Remedy Selection**

As stated in the ROD (SRNS 2010a), the selected remedy for the RAOU is monitored natural attenuation (MNA) with LUCs as follows:

- LUCs include: (1) institutional controls (i.e., administrative measures) and use restrictions for on-site workers via the Site Use/Site Clearance Program. Other administrative controls to ensure worker safety include work controls, worker training, and worker briefing of health and safety requirements; (2) engineering controls consisting of signage located at the RAOU LUC boundaries to discourage unauthorized
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entry and uses; and (3) SRS access controls to prevent exposure to trespasses including a 24-hour surveillance system, control entry systems, and warning signs in place at the SRS boundary, and

- MNA.

As stated in the ROD (SRNS 2010a), the Remedial Action Objectives (RAOs) for the RAOU are as follows:

- Eliminate or control all routes of exposure to residual radioactive or chemical contamination posing risks exceeding 1E-06 to the industrial worker or the resident in media or structures associated with the R-Reactor Building (105-R) Complex, the R-Area Reactor Area Cask Car Railroad Tracks as Abandoned, the RPSL Combined Subunit, the R Area ICA PSA, the R-Area Ash Basin (188-R), and the RAGW,
  - Prevent the migration of contaminants from residual water in the Process Water Storage Tank (106-R) PSA to groundwater at concentrations exceeding regulatory standards (MCLs),
  - Prevent human exposure to tritium and VOCs in groundwater that exceed regulatory standards (MCLs) and restore contaminated groundwater to below regulatory limits (MCLs) for the RAGW Subunit, and
  - Prevent exposure of potential contamination in media or structures to a residential receptor associated with the following subunits:
    - o Process Storage Building (122-R) Subunit
    - o Potential Release of NaOH/H<sub>2</sub>SO<sub>4</sub> from 183-2R Subunit
    - o Power House (184-R) PSA
    - o Cooling Tower (185-R) PSA
    - o Former Coal Pile (NBN) PSA
    - o Administrative and Maintenance Building (704-R) PSA
    - o Maintenance Material Storage Building (71 l-R) PSA
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- o Eastern VOC/Tritium Groundwater Plume PSA

### **Remedy Implementation**

The selected remedial action was based on successful completion of the NTCR actions as listed below:

- Removed 53.6 m<sup>3</sup> (70 yd<sup>3</sup>) of contaminated media at the R-Reactor Cask Car Railroad Tracks by excavating and transporting to the E-Area Slit Trench Disposal Units for disposal. The excavated area was backfilled with structural fill material and approximately 10-cm (4-in) of crusher run was placed, graded, and compacted on the backfilled area.
  - Placed a 6.1-hectare (15-acre), 0.6-m (2-ft) thick soil cover over the R-Area Ash Basin (188-R). The multi-layer cover system consisted of a 45-cm (18-in) thick compacted common fill, 10-cm (4-in) thick topsoil, and sod.
  - Isolated/plugged the R-Area PSLs; grouted associated underground structures, manholes, weirs and boxes; select removal of process equipment external to the R-Area PSLs; sealed/plugged the outfalls; transported 60,000 gallons of radiologically contaminated water from the 106-R Process Water Storage Tank to R-Area Disassembly Basin for evaporation.
  - ISD of the R-Reactor Building (105-R) Complex included:
    - o Leaving the R-Reactor Building (105-R) (Process, Purification, and Assembly Areas) and the Actuator Tower in place,
    - o Installing an evaporation system to treat the R-Reactor Disassembly Basin water; Grouting the below grade portions of the R-Reactor Building (105-R) including Disassembly Basin and the Purification Area (94,055 m<sup>3</sup> [122,948 yd<sup>3</sup>] total) to stabilize contaminants,
    - o Grouting the Reactor Vessel in place (109.4 m<sup>3</sup> [143 yd<sup>3</sup>]) and placing a 1.2-m (4-ft) thick constructed concrete cover over the Reactor Vessel; cover is sloped to allow water runoff in the event of future rainwater ingress,
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- o Demolishing the above-grade structure of the R-Reactor Disassembly Area to grade-level and transported 10,254 m<sup>3</sup> (13,404 yd<sup>3</sup>) of debris to the E-Area Low-Level Waste Facility,
- o Placed a 0.57 hectare (1.4 acre), 17.5-cm (7-in) thick sloped 4000 psi reinforced concrete cover over the grouted R-Reactor Disassembly Basin, including the contaminated soil and slabs in the area north of the R-Reactor Building (105-R),
- o Removing the stack above the plus 16.8-m (55-ft) elevations,
- o Constructing a new partial roof over the shield door slots to prevent rainwater ingress,
- o Leaving the Process Room, an above-grade structure, in its current state,
- o Monitoring the groundwater adjacent to the R-Reactor Building (105-R) in order to verify the effectiveness of the ISD remedy, and
- o Sealing all R-Reactor Building (105-R) exterior openings.

The selected final remedy components met the RAOs at RAOU by implementing the following activities:

- MNA for the RAGW Subunit (SRNS 2010c),
- Performance evaluation groundwater monitoring for ISD of the R-Reactor Building (105-R) Complex, and
- LUCs for 183 hectares (450 acres) comprising the RAOU.

### **System Operations/Operation and Maintenance**

Currently, there are no systems in operation at the RAOU. Operations are complete for the evaporators, which removed 17 to 18.9 million L (4.5 to 5 million gal) of R-Reactor Disassembly Basin water. The remaining 1.1 million L (380,000 gal) of shield water was absorbed/evaporated (through heat of hydration) by the grout.

The following maintenance activities are ongoing:

- Groundwater monitoring to ensure the ISD remedy is performing as expected and that no contaminant migration COCs have impacted groundwater. ISD monitoring is conducted every five years due to the long time-frame estimates for potential impacts to groundwater based on groundwater modeling. The first round of ISD groundwater monitoring was conducted in 2012; the second round of sampling occurred in 2017.
- Annual groundwater and surface water monitoring will be part of the MNA remedy for tritium and VOC plumes. The estimated time frames for MNA to restore contaminated groundwater to below MCLs based on data collected in 2007 to 2008 (SRNS 2010c) are:
  - o Northern Tritium Plume - 124 years,
  - o Eastern Tritium Plume - 77 years,
  - o Western Tritium Plume 37 years, and
  - o Eastern VOC Plume - 26 years.

Annual site inspections and maintenance activities include:

- The roof structure of the R-Reactor Building (105-R) Complex to ensure that it is functioning properly. Herbicides will be applied as necessary to prevent the growth of woody vegetation on the roof structure,
  - The doors into the R-Reactor Building (105-R) Complex to ensure that they remain sealed,
  - The R-Reactor Disassembly Basin cover to ensure that excessive deterioration has not occurred, and that no woody vegetation is growing on the cover,
  - The R-Area Ash Basin (188-R) cover to verify that significant erosion has not occurred (60.9 cm [2 ft] thickness maintained), to ensure that no woody vegetation is growing on the cover, and to ensure that no burrowing or mounding animals are present,
  - The RAOU to ensure no unauthorized excavations, digging, or construction activities within the LUC boundaries have occurred, and
  - Inspection and maintenance of access control warning signs
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Since implementation of the remedy, SRS has optimized surveillance/maintenance of the closed R-Reactor Building (105-R) Complex by employing aerial drones to perform these activities.

The operation and maintenance (O&M) costs associated with the selected remedy for RAOU include maintenance costs, as described above, groundwater monitoring, and LUCs. These activities have a ROD estimated total present worth of \$5,466,429 discounted at 2.7% per year for 200 years of maintenance activities (SRNS 2010a). The O&M cost estimated in the ROD that are applicable for Fiscal Year (FY)2015 to FY2019 is \$286,500. The actual O&M cost for this same period is \$1,023,392. Table G-4 shows the annual comparison of O&M actual and ROD estimated costs. The actual costs are higher than expected because groundwater monitoring reports are being submitted annually. The ROD estimate only included reporting in an Effective Monitoring Report every five years to coincide with the remedy review. Additionally, based on inspections conducted from FY2015 through FY2019, various maintenance activities completed at the RAOU included cutting vegetation around waste unit warning signs, vegetation removal from stone armament, vegetation removal from roofs, and repairing soil damage from feral hog rutting.

## **V. Progress Since Last Review**

This is the third five-year remedy review for the RAOU. The previous protectiveness statement concluded that because the remedial actions are protective, the RAOU is protective of human health and the environment.

In the previous five-year remedy review, it was recommended that 1,4-dioxane be analyzed at the RAOU. SRS performed a comprehensive round of 1,4-dioxane monitoring in 2015, 2016 at one new well, and found this compound was not present in the RAOU groundwater (SRNS 2016). SRS recommended in the 2016 EMR to discontinue 1,4-dioxane analyses at the RAOU, and the Core Team accepted this recommendation. The U. S. Environmental Protection Agency (USEPA) provided comments and the South Carolina Department of Health and Environmental Control (SCDHEC) conditionally approved the *R-Area Groundwater (NBN) Effectiveness Monitoring Report in Support of R Area Operable Unit*

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(U) (SRNS 2016) on October 27, 2016. The SRS provided responses to the regulators on January 9, 2017. The USEPA and SCDHEC approved the responses on January 13, 2017 and February 7, 2017, respectively. Therefore, 1,4-dioxane monitoring is no longer required at the RAOU.

An addendum to the EMP for the RAOU was initiated in 2017 and submitted and approved in 2019 (SRNS 2019a). The original 2011 RAOU EMP specified the ISD monitoring plan to sample and analyze ten contaminant constituents of concern (CMCOCs) with the potential to exceed maximum contaminant levels (MCLs) in groundwater under a No Action scenario. These ten CMCOCs (carbon-14, chlorine-36, potassium-40, nickel-59, niobium-94, molybdenum-93, silver-108m, iodine-129, lead, and PCBs) and tritium, were to be sampled at ten monitoring wells around the R-Reactor Building (105-R) Complex starting in 2012 (Figure G-5). The addendum to the EMP for the RAOU revised the ISD groundwater monitoring plan to monitor only the most mobile constituents (iodine-129, carbon-14, and chlorine-36) and tritium every five years rather than all ten CMCOCs and tritium. The first CMCOc predicated to exceed an MCL in groundwater is iodine-129 in 200 years. Tritium is included as a large increase in groundwater tritium concentrations may be an early indicator or potential contamination. Field parameters (e.g., pH, conductivity, and alkalinity) are also measured as they may be early indicators of potential contamination. The RAOU EMP addendum was approved by SCDHEC on August 07, 2019 and by USEPA on August 19, 2019.

As recommended in the June 2017 EMR, and per the EMP approved by the Core Team (SRNS 2010), after five years of annual reporting (2013-2017), the reporting frequency changed to biennial. The last RAOU EMR was submitted in June 2019. The next report is due in June 2021.

Monitoring activities since the last review indicate tritium and TCE concentrations are continuing to decrease in the groundwater and are not impacting surface water.

## **VI. Five-Year Review Process**

The following tasks were performed as part of the review:

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- Reviewed the documents listed in Section XII, Documents Reviewed;
- Confirmed the implementation of remedial actions;
- Reviewed groundwater monitoring data to determine if MCLs were exceeded;
- Inspected the OU, interviewed maintenance personnel and documented the results on the Inspection Checklist, provided in Attachment G-1, with the purpose of assessing the protectiveness of the remedy and the functionality of the access controls; and
- Reviewed changes in standards and to-be-considered guidance.

### ***Data Review***

Recent data (2015 to 2019) have been reviewed for the RAOU Groundwater subunit and ISD monitoring of the R-Reactor Building (105-R) Complex. The Eastern VOC, Eastern Tritium, Western Tritium, and Northern Tritium plumes all indicate decreasing concentrations over this time period.

ISD monitoring is conducted every five years due to the long time-frame estimates for potential impacts to groundwater based on groundwater modeling. The first round of ISD groundwater sampling was conducted in 2012. In 2017, ISD monitoring identified carbon-14 (141 pCi/L) above its sampling quantitation limit (78.9 pCi/L) for the first time in the R-Area groundwater at well RDB 3D, but below the carbon-14 MCL (2,000 pCi/L). Additionally, well RDB 3D also had the highest tritium result (1,930 pCi/L) sampled to date. The results were verified by reanalysis and resampling. The Core Team was notified on January 18, 2018 and decided carbon-14 and tritium should be monitored annually for five years at RDB 3D and four other nearby wells (RDB 1D, RDB 2D, RDB003DU, and RDB005C) (Figure G-6). The elevated tritium appears to be from a small historic spill near the R-Reactor Disassembly Basin as carbon-14 has only been detected at well RDB 3D and groundwater concentrations have remained about the same for both carbon-14 and tritium at well RDB 3D.

Wells RDB 1D, RDB 2D, RDB 3D, RDB003DU, and RDB005C will continue to be sampled annually and analyzed for carbon-14 and tritium until 2022 to ensure the observed carbon-14 is only an isolated problem.

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### ***Summary of Inspections and Interviews***

Interviews were conducted with Phil Carter, O&M staff member, and Brian Hanshew, O&M Site Manager, on November 5, 2019 at the O&M organization offices. No issues were identified for the RAOU during these interviews. The RAOU was inspected by Savannah River Nuclear Solutions, LLC (SRNS) Environmental Compliance and Area Completion Projects (EC&ACP) on September 12, 2019. No issues were identified during these inspections.

The RAOU was inspected by SRNS EC&ACP and USDOE personnel on December 9, 2019. No issues that impact the protectiveness of the remedy were identified for the RAOU during this inspection.

A site inspection was conducted by USEPA and SCDHEC personnel, accompanied by USDOE and SRNS personnel on February 27, 2020. No significant problems regarding this OU were identified during the inspection.

## **VII. Technical Assessment**

### **Is the Remedy Functioning as Intended by the Decision Document?**

The remedies selected for the RAOU are functioning as intended, as demonstrated below:

The closure of the RAOU by ISD and maintaining a protective cover system over the R-Reactor Building (105-R) is meeting the remedial objectives of preventing physical exposure of contaminants as indicated by the following:

- Site inspection and maintenance data do not indicate problems or potential remedy failure, which could place protectiveness at risk (Attachment G-1).
  - Based on the results of the second ISD sampling event in March 2017, tritium (nine of ten samples) and carbon-14 (one of ten samples) were detected, no other radionuclide results were above detection limits (Table G-2). Nine of the ten tritium samples had concentrations exceeding the MCL (20 pCi/ml) with the maximum concentration being 1,930 pCi/ml. The 2017 carbon-14 result (141 pCi/ml) at well RDB 3 was the first time carbon-14 was detected in the groundwater near the R-Reactor Building (105-R)
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Complex, but below the MCL (2000 pCi/ml). SRS notified the Core Team and agreed to sample for carbon-14 and tritium annually for five years at five monitoring wells (RDB 1D, RDB 2D, RDB 3D, RDB003DU, RDB005C) near the R-Reactor Building (105-R) Complex. The next round of ISD sampling is scheduled for 2022.

- The annual site inspection confirmed that the roof structure and R-Area Disassembly Basin cover are functioning properly, the doors are sealed, and the R-Area Ash Basin cover is in good condition (Attachment G-1).
- LUCs are preventing human health exposure and include the following: institutional controls (i.e., administrative measures) and use restrictions for on-site workers via the Site Use/Site Clearance Program; other administrative controls to ensure worker safety, including work controls, worker training, and worker briefing of health and safety requirements; engineering controls consisting of signage located at the RAOU LUC boundaries to discourage unauthorized entry and uses; and SRS access controls to prevent exposure to trespassers, including a 24-hour surveillance system, control entry systems, and warning signs in place at the SRS boundary. The Land Use Control Implementation Plan for RAOU governs LUC implementation, maintenance, monitoring, reporting, and enforcement of LUCs (SRNS 2010b). All LUC objectives are being met.

For groundwater contaminated with VOCs and tritium, MNA is the selected remedy. The last two Effectiveness Monitoring Reports were reviewed to support this assessment (SRNS 2017, SRNS 2019b). This remedy continues to be an effective remedy based on the following:

- Per the EMP (SRNS 2010c) and subsequent recommendation in the EMRs, groundwater monitoring takes place annually at thirty-seven wells and nine surface water/seep locations for the RAGW (Figure G-7). These stations monitor four contaminant plumes (one VOC and three tritium). Source well concentrations are decreasing, no exceedances of the source well action limits have ever occurred. Surface water concentrations in 2015 to 2018 were non-detect for VOCs, and well below the MCL (20 pCi/ml) for tritium (maximum value in 2017 was 4.82 pCi/ml at MCSW-04).
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The results indicate that the plumes are still on track to be below MCLs in the time frames predicted.

- A new boundary well was added in 2014 to monitor the eastern VOC plume in the deeper aquifer. The maximum TCE result this well was 1.69 µg/L in 2014, and has decreased to less than 1 µg/L since then, indicating limited migration of the TCE plume.
- As discussed earlier, LUCs are preventing any human health exposure to contaminated groundwater.

Overall the early remedial actions, removal actions, and final remedial action are meeting the RAOs established for the RAOU, as discussed in Section IV, by eliminating or controlling all routes of exposure to residual radioactive or chemical contamination to the industrial worker, eliminating water flow through the R-Area PSLs, preventing the migration of VOCs from the vadose zone to the groundwater, preventing the exposure of contaminated media or structures to residential receptors, and demonstrating that the plume concentrations are trending downward without impact to surface water.

#### **Are Exposure Assumptions, Toxicity Data, Cleanup Levels, and Remedial Action Objectives still valid?**

The exposure assumptions, toxicity data, cleanup levels, and remedial action objectives used at the time of remedy selection are still valid. There have been no changes in standards or physical conditions of the RAOU that would affect the protectiveness of the remedy.

#### **Has any Other Information Come to Light that Could Call into Question the Protectiveness of the Remedy?**

No other information has come to light that could call into question the protectiveness of the remedy.

### **VIII. Issues**

There are no issues related to current site operations, conditions, or activities that currently prevent the remedy for the RAOU from being protective.

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**IX. Recommendations and Follow-up Actions**

There are no recommendations or follow-up actions for the RAOU.

**X. Protectiveness Statement(s)**

The remedy at the RAOU is protective of human health and the environment.

Exposure pathways that could result in unacceptable risks are being controlled by institutional controls (i.e., LUCs) to prevent exposure to or ingestion of contaminated groundwater and soil media. All threats to contaminated soil at the RAOU have been addressed through implementation of soil covers, ISD, physical access controls to prevent unauthorized entry to SRS (fences, guards, security patrols, etc.), administrative controls that maintain the RAOU for industrial use only, and warning signs and use restrictions via the SRS Site Use/Site Clearance Program.

**XI. Next Review**

As shown in Appendix A, Table A-1, the next five-year remedy review for SRS OUs with Groundwater Remedies is scheduled for January 2026.

**XII. Documents Reviewed**

FFA, 1993. *Federal Facility Agreement for the Savannah River Site*, Administrative Docket No. 89-05-FF (Effective Date: August 16, 1993)

SRNS, 2009a. RCRA Facility Investigation / Remedial Investigation (RFI/RI) Report with Baseline Risk Assessment and Corrective Measures Study / Feasibility Study (CMS/FS) for R-Area Operable Unit (U), WSRC-RP-2008-4035, Revision 1.1, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

SRNS, 2009b. *Early Action Record of Decision Remedial Alternative Selection for the C-, K-, L-, and R-Reactor Complexes (U)*, SRNS-RP-2009-00707, Revision 1, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

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SRNS, 2009c. Removal Site Evaluation Report / Engineering Evaluation / Cost Analysis (RSER/EE/CA) for the R-Area Reactor Area Cask Car Railroad Tracks as Abandoned (U), WSRC-RP-2008-4090, Revision 1, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

SRNS, 2009d. Removal Site Evaluation Report / Engineering Evaluation / Cost Analysis (RSER/EE/CA) for the R-Reactor Building (105-R) Complex (U), SRNS-RP-2009-00801, Revision 1, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

SRNS, 2010a. *Record of Decision Remedial Alternative Selection for the R-Area Operable Unit (RAOU) (U)*, SRNS-RP-2010-01062, Revision 1, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

SRNS, 2010b. *Land Use Control Implementation Plan (LUCIP) for the R-Area Operable Unit (RAOU) (U)*, SRNS-RP-2010-01208, Revision 1, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

SRNS, 2010c. *Effectiveness Monitoring Plan for the R-Area Operable Unit (U)*, SRNS-RP-2010-01259, Revision 1, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

SRNS, 2010d. Removal Site Evaluation Report / Engineering Evaluation / Cost Analysis (RSER/EE/CA) for the P-Area Ash Basin (Including Outfall P-007) (188-P) and the R-Area Ash Basin (188-R) (U), SRNS-RP-2009-01064, Revision 1, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

SRNS, 2010e. Removal Site Evaluation Report / Engineering Evaluation / Cost Analysis (RSER/EE/CA) for the R-Area Operable Unit (RAOU) R-Area Process Sewer Line (RPSL) Combined Subunit (NBN) (U), SRNS-RP-2009-01341, Revision 1, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

SRNS, 2010f. *Decommissioning Project Final Report 151-1R, Primary Substation (High Volt 11KV5/13.8KV)*, V-PCOR-R-00016, Revision 1, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

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SRNS, 2012. *Post Construction Report (PCR) for the R-Area Operable Unit (U)*, SRNS-RP-2011-01574, Revision 1, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

SRNS, 2017. *R-Area Groundwater (NBN) Effectiveness Monitoring Report Submittal in Support of R Area Operable Unit (U)*, January 2016 through December 2016, SRNS-RP-2017-00232, Revision 0, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

SRNS, 2019a. *Addendum to the Effectiveness Monitoring Plan (EMP) for the R-Area Operable Unit (U)*, SRNS-RP-2019-00211, Revision 0, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

SRNS, 2019b. *R-Area Groundwater (NBN) Effectiveness Monitoring Report in Support of R-Area Operable Unit (U)*, January 2017 through December 2018, SRNS-RP-2019-00267, Revision 0, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

USDOE, 1996. *Savannah River Site Future Use Project Report, Stakeholder Recommendations for SRS Land and Facilities*, U.S. Department of Energy, Savannah River Operations Office, Savannah River Site, Aiken, SC

USDOE, 2002. *Engineering Evaluation/Cost Analysis for the Grouting of the R-Reactor Disassembly Basin at the Savannah River Site*, DOE/EE/CA-0001, U.S. Department of Energy, Savannah River Operations Office

WSRC, 1999. *Land Use Control Assurance Plan for the Savannah River Site*, WSRC-RP-98-4125, latest revision, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

Various – Inspection Data Sheets – *Field Inspection Checklists for the R-Area Operable Unit Ash Basin 188-R*, ER-IDS-019-051, Inspections conducted 2015 through 2018 (annually)

Various – Inspection Data Sheets – *Field Inspection Checklists for the R-Area Operable Unit (RAOU)*, ER-IDS-019-064, Inspections conducted 2015 through 2019 (annually)

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Various – Inspection Data Sheets – *Field Inspection Checklists for the R-Area Operable Unit Reactor Building and Disassembly Basin*, ER-IDS-019-063, Inspections conducted 2015 through 2018 (annually)

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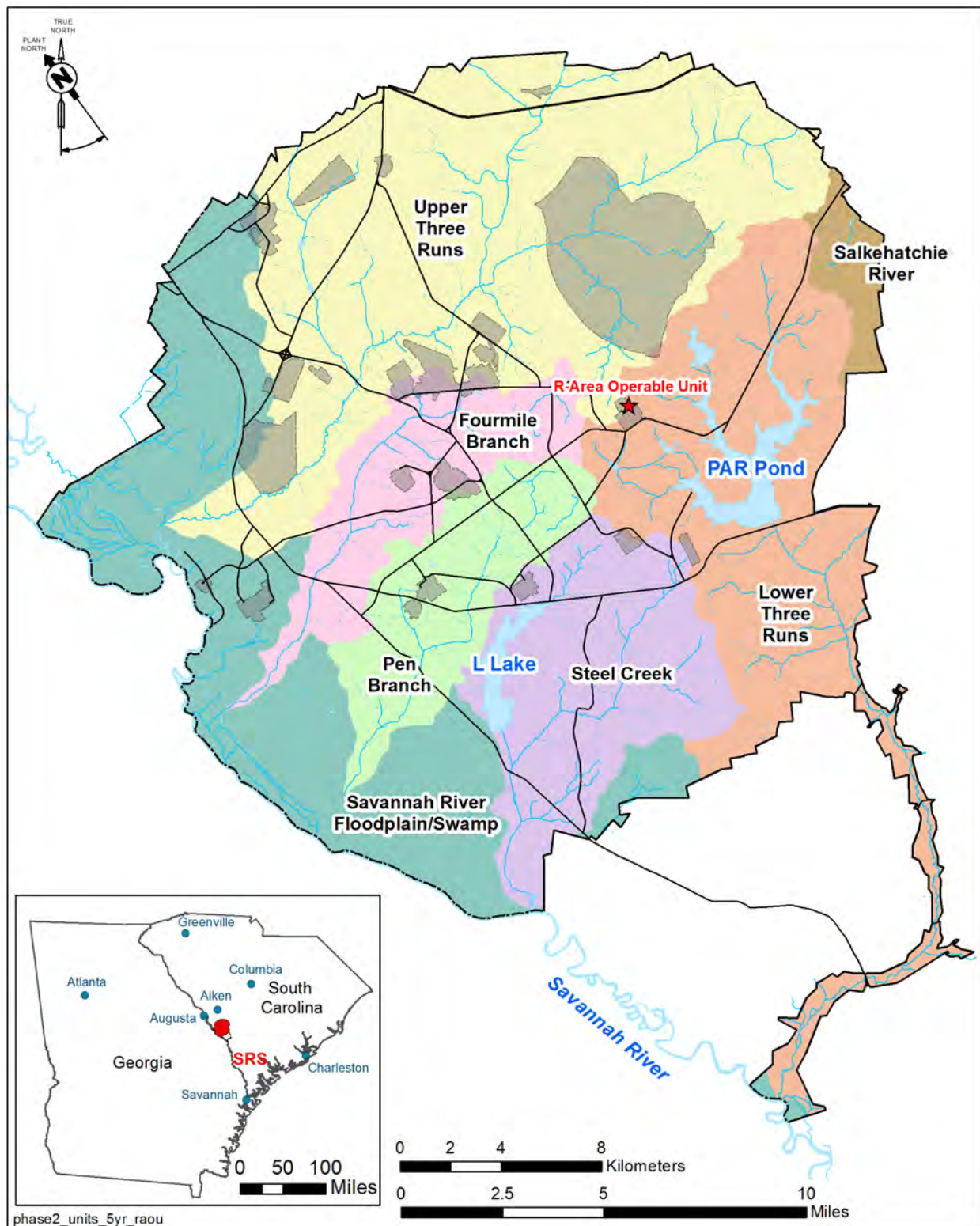


Figure G-1. Location of RAOU at Savannah River Site



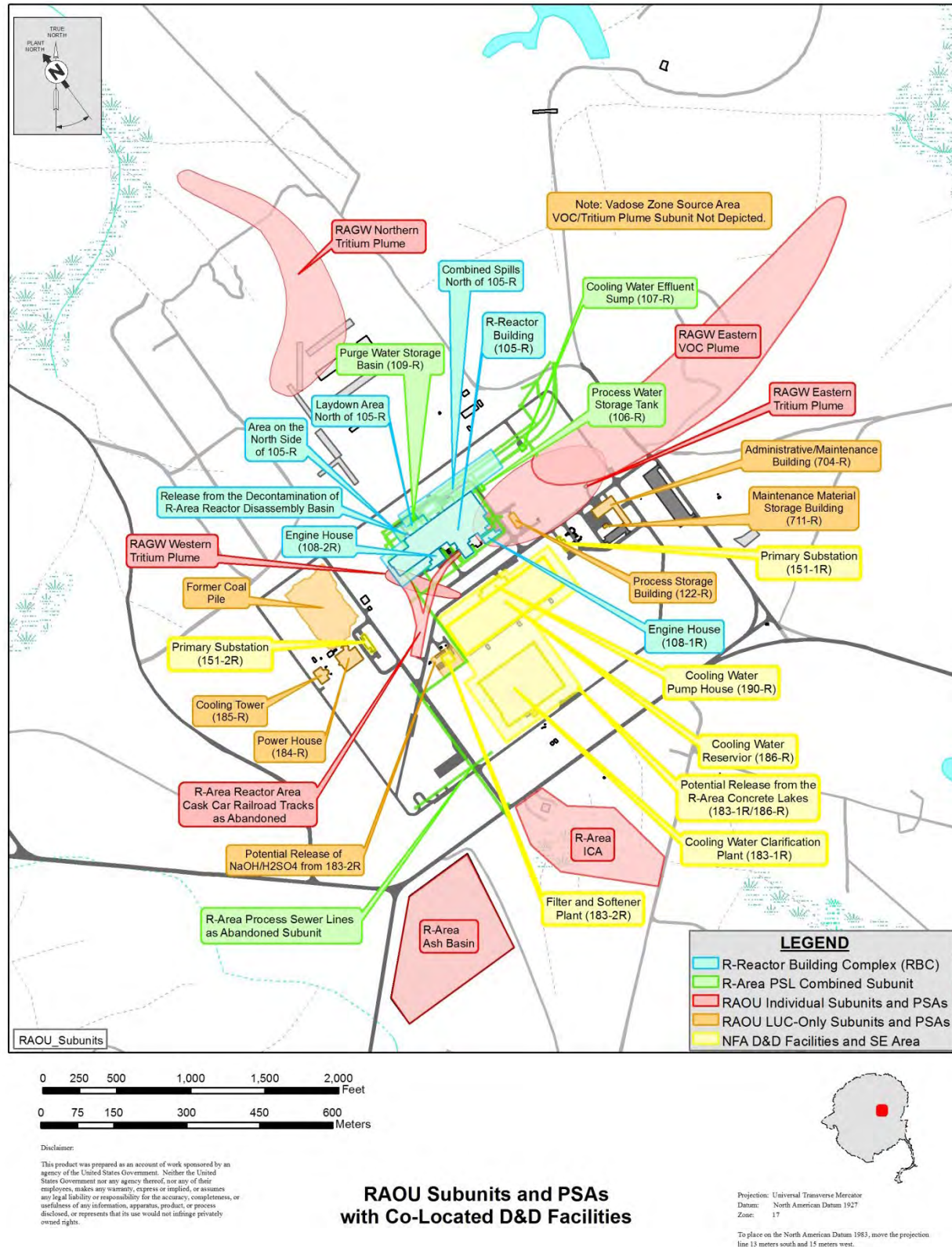


Figure G-2. Location of RAOU Subunits





**Figure G-3. Photo of RAOU before Remediation Activities (1999)**



Figure G-4. Current Photos of RAOU (2018)



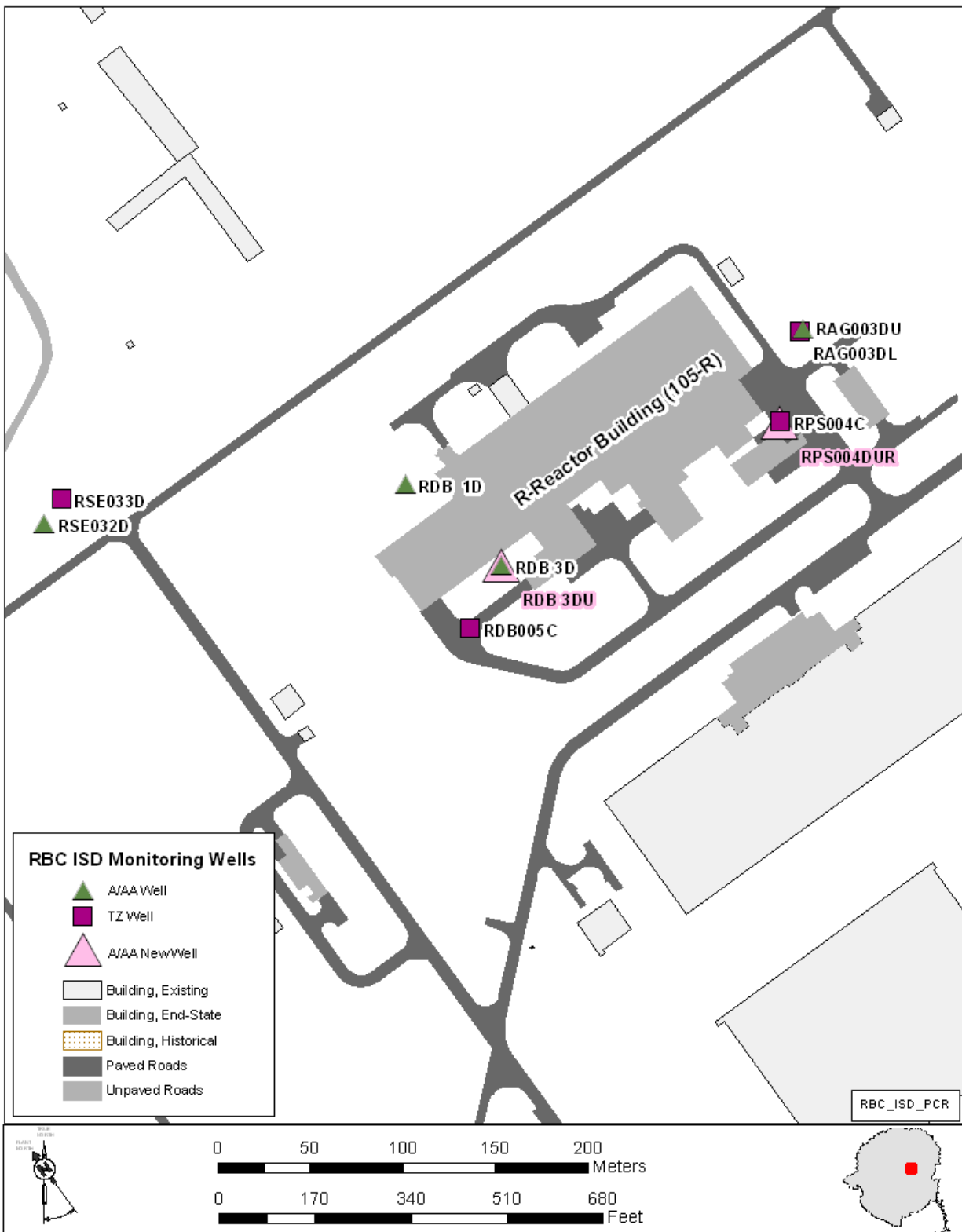


Figure G-5. ISD Monitoring Stations for R-Reactor Building (105-R) Complex

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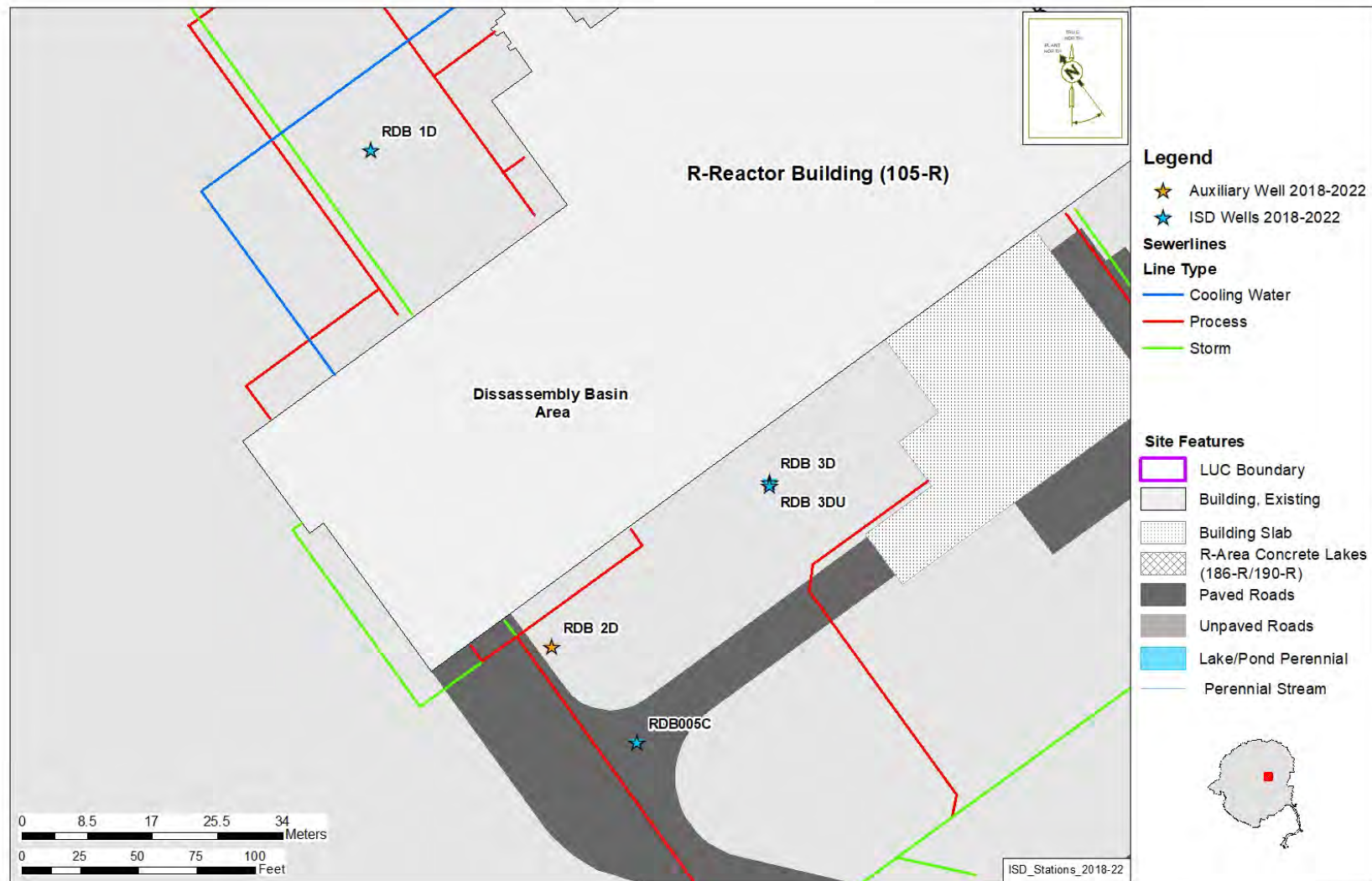


Figure G-6. Annual ISD Monitoring Stations (2018-2022)

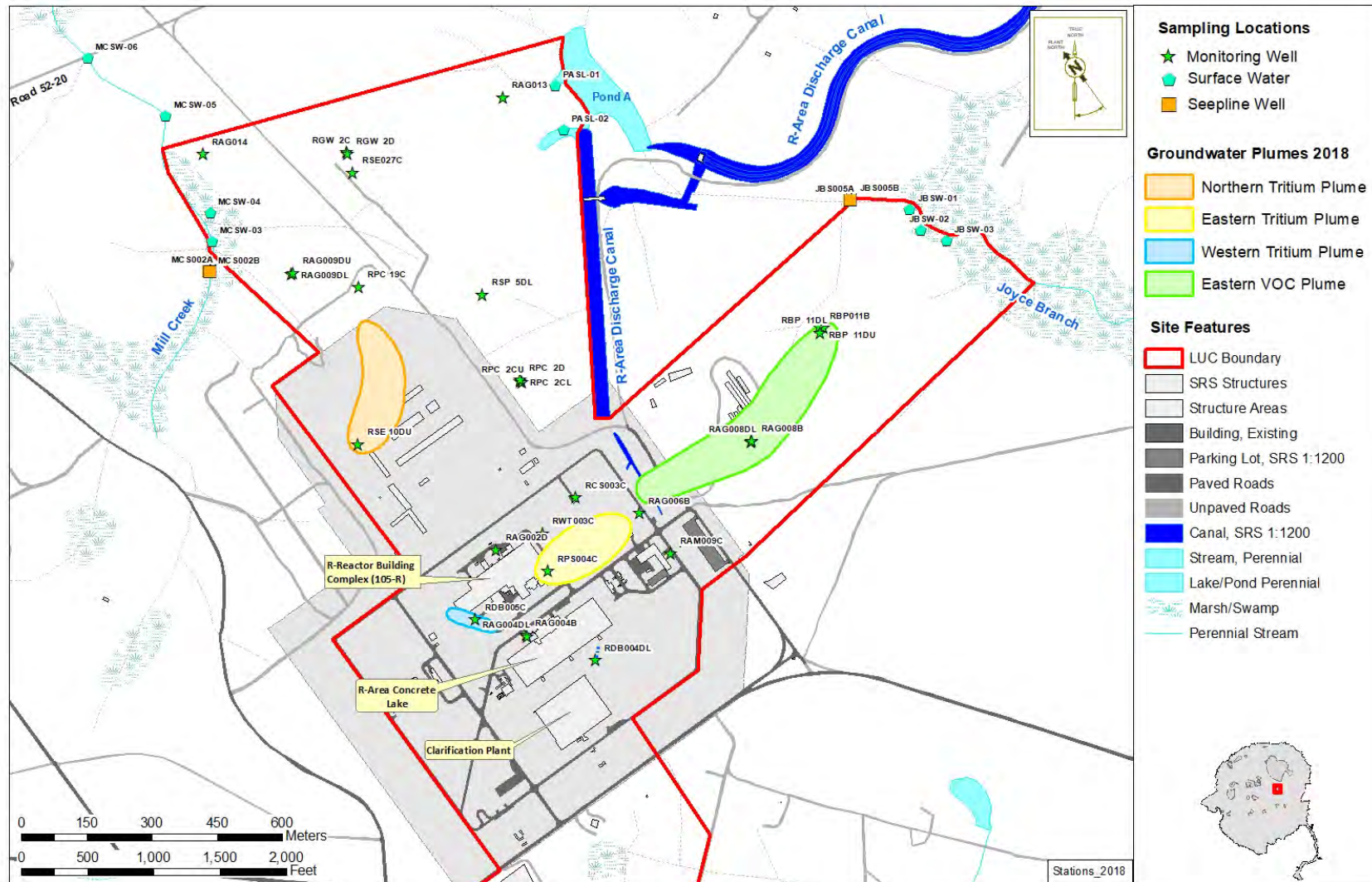


Figure G-7. MNA Monitoring Stations for RAGW Plumes (2018)

**Table G-1. Chronology of OU Events**

| Event                                                                                        | Date                                |
|----------------------------------------------------------------------------------------------|-------------------------------------|
| Early Action R-Reactor Disassembly Basin Grouting Start / Finish                             | October 1, 2002 / April 29, 2003    |
| Early Action R-Reactor Disassembly Basin<br>(Forced Evaporation and Grouting) Start / Finish | April 29, 2003 / November 30, 2010  |
| Issue Early Action ROD for the C-, K-, L-, and R-Rx Complexes                                | December 8, 2009                    |
| Issue Record of Decision Remedial Alternative Selection for<br>RAOU                          | April 20, 2011                      |
| Remedial Action Start / Finish                                                               | May 25, 2011 / September 22, 2011   |
| Final Regulatory Walk down – LUCIP and EMP Implementation                                    | September 22, 2011                  |
| Previous Five-Year Remedy Reviews                                                            | February 4, 2014 / February 2, 2017 |

**Table G-2. RAGW and R-Reactor Building (105-R) Complex ISD Groundwater Monitoring RGs**

| RAGW Refined COCs                                                 | 2018 Maximum Concentration    | RG (MCL)                     | Units  |
|-------------------------------------------------------------------|-------------------------------|------------------------------|--------|
| Tritium                                                           | 2.64E+02                      | 2.0E+01                      | pCi/mL |
| TCE                                                               | 2.2E+01                       | 5.0E00                       | µg/L   |
| Cis-1,2-Dichloroethylene                                          | 17.2E+01                      | 7.0E+01                      | µg/L   |
| Vinyl Chloride                                                    | 2.69E00                       | 2.0E+00                      | µg/L   |
| Carbon Tetrachloride                                              | All Results < Detection Limit | 5.0E+00                      | µg/L   |
| Chloroform                                                        | 1.5E00                        | 7.0E+01                      | µg/L   |
| R-Reactor Building Complex ISD Refined Contaminant Migration COCs | 2017 Maximum Concentration    | RG (MCL or PRG) <sup>c</sup> | Units  |
| Carbon-14                                                         | 1.41E+02 pCi/L <sup>a</sup>   | 2.0E+03                      | pCi/L  |
| Chlorine-36                                                       | All Results < Detection Limit | 7.0E+02                      | pCi/L  |
| Iodine-129                                                        | All Results < Detection Limit | 1.0E+01                      | pCi/L  |
| Lead                                                              | Not Sampled <sup>b</sup>      | 1.5E+01                      | µg/L   |
| Molybdenum-93                                                     | Not Sampled <sup>b</sup>      | 1.58E+01 <sup>b</sup>        | pCi/L  |
| Nickel-59                                                         | Not Sampled <sup>b</sup>      | 3.0E+02                      | pCi/L  |
| Niobium-94                                                        | Not Sampled <sup>b</sup>      | 6.81E00 <sup>b</sup>         | pCi/L  |
| Potassium-40                                                      | Not Sampled <sup>b</sup>      | 2.14E00 <sup>b</sup>         | pCi/L  |
| PCBs                                                              | Not Sampled <sup>b</sup>      | 5.0E-01                      | µg/L   |
| Silver-108m                                                       | Not Sampled <sup>b</sup>      | 6.5E00 <sup>b</sup>          | pCi/L  |
| Tritium                                                           | 1.93E+03 <sup>d</sup>         | 2.0E00                       | pCi/mL |

a = Carbon-14 result observed for the first time in R Area at well RDB 3D near R-Reactor Disassembly Basin.

b = The RAOU EMP Addendum (SRNS 2019a) limited monitoring to the most mobile constituents (carbon-14, chlorine-36, iodine-129, and tritium), which would be the first indications of contamination to the groundwater from R-Reactor post-ISD.

c = EPA Preliminary Remediation Goal (PRG) for Radionuclides Residential Tap Water (December 2016).

d = Highest tritium concentration observed for R-Reactor monitoring wells, previous maximum tritium result for ISD wells was 1,740 pCi/mL on 3/19/08 at well RPS004C.

COC = Constituent of Concern

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Table G-3. RAOU RCOCs and RGs

| RAOU Subunit or PSA                                                                                                                                                                                                                                                     |                                                                  | RCOC                       | Human Health (HH) | Ecological | PTSM | CM | RG       | Units | RG Source          |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|----------------------------|-------------------|------------|------|----|----------|-------|--------------------|--|
| R-Reactor Building (105-R) Complex                                                                                                                                                                                                                                      | R Reactor Building (105-R) and Engine Houses (108-1R and 108-2R) | Arsenic                    | X                 |            |      |    | 1.59E00  | mg/kg | PRG                |  |
|                                                                                                                                                                                                                                                                         |                                                                  | Aroclor 1254               | X                 |            |      | X  | 5.0E-01  | µg/L  | MCL                |  |
|                                                                                                                                                                                                                                                                         |                                                                  | Americium-241 (+D)         | X                 |            |      |    | 7.76E00  | ρCi/g | PRG                |  |
|                                                                                                                                                                                                                                                                         |                                                                  | Americium-243 (+D)         | X                 |            |      |    | 3.44E-01 | ρCi/g | PRG                |  |
|                                                                                                                                                                                                                                                                         |                                                                  | Cesium-137 (+D)            | X                 |            | X    |    | 1.13E-01 | ρCi/g | PRG                |  |
|                                                                                                                                                                                                                                                                         |                                                                  | Cobalt-60                  | X                 |            | X    |    | 6.02E-02 | ρCi/g | PRG                |  |
|                                                                                                                                                                                                                                                                         |                                                                  | Lead                       |                   |            |      | X  | 1.5E+01  | µg/L  | MCL                |  |
|                                                                                                                                                                                                                                                                         |                                                                  | Strontium-90 (+D)          | X                 |            |      |    | 1.43E+01 | ρCi/g | PRG                |  |
|                                                                                                                                                                                                                                                                         | R-Area Disassembly Basin <sup>1</sup>                            | Cesium-137 (+D)            | X                 |            | X    |    | 1.13E-01 | ρCi/g | PRG                |  |
|                                                                                                                                                                                                                                                                         |                                                                  | Cobalt-60                  | X                 |            | X    |    | 6.02E-02 | ρCi/g | PRG                |  |
|                                                                                                                                                                                                                                                                         |                                                                  | Europium-154               | X                 |            | X    |    | 8.5E-02  | ρCi/g | PRG                |  |
|                                                                                                                                                                                                                                                                         |                                                                  | Tritium                    | X                 |            | X    |    | 4.23E00  | ρCi/g | PRG                |  |
|                                                                                                                                                                                                                                                                         | R-Reactor Emergency Basin                                        | Iodine-129                 |                   |            |      | X  | 1.0E00   | ρCi/L | MCL                |  |
|                                                                                                                                                                                                                                                                         | R-Reactor Vessel <sup>1</sup>                                    | Barium-133                 | X                 |            | X    |    | 3.06E-01 | ρCi/g | PRG                |  |
|                                                                                                                                                                                                                                                                         |                                                                  | Cesium-137                 | X                 |            | X    |    | 1.13E-01 | ρCi/g | PRG                |  |
|                                                                                                                                                                                                                                                                         |                                                                  | Chlorine-36                |                   |            |      | X  | 7.00E+02 | ρCi/L | MCL                |  |
|                                                                                                                                                                                                                                                                         |                                                                  | Cobalt-60                  | X                 |            | X    |    | 6.02E-02 | ρCi/g | PRG                |  |
|                                                                                                                                                                                                                                                                         |                                                                  | Europium-152               | X                 |            | X    |    | 7.37E-02 | ρCi/g | PRG                |  |
|                                                                                                                                                                                                                                                                         |                                                                  | Lead                       |                   |            |      | X  | 1.5E+01  | µg/L  | MCL                |  |
|                                                                                                                                                                                                                                                                         |                                                                  | Molybdenum-93              |                   |            |      | X  | 1.42E+01 | ρCi/L | PRG                |  |
|                                                                                                                                                                                                                                                                         |                                                                  | Nickel-59                  |                   |            |      | X  | 3.0E+02  | ρCi/L | MCL                |  |
|                                                                                                                                                                                                                                                                         |                                                                  | Nickel-63                  | X                 |            | X    |    | 5.55E+04 | ρCi/g | PRG                |  |
|                                                                                                                                                                                                                                                                         |                                                                  | Niobium-94                 | X                 |            | X    | X  | 6.13E00  | ρCi/L | PRG                |  |
|                                                                                                                                                                                                                                                                         |                                                                  | Potssium-40                |                   |            |      | X  | 1.93E00  | ρCi/L | PRG                |  |
|                                                                                                                                                                                                                                                                         |                                                                  | Silver-108m                | X                 |            | X    |    | 3.26E-02 | ρCi/g | PRG                |  |
| Area on North Side of Building 105-R, Laydown Area North of 105-R, and Combined Spills North of Building 105-R (NBN), and Release from the Decontamination of R- Area Reactor Disassembly Basin (NBN), and Potential Release from the R-Area Disassembly Basin Subunits |                                                                  | Cesium-137 (+D)            | X                 |            |      |    | 1.0E+01  | ρCi/g | Other <sup>2</sup> |  |
| R-Area Process Sewer Lines as Abandoned (NBN) Subunit                                                                                                                                                                                                                   |                                                                  | Radionuclides <sup>3</sup> | X                 |            | X    |    | NA       | ρCi/g | PRG                |  |

**Table G-3. RAOU RCOCs and RGs (continued/end)**

| RAOU Subunit or PSA                                                     | RCOC                                                                                                             | Human Health (HH)          | Ecological | PTSM | CM | RG                                                          | Units                                          | RG Source                              |
|-------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|----------------------------|------------|------|----|-------------------------------------------------------------|------------------------------------------------|----------------------------------------|
| R-Area Reactor Area Cask Car Railroad Tracks as Abandoned (NBN) Subunit | Cesium-137 (+D),<br>Uranium-235 (+D)                                                                             | X<br>X                     |            | X    |    | 1.0E+01<br>3.94E-01                                         | ρCi/g<br>ρCi/g                                 | Other <sup>2</sup><br>PRG              |
| R-Area Ash Basin (188-R) Subunit                                        | Arsenic<br>Potassium-40<br>Radium-226 (+D)<br>Uranium-235 (+D)<br>Uranium-238 (+D)                               | X<br>X<br>X<br>X<br>X      |            |      |    | 1.59E00<br>2.71E-01<br>2.55E-02<br>3.94E-01<br>1.79E00      | mg/kg<br>ρCi/g<br>ρCi/g<br>ρCi/g<br>ρCi/g      | PRG<br>PRG<br>PRG<br>PRG<br>PRG        |
| R-Area Reactor Groundwater Subunit <sup>4</sup>                         | Trichloroethylene<br>cis-1,2-Dichloroethylene<br>Vinyl chloride<br>Carbon tetrachloride<br>Chloroform<br>Tritium | X<br>X<br>X<br>X<br>X<br>X |            |      |    | 5.0E00<br>7.0E+01<br>2.0E00<br>5.0E00<br>7.0E+01<br>2.0E+01 | μg/L<br>μg/L<br>μg/L<br>μg/L<br>μg/L<br>ρCi/mL | MCL<br>MCL<br>MCL<br>MCL<br>MCL<br>MCL |
| R-Area Isolated Contamination Area PSA                                  | Arsenic<br>Cesium-137 (+D)<br>Cobalt-60<br>Potassium-40<br>Radium-226 (+D)                                       | X<br>X<br>X<br>X<br>X      |            |      |    | 1.59E00<br>1.12E-01<br>5.96E-02<br>2.71E-01<br>2.55E-02     | mg/kg<br>ρCi/g<br>ρCi/g<br>ρCi/g<br>ρCi/g      | PRG<br>PRG<br>PRG<br>PRG<br>PRG        |

1. The HH Risk Assessment and PTSM discussions identify several radiological and hazardous constituents as HH RCOCs or PTSM, but only the major risk drivers for the individual subunits are presented in this table.
2. A concentration of 10 ρCi/g and LUCs established as RG based on Core Team agreement.
3. Radiological constituents are qualitatively identified as HH and PTSM RCOCs based on process history and the potential for fixed residual contamination on the inside surfaces of the R-Area Process Sewer Lines as Abandoned (NBN).
4. These are based on MCLs rather than a HH Risk Assessment evaluation. Only the constituents forming plumes are listed in Table G-3.

MCL = Maximum Contaminant Level

PRG = Preliminary Remediation Goal

NA = Not Applicable

RG = Remedial Goal

CM = Contaminant Migration

PTSM = Principal Threat Source Material

**Table G-4. Actual versus Estimated O&M Costs**

|                                           | <b>FY2015</b> | <b>FY2016</b> | <b>FY2017</b>       | <b>FY2018</b> | <b>FY2019</b> | <b>Five-Year<br/>Total</b> |
|-------------------------------------------|---------------|---------------|---------------------|---------------|---------------|----------------------------|
| Total Actual O&M Costs (\$)               | 307,347       | 224,923       | 177,931             | 123,851       | 189,340       | 1,023,392                  |
| Total ROD Estimated Direct O&M Costs (\$) | 62,300        | 47,300        | 82,300 <sup>1</sup> | 47,300        | 47,300        | 286,500                    |

<sup>1</sup>FY2017 estimated costs include costs associated with the fifth five-year remedy review. Actual costs were accrued in FY2016.

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**Problems/Suggestions:** ☐ Report Attached \_\_\_\_\_

**Attachment G-1. Five-Year Review Site Inspection Checklist – R-Area Operable Unit  
(continued)**

| II. INTERVIEWS (Click all that apply) (Continued)                                                                                                                                                                                                                                                                                             |                                                       |                                                |                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------|------------------------------|
| <b>3. Local Regulatory Authorities and Response Agencies</b> (i.e., State and tribal offices, emergency response office, police department, office of public health or environmental health, zoning office, recorder of deeds or other city and county offices, etc.). Fill in all that apply.                                                |                                                       |                                                |                              |
| Agency: _____                                                                                                                                                                                                                                                                                                                                 |                                                       |                                                |                              |
| Contact:                                                                                                                                                                                                                                                                                                                                      | _____                                                 | _____                                          | _____                        |
|                                                                                                                                                                                                                                                                                                                                               | (Name)                                                | (Title)                                        | (Date)                       |
| Problems/Suggestions:                                                                                                                                                                                                                                                                                                                         | <input type="checkbox"/> Report Attached _____        |                                                |                              |
| _____                                                                                                                                                                                                                                                                                                                                         |                                                       |                                                |                              |
| Agency: _____                                                                                                                                                                                                                                                                                                                                 |                                                       |                                                |                              |
| Contact:                                                                                                                                                                                                                                                                                                                                      | _____                                                 | _____                                          | _____                        |
|                                                                                                                                                                                                                                                                                                                                               | (Name)                                                | (Title)                                        | (Date)                       |
| Problems/Suggestions:                                                                                                                                                                                                                                                                                                                         | <input type="checkbox"/> Report Attached _____        |                                                |                              |
| _____                                                                                                                                                                                                                                                                                                                                         |                                                       |                                                |                              |
| Agency: _____                                                                                                                                                                                                                                                                                                                                 |                                                       |                                                |                              |
| Contact:                                                                                                                                                                                                                                                                                                                                      | _____                                                 | _____                                          | _____                        |
|                                                                                                                                                                                                                                                                                                                                               | (Name)                                                | (Title)                                        | (Date)                       |
| Problems/Suggestions:                                                                                                                                                                                                                                                                                                                         | <input type="checkbox"/> Report Attached _____        |                                                |                              |
| _____                                                                                                                                                                                                                                                                                                                                         |                                                       |                                                |                              |
| <b>4. Other Interviews (Optional):</b> <input type="checkbox"/> Report Attached _____                                                                                                                                                                                                                                                         |                                                       |                                                |                              |
| _____                                                                                                                                                                                                                                                                                                                                         |                                                       |                                                |                              |
| _____                                                                                                                                                                                                                                                                                                                                         |                                                       |                                                |                              |
| _____                                                                                                                                                                                                                                                                                                                                         |                                                       |                                                |                              |
| III. ONSITE DOCUMENTS & RECORDS VERIFIED (Click all that apply)                                                                                                                                                                                                                                                                               |                                                       |                                                |                              |
| <b>1. O&amp;M Documents:</b>                                                                                                                                                                                                                                                                                                                  |                                                       |                                                |                              |
| <input type="checkbox"/> O&M Manual                                                                                                                                                                                                                                                                                                           | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input type="checkbox"/> N/A |
| <input checked="" type="checkbox"/> As-Built Drawings                                                                                                                                                                                                                                                                                         | <input checked="" type="checkbox"/> Readily Available | <input checked="" type="checkbox"/> Up to Date | <input type="checkbox"/> N/A |
| <input type="checkbox"/> Maintenance Logs                                                                                                                                                                                                                                                                                                     | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input type="checkbox"/> N/A |
| Remarks: See <i>Waste Unit Inspection and Maintenance</i> , ER-SOP-019, <i>Field Inspection Checklist for RAOU Ash Basin 188-R</i> , ER-IDS-019-051, <i>Field Inspection Checklist for the RAOU Reactor Building and Disassembly Basin</i> , ER-IDS-019-063, and <i>Field Inspection Checklist for R-Area Operable Unit</i> , ER-IDS-019-064. |                                                       |                                                |                              |

**Attachment G-1. Five-Year Review Site Inspection Checklist – R-Area Operable Unit  
(continued)**

| III. ONSITE DOCUMENTS & RECORDS VERIFIED (Continued)                                                                                                                               |                                                       |                                                |                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------|-----------------------------------------|
| <b>2. Health and Safety Plans (HASP):</b>                                                                                                                                          |                                                       |                                                |                                         |
| <input type="checkbox"/> Site-Specific Health and Safety Plans                                                                                                                     | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| <input type="checkbox"/> Contingency Plan/Emergency Response Plan                                                                                                                  | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks: Routine O&M activities do not require a Site-Specific Health and Safety Plan (SSHASP) under 29 CFR 1910.1201, Hazardous Waste Operations. A SSHASP is prepared if needed. |                                                       |                                                |                                         |
| <b>3. O&amp;M and OSHA Training Records:</b>                                                                                                                                       |                                                       |                                                |                                         |
|                                                                                                                                                                                    | <input checked="" type="checkbox"/> Readily Available | <input checked="" type="checkbox"/> Up to Date | <input type="checkbox"/> N/A            |
| Remarks: Training Records are complete and up to date per ACP training matrix.                                                                                                     |                                                       |                                                |                                         |
| <b>4. Permits and Service Agreements:</b>                                                                                                                                          |                                                       |                                                |                                         |
| <input type="checkbox"/> Air Discharge Permit                                                                                                                                      | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| <input type="checkbox"/> Effluent Discharge                                                                                                                                        | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| <input type="checkbox"/> Waste Disposal; POTW                                                                                                                                      | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| <input type="checkbox"/> Other Permits                                                                                                                                             | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks:                                                                                                                                                                           |                                                       |                                                |                                         |
| <b>5. Gas Generation Records:</b>                                                                                                                                                  |                                                       |                                                |                                         |
|                                                                                                                                                                                    | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks:                                                                                                                                                                           |                                                       |                                                |                                         |
| <b>6. Settlement Monument Records:</b>                                                                                                                                             |                                                       |                                                |                                         |
|                                                                                                                                                                                    | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks:                                                                                                                                                                           |                                                       |                                                |                                         |
| <b>7. Groundwater Monitoring Records:</b>                                                                                                                                          |                                                       |                                                |                                         |
|                                                                                                                                                                                    | <input checked="" type="checkbox"/> Readily Available | <input checked="" type="checkbox"/> Up to Date | <input type="checkbox"/> N/A            |
| Remarks:                                                                                                                                                                           |                                                       |                                                |                                         |
| <b>8. Leachate Extraction Records:</b>                                                                                                                                             |                                                       |                                                |                                         |
|                                                                                                                                                                                    | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks:                                                                                                                                                                           |                                                       |                                                |                                         |
| <b>9. Discharge Compliance Records:</b>                                                                                                                                            |                                                       |                                                |                                         |
| <input type="checkbox"/> Air                                                                                                                                                       | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| <input type="checkbox"/> Water (Effluent)                                                                                                                                          | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks:                                                                                                                                                                           |                                                       |                                                |                                         |
| <b>10. Daily Access/Security Logs:</b>                                                                                                                                             |                                                       |                                                |                                         |
|                                                                                                                                                                                    | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks:                                                                                                                                                                           |                                                       |                                                |                                         |

**Attachment G-1. Five-Year Review Site Inspection Checklist – R-Area Operable Unit  
(continued)**

| IV. O&M COSTS                                                                                                                                                                                                                                                                                                                                                                                                         |                     |                    |                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------|---------------------------------------------|
| <b>1. O&amp;M Organization:</b><br><div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <input type="checkbox"/> State In-House<br/> <input type="checkbox"/> PRP In-House<br/> <input checked="" type="checkbox"/> Other: <u>SRS</u> </div> <div style="width: 48%;"> <input type="checkbox"/> Contractor for State<br/> <input type="checkbox"/> Contractor for PRP </div> </div> |                     |                    |                                             |
| <b>2. O&amp;M Cost Records:</b><br><input type="checkbox"/> Readily Available <input type="checkbox"/> Up to Date <input type="checkbox"/> Funding mechanism/agreement in place<br><input checked="" type="checkbox"/> Other: <u>Project cost data is summarized in Section IV of this OU-specific review.</u>                                                                                                        |                     |                    |                                             |
| <b>Total annual cost by year for review period, if available</b>                                                                                                                                                                                                                                                                                                                                                      |                     |                    |                                             |
| From: _____<br>(Date)                                                                                                                                                                                                                                                                                                                                                                                                 | To: _____<br>(Date) | _____ (Total Cost) | <input type="checkbox"/> Breakdown attached |
| From: _____<br>(Date)                                                                                                                                                                                                                                                                                                                                                                                                 | To: _____<br>(Date) | _____ (Total Cost) | <input type="checkbox"/> Breakdown attached |
| From: _____<br>(Date)                                                                                                                                                                                                                                                                                                                                                                                                 | To: _____<br>(Date) | _____ (Total Cost) | <input type="checkbox"/> Breakdown attached |
| From: _____<br>(Date)                                                                                                                                                                                                                                                                                                                                                                                                 | To: _____<br>(Date) | _____ (Total Cost) | <input type="checkbox"/> Breakdown attached |
| From: _____<br>(Date)                                                                                                                                                                                                                                                                                                                                                                                                 | To: _____<br>(Date) | _____ (Total Cost) | <input type="checkbox"/> Breakdown attached |
| <b>3. Unanticipated or Unusually High O&amp;M Costs During Review Period</b><br>Describe costs and reasons: <u>N/A</u><br><br><br><br>                                                                                                                                                                                                                                                                                |                     |                    |                                             |
| V. ACCESS AND INSTITUTIONAL CONTROLS <input checked="" type="checkbox"/> Applicable <input type="checkbox"/> N/A                                                                                                                                                                                                                                                                                                      |                     |                    |                                             |
| <b>A. Fencing</b>                                                                                                                                                                                                                                                                                                                                                                                                     |                     |                    |                                             |
| <b>1. Fencing Damage:</b> <input type="checkbox"/> Location shown on site map <input type="checkbox"/> Gates secured <input checked="" type="checkbox"/> N/A<br>Remarks: <u>OU-specific fencing is not required by the remedial action.</u><br><br>                                                                                                                                                                   |                     |                    |                                             |
| <b>B. Signs</b>                                                                                                                                                                                                                                                                                                                                                                                                       |                     |                    |                                             |
| <b>1. Signs and Other Security Measures:</b> <input type="checkbox"/> Location shown on site map <input type="checkbox"/> N/A<br>Remarks: <u>Signs at this site are in good condition.</u><br><br>                                                                                                                                                                                                                    |                     |                    |                                             |



Attachment G-1. Five-Year Review Site Inspection Checklist – R-Area Operable Unit  
(continued)

| V. ACCESS AND INSTITUTIONAL CONTROLS (Continued)                                                                                                                                                                                   |                              |                                                 |                                        |                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------|----------------------------------------|-----------------------------------------|
| <b>C. Institutional Controls</b>                                                                                                                                                                                                   |                              |                                                 |                                        |                                         |
| <b>1. Implementation and Enforcement</b>                                                                                                                                                                                           |                              |                                                 |                                        |                                         |
| Site conditions imply ICs are not properly implemented:                                                                                                                                                                            |                              | <input type="checkbox"/> Yes                    | <input checked="" type="checkbox"/> No | <input type="checkbox"/> N/A            |
| Site conditions imply ICs are not being fully enforced:                                                                                                                                                                            |                              | <input type="checkbox"/> Yes                    | <input checked="" type="checkbox"/> No | <input type="checkbox"/> N/A            |
| Type of monitoring (e.g., self-reporting, drive-by, etc.)                                                                                                                                                                          |                              | <u>Walkdown</u>                                 |                                        |                                         |
| Frequency:                                                                                                                                                                                                                         |                              | <u>Once every five year</u>                     |                                        |                                         |
| Responsible Party/Agent:                                                                                                                                                                                                           |                              | <u>USDOE Savannah River Field Office</u>        |                                        |                                         |
| Contact:                                                                                                                                                                                                                           | <u>Phil Prater</u><br>(Name) | <u>RCRA/Remedial Program Manager</u><br>(Title) | <u>12/09/19</u><br>(Date)              | <u>803-952-9333</u><br>(Phone No.)      |
| Reporting is up-to-date:                                                                                                                                                                                                           |                              | <input checked="" type="checkbox"/> Yes         | <input type="checkbox"/> No            | <input type="checkbox"/> N/A            |
| Reports are verified by the lead agency:                                                                                                                                                                                           |                              | <input checked="" type="checkbox"/> Yes         | <input type="checkbox"/> No            | <input type="checkbox"/> N/A            |
| Specific requirements in deed or decision documents have been met:                                                                                                                                                                 |                              | <input checked="" type="checkbox"/> Yes         | <input type="checkbox"/> No            | <input type="checkbox"/> N/A            |
| Violations have been reported:                                                                                                                                                                                                     |                              | <input type="checkbox"/> Yes                    | <input type="checkbox"/> No            | <input checked="" type="checkbox"/> N/A |
| Problems/Suggestions:                                                                                                                                                                                                              |                              | <input type="checkbox"/> Report Attached        |                                        |                                         |
| <hr/>                                                                                                                                                                                                                              |                              |                                                 |                                        |                                         |
| <hr/>                                                                                                                                                                                                                              |                              |                                                 |                                        |                                         |
| <b>2. Adequacy:</b> <input checked="" type="checkbox"/> ICs are adequate <input type="checkbox"/> ICs are inadequate <input type="checkbox"/> N/A                                                                                  |                              |                                                 |                                        |                                         |
| Remarks: <u>The ICs are adequately maintaining the RAOU protective systems. When maintenance activities are identified during inspections (e.g., woody vegetation removal from the roof), repairs are scheduled and performed.</u> |                              |                                                 |                                        |                                         |
| <hr/>                                                                                                                                                                                                                              |                              |                                                 |                                        |                                         |
| <hr/>                                                                                                                                                                                                                              |                              |                                                 |                                        |                                         |
| <b>D. General</b>                                                                                                                                                                                                                  |                              |                                                 |                                        |                                         |
| <b>1. Vandalism/Trespassing:</b> <input type="checkbox"/> Location shown on site map <input checked="" type="checkbox"/> No vandalism is evident                                                                                   |                              |                                                 |                                        |                                         |
| Remarks: <hr/>                                                                                                                                                                                                                     |                              |                                                 |                                        |                                         |
| <hr/>                                                                                                                                                                                                                              |                              |                                                 |                                        |                                         |
| <b>2. Land use changes onsite:</b> <input checked="" type="checkbox"/> N/A                                                                                                                                                         |                              |                                                 |                                        |                                         |
| Remarks: <hr/>                                                                                                                                                                                                                     |                              |                                                 |                                        |                                         |
| <hr/>                                                                                                                                                                                                                              |                              |                                                 |                                        |                                         |
| <b>3. Land use changes offsite:</b> <input checked="" type="checkbox"/> N/A                                                                                                                                                        |                              |                                                 |                                        |                                         |
| Remarks: <hr/>                                                                                                                                                                                                                     |                              |                                                 |                                        |                                         |
| <hr/>                                                                                                                                                                                                                              |                              |                                                 |                                        |                                         |

Attachment G-1. Five-Year Review Site Inspection Checklist – R-Area Operable Unit  
(continued)

| VI. GENERAL SITE CONDITIONS                                                                                                                                                                                 |                                                                |                                                                |                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------|
| <b>A. Roads</b>                                                                                                                                                                                             | <input checked="" type="checkbox"/> Applicable                 | <input type="checkbox"/> N/A                                   |                                             |
| <b>1. Roads damaged:</b>                                                                                                                                                                                    | <input checked="" type="checkbox"/> Location shown on site map | <input checked="" type="checkbox"/> Roads adequate             | <input type="checkbox"/> N/A                |
| Remarks: _____<br>_____                                                                                                                                                                                     |                                                                |                                                                |                                             |
| <b>B. Other Site Conditions</b>                                                                                                                                                                             |                                                                |                                                                |                                             |
| Remarks: _____<br>_____<br>_____<br>_____                                                                                                                                                                   |                                                                |                                                                |                                             |
| VII. LANDFILL COVER/CONTAINMENT                                                                                                                                                                             |                                                                |                                                                |                                             |
|                                                                                                                                                                                                             |                                                                | <input checked="" type="checkbox"/> Applicable                 | <input type="checkbox"/> N/A                |
| <b>A. Landfill Surface</b>                                                                                                                                                                                  |                                                                |                                                                |                                             |
| <b>1. Settlement (Low spots):</b>                                                                                                                                                                           | <input type="checkbox"/> Location shown on site map            | <input checked="" type="checkbox"/> Settlement not evident     |                                             |
| Areal extent _____                                                                                                                                                                                          | Depth _____                                                    |                                                                |                                             |
| Remarks: _____<br>_____                                                                                                                                                                                     |                                                                |                                                                |                                             |
| <b>2. Cracks:</b>                                                                                                                                                                                           | <input type="checkbox"/> Location shown on site map            | <input checked="" type="checkbox"/> Cracking not evident       |                                             |
| Lengths _____                                                                                                                                                                                               | Widths _____                                                   | Depths _____                                                   |                                             |
| Remarks: <u>No cracking evident that would impact the low-permeable barrier. Cracking evident in the concrete cover of the disassembly basin does not impact the protectiveness of the remedy.</u><br>_____ |                                                                |                                                                |                                             |
| <b>3. Erosion:</b>                                                                                                                                                                                          | <input type="checkbox"/> Location shown on site map            | <input checked="" type="checkbox"/> Erosion not evident        |                                             |
| Areal extent _____                                                                                                                                                                                          | Depth _____                                                    |                                                                |                                             |
| Remarks: _____<br>_____                                                                                                                                                                                     |                                                                |                                                                |                                             |
| <b>4. Holes:</b>                                                                                                                                                                                            | <input type="checkbox"/> Location shown on site map            | <input checked="" type="checkbox"/> Holes not evident          |                                             |
| Areal extent _____                                                                                                                                                                                          | Depth _____                                                    |                                                                |                                             |
| Remarks: _____<br>_____                                                                                                                                                                                     |                                                                |                                                                |                                             |
| <b>5. Vegetative Cover:</b>                                                                                                                                                                                 | <input type="checkbox"/> Grass                                 | <input checked="" type="checkbox"/> Cover properly established | <input type="checkbox"/> No signs of stress |
| Areal extent _____                                                                                                                                                                                          | Depth _____                                                    |                                                                |                                             |
| Remarks: _____<br>_____                                                                                                                                                                                     |                                                                |                                                                |                                             |

**Attachment G-1. Five-Year Review Site Inspection Checklist – R-Area Operable Unit  
(continued)**

| VII. LANDFILL COVER/CONTAINMENT (Continued)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| <b>6. Alternative Cover (armored rock, concrete, etc.):</b> <input checked="" type="checkbox"/> Applicable <input type="checkbox"/> N/A<br>Remarks: <u>Concrete Cover system</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |
| <b>7. Bulges:</b> <input type="checkbox"/> Location shown on site map <input checked="" type="checkbox"/> Bulges not evident<br>Areal extent _____ Depth _____<br>Remarks: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |
| <b>8. Wet Areas / Water Damage:</b> <input checked="" type="checkbox"/> Wet areas/water damage not evident<br><div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> Wet areas<br/> <input type="checkbox"/> Ponding<br/> <input type="checkbox"/> Seeps<br/> <input type="checkbox"/> Soft subgrade               </div> <div> <input type="checkbox"/> Location shown on site map<br/> <input type="checkbox"/> Location shown on site map<br/> <input type="checkbox"/> Location shown on site map<br/> <input type="checkbox"/> Location shown on site map               </div> <div>                 Areal extent _____<br/>                 Areal extent _____<br/>                 Areal extent _____<br/>                 Areal extent _____               </div> </div> Remarks: _____ |  |  |
| <b>9. Slope Instability:</b> <input type="checkbox"/> Slides <input type="checkbox"/> Location shown on site map <input checked="" type="checkbox"/> No evidence of slope instability<br>Areal extent _____<br>Remarks: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |
| <b>B. Benches</b> <input type="checkbox"/> Applicable <input checked="" type="checkbox"/> N/A<br>(Horizontally constructed mounds of earth placed across a steep landfill side slope to interrupt the slope in order to slow down the velocity of surface runoff and intercept and convey the runoff to a lined channel)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
| <b>C. Letdown Channels</b> <input type="checkbox"/> Applicable <input checked="" type="checkbox"/> N/A<br>(Channel lined with erosion control mates, riprap, grout bags, or gabions that descend down the steep side slope of the cover and will allow the runoff water collected by the benches to move off of the landfill cover without creating erosion gullies)                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |
| <b>D. Cover Penetrations</b> <input type="checkbox"/> Applicable <input checked="" type="checkbox"/> N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
| <b>E. Gas Collection and Treatment</b> <input type="checkbox"/> Applicable <input checked="" type="checkbox"/> N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |
| <b>F. Cover Drainage Layer</b> <input type="checkbox"/> Applicable <input checked="" type="checkbox"/> N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |
| <b>G. Detention/Sedimentation Ponds</b> <input type="checkbox"/> Applicable <input checked="" type="checkbox"/> N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |
| <b>H. Retaining Walls</b> <input type="checkbox"/> Applicable <input checked="" type="checkbox"/> N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |
| <b>I. Perimeter Ditches/Offsite Discharge</b> <input type="checkbox"/> Applicable <input checked="" type="checkbox"/> N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |

**Attachment G-1. Five-Year Review Site Inspection Checklist – R-Area Operable Unit  
(continued)**

|                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                |                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------|-----------------------------------------|
| <b>VIII. VERTICAL BARRIER WALLS</b>                                                                                                                                                                                                                                                                                                                                                                    |  | <input type="checkbox"/> Applicable            | <input checked="" type="checkbox"/> N/A |
| <b>IX. GROUNDWATER/SURFACE WATER REMEDIES</b>                                                                                                                                                                                                                                                                                                                                                          |  | <input checked="" type="checkbox"/> Applicable | <input type="checkbox"/> N/A            |
| <b>A. Groundwater Extraction Wells, Pumps, and Pipelines</b>                                                                                                                                                                                                                                                                                                                                           |  | <input type="checkbox"/> Applicable            | <input checked="" type="checkbox"/> N/A |
| <b>B. Surface Water Collection Structures, Pumps, and Pipelines</b>                                                                                                                                                                                                                                                                                                                                    |  | <input type="checkbox"/> Applicable            | <input checked="" type="checkbox"/> N/A |
| <b>C. Treatment System</b>                                                                                                                                                                                                                                                                                                                                                                             |  | <input type="checkbox"/> Applicable            | <input checked="" type="checkbox"/> N/A |
| <b>D. Monitoring Data</b>                                                                                                                                                                                                                                                                                                                                                                              |  | <input checked="" type="checkbox"/> Applicable | <input type="checkbox"/> N/A            |
| <b>E. Monitored Natural Attenuation</b>                                                                                                                                                                                                                                                                                                                                                                |  | <input checked="" type="checkbox"/> Applicable | <input type="checkbox"/> N/A            |
| <b>1.</b><br><input checked="" type="checkbox"/> Properly secured/locked <input checked="" type="checkbox"/> Functioning <input checked="" type="checkbox"/> Routinely sampled <input checked="" type="checkbox"/> Good condition<br><input checked="" type="checkbox"/> All required wells located <input type="checkbox"/> Needs maintenance <input type="checkbox"/> N/A<br>Remarks: _____<br>_____ |  |                                                |                                         |
| <b>X. OTHER REMEDIES</b>                                                                                                                                                                                                                                                                                                                                                                               |  |                                                |                                         |
| If there are remedies applied at the site, which are not covered above, attach an inspection sheet describing the physical nature and condition of any facility associated with the remedy. An example would be soil vapor extraction.                                                                                                                                                                 |  |                                                |                                         |
| <b>A. Soil Vapor Extraction System</b>                                                                                                                                                                                                                                                                                                                                                                 |  | <input type="checkbox"/> Applicable            | <input checked="" type="checkbox"/> N/A |

**Attachment G-1. Five-Year Review Site Inspection Checklist – R-Area Operable Unit  
(continued/end)**

| <b>XI. OVERALL OBSERVATIONS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>A. Implementation of the Remedy</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <p>Describe issues and observations relating to whether the remedy is effective and functioning as designed. Begin with a brief statement of what the remedy is to accomplish (i.e., to contain contaminant plume, minimize infiltration and gas emissions, etc.).</p> <p>The remedial action for RAOU includes MNA, ISD, cover system, and LUCs to prevent exposure to contaminated groundwater above MCLs. The remedy is fully established and functioning as designed.</p>                                                                                                                                                                                                                                                                       |
| <b>B. Adequacy of O&amp;M</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <p>Describe issues and observations related to the implementation and scope of O&amp;M procedures. In particular, discuss their relationship to the current and long-term protectiveness of the remedy.</p> <p>The O&amp;M procedures consisting of annual site inspections and site maintenance (vegetation removal, structures integrity and warning signs) and site controls (SRS Site Use and Site Clearance Programs, which restrict invasive and permanent installation activities at the waste unit) have been implemented. The O&amp;M procedures are adequately maintaining the RAOU and the condition of its warning signs is good. There are no issues that impact the protectiveness of the remedy that require corrective actions.</p> |
| <b>C. Early Indicators of Potential Remedy Failure</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <p>Describe issues and observations such as unexpected changes in the cost or scope of O&amp;M or a high frequency of unscheduled repairs that suggest that the protectiveness of the remedy may be compromised in the future.</p> <p>N/A</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>D. Opportunities for Optimization</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <p>Describe possible opportunities for optimization in monitoring tasks or the operation of the remedy.</p> <p>N/A</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

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**R-AREA REACTOR SEEPAGE BASINS (904-57G, 904-58G, 904-59G, 904-60G, 904-103G, 904-104G) AND 108-4R OVERFLOW BASIN OPERABLE UNIT**

**I. Introduction**

This report is the fourth five-year remedy review for the R-Area Reactor Seepage Basins (904-57G, 904-58G, 904-59G, 904-60G, 904-103G, 904-104G) and 108-4R Overflow Basin (RRSB) Operable Unit (OU). Contaminants have been left in place at the RRSB OU at levels that do not allow for unlimited use and unrestricted exposure. The review was conducted from August 2019 through November 2019. The purpose of this review is to determine whether the remedy in place at the RRSB OU is protective of human health and the environment. This report documents the results of the review.

**II. OU Chronology**

Table H-1 lists the chronology of site events for the RRSB OU.

**III. Background**

RRSB OU is listed as a Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) unit in Appendix C of the Federal Facility Agreement (FFA) for Savannah River Site (SRS) (FFA 1993). The media associated with the RRSB OU are soil and groundwater.

The RRSB OU consists of the following: six seepage basins, process sewer lines, sanitary sewer system (sewer lines and sanitary discharge lagoon), an area of contaminated vegetation north of R-Reactor Building (105-R), surface water and sediment, RRSB groundwater, and the 108-4R Overflow Basin.

**Physical Characteristics**

R Area is located in the east-central portion of SRS, west of PAR Pond (Figure H-1). The RRSB OU is located north of the R-Reactor Building (105-R) (Figure H-2) and straddles the boundary between the Upper Three Runs and Lower Three Runs watersheds. Prior to initiation of remedial actions, the entire area, 11 hectares (27 acres), was fenced and approximately 45%, 5 hectares (12 acres), was paved.

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Six unlined earthen basins were constructed to receive radioactively contaminated purge water from R-Reactor's spent fuel storage process. All six basins were constructed between June 1957 and March 1958. The basins varied in depth from 2 to 4.9 m (6.6 ft to 16.4 ft) below ground surface. Basin 1 was L-shaped, with each leg approximately 60 m (200 ft) long by 12 m (40 ft) wide. Basin 2 was 60 m (200 ft) long by 15 m (50 ft) wide. Basin 3 was 90 m (300 ft) long by 9 m (30 ft) wide. Basin 4 was 97.5 m (325 ft) long by 9 m (30 ft) wide. Basin 5 was 112.5 m (375 ft) long by 12 m (40 ft) wide. Basin 6 was 165 m (550 ft) long by 15 m (50 ft) wide (WSRC 1997).

Process sewer lines conveyed process water from the R-Reactor disassembly basin to the six seepage basins. The pipelines to Basins 1 through 5 were 7.5-cm (3-in) polyvinyl chloride (554 m [1,848 ft] in total length) and the pipeline to Basin 6 was 10-cm (4-in) steel (340.5 m [1,135 ft] in total length) (WSRC 1997).

A 15-cm (6-in) and 30-cm (12-in) terra cotta sanitary sewer line that supported a housing camp during construction of the R-Reactor extended through the RRSB OU to convey wastewater to a sanitary discharge lagoon (WSRC 1997).

Three small surface areas, called the eastern, western, and northern contamination areas, were contaminated near the basins ranging in size respectively [6 x 12 m (20 x 40 ft), 4.5 x 9 m (15 x 30 ft), and 3.6 x 4.5 m (12 x 15 ft)] (SRNS 2008).

The 108-4R Overflow Basin is located 75 m (250 ft) southwest of the R-Reactor and approximately 150 m (500 ft) southwest of R-Reactor Seepage Basins. The basin was constructed to collect overflow from two adjacent underground storage tanks (USTs) within a vault (108-3R) that stored diesel fuel for standby generators in the R Reactor. The unlined basin was approximately 18 m x 18 m x 2.4 m (60 ft x 60 ft x 8 ft) deep. A soil berm up to 0.6 m (2 ft) above grade was placed around the basin's perimeter. The USTs were removed in March 1990 and the associated piping was abandoned in place after being flushed and purged as directed by South Carolina Department of Health and Environmental Control (SCDHEC).

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The RRSBs lie north of and adjacent to R-Reactor on an elevated divide between Mill Creek and the primary discharge canal northeast of the R-Area perimeter fence (Figure H-2). The OU is situated between drainage to PAR Pond located 2.7 km (1.7 mi) to the southeast (beyond the boundaries of the figure) and the headwaters of Mill Creek located 0.4 km (0.25 mi) to the northwest. The western edge of the basin area slopes towards the west. Surface water drainage from the RRSB OU flows north and west into Mill Creek or east into the R-Area Discharge Canal and Pond A.

Groundwater in the shallow water table aquifer, a horizon of the Upper Aquifer Zone of the Upper Three Runs Aquifer, has been contaminated. Historically, large fluctuations in the water table elevation occur as a result of changes in precipitation, resulting in occurrences of groundwater coming close to or in contact with contamination in the bottom of the basins. Groundwater flow is primarily vertical from the A to AA horizon to the Transmissive Zone, where flow becomes more lateral and moves radially away from the basins. A review of water table elevations from the currently monitored wells indicate increasing levels since the last five-year remedy review, which is consistent with the increased rainfall since then.

### **Land and Resource Use**

According to the *Savannah River Site Future Use Project Report* (USDOE 1996), residential uses of the SRS land should be prohibited. The *Land Use Control Assurance Plan for the Savannah River Site* (WSRC 1999) designates RRSB OU as being within the site industrial support area. The future land use for RRSB OU is reasonably anticipated to remain industrial with the U.S. Department of Energy (USDOE) maintaining control of the land.

### **History of Contamination**

The six basins received an estimated 5-million gallons of purge water, containing approximately 3,276 Ci total activity, from the R-Reactor disassembly basin. Primary radionuclides present were strontium-90, cesium-137, and tritium. A non-routine discharge, due to a calorimeter test failure in 1957, released approximately 2,700 Ci of

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radionuclides primarily to Basin 1 with Basins 2 through 5 receiving a lesser amount. A sanitary sewer system was breached during the construction of Basins 1 and 5 and received the contaminated water discharged to the basins (WSRC 1997).

Basins 1 through 5 were retired and backfilled during the period 1958 through 1959. The backfill operation involved placement of clean soil followed by a cover of a thin asphalt emulsion to restrict the infiltration of surface water and to inhibit the growth of vegetation. Between 1960 and 1963, clay dikes were placed around Basin 1 and the northwest end of Basin 3. The dikes extended down to a clay layer at an approximate depth of 4.5 m (15 ft) and 2.4 m (8 ft) at Basins 1 and 3, respectively. Clay caps were then placed over the diked areas to control exposure to radioactively contaminated surface soils and infiltration of surface water (WSRC 1997). Basin 6 was retired in 1964, when operations at R-Reactor ceased. In 1977, this basin was backfilled with soil and covered with a thin asphalt emulsion (WSRC 1997).

In 1996, the asphalt emulsion over all the basins was determined to be contaminated with radioactive soil, vegetation, and fire ant mounds. The surface contamination was being spread by surface water runoff and wind (WSRC 1997). Figure H-3 shows a photograph of one of the basins prior to any remedial action.

The 108-4R Overflow Basin was in operation from 1953 to 1964. The USTs were removed in March 1990, and associated piping was abandoned in place after being flushed and purged to less than 20 percent of the lower explosive limit as directed by SCDHEC. Soil and groundwater samples taken during excavation of the USTs indicated no detectable levels of contamination. The groundwater samples were collected from groundwater that seeped into the excavation (WSRC 1990).

### **Initial Response**

The *Removal Site Evaluation Report for the R-Reactor Seepage Basin, Erosion Control Activities and Asphalt Cover Refurbishment* (WSRC 1996) determined that the spread of contamination due to the deteriorated condition of the asphalt emulsion cover warranted action. A removal action was performed during the summer of 1996, which included a

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4.34-hectare (10.7-acre) cover system over the existing asphalt emulsion. The cover system consisted of a 10-cm (4-inch) thick layer of asphalt over 0.45 m (1.5 ft) minimum thick layer of clean soil. Prior to the cover system installation, the surfaces of the basins were treated with herbicides and insecticides, and the surface was recontoured to promote drainage.

### **Basis for Taking Action**

Because of the large quantity of radioactivity in the historical releases, it was concluded that the subsurface soil associated with the basin bottoms, the process sewer lines, and the contaminated sections of the sanitary sewer line should be considered principal threat source material (PTSM). Final contaminants of concern (COCs) and associated remedial goals (RGs) were developed for the RRSB (WSRC 2002, 2003) (Table H-2).

The 108-4R Overflow Basin, Surface Water, and Sediment subunits were characterized under a separate soil investigation from February to April 1996. No final COCs were identified for soil or groundwater. Therefore, there is no problem warranting action at the 108-4R Overflow Basin, surface water, and sediment. With approval of SCDHEC and U.S. Environmental Protection Agency (USEPA), this subunit was backfilled and covered by a vegetative layer.

The basis for taking action was due to potential exposure of residents or industrial workers to unacceptable levels of carcinogenic contaminants in soils and groundwater, and due to the potential continuing impact to groundwater due to leaching from contaminated soils. Risks were highest for exposures to soils attributable to the presence of multiple radionuclides, including cesium-137 and strontium-90. Potential risks associated with exposure to groundwater are attributed to the presence of strontium-90. No ecological risks were associated with this OU.

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#### **IV. Remedial Actions**

##### **Remedy Selection**

As stated in the Record of Decision (ROD) (WSRC 2003), the selected remedial action for the RRSB OU is placement of a reinforced concrete intruder barrier system with granite monuments over the PTSM, excavation of PTSM outside of the boundary fence and disposal on-unit, excavation and on-unit disposal of contaminated vegetation, installation of an asphalt bioturbation barrier, mixing zone for groundwater, and institutional controls. The RGs for groundwater COCs are based on achieving their respective maximum contaminant level (MCL) values in all monitoring wells.

As stated in the ROD (WSRC 2003), the remedial action objectives (RAOs) for the four RRSB OU subunits that require remedial actions include the following:

##### ***Seepage Basins***

- Minimize transport of soil contaminants to groundwater above MCLs;
- Prevent industrial worker exposure to contamination (including contaminated vegetation) in the long-term;
- Consider treatment or removal to address PTSM to the extent practicable; and
- Prevent residential development within the RRSB OU and any exposure to basin contents.

##### ***Abandoned Process Sewer Lines***

- Prevent industrial worker exposure to the pipelines;
- Consider treatment alternatives to address PTSM (pipelines) to the extent practicable; and
- Prevent residential development within the OU and any exposure to the pipelines.

##### ***Sanitary Sewer System***

- Prevent industrial worker exposure to the sanitary sewer lines and associated subsurface soil contaminants;
-

- Prevent industrial worker exposure to contaminated vegetation;
- Prevent future transfer of subsurface soil contaminants towards the surface through biotic uptake or bioturbation;
- Consider treatment alternatives to address PTSM (sanitary sewer line) to the extent practicable; and
- Prevent residential development within the OU and any exposure to the sewer lines.

### ***Groundwater***

- Prevent industrial worker exposure to groundwater contaminated above MCLs.
- Reduce strontium-90 concentrations in groundwater to below MCLs.
- Minimize the spread of groundwater contamination and prevent discharge of contaminated groundwater to surface water; and
- Prevent residential development within the OU and any exposure to contaminated groundwater.

### **Remedy Implementation**

Implementation of these remedial actions included the following activities (SRNS 2008):

- Consolidated PTSM in a PTSM Waste Trench, which included excavation of all contaminated process and sanitary sewer lines, and associated soil located outside of the OU boundary, and contaminated soils in the contamination areas (Cas). The PTSM consisted of approximately 230 m<sup>3</sup> (300 yd<sup>3</sup>) of process pipes and associated soil, 54 m<sup>3</sup> (70 yd<sup>3</sup>) of soil from the three CAs, seven 208-L (55-gallon) drums of solidified residual water collected from the process sewer lines and five thrust blocks (0.6 m x 0.6 m x 0.6 m [2 ft x 2 ft x 2 ft]). The CAs were backfilled using adjacent soils (in two CAs) or common fill (in one CA). Where practical, the pipes were grouted prior to removal to contain contaminants. The excavated areas were backfilled with clean fill material.
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- Consolidated contaminated trees from the RRSB OU and the Warner's Pond OU, secondary waste and track hoe in areas where contaminated vegetation had grown. The contaminated trees were cut down, chipped, stockpiled, composted, and blended with the first foot of soil where contaminated vegetation had previously grown. The secondary waste consisted of pre-existing concrete markers, galvanized corrugated metal pipe and miscellaneous job control waste and personal protective equipment.
  - Installed a concrete intruder barrier covering 2.2 hectares (5.5 acres) over all PTSM located in all six basins, the PTSM Waste Trench, and the process sewer lines inside the boundary fence (Figures H-2 and H-4). The barrier consisted of a 15-cm (6-in) minimum reinforced concrete placed directly on the existing asphalt cover or over a 15-cm (6-in) minimum thick layer of clean, compacted structural fill on soils and newly placed asphalt. The barrier extended 3 m (10 ft) beyond the edge of the PTSM.
  - Installed an asphalt bioturbation barrier covering 5.1 hectares (12.6 acres) where contaminated vegetation had previously grown (Figures H-2 and H-4). The barrier consists of a 10-cm (4-in) minimum thick asphalt layer over a 15-cm (6-in) minimum thick layer of clean, compacted structural fill. The barrier extended 6 m (20 ft) beyond the edge of the area.
  - Installed five granite monuments on the concrete intruder barrier to warn future inadvertent intruders.
  - Established a mixing zone monitoring well network by installing 15 monitoring wells and abandoning 30 existing monitoring wells.
  - Installed 23 access control warning signs and fencing along the perimeter of the RRSB OU.
  - Established land use controls (LUCs) for 15.3 hectares (37.8 acres) including:
    - 1) requiring a Site Use and Site Clearance Permit for any proposed use of land within the OU area, which is applicable to all activities and personnel on site;
    - 2) maintaining the site access controls (24-hour surveillance system, artificial and
-

natural barriers, control entry systems, and warning signs) in place at the SRS boundary to comply with the security requirements for a Resource Conservation and Recovery Act-permitted facility; and 3) in the long-term, if the property ever is transferred to non-federal ownership, the US Government will take those actions necessary pursuant to Section 120(h) of CERCLA. Those actions will include a deed notification disclosing former waste management and disposal activities as well as remedial actions taken on the site (WSRC 2003).

### **System Operations/Operation and Maintenance**

There are no system operational requirements.

The following maintenance activities are ongoing:

- Groundwater mixing zone monitoring program has been implemented. Groundwater Mixing Zone Reports were being issued biennially through 2014, with the first report submitted in August 2010 (SRNS 2010, SRNS 2012, SRNS 2014). After 2014, reports are to be submitted every four years (2018, 2022, etc.), with letter reports submitted in between (2016, 2020, etc.). One letter report (SRNS 2016) and one Groundwater Mixing Zone Report (SRNS 2018) have been submitted since the last five-year remedy review. Groundwater is being monitored for strontium-90, americium-241 (well RSE 26DL), and water elevation.
- Annual site inspections and site maintenance (i.e., intruder and bioturbation barriers maintenance, repair of erosion damage, fencing and warning signs) (WSRC 2008). Minor repairs (e.g., seal small cracks, remove vegetation growth) to the RRSB bioturbation asphalt barrier are completed soon after discovery. Major repairs (e.g., complete asphalt resurfacing) are anticipated approximately every fifth year.
- Site controls (SRS Site Use and Site Clearance Programs, which restrict invasive and permanent installation activities at the waste unit) have been implemented.

Costs associated with the selected remedy for RRSB include operation and maintenance (O&M) costs of the cover, groundwater mixing zone monitoring, and institutional controls

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(i.e., LUCs). The ROD estimated O&M cost, including Five-Year Remedy Review costs, associated with the selected remedy is \$19,145,000, which was discounted at 3.9% per year (WSRC 2003). This is a present worth cost, including 30 years of maintenance activities. The estimated O&M costs applicable to FY2015 through FY2019 are \$2,652,242. The actual O&M cost from FY2015 to FY2019 is \$503,459. The actual O&M costs (Table H-3) are less than estimated costs due to optimization of the groundwater monitoring. Based on inspections conducted from FY2015 through FY2019, the various maintenance activities completed at RRSB OU included sealing asphalt, applying herbicide to vegetation (i.e., on fence, in expansion joints on cover, and both sediment basins), cutting vegetation in sediment basins, and treating active ant mounds.

#### **V. Progress Since Last Review**

This is the fourth five-year remedy review for the RRSB OU. The previous protectiveness statement concluded that because the remedial actions of LUCs is protective, the RRSB OU is protective of human health and the environment.

There were no recommendations for follow-up actions from the last five-year remedy review.

#### **VI. Five-Year Review Process**

The following tasks were performed as part of the review:

- Reviewed the documents listed in Section XII, Documents Reviewed;
  - Evaluated the mixing zone to ensure that the contamination has not migrated beyond its established boundaries and the progress of radioactive decay in bringing contamination below MCLs. This process is calculated to take approximately 300 to 400 years (WSRC 2003);
  - Confirmed the implementation of the remedial action;
  - Inspected the OU, interviewed maintenance personnel and documented the results on the Inspection Checklist, provided in Attachment H-1 with the purpose of assessing the protectiveness of the remedy and the functionality of the access controls; and
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- Reviewed changes in standards and to-be-considered guidance

### ***Data Review***

Per the approved 2012/2013 Groundwater Mixing Zone Report (SRNS 2014) and subsequent modifications (USEPA 2014) groundwater is monitored for strontium-90, americium-241 (well RSE 26DL), and water elevation. Concentrations of strontium-90 in all wells have been below their mixing zone concentration limits since the mixing zone was established in 2007, except for one result at well RSE 10 (Figure H-5). However, that elevated result is attributed to excessive turbidity in the well. Americium-241 was non-detect during the last two sampling events. If the concentration of americium-241 in well RSE 26DL remains non-detect during the 2019 sampling event, the next groundwater mixing zone report for RRSB will include a recommendation to remove americium-241 from the list of monitored analytes. Removal of americium-241 from the analyte list will occur with concurrence by USEPA and SCDHEC.

The boundary well data was reviewed and no confirmed MCL exceedances for strontium-90 have been evaluated since the previous five-year remedy review. This is consistent with the groundwater modeling predictions and uncertainty analysis that were the basis for the groundwater mixing zone application that predicted the strontium-90 plume to diminish over time, be relatively stationary, and not move significantly in any direction (WSRC 2004). The selected remedy of monitored natural attenuation (MNA) by radioactive decay is effective in reducing strontium-90 concentrations in the groundwater. The mixing zone groundwater data verifies that groundwater does not exceed MCLs at the compliance points (boundary monitoring wells). Per the ROD, the mixing zone is monitored to ensure that the contamination does not migrate beyond its established boundaries and to follow the progress of radioactive decay in bringing contamination to MCLs. This process is calculated to take approximately 300 to 400 years (WSRC 2003).

### ***Summary of Inspections and Interviews***

Interviews were conducted with Phil Carter, O&M staff member, and Brian Hanshew, O&M Site Manager, on November 5, 2019 at the O&M organization offices. No issues

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were identified for the RRSB OU during these interviews. The RRSB OU was inspected by Savannah River Nuclear Solutions, LLC (SRNS) Environmental Compliance and Area Completion Projects (EC&ACP) on October 22, 2019. No issues were identified during these inspections.

The RRSB OU was inspected by SRNS EC&ACP and USDOE personnel on December 9, 2019. No issues that impact the protectiveness of the remedy were identified for the RRSB OU during this inspection.

A site inspection was conducted by USEPA and SCDHEC personnel, accompanied by USDOE and SRNS personnel on February 27, 2020. No significant problems regarding this OU were identified during the inspection.

## **VII. Technical Assessment**

### **Is the Remedy Functioning as Intended by the Decision Document?**

The remedies selected for the RRSB OU are functioning as intended, as demonstrated below:

The review of documents, applicable or relevant and appropriate requirements, risk assumptions, and the results of the site inspection indicates that the remedy is functioning as intended by the ROD. The consolidation of PTSM and contaminated trees and materials from RRSB OU and Warner's Pond OU, followed by placement of a concrete intruder barrier over PTSM contaminated materials and process sewer lines within the boundary fence is effective in preventing industrial worker exposure to contamination. This remedy component is minimizing rainwater infiltration, thus preventing the mobilization of contaminant migration COCs to groundwater above MCLs. The remedy component of MNA by radioactive decay is effective in reducing strontium-90 concentrations in the groundwater. The mixing zone groundwater data verifies that groundwater has not exceeded MCLs at the compliance points (boundary monitoring wells). The remedial action has achieved the RAOs for this OU. The effective implementation of institutional controls (i.e., LUCs) has prevented exposure to contaminated materials (i.e., soil, pipelines, vegetation) that remain beneath the cover system.

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The LUCs that are in place include (1) physical access controls to prevent unauthorized entry to SRS and the OU (fences, guards, security patrols, etc.); (2) administrative controls that maintain the OU for industrial use only (SRS is a secured government facility with land use restrictions); and (3) fencing, warning signs and LUCs (SRS Site Use/Site Clearance Program). The *Land Use Control Implementation Plan for RRSB OU* governs LUC implementation, maintenance, monitoring, reporting, and enforcement of LUCs (WSRC 2008). No activities were observed that would have violated the institutional controls (i.e., LUCs).

**Are Exposure Assumptions, Toxicity Data, Cleanup Levels, and Remedial Action Objectives still valid?**

The exposure assumptions, toxicity data, cleanup levels, and RAOs used at the time of remedy selection are still valid. There have been no changes in standards or physical conditions of the RRSB OU that would affect the protectiveness of the remedy.

**Has any Other Information Come to Light that Could Call into Question the Protectiveness of the Remedy?**

No other information has come to light that could call into question the protectiveness of the remedy.

**VIII. Issues**

There are no issues related to current site operations, conditions, or activities that currently prevent the remedy at the RRSB OU from being protective.

**IX. Recommendations and Follow-up Actions**

There are no recommendations and follow-up actions concerning RRSB OU

**X. Protectiveness Statements**

The remedy at the RRSB OU is protective of human health and the environment.

Exposure pathways that could result in unacceptable risks are being controlled by institutional controls (i.e., LUCs) to prevent exposure to or ingestion of contaminated

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groundwater and soil media. All threats to contaminated soil at the RRSB OU have been addressed through excavation, consolidation, backfilling of excavated areas, and implementation of physical access controls to prevent unauthorized entry to SRS (fences, guards, security patrols, etc.), administrative controls that maintain the RRSB OU for industrial use only, and warning signs and use restrictions via the SRS Site Use/Site Clearance Program.

## **XI. Next Review**

As shown in Appendix A, Table A-1, the next five-year remedy review for SRS OUs with Groundwater Remedies is scheduled for January 2026.

## **XII. Documents Reviewed**

FFA, 1993. *Federal Facility Agreement for the Savannah River Site*, Administrative Docket No. 89-05-FF (Effective Date: August 16, 1993)

SRNS, 2008. *Post-Construction Report for the R-Area Reactor Seepage Basins (904-57G, -58G, -59G, -60G, -103G, -104G) Operable Unit (U)*, WSRC-RP-2005-4070, Revision 1, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

SRNS, 2010. *2009 Biennial Groundwater Mixing Zone Report for the R-Area Reactor Seepage Basins and 108-4R Overflow Basin Operable Unit (U)*, SRNS-RP-2010-00999, Revision 0, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

SRNS, 2012. *2011 Biennial Groundwater Mixing Zone Report for the R-Area Reactor Seepage Basins and 108-4R Overflow Basin Operable Unit (U)*, SRNS-RP-2012-00349, Revision 1, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

SRNS, 2014. *2012/2013 Groundwater Mixing Zone Report for the R-Area Reactor Seepage Basins and 108-4R Overflow Basin Operable Unit (U)*, SRNS-RP-2014-00318, Revision 0, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

SRNS, 2016. *Groundwater Mixing Zone Sampling Summary Report for the R-Area Reactor Seepage Basin / 108-4R Overflow Basin Operable Unit 2015 (U)*, IACD-16-133, Revision 0, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

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SRNS, 2018. *Groundwater Mixing Zone Report for the R-Area Reactor Seepage Basins and 108-4R Overflow Basin Operable Unit (U)*, SRNS-RP-2018-00625, Revision 0, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

USDOE, 1996. *Savannah River Site Future Use Project Report*, U.S. Department of Energy, Savannah River Operations Office, Savannah River Site, Aiken, SC

USEPA, 2014. Letter, J. Richards (USEPA) to B.T. Hennessey (USDOE), dated September 10, 2014, *SUBJECT: EPA Review of 2012/2013 Groundwater Mixing Zone Report for the R-Area Reactor Seepage Basins / 108-4R Overflow Basin OU, CERCLIS Number: 25, SRNS-RP-2014-00318, Revision 0, dated June 2014, Savannah River Site NPL Site, South Carolina SC1 890 008 989*, U.S. Environmental Protection Agency, Atlanta, GA

WSRC, 1990. *Site Assessment of the 108-R Underground Storage Tank System at the Savannah River Site*, under cover from J.V. Odum to J.R. Hess (SCDHEC), ESH-FSG-900260, Westinghouse Savannah River Company LLC, Savannah River Site, Aiken, SC.

WSRC, 1996. *Removal Site Evaluation Report for the R Reactor Seepage Basins (904-57G, -58G, -59G, -60G, -103G, -104G) Erosion Control Activities and Asphalt Cover Refurbishment (U)*, WSRC-RP-96-141, Revision 1, Westinghouse Savannah River Company LLC, Savannah River Site, Aiken, SC

WSRC, 1997. *Preliminary Characterization Report Phase 1 RFI/RI for the R-Reactor Seepage Basins/108-4R Overflow Basin (U)*, WSRC-RP-97-196, Revision 0, Westinghouse Savannah River Company LLC, Savannah River Site, Aiken, SC

WSRC, 1999. *Land Use Control Assurance Plan for the Savannah River Site*, WSRC-RP-98-4125, Revision 1.1, latest revision, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

WSRC, 2002. *RCRA Facility Investigation/Remedial Investigation Report with Baseline Risk Assessment for the R-Area Reactor Seepage Basins/ 108-4R Overflow Basin Operable Unit (U)*, WSRC-RP-98-314, Revision 1.2, Westinghouse Savannah River Company LLC, Savannah River Site, Aiken, SC

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WSRC, 2003. *Record of Decision for the R-Area Reactor Seepage Basins (904-57G, -58G, -59G, -60G, -103G, -104G) and 108-4R Overflow Basin Operable Unit (U)*, WSRC-RP-2003-4093, Revision 1, Westinghouse Savannah River Company LLC, Savannah River Site, Aiken, SC

WSRC, 2004. *R-Area Reactor Seepage Basins and 108-4R Overflow Basin Operable Unit Mixing Zone (U)*, WSRC-RP-2002-4053, Revision 1.2, Westinghouse Savannah River Company LLC, Savannah River Site, Aiken, SC

WSRC, 2008. *Land Use Control Implementation Plan for the R-Area Reactor Seepage Basins (904-57G, -58G, -59G, -60G, -103G, -104G) Operable Unit (U)*, WSRC-RP-2004-4032, Revision 1.1, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

Various - Inspection Data Sheets – *Field Inspection Checklist, R-Reactor Seepage Basins 904-57G, 904-58G, 904-59G, 904-60G, 904-103G, 904-104G (U)*, ER-IDS-019-048, Inspection period 2015 through 2018 (annually)

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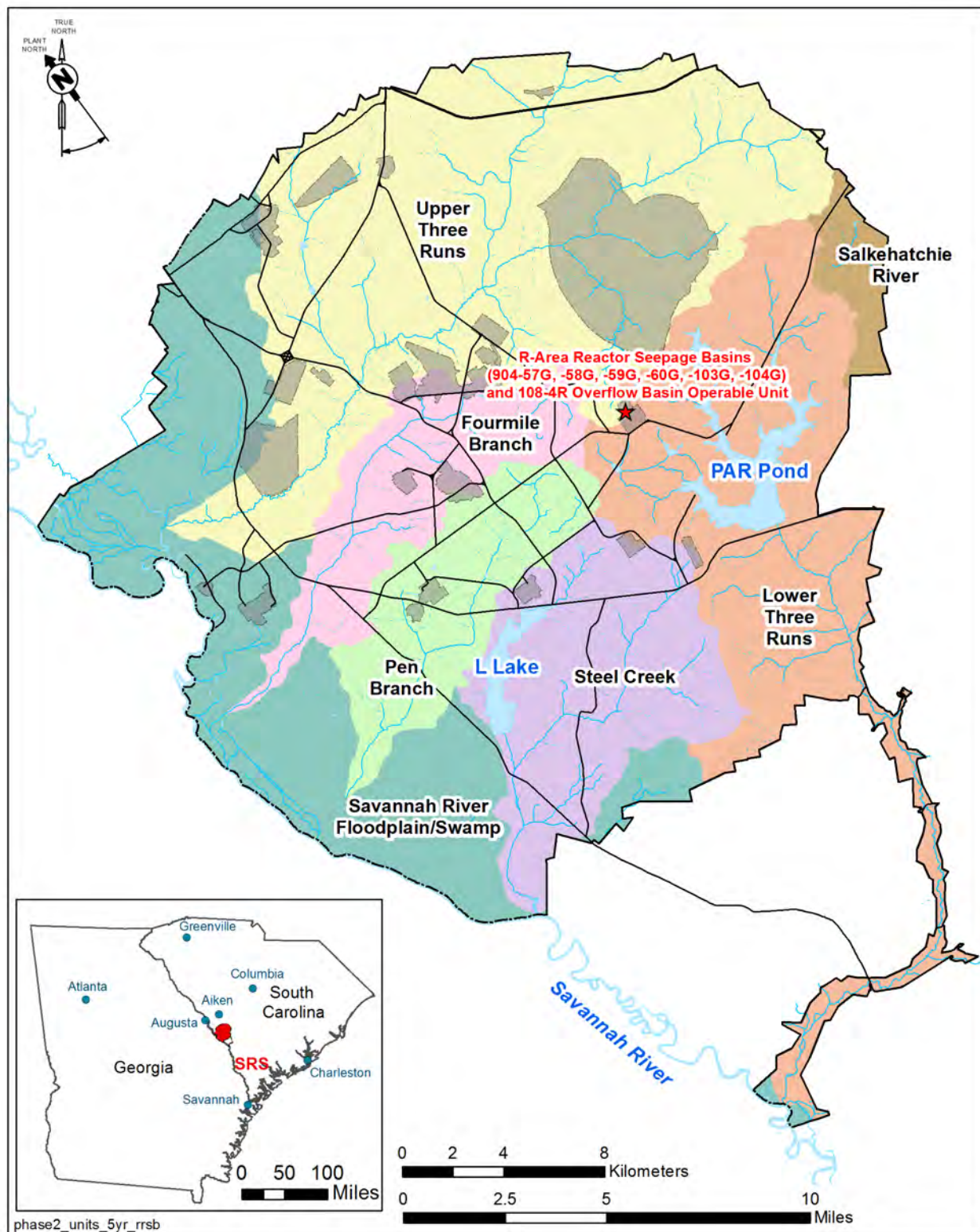


Figure H-1. Location of R-Area Reactor Seepage Basins Operable Unit at SRS



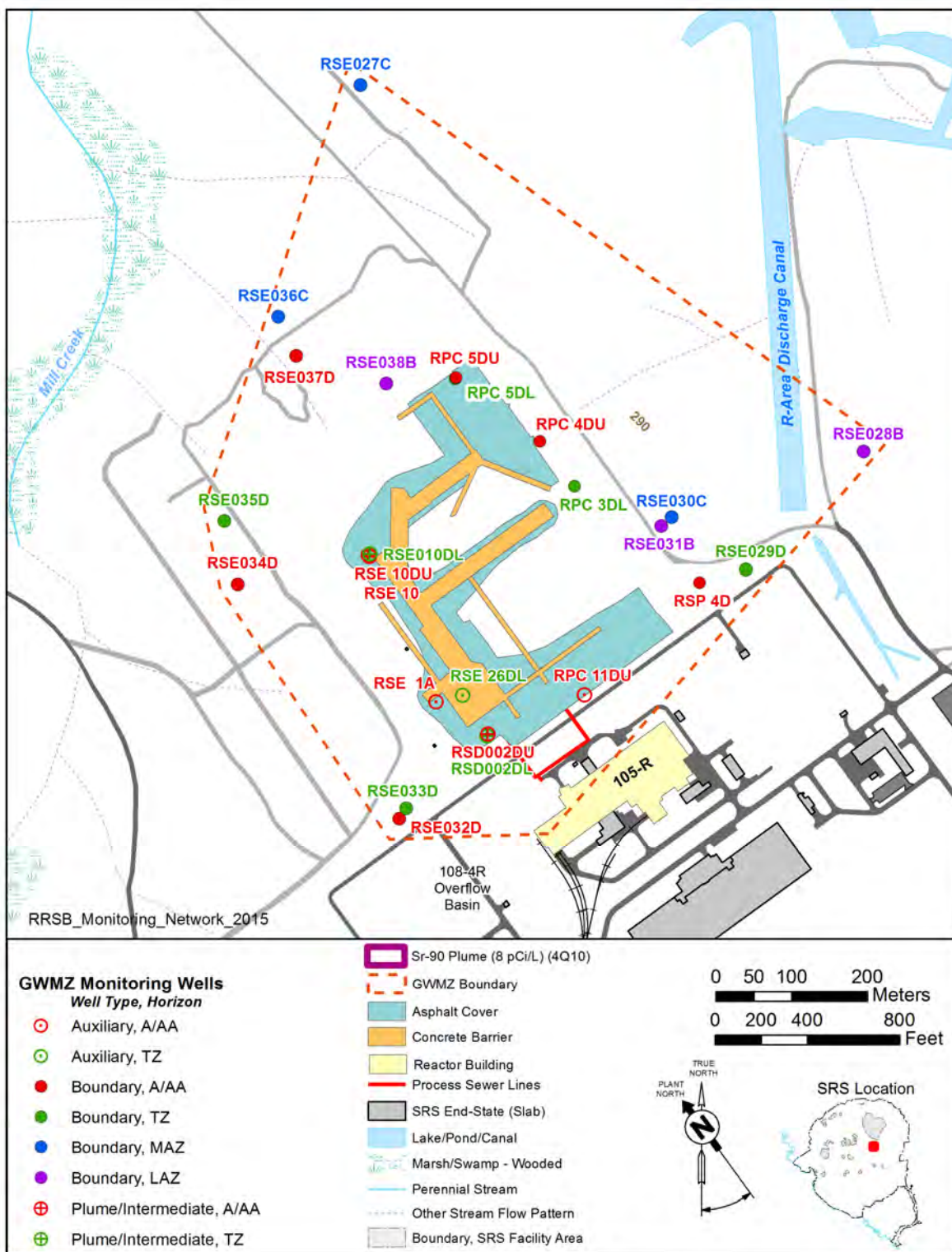


Figure H-2. Current Layout of the RRSB OU with Monitoring Well Network





**Figure H-3.      Photograph of the R-Reactor Seepage Basins Prior to ROD Approved Remedial Action (exact date unknown)**





Figure H-4. Current Aerial Photo of the R-Reactor Seepage Basins OU (2017)

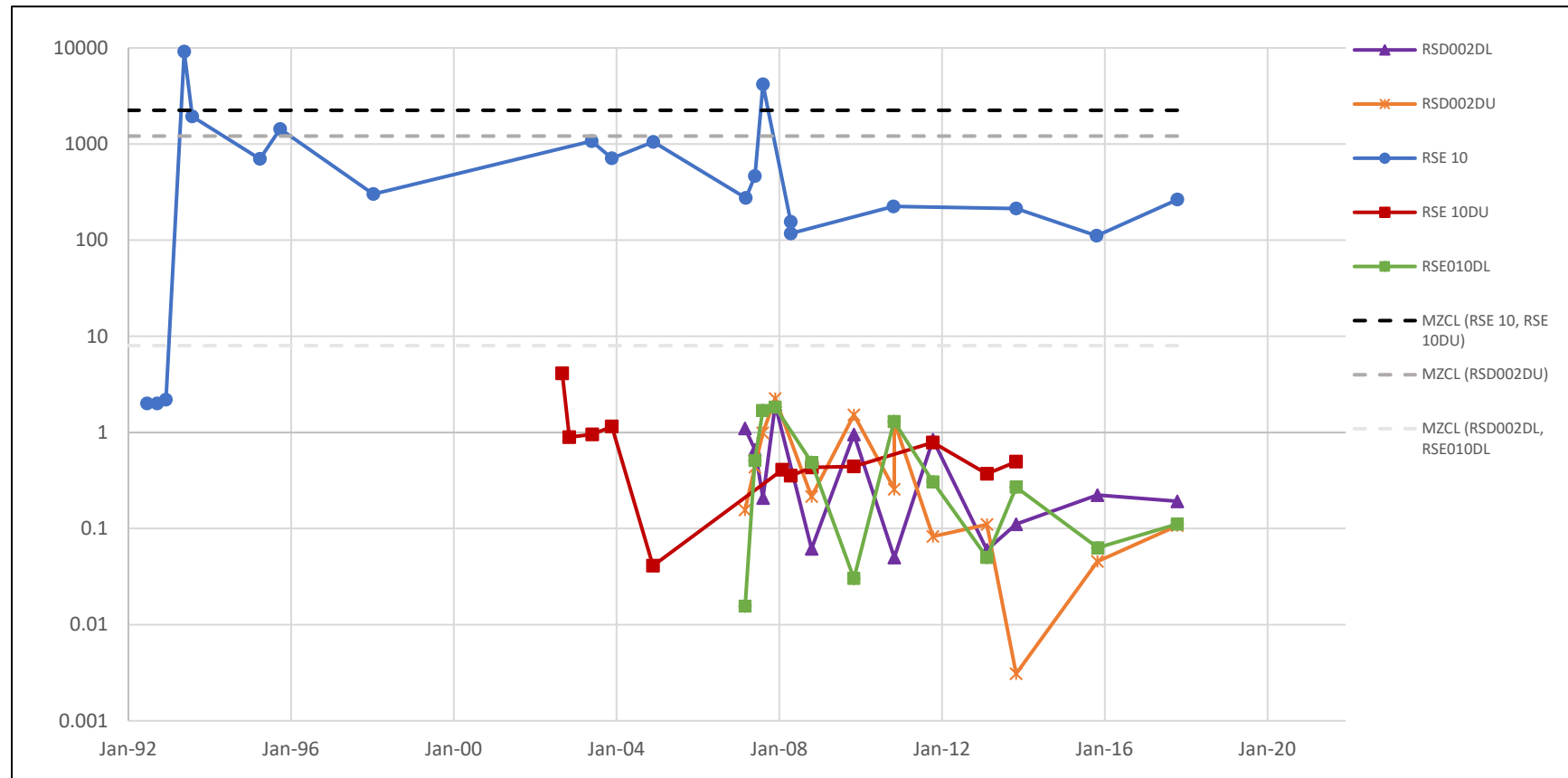


Figure H-5. Strontium-90 Time Trend Data for RRSB Plume/Intermediate Wells

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**Table H-1. Chronology of OU Events**

| Event                                                           | Date                                                      |
|-----------------------------------------------------------------|-----------------------------------------------------------|
| RFI/RI Field Start / Complete                                   | 1995 / 2000                                               |
| Removal Action and Asphalt Cover Completed                      | 1996                                                      |
| Corrective Measures Study /Feasibility Study<br>Rev 1 Submittal | January 30, 2003                                          |
| ROD Issuance                                                    | March 18, 2004                                            |
| Remedial Action Start / Complete                                | March 4, 2005 / January 30, 2008                          |
| Previous Five-Year Remedy Review                                | February 4, 2009 / February 4, 2014 /<br>February 2, 2017 |

**Table H-2. Final COCs and RGs for 1E-06 Risk to Industrial Worker at RRSB OU**

| Medium             | Final COC          | CM RG          | HH RG          | ECO RG<br>(Earthworm) |
|--------------------|--------------------|----------------|----------------|-----------------------|
| Surface Soil       | Cesium-137         | none           | 1.05E-01 pCi/g | none                  |
| Subsurface Soil    | Americium-241      | none           | 7.75E00 pCi/g  | 3.32E00 pCi/g         |
|                    | Cesium -137        | none           | 1.05E-01 pCi/g | 2.22E+03 pCi/g        |
|                    | Cobalt-60          | none           | 2.25E-02 pCi/g | none                  |
|                    | Plutonium-238      | none           | 1.04E+01 pCi/g | none                  |
|                    | Plutonium -239/240 | none           | 9.69E00 pCi/g  | none                  |
|                    | Strontium-90       | none           | 5.65E+01 pCi/g | 2.42E+03 pCi/g        |
| Total Soil Profile | Americium-241      | 5.32E-02 pCi/g | none           | none                  |
|                    | Carbon-14          | 4.08E00 pCi/g  | none           | none                  |
|                    | Plutonium -239/240 | 1.38E-02 pCi/g | none           | none                  |
|                    | Strontium-90       | 5.32E-02 pCi/g | none           | none                  |
| Groundwater        | Americium-241      | none           | 4.88E-01 pCi/L | none                  |
|                    | Strontium-90       | none           | 2.86E00 pCi/L  | none                  |

Notes: CM – Contaminant Migration

HH – Human Health

ECO - Ecological

**Table H-3. Actual versus Estimated O&M Costs**

|                                              | FY2015  | FY2016  | FY2017               | FY2018  | FY2019  | Five-Year<br>Total |
|----------------------------------------------|---------|---------|----------------------|---------|---------|--------------------|
| Total Actual O&M<br>Costs (\$)               | 269,127 | 91,208  | 28,739               | 65,063  | 49,322  | 503,459            |
| Total ROD Estimated<br>Direct O&M Costs (\$) | 527,786 | 527,786 | 541,098 <sup>1</sup> | 527,786 | 527,786 | 2,652,242          |

<sup>1</sup>FY2017 estimated costs include costs associated with the fifth five-year remedy review. Actual costs for the fifth five-year remedy review occurred in 2017.

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**Attachment H-1. Five-Year Review Site Inspection Checklist – R-Area Reactor Seepage Basins (904-57G, 904-58G, 904-59G, 904-60G, 904-103G, 904-104G) and 108-4R Overflow Basin Operable Unit**

| I. SITE INFORMATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                |                                                                                |                                |                                                                |                                                           |                                                     |                                                                   |                                                            |                                                  |                                                         |                                            |                                                                                                                                          |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------|---------------------------------------------------------|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Site Name:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | R-Area Reactor Seepage Basins (904-57G, 904-58G, 904-59G, 904-60G, 904-103G, 904-104G) and 108-4R Overflow Basin Operable Unit | <b>Date of Inspection:</b>                                                     | 10/22/2019                     |                                                                |                                                           |                                                     |                                                                   |                                                            |                                                  |                                                         |                                            |                                                                                                                                          |  |
| <b>Location and Region</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | SRS, USEPA Region 4                                                                                                            | <b>EPA ID:</b>                                                                 | SEMS #25                       |                                                                |                                                           |                                                     |                                                                   |                                                            |                                                  |                                                         |                                            |                                                                                                                                          |  |
| <b>Agency, Office, or Company leading the Five-Year Review</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | USDOE                                                                                                                          | <b>Weather/ Temperature</b>                                                    | 91°F and partly sunny          |                                                                |                                                           |                                                     |                                                                   |                                                            |                                                  |                                                         |                                            |                                                                                                                                          |  |
| <b>Remedy Includes:</b> (Click all that apply) <table border="0"> <tr> <td><input checked="" type="checkbox"/> Landfill Cover/Containment</td> <td><input type="checkbox"/> Surface Water Pump and Treatment</td> </tr> <tr> <td><input checked="" type="checkbox"/> Access Controls</td> <td><input checked="" type="checkbox"/> Monitored Natural Attenuation</td> </tr> <tr> <td><input checked="" type="checkbox"/> Institutional Controls</td> <td><input type="checkbox"/> Groundwater Containment</td> </tr> <tr> <td><input type="checkbox"/> Groundwater Pump and Treatment</td> <td><input type="checkbox"/> Vertical Barriers</td> </tr> <tr> <td colspan="2"><input checked="" type="checkbox"/> Other <u>Mixing Zone (groundwater); Excavation/Consolidation of process and sanitary sewer lines</u></td> </tr> </table> |                                                                                                                                |                                                                                |                                | <input checked="" type="checkbox"/> Landfill Cover/Containment | <input type="checkbox"/> Surface Water Pump and Treatment | <input checked="" type="checkbox"/> Access Controls | <input checked="" type="checkbox"/> Monitored Natural Attenuation | <input checked="" type="checkbox"/> Institutional Controls | <input type="checkbox"/> Groundwater Containment | <input type="checkbox"/> Groundwater Pump and Treatment | <input type="checkbox"/> Vertical Barriers | <input checked="" type="checkbox"/> Other <u>Mixing Zone (groundwater); Excavation/Consolidation of process and sanitary sewer lines</u> |  |
| <input checked="" type="checkbox"/> Landfill Cover/Containment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <input type="checkbox"/> Surface Water Pump and Treatment                                                                      |                                                                                |                                |                                                                |                                                           |                                                     |                                                                   |                                                            |                                                  |                                                         |                                            |                                                                                                                                          |  |
| <input checked="" type="checkbox"/> Access Controls                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <input checked="" type="checkbox"/> Monitored Natural Attenuation                                                              |                                                                                |                                |                                                                |                                                           |                                                     |                                                                   |                                                            |                                                  |                                                         |                                            |                                                                                                                                          |  |
| <input checked="" type="checkbox"/> Institutional Controls                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <input type="checkbox"/> Groundwater Containment                                                                               |                                                                                |                                |                                                                |                                                           |                                                     |                                                                   |                                                            |                                                  |                                                         |                                            |                                                                                                                                          |  |
| <input type="checkbox"/> Groundwater Pump and Treatment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <input type="checkbox"/> Vertical Barriers                                                                                     |                                                                                |                                |                                                                |                                                           |                                                     |                                                                   |                                                            |                                                  |                                                         |                                            |                                                                                                                                          |  |
| <input checked="" type="checkbox"/> Other <u>Mixing Zone (groundwater); Excavation/Consolidation of process and sanitary sewer lines</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                |                                                                                |                                |                                                                |                                                           |                                                     |                                                                   |                                                            |                                                  |                                                         |                                            |                                                                                                                                          |  |
| <b>Attachments:</b> <input type="checkbox"/> Inspection team roster attached <input type="checkbox"/> Inspection team roster attached                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                |                                                                                |                                |                                                                |                                                           |                                                     |                                                                   |                                                            |                                                  |                                                         |                                            |                                                                                                                                          |  |
| II. INTERVIEWS (Click all that apply)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                |                                                                                |                                |                                                                |                                                           |                                                     |                                                                   |                                                            |                                                  |                                                         |                                            |                                                                                                                                          |  |
| <b>1. O&amp;M Site Manager:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <u>Brian Hanshew</u><br>(Name)                                                                                                 | <u>ACP Field Execution Team 2</u><br>(Title)                                   | <u>11/05/2019</u><br>(Date)    |                                                                |                                                           |                                                     |                                                                   |                                                            |                                                  |                                                         |                                            |                                                                                                                                          |  |
| <b>Interviewed:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <input type="checkbox"/> At Site <input checked="" type="checkbox"/> At Office                                                 | <input type="checkbox"/> By Phone                                              | Phone No.: <u>803-952-4949</u> |                                                                |                                                           |                                                     |                                                                   |                                                            |                                                  |                                                         |                                            |                                                                                                                                          |  |
| <b>Problems/Suggestions:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <input type="checkbox"/> Report Attached _____                                                                                 |                                                                                |                                |                                                                |                                                           |                                                     |                                                                   |                                                            |                                                  |                                                         |                                            |                                                                                                                                          |  |
| <b>2. O&amp;M Staff:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <u>Phil Carter</u><br>(Name)                                                                                                   | <u>ACP Post Closure Waste Site<br/>Inspector/Maintenance Coord.</u><br>(Title) | <u>11/05/2019</u><br>(Date)    |                                                                |                                                           |                                                     |                                                                   |                                                            |                                                  |                                                         |                                            |                                                                                                                                          |  |
| <b>Interviewed:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <input type="checkbox"/> At Site <input checked="" type="checkbox"/> At Office                                                 | <input type="checkbox"/> By Phone                                              | Phone No.: <u>803-952-4145</u> |                                                                |                                                           |                                                     |                                                                   |                                                            |                                                  |                                                         |                                            |                                                                                                                                          |  |
| <b>Problems/Suggestions:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <input type="checkbox"/> Report Attached _____                                                                                 |                                                                                |                                |                                                                |                                                           |                                                     |                                                                   |                                                            |                                                  |                                                         |                                            |                                                                                                                                          |  |

**Attachment H-1. Five-Year Review Site Inspection Checklist – R-Area Reactor Seepage Basins (904-57G, 904-58G, 904-59G, 904-60G, 904-103G, 904-104G) and 108-4R Overflow Basin Operable Unit (continued)**

| II. INTERVIEWS (Click all that apply)(Continued)                                                                                                                                                                                                                                               |                                                       |                                                |                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------|------------------------------|
| <b>3. Local Regulatory Authorities and Response Agencies</b> (i.e., State and tribal offices, emergency response office, police department, office of public health or environmental health, zoning office, recorder of deeds or other city and county offices, etc.). Fill in all that apply. |                                                       |                                                |                              |
| Agency: _____                                                                                                                                                                                                                                                                                  |                                                       |                                                |                              |
| Contact:                                                                                                                                                                                                                                                                                       | _____                                                 | _____                                          | _____                        |
|                                                                                                                                                                                                                                                                                                | (Name)                                                | (Title)                                        | (Date)                       |
| Problems/Suggestions:                                                                                                                                                                                                                                                                          | <input type="checkbox"/> Report Attached _____        |                                                |                              |
| _____                                                                                                                                                                                                                                                                                          |                                                       |                                                |                              |
| Agency: _____                                                                                                                                                                                                                                                                                  |                                                       |                                                |                              |
| Contact:                                                                                                                                                                                                                                                                                       | _____                                                 | _____                                          | _____                        |
|                                                                                                                                                                                                                                                                                                | (Name)                                                | (Title)                                        | (Date)                       |
| Problems/Suggestions:                                                                                                                                                                                                                                                                          | <input type="checkbox"/> Report Attached _____        |                                                |                              |
| _____                                                                                                                                                                                                                                                                                          |                                                       |                                                |                              |
| Agency: _____                                                                                                                                                                                                                                                                                  |                                                       |                                                |                              |
| Contact:                                                                                                                                                                                                                                                                                       | _____                                                 | _____                                          | _____                        |
|                                                                                                                                                                                                                                                                                                | (Name)                                                | (Title)                                        | (Date)                       |
| Problems/Suggestions:                                                                                                                                                                                                                                                                          | <input type="checkbox"/> Report Attached _____        |                                                |                              |
| _____                                                                                                                                                                                                                                                                                          |                                                       |                                                |                              |
| <b>4. Other Interviews (Optional):</b> <input type="checkbox"/> Report Attached _____                                                                                                                                                                                                          |                                                       |                                                |                              |
| _____                                                                                                                                                                                                                                                                                          |                                                       |                                                |                              |
| _____                                                                                                                                                                                                                                                                                          |                                                       |                                                |                              |
| _____                                                                                                                                                                                                                                                                                          |                                                       |                                                |                              |
| III. ONSITE DOCUMENTS & RECORDS VERIFIED (Click all that apply)                                                                                                                                                                                                                                |                                                       |                                                |                              |
| <b>1. O&amp;M Documents:</b>                                                                                                                                                                                                                                                                   |                                                       |                                                |                              |
| <input type="checkbox"/> O&M Manual                                                                                                                                                                                                                                                            | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input type="checkbox"/> N/A |
| <input checked="" type="checkbox"/> As-Built Drawings                                                                                                                                                                                                                                          | <input checked="" type="checkbox"/> Readily Available | <input checked="" type="checkbox"/> Up to Date | <input type="checkbox"/> N/A |
| <input type="checkbox"/> Maintenance Logs                                                                                                                                                                                                                                                      | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input type="checkbox"/> N/A |
| Remarks: <u>Annual site inspections are performed per SRS procedure ER-SOP-019, Waste Unit Inspection and Maintenance, and ER-IDS-019-048, Field Inspection Checklist for the RRSB.</u>                                                                                                        |                                                       |                                                |                              |



**Attachment H-1. Five-Year Review Site Inspection Checklist – R-Area Reactor Seepage Basins (904-57G, 904-58G, 904-59G, 904-60G, 904-103G, 904-104G) and 108-4R Overflow Basin Operable Unit (continued)**

| III. ONSITE DOCUMENTS & RECORDS VERIFIED (Continued)                                                                                                                                          |                                                       |                                                |                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------|-----------------------------------------|
| <b>2. Health and Safety Plans (HASPs):</b>                                                                                                                                                    |                                                       |                                                |                                         |
| <input type="checkbox"/> Site-Specific Health and Safety Plans                                                                                                                                | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| <input type="checkbox"/> Contingency Plan/Emergency Response Plan                                                                                                                             | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks: <u>Routine O&amp;M activities do not require a Site-Specific Health and Safety Plan (SSHASP) under 29 CFR 1910.1201, Hazardous Waste Operations. A SSHASP is prepared if needed.</u> |                                                       |                                                |                                         |
| <hr/>                                                                                                                                                                                         |                                                       |                                                |                                         |
| <b>3. O&amp;M and OSHA Training Records:</b>                                                                                                                                                  |                                                       |                                                |                                         |
|                                                                                                                                                                                               | <input checked="" type="checkbox"/> Readily Available | <input checked="" type="checkbox"/> Up to Date | <input type="checkbox"/> N/A            |
| Remarks: <u>Training Records are complete and up to date per ACP training matrix.</u>                                                                                                         |                                                       |                                                |                                         |
| <hr/>                                                                                                                                                                                         |                                                       |                                                |                                         |
| <b>4. Permits and Service Agreements:</b>                                                                                                                                                     |                                                       |                                                |                                         |
| <input type="checkbox"/> Air Discharge Permit                                                                                                                                                 | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| <input type="checkbox"/> Effluent Discharge                                                                                                                                                   | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| <input type="checkbox"/> Waste Disposal; POTW                                                                                                                                                 | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| <input type="checkbox"/> Other Permits                                                                                                                                                        | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks: _____                                                                                                                                                                                |                                                       |                                                |                                         |
| <hr/>                                                                                                                                                                                         |                                                       |                                                |                                         |
| <b>5. Gas Generation Records:</b>                                                                                                                                                             |                                                       |                                                |                                         |
|                                                                                                                                                                                               | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks: _____                                                                                                                                                                                |                                                       |                                                |                                         |
| <hr/>                                                                                                                                                                                         |                                                       |                                                |                                         |
| <b>6. Settlement Monument Records:</b>                                                                                                                                                        |                                                       |                                                |                                         |
|                                                                                                                                                                                               | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks: _____                                                                                                                                                                                |                                                       |                                                |                                         |
| <hr/>                                                                                                                                                                                         |                                                       |                                                |                                         |
| <b>7. Groundwater Monitoring Records:</b>                                                                                                                                                     |                                                       |                                                |                                         |
|                                                                                                                                                                                               | <input checked="" type="checkbox"/> Readily Available | <input checked="" type="checkbox"/> Up to Date | <input type="checkbox"/> N/A            |
| Remarks: _____                                                                                                                                                                                |                                                       |                                                |                                         |
| <hr/>                                                                                                                                                                                         |                                                       |                                                |                                         |
| <b>8. Leachate Extraction Records:</b>                                                                                                                                                        |                                                       |                                                |                                         |
|                                                                                                                                                                                               | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks: _____                                                                                                                                                                                |                                                       |                                                |                                         |
| <hr/>                                                                                                                                                                                         |                                                       |                                                |                                         |
| <b>9. Discharge Compliance Records:</b>                                                                                                                                                       |                                                       |                                                |                                         |
| <input type="checkbox"/> Air                                                                                                                                                                  | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| <input type="checkbox"/> Water (Effluent)                                                                                                                                                     | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks: _____                                                                                                                                                                                |                                                       |                                                |                                         |
| <hr/>                                                                                                                                                                                         |                                                       |                                                |                                         |
| <b>10. Daily Access/Security Logs:</b>                                                                                                                                                        |                                                       |                                                |                                         |
|                                                                                                                                                                                               | <input type="checkbox"/> Readily Available            | <input type="checkbox"/> Up to Date            | <input checked="" type="checkbox"/> N/A |
| Remarks: _____                                                                                                                                                                                |                                                       |                                                |                                         |
| <hr/>                                                                                                                                                                                         |                                                       |                                                |                                         |

**Attachment H-1. Five-Year Review Site Inspection Checklist – R-Area Reactor Seepage Basins (904-57G, 904-58G, 904-59G, 904-60G, 904-103G, 904-104G) and 108-4R Overflow Basin Operable Unit (*continued*)**

| IV. O&M COSTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------|---------------------------------------------|-----------------------|---------------------|--------------------|---------------------------------------------|-----------------------|---------------------|--------------------|---------------------------------------------|-----------------------|---------------------|--------------------|---------------------------------------------|-----------------------|---------------------|--------------------|---------------------------------------------|-----------------------|---------------------|--------------------|---------------------------------------------|
| <b>1. O&amp;M Organization:</b><br><div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <input type="checkbox"/> State In-House<br/> <input type="checkbox"/> PRP In-House<br/> <input checked="" type="checkbox"/> Other: <u>SRS</u> </div> <div style="width: 48%;"> <input type="checkbox"/> Contractor for State<br/> <input type="checkbox"/> Contractor for PRP </div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |
| <b>2. O&amp;M Cost Records:</b><br><div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> Readily Available <input type="checkbox"/> Up to Date <input type="checkbox"/> Funding mechanism/agreement in place </div> <input checked="" type="checkbox"/> Other: <u>Project cost data is summarized in Section IV of this OU-specific review.</u><br><br><p style="text-align: center;"><b>Total annual cost by year for review period, if available</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">From: _____<br/>(Date)</td> <td style="width: 25%;">To: _____<br/>(Date)</td> <td style="width: 25%;">_____ (Total Cost)</td> <td style="width: 25%; text-align: right;"><input type="checkbox"/> Breakdown attached</td> </tr> <tr> <td>From: _____<br/>(Date)</td> <td>To: _____<br/>(Date)</td> <td>_____ (Total Cost)</td> <td style="text-align: right;"><input type="checkbox"/> Breakdown attached</td> </tr> <tr> <td>From: _____<br/>(Date)</td> <td>To: _____<br/>(Date)</td> <td>_____ (Total Cost)</td> <td style="text-align: right;"><input type="checkbox"/> Breakdown attached</td> </tr> <tr> <td>From: _____<br/>(Date)</td> <td>To: _____<br/>(Date)</td> <td>_____ (Total Cost)</td> <td style="text-align: right;"><input type="checkbox"/> Breakdown attached</td> </tr> <tr> <td>From: _____<br/>(Date)</td> <td>To: _____<br/>(Date)</td> <td>_____ (Total Cost)</td> <td style="text-align: right;"><input type="checkbox"/> Breakdown attached</td> </tr> </table> |                     |                    |                                             | From: _____<br>(Date) | To: _____<br>(Date) | _____ (Total Cost) | <input type="checkbox"/> Breakdown attached | From: _____<br>(Date) | To: _____<br>(Date) | _____ (Total Cost) | <input type="checkbox"/> Breakdown attached | From: _____<br>(Date) | To: _____<br>(Date) | _____ (Total Cost) | <input type="checkbox"/> Breakdown attached | From: _____<br>(Date) | To: _____<br>(Date) | _____ (Total Cost) | <input type="checkbox"/> Breakdown attached | From: _____<br>(Date) | To: _____<br>(Date) | _____ (Total Cost) | <input type="checkbox"/> Breakdown attached |
| From: _____<br>(Date)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | To: _____<br>(Date) | _____ (Total Cost) | <input type="checkbox"/> Breakdown attached |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |
| From: _____<br>(Date)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | To: _____<br>(Date) | _____ (Total Cost) | <input type="checkbox"/> Breakdown attached |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |
| From: _____<br>(Date)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | To: _____<br>(Date) | _____ (Total Cost) | <input type="checkbox"/> Breakdown attached |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |
| From: _____<br>(Date)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | To: _____<br>(Date) | _____ (Total Cost) | <input type="checkbox"/> Breakdown attached |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |
| From: _____<br>(Date)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | To: _____<br>(Date) | _____ (Total Cost) | <input type="checkbox"/> Breakdown attached |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |
| <b>3. Unanticipated or Unusually High O&amp;M Costs During Review Period</b><br>Describe costs and reasons: <u>N/A</u><br>_____<br>_____<br>_____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |
| V. ACCESS AND INSTITUTIONAL CONTROLS <input checked="" type="checkbox"/> Applicable <input type="checkbox"/> N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |
| <b>A. Fencing</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |
| <b>1. Fencing Damage:</b> <input checked="" type="checkbox"/> Location shown on site map <input checked="" type="checkbox"/> Gates secured <input type="checkbox"/> N/A<br>Remarks: <u>OU-specific perimeter fencing is required by the remedial action. Perimeter fencing is in good condition.</u><br>_____<br>_____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |
| <b>B. Signs</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |
| <b>1. Signs and Other Security Measures:</b> <input type="checkbox"/> Location shown on site map <input type="checkbox"/> N/A<br>Remarks: <u>Signs at this site are in good condition.</u><br>_____<br>_____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |                       |                     |                    |                                             |

**Attachment H-1. Five-Year Review Site Inspection Checklist – R-Area Reactor Seepage Basins (904-57G, 904-58G, 904-59G, 904-60G, 904-103G, 904-104G) and 108-4R Overflow Basin Operable Unit (continued)**

| V. ACCESS AND INSTITUTIONAL CONTROLS (Continued)                                                                                                                                                                                                                                                                                                                                                                                 |                                         |                                        |                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|----------------------------------------|-----------------------------------------|
| <b>C. Institutional Controls</b>                                                                                                                                                                                                                                                                                                                                                                                                 |                                         |                                        |                                         |
| <b>1. Implementation and Enforcement</b>                                                                                                                                                                                                                                                                                                                                                                                         |                                         |                                        |                                         |
| Site conditions imply ICs are not properly implemented:                                                                                                                                                                                                                                                                                                                                                                          | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | <input type="checkbox"/> N/A            |
| Site conditions imply ICs are not being fully enforced:                                                                                                                                                                                                                                                                                                                                                                          | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | <input type="checkbox"/> N/A            |
| Type of monitoring (e.g., self-reporting, drive-by, etc.) <u>Walkdown</u>                                                                                                                                                                                                                                                                                                                                                        |                                         |                                        |                                         |
| Frequency: <u>Once every five years</u>                                                                                                                                                                                                                                                                                                                                                                                          |                                         |                                        |                                         |
| Responsible Party/Agent: <u>USDOE Savannah River Field Office</u>                                                                                                                                                                                                                                                                                                                                                                |                                         |                                        |                                         |
| Contact:                                                                                                                                                                                                                                                                                                                                                                                                                         | <u>Phil Prater</u><br>(Name)            | <u>DOE Program Manager</u><br>(Title)  | <u>12/09/19</u><br>(Date)               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                         |                                        | <u>803-952-9333</u><br>(Phone No.)      |
| Reporting is up-to-date:                                                                                                                                                                                                                                                                                                                                                                                                         | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No            | <input type="checkbox"/> N/A            |
| Reports are verified by the lead agency:                                                                                                                                                                                                                                                                                                                                                                                         | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No            | <input type="checkbox"/> N/A            |
| Specific requirements in deed or decision documents have been met:                                                                                                                                                                                                                                                                                                                                                               | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No            | <input type="checkbox"/> N/A            |
| Violations have been reported:                                                                                                                                                                                                                                                                                                                                                                                                   | <input type="checkbox"/> Yes            | <input type="checkbox"/> No            | <input checked="" type="checkbox"/> N/A |
| Problems/Suggestions: <input type="checkbox"/> Report Attached                                                                                                                                                                                                                                                                                                                                                                   |                                         |                                        |                                         |
| <div style="border-bottom: 1px solid black; height: 15px; width: 100%;"></div> <div style="border-bottom: 1px solid black; height: 15px; width: 100%;"></div>                                                                                                                                                                                                                                                                    |                                         |                                        |                                         |
| <b>2. Adequacy:</b> <input checked="" type="checkbox"/> ICs are adequate <input type="checkbox"/> ICs are inadequate <input type="checkbox"/> N/A<br>Remarks: <u>The ICs are adequately maintaining the RRSB protective systems. When maintenance activities are identified during inspections (e.g., repairing holes and concrete spalling, vegetation removal from the cover system), repairs are scheduled and performed.</u> |                                         |                                        |                                         |
| <div style="border-bottom: 1px solid black; height: 15px; width: 100%;"></div> <div style="border-bottom: 1px solid black; height: 15px; width: 100%;"></div>                                                                                                                                                                                                                                                                    |                                         |                                        |                                         |
| <b>D. General</b>                                                                                                                                                                                                                                                                                                                                                                                                                |                                         |                                        |                                         |
| <b>1. Vandalism/Trespassing:</b> <input type="checkbox"/> Location shown on site map <input checked="" type="checkbox"/> No vandalism is evident<br>Remarks: _____                                                                                                                                                                                                                                                               |                                         |                                        |                                         |
| <div style="border-bottom: 1px solid black; height: 15px; width: 100%;"></div>                                                                                                                                                                                                                                                                                                                                                   |                                         |                                        |                                         |
| <b>2. Land use changes onsite:</b> <input checked="" type="checkbox"/> N/A<br>Remarks: _____                                                                                                                                                                                                                                                                                                                                     |                                         |                                        |                                         |
| <div style="border-bottom: 1px solid black; height: 15px; width: 100%;"></div>                                                                                                                                                                                                                                                                                                                                                   |                                         |                                        |                                         |
| <b>3. Land use changes offsite:</b> <input checked="" type="checkbox"/> N/A<br>Remarks: _____                                                                                                                                                                                                                                                                                                                                    |                                         |                                        |                                         |
| <div style="border-bottom: 1px solid black; height: 15px; width: 100%;"></div>                                                                                                                                                                                                                                                                                                                                                   |                                         |                                        |                                         |

**Attachment H-1. Five-Year Review Site Inspection Checklist – R-Area Reactor Seepage Basins (904-57G, 904-58G, 904-59G, 904-60G, 904-103G, 904-104G) and 108-4R Overflow Basin Operable Unit (continued)**

| VI. GENERAL SITE CONDITIONS                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| <b>A. Roads</b>                                                                                                                                                                                                                                                                                                                                                     | <input checked="" type="checkbox"/> Applicable <input type="checkbox"/> N/A                                                         |
| <b>1. Roads damaged:</b>                                                                                                                                                                                                                                                                                                                                            | <input type="checkbox"/> Location shown on site map <input checked="" type="checkbox"/> Roads adequate <input type="checkbox"/> N/A |
| Remarks: _____                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                     |
| <b>B. Other Site Conditions:</b> Annual site inspections conducted from 2015 and 2018 identified the presence of overgrown vegetation, dead tree on fence, depression in asphalt near pipe to sediment basin, gap at bottom of perimeter fence, and ant mounds. These findings were documented on the field inspection checklist and resolved soon after discovery. |                                                                                                                                     |
| Remarks: <u>Site vegetation is mowed routinely.</u>                                                                                                                                                                                                                                                                                                                 |                                                                                                                                     |
| _____                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                     |
| _____                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                     |
| _____                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                     |
| _____                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                     |
| VII. LANDFILL COVER/CONTAINMENT <input checked="" type="checkbox"/> Applicable <input type="checkbox"/> N/A                                                                                                                                                                                                                                                         |                                                                                                                                     |
| <b>A. Landfill Surface</b>                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                     |
| <b>1. Settlement (Low spots):</b>                                                                                                                                                                                                                                                                                                                                   | <input type="checkbox"/> Location shown on site map <input checked="" type="checkbox"/> Settlement not evident                      |
| Areal extent _____                                                                                                                                                                                                                                                                                                                                                  | Depth _____                                                                                                                         |
| Remarks: _____                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                     |
| _____                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                     |
| <b>2. Cracks:</b>                                                                                                                                                                                                                                                                                                                                                   | <input type="checkbox"/> Location shown on site map <input checked="" type="checkbox"/> Cracking not evident                        |
| Lengths _____                                                                                                                                                                                                                                                                                                                                                       | Widths _____ Depths _____                                                                                                           |
| Remarks: <u>No cracking evident in the low-permeable barrier. Cracking evident in the bioturbation (asphalt) and intruder (concrete) barrier does not impact the protectiveness of the remedy.</u>                                                                                                                                                                  |                                                                                                                                     |
| _____                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                     |
| <b>3. Erosion:</b>                                                                                                                                                                                                                                                                                                                                                  | <input type="checkbox"/> Location shown on site map <input checked="" type="checkbox"/> Erosion not evident                         |
| Areal extent _____                                                                                                                                                                                                                                                                                                                                                  | Depth _____                                                                                                                         |
| Remarks: _____                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                     |
| _____                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                     |
| <b>4. Holes:</b>                                                                                                                                                                                                                                                                                                                                                    | <input type="checkbox"/> Location shown on site map <input checked="" type="checkbox"/> Holes not evident                           |
| Areal extent _____                                                                                                                                                                                                                                                                                                                                                  | Depth _____                                                                                                                         |
| Remarks: _____                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                     |
| _____                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                     |
| <b>5. Vegetative Cover:</b>                                                                                                                                                                                                                                                                                                                                         | <input type="checkbox"/> Grass <input type="checkbox"/> Cover properly established <input type="checkbox"/> No signs of stress      |
| Areal extent _____                                                                                                                                                                                                                                                                                                                                                  | Depth _____                                                                                                                         |
| Remarks: <u>NA.</u>                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                     |
| _____                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                     |

**Attachment H-1. Five-Year Review Site Inspection Checklist – R-Area Reactor Seepage Basins (904-57G, 904-58G, 904-59G, 904-60G, 904-103G, 904-104G) and 108-4R Overflow Basin Operable Unit (continued)**

| VII. LANDFILL COVER/CONTAINMENTS (Continued)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| <b>6. Alternative Cover (armored rock, concrete, etc.):</b> <input type="checkbox"/> N/A<br>Remarks: <u>The cover system includes a concrete intruder barrier, an asphalt bioturbation barrier, and the original asphalt cover installed in 1996.</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |
| <b>7. Bulges:</b> <input type="checkbox"/> Location shown on site map <input checked="" type="checkbox"/> Bulges not evident<br>Areal extent _____ Depth _____<br>Remarks: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |
| <b>8. Wet Areas / Water Damage:</b> <input checked="" type="checkbox"/> Wet areas/water damage not evident<br><div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <input type="checkbox"/> Wet areas<br/> <input type="checkbox"/> Ponding<br/> <input type="checkbox"/> Seeps<br/> <input type="checkbox"/> Soft subgrade               </div> <div style="width: 30%;"> <input type="checkbox"/> Location shown on site map<br/> <input type="checkbox"/> Location shown on site map<br/> <input type="checkbox"/> Location shown on site map<br/> <input type="checkbox"/> Location shown on site map               </div> <div style="width: 30%;">                 Areal extent _____<br/>                 Areal extent _____<br/>                 Areal extent _____<br/>                 Areal extent _____               </div> </div> Remarks: _____ |  |  |  |
| <b>9. Slope Instability:</b> <input type="checkbox"/> Slides <input type="checkbox"/> Location shown on site map <input checked="" type="checkbox"/> No evidence of slope instability<br>Areal extent _____<br>Remarks: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |
| <b>B. Benches</b> <input type="checkbox"/> Applicable <input checked="" type="checkbox"/> N/A<br>(Horizontally constructed mounds of earth placed across a steep landfill side slope to interrupt the slope in order to slow down the velocity of surface runoff and intercept and convey the runoff to a lined channel)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |
| <b>C. Letdown Channels</b> <input type="checkbox"/> Applicable <input checked="" type="checkbox"/> N/A<br>(Channel lined with erosion control mates, riprap, grout bags, or gabions that descend down the steep side slope of the cover and will allow the runoff water collected by the benches to move off of the landfill cover without creating erosion gullies)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |
| <b>D. Cover Penetrations</b> <input checked="" type="checkbox"/> Applicable <input type="checkbox"/> N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |
| <b>1. Gas Vents:</b> <input type="checkbox"/> Active <input type="checkbox"/> Passive<br><div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <input type="checkbox"/> Properly secured/locked<br/> <input type="checkbox"/> Evidence of leakage at penetration               </div> <div style="width: 30%;"> <input type="checkbox"/> Functioning<br/> <input type="checkbox"/> Needs maintenance               </div> <div style="width: 30%;"> <input type="checkbox"/> Routinely sampled<br/> <input checked="" type="checkbox"/> N/A               </div> <div style="width: 30%;"> <input type="checkbox"/> Good Condition               </div> </div> Remarks: _____                                                                                                                                                                                   |  |  |  |
| <b>2. Gas Monitoring Probes:</b><br><div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <input type="checkbox"/> Properly secured/locked<br/> <input type="checkbox"/> Evidence of leakage at penetration               </div> <div style="width: 30%;"> <input type="checkbox"/> Functioning<br/> <input type="checkbox"/> Needs maintenance               </div> <div style="width: 30%;"> <input type="checkbox"/> Routinely sampled<br/> <input checked="" type="checkbox"/> N/A               </div> <div style="width: 30%;"> <input type="checkbox"/> Good Condition               </div> </div> Remarks: _____                                                                                                                                                                                                                                        |  |  |  |

**Attachment H-1. Five-Year Review Site Inspection Checklist – R-Area Reactor Seepage Basins (904-57G, 904-58G, 904-59G, 904-60G, 904-103G, 904-104G) and 108-4R Overflow Basin Operable Unit (continued)**

| VII. LANDFILL COVER/CONTAINMENTS (Continued)                                                                                                                                                                                                                                                                                                                                                                          |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>3. Monitoring Wells:</b><br><input checked="" type="checkbox"/> Properly secured/locked <input checked="" type="checkbox"/> Functioning <input checked="" type="checkbox"/> Routinely sampled <input checked="" type="checkbox"/> Good Condition<br><input type="checkbox"/> Evidence of leakage at penetration <input type="checkbox"/> Needs maintenance <input type="checkbox"/> N/A<br>Remarks: _____<br>_____ |  |
| <b>4. Leachate Extraction Wells:</b><br><input type="checkbox"/> Properly secured/locked <input type="checkbox"/> Functioning <input type="checkbox"/> Routinely sampled <input type="checkbox"/> Good Condition<br><input type="checkbox"/> Evidence of leakage at penetration <input type="checkbox"/> Needs maintenance <input checked="" type="checkbox"/> N/A<br>Remarks: _____<br>_____                         |  |
| <b>5. Settlement Monuments:</b> <input type="checkbox"/> Located <input type="checkbox"/> Routinely Surveyed <input checked="" type="checkbox"/> N/A<br>Remarks: _____<br>_____                                                                                                                                                                                                                                       |  |
| <b>E. Gas Collection and Treatment</b> <input type="checkbox"/> Applicable <input checked="" type="checkbox"/> N/A                                                                                                                                                                                                                                                                                                    |  |
| <b>F. Cover Drainage Layer</b> <input type="checkbox"/> Applicable <input checked="" type="checkbox"/> N/A                                                                                                                                                                                                                                                                                                            |  |
| <b>G. Detention/Sedimentation Ponds</b> <input type="checkbox"/> Applicable <input checked="" type="checkbox"/> N/A                                                                                                                                                                                                                                                                                                   |  |
| <b>H. Retaining Walls</b> <input type="checkbox"/> Applicable <input checked="" type="checkbox"/> N/A                                                                                                                                                                                                                                                                                                                 |  |
| <b>I. Perimeter Ditches/Offsite Discharge</b> <input checked="" type="checkbox"/> Applicable <input type="checkbox"/> N/A                                                                                                                                                                                                                                                                                             |  |
| <b>1. Siltation:</b> <input type="checkbox"/> Location shown on site map <input checked="" type="checkbox"/> Siltation not evident<br>Areal extent _____ Depth _____<br>Remarks: _____<br>_____                                                                                                                                                                                                                       |  |
| <b>2. Vegetative Growth:</b> <input type="checkbox"/> Location shown on site map <input type="checkbox"/> N/A<br><input checked="" type="checkbox"/> Vegetation does not impede flow<br>Areal extent _____ Type _____<br>Remarks: _____<br>_____                                                                                                                                                                      |  |
| <b>3. Erosion:</b> <input type="checkbox"/> Location shown on site map <input checked="" type="checkbox"/> Erosion not evident<br>Areal extent _____ Depth _____<br>Remarks: _____<br>_____                                                                                                                                                                                                                           |  |
| <b>4. Discharge Structure:</b> <input type="checkbox"/> Location shown on site map <input checked="" type="checkbox"/> N/A<br>Remarks: _____<br>_____                                                                                                                                                                                                                                                                 |  |

**Attachment H-1. Five-Year Review Site Inspection Checklist – R-Area Reactor Seepage Basins (904-57G, 904-58G, 904-59G, 904-60G, 904-103G, 904-104G) and 108-4R Overflow Basin Operable Unit (continued)**

|                                                                                                                                                                                                                                        |  |                                                                              |                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------|-------------------------------------------------------|
| <b>VIII. VERTICAL BARRIER WALLS</b>                                                                                                                                                                                                    |  | <input type="checkbox"/> Applicable                                          | <input checked="" type="checkbox"/> N/A               |
| <b>IX. GROUNDWATER/SURFACE WATER REMEDIES</b>                                                                                                                                                                                          |  | <input checked="" type="checkbox"/> Applicable                               | <input type="checkbox"/> N/A                          |
| <b>A. Groundwater Extraction Wells, Pumps, and Pipelines</b>                                                                                                                                                                           |  | <input type="checkbox"/> Applicable                                          | <input checked="" type="checkbox"/> N/A               |
| <b>B. Surface Water Collection Structures, Pumps, and Pipelines</b>                                                                                                                                                                    |  | <input type="checkbox"/> Applicable                                          | <input checked="" type="checkbox"/> N/A               |
| <b>C. Treatment System</b>                                                                                                                                                                                                             |  | <input type="checkbox"/> Applicable                                          | <input checked="" type="checkbox"/> N/A               |
| <b>D. Monitoring Data</b>                                                                                                                                                                                                              |  | <input checked="" type="checkbox"/> Applicable                               | <input type="checkbox"/> N/A                          |
| <b>1. Monitoring Data:</b>                                                                                                                                                                                                             |  |                                                                              |                                                       |
| <input checked="" type="checkbox"/> Is routinely submitted on time                                                                                                                                                                     |  | <input checked="" type="checkbox"/> Is of acceptable quality                 |                                                       |
| <b>2. Monitoring Data Suggests:</b>                                                                                                                                                                                                    |  |                                                                              |                                                       |
| <input type="checkbox"/> Groundwater plume is effectively contained                                                                                                                                                                    |  | <input checked="" type="checkbox"/> Contaminant concentrations are declining |                                                       |
| <b>E. Monitored Natural Attenuation</b>                                                                                                                                                                                                |  | <input checked="" type="checkbox"/> Applicable                               | <input type="checkbox"/> N/A                          |
| <b>1. Monitoring Wells (natural attenuation remedy):</b>                                                                                                                                                                               |  |                                                                              |                                                       |
| <input checked="" type="checkbox"/> Properly secured/locked                                                                                                                                                                            |  | <input checked="" type="checkbox"/> Functioning                              | <input checked="" type="checkbox"/> Routinely sampled |
| <input checked="" type="checkbox"/> All required wells located                                                                                                                                                                         |  | <input type="checkbox"/> Needs maintenance                                   | <input type="checkbox"/> N/A                          |
| Remarks: _____                                                                                                                                                                                                                         |  |                                                                              |                                                       |
| _____                                                                                                                                                                                                                                  |  |                                                                              |                                                       |
| <b>X. OTHER REMEDIES</b>                                                                                                                                                                                                               |  |                                                                              |                                                       |
| If there are remedies applied at the site, which are not covered above, attach an inspection sheet describing the physical nature and condition of any facility associated with the remedy. An example would be soil vapor extraction. |  |                                                                              |                                                       |
| <b>A. Soil Vapor Extraction System</b>                                                                                                                                                                                                 |  | <input type="checkbox"/> Applicable                                          | <input checked="" type="checkbox"/> N/A               |

**Attachment H-1. Five-Year Review Site Inspection Checklist – R-Area Reactor Seepage Basins (904-57G, 904-58G, 904-59G, 904-60G, 904-103G, 904-104G) and 108-4R Overflow Basin Operable Unit (*continued*)**

| XI. OVERALL OBSERVATIONS                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>A. Implementation of the Remedy</b>                 | <p>Describe issues and observations relating to whether the remedy is effective and functioning as designed. Begin with a brief statement of what the remedy is to accomplish (i.e., to contain contaminant plume, minimize infiltration and gas emissions, etc.).</p> <p><u>The remedial action for RRSB OU is installation of a reinforced concrete intruder barrier system over PTSM with granite monuments, installation of an asphalt bioturbation barrier over contaminated vegetation areas, excavation and consolidation on-unit of PTSM outside boundary fence, monitored natural attenuation (MNA) by radioactive decay with mixing zone for groundwater, and institutional controls (i.e., LUCs). The remedy is fully established and functioning as designed.</u></p>                                                                                                                                                                                                               |
| <b>B. Adequacy of O&amp;M</b>                          | <p>Describe issues and observations related to the implementation and scope of O&amp;M procedures. In particular, discuss their relationship to the current and long-term protectiveness of the remedy.</p> <p><u>The O&amp;M procedures consisting of annual site inspections and site maintenance (repair of erosion damage, cover system, fencing and warning signs) and land use controls (SRS Site Use and Site Clearance Programs, which restrict invasive and permanent installation activities at the waste unit) have been implemented. The O&amp;M procedures are adequately maintaining the RRSB OU and the condition of the fencing and warning signs is good. When maintenance activities are identified during inspections (e.g., repairing holes, concrete spalling, asphalt cracking, vegetation removal from the cover system), repairs are scheduled and performed. There are no issues that impact the protectiveness of the remedy that require corrective actions.</u></p> |
| <b>C. Early Indicators of Potential Remedy Failure</b> | <p>Describe issues and observations such as unexpected changes in the cost or scope of O&amp;M or a high frequency of unscheduled repairs that suggest that the protectiveness of the remedy may be compromised in the future.</p> <p><u>N/A</u></p> <p>_____</p> <p>_____</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>D. Opportunities for Optimization</b>               | <p>Describe possible opportunities for optimization in monitoring tasks or the operation of the remedy.</p> <p><u>N/A</u></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

*End of Checklist*



# Express Mail/Overnight Delivery Service Request

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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          |                                                                     |                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------------------------------------------------------|---------------------------------------|
| To: <b>Mail Room Personnel / Building 731-1N</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                          | Date<br>12/07/2020                                                  |                                       |
| <b>United Parcel Service (UPS)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |                                                                     |                                       |
| Service Required<br><input type="radio"/> AM Next Morning Before 10:30 <input checked="" type="radio"/> Next Business Day <input type="radio"/> 2nd Business Day <input type="radio"/> Saturday Delivery*                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                          |                                                                     |                                       |
| Sender's Name (Print)<br><b>Le Anne Barkley</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Address<br><b>730-4B</b> | Phone No.<br><b>2-7589</b>                                          | Speed Chart Code<br><b>07YXBPMDOC</b> |
| <b>Delivery Option*</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |                                                                     |                                       |
| <div style="display: flex; justify-content: space-between;"> <span><input checked="" type="checkbox"/> Delivery Confirmation</span> <span><input type="checkbox"/> Signature Required</span> </div> <div style="text-align: center; margin-top: 10px;">             Declared Value of this Shipment is \$ <u>N/A</u> </div>                                                                                                                                                                                                                                                                                                                                   |                          |                                                                     |                                       |
| <b>Security Classification</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |                                                                     |                                       |
| <input checked="" type="radio"/> Unclassified <input type="radio"/> Official Use Only <input type="radio"/> UCNi <input type="radio"/> Classified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                          |                                                                     |                                       |
| <b>Destination Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |                                                                     |                                       |
| Name/Company<br>Mr. Bill Sudduth<br>Government Information Dept.<br>Thomas Cooper Library                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                          | Street Address<br>1322 Greene Street                                |                                       |
| Phone Number<br>803-777-5699                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | City<br>Columbia         | State<br>SC                                                         | Zip<br>29208                          |
| I certify that overnight delivery of<br><small>Sixth Five-Year Remedy Review Report for Savannah River Site Operable Units with Groundwater Remedies (SRNS-RP-2019-00511, Revision 1, July 2020) and Savannah River Site Fact Sheet for SRS Operable Units with Groundwater Rem</small><br><div style="text-align: center; border-top: 1px solid black; margin: 5px 0;">             (Title of Document or Description of Material)           </div> <p><b>is necessary to comply with mission objectives and that no other method of forwarding is available or feasible to meet the required delivery deadline. This is Official Business material.</b></p> |                          |                                                                     |                                       |
| <b>NOTE:</b> All <u>Classified Material</u> must be taken to the Classified Operations Group in 773-A.<br>All <u>International Shipments</u> must be approved by Export Control located in Building 703-45A prior to shipping.                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |                                                                     |                                       |
| <b>APPROVALS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                          |                                                                     |                                       |
| COG Clerk Receiving Request (Print) <i>If Applicable</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                          | COG Clerk Receiving Request (Signature) <i>If Applicable</i>        |                                       |
| Division Director/Manager Name - Level 4 (Print)<br><i>Chris Bergren</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                          | Division Director/Manager Level 4 (Signature)<br><i>[Signature]</i> |                                       |

\* Denotes Additional Fee Applies

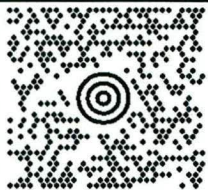
JMLIGHT  
8035575456  
SAVANNAH RIVER NUCLEAR SOLUTIO  
BLDG 731-1N RM 113  
AIKEN SC 29808

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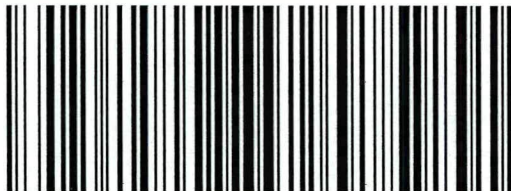
**SC 292 9-01**



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Reference # 1: 07YXBPMDOC



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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| To: <b>Mail Room Personnel / Building 731-1N</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          | Date<br>12/07/2020                                                                                                                      |                                       |
| <b>United Parcel Service (UPS)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |                                                                                                                                         |                                       |
| Service Required<br><input type="radio"/> AM Next Morning Before 10:30 <input checked="" type="radio"/> Next Business Day <input type="radio"/> 2nd Business Day <input type="radio"/> Saturday Delivery*                                                                                                                                                                                                                                                                                                                                         |                          |                                                                                                                                         |                                       |
| Sender's Name (Print)<br><b>Le Anne Barkley</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Address<br><b>730-4B</b> | Phone No.<br><b>2-7589</b>                                                                                                              | Speed Chart Code<br><b>07YXBPMDOC</b> |
| <b>Delivery Option*</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                          |                                                                                                                                         |                                       |
| <input checked="" type="checkbox"/> Delivery Confirmation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          | <input type="checkbox"/> Signature Required                                                                                             |                                       |
| Declared Value of this Shipment is \$ <u>N/A</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |                                                                                                                                         |                                       |
| <b>Security Classification</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                          |                                                                                                                                         |                                       |
| <input checked="" type="radio"/> Unclassified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                          | <input type="radio"/> Official Use Only <input type="radio"/> UCNI <input type="radio"/> Classified                                     |                                       |
| <b>Destination Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                          |                                                                                                                                         |                                       |
| Name/Company<br>Ms. Susie O'Connor<br>Gregg-Graniteville Library<br>University of South Carolina Aiken                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          | Street Address<br>471 University Parkway                                                                                                |                                       |
| Phone Number<br>803-641-3261                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | City<br>Aiken            | State<br>SC                                                                                                                             | Zip<br>29803                          |
| I certify that overnight delivery of<br><small>Sixth Five-Year Remedy Review Report for Savannah River Site Operable Units with Groundwater Remedies (SRNS-RP-2019-00511, Revision 1, July 2020) and Savannah River Site Fact Sheet for SRS Operable units with Groundwater Reme</small><br>_____<br>(Title of Document or Description of Material)<br>is necessary to comply with mission objectives and that no other method of forwarding is available or feasible to meet the required delivery deadline. This is Official Business material. |                          |                                                                                                                                         |                                       |
| <b>NOTE:</b> All <u>Classified Material</u> must be taken to the Classified Operations Group in 773-A.<br>All <u>International Shipments</u> must be approved by Export Control located in Building 703-45A prior to shipping.                                                                                                                                                                                                                                                                                                                    |                          |                                                                                                                                         |                                       |
| <b>APPROVALS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |                                                                                                                                         |                                       |
| COG Clerk Receiving Request (Print) <i>If Applicable</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          | COG Clerk Receiving Request (Signature) <i>If Applicable</i>                                                                            |                                       |
| Division Director/Manager Name - Level 4 (Print)<br><b>Chris Bergren</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          | Division Director/Manager - Level 4 (Signature)<br> |                                       |

\* Denotes Additional Fee Applies



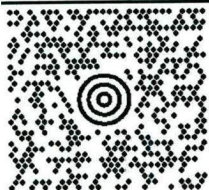
JMLIGHT  
8035575456  
SAVANNAH RIVER NUCLEAR SOLUTIO  
BLDG 731-1N RM 113  
AIKEN SC 29808

4 LBS PAK

1 OF 1

**SHIP TO:**

MS. SUSIE O'CONNOR  
8036413261  
UNIVERSITY OF SOUTH CAROLINA AIKEN  
GREGG-GRANITEVILL LIBRARY  
471 UNIVERSITY PARKWAY  
**AIKEN SC 29801-6389**



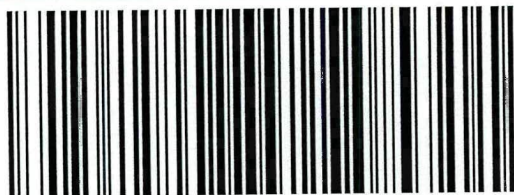
**SC 298 0-01**



**UPS NEXT DAY AIR**

**1**

TRACKING #: 1Z A5E 795 01 9087 8268



BILLING: P/P

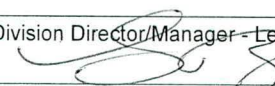
Reference # 1: 07YXBPMDOC



TM

# Express Mail/Overnight Delivery Service Request

This form must accompany material to the mailroom.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                                                                                                                         |                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| To: <b>Mail Room Personnel / Building 731-1N</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                          | Date<br>12/07/2020                                                                                                                      |                                       |
| <b>United Parcel Service (UPS)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                          |                                                                                                                                         |                                       |
| Service Required<br><input type="radio"/> AM Next Morning Before 10:30 <input checked="" type="radio"/> Next Business Day <input type="radio"/> 2nd Business Day <input type="radio"/> Saturday Delivery*                                                                                                                                                                                                                                                                                                                                               |                          |                                                                                                                                         |                                       |
| Sender's Name (Print)<br><b>Le Anne Barkley</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Address<br><b>730-4B</b> | Phone No.<br><b>2-7589</b>                                                                                                              | Speed Chart Code<br><b>07YXBPMDOC</b> |
| <b>Delivery Option*</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                                                                                                                                         |                                       |
| <input checked="" type="checkbox"/> Delivery Confirmation <input type="checkbox"/> Signature Required<br>Declared Value of this Shipment is \$ <u>N/A</u>                                                                                                                                                                                                                                                                                                                                                                                               |                          |                                                                                                                                         |                                       |
| <b>Security Classification</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          |                                                                                                                                         |                                       |
| <input checked="" type="radio"/> Unclassified <input type="radio"/> Official Use Only <input type="radio"/> UCNI <input type="radio"/> Classified                                                                                                                                                                                                                                                                                                                                                                                                       |                          |                                                                                                                                         |                                       |
| <b>Destination Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          |                                                                                                                                         |                                       |
| Name/Company<br>Ms. Melissa Johnson<br>Reese Library Govt. Section<br>Augusta University                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          | Street Address<br>2500 Walton Way                                                                                                       |                                       |
| Phone Number<br>706-737-1744                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | City<br>Augusta          | State<br>GA                                                                                                                             | Zip<br>30909                          |
| I certify that overnight delivery of<br><small>Sixth Five-Year Remedy Review Report for Savannah River Site Operable Units Groundwater Remedies (SRNS-RP-2019-00511, Revision 1, July 2020) and Savannah River Site Fact Sheet for SRS Operable Units with Groundwater Remedies</small><br>_____<br>(Title of Document or Description of Material)<br><b>is necessary to comply with mission objectives and that no other method of forwarding is available or feasible to meet the required delivery deadline. This is Official Business material.</b> |                          |                                                                                                                                         |                                       |
| <b>NOTE:</b> All <u>Classified Material</u> must be taken to the Classified Operations Group in 773-A.<br>All <u>International Shipments</u> must be approved by Export Control located in Building 703-45A prior to shipping.                                                                                                                                                                                                                                                                                                                          |                          |                                                                                                                                         |                                       |
| <b>APPROVALS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                          |                                                                                                                                         |                                       |
| COG Clerk Receiving Request (Print) <i>If Applicable</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          | COG Clerk Receiving Request (Signature) <i>If Applicable</i>                                                                            |                                       |
| Division Director/Manager Name - Level 4 (Print)<br><b>Chris Berger</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          | Division Director/Manager - Level 4 (Signature)<br> |                                       |

\* Denotes Additional Fee Applies

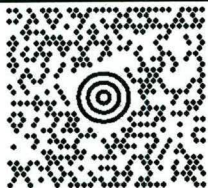
JMLIGHT  
8035575456  
SAVANNAH RIVER NUCLEAR SOLUTIO  
BLDG 731-1N RM 113  
AIKEN SC 29808

4 LBS PAK

1 OF 1

**SHIP TO:**

MS. MELISSA JOHNSON  
7067371744  
AUGUSTA UNIVERSITY  
REESES LIBRARY GOVT. SECTION  
2500 WALTON WAY  
**AUGUSTA GA 30904-4562**



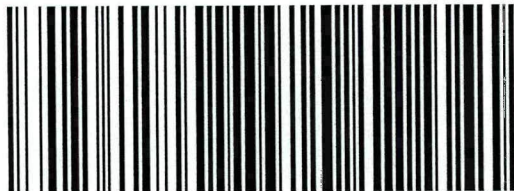
**GA 309 0-01**



**UPS NEXT DAY AIR**

**1**

TRACKING #: 1Z A5E 795 01 9143 4851



BILLING: P/P

Reference # 1: 07YXBPMDOC



TM



# Express Mail/Overnight Delivery Service Request

This form must accompany material to the mailroom.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          |                                                                                                                                         |                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| To: <b>Mail Room Personnel / Building 731-1N</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          | Date<br>12/07/2020                                                                                                                      |                                       |
| <b>United Parcel Service (UPS)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |                                                                                                                                         |                                       |
| Service Required<br><input type="radio"/> AM Next Morning Before 10:30 <input checked="" type="radio"/> Next Business Day <input type="radio"/> 2nd Business Day <input type="radio"/> Saturday Delivery*                                                                                                                                                                                                                                                                                                                                                |                          |                                                                                                                                         |                                       |
| Sender's Name (Print)<br><b>Le Anne Barkley</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Address<br><b>730-4B</b> | Phone No.<br><b>2-7589</b>                                                                                                              | Speed Chart Code<br><b>07YXBPMDOC</b> |
| <b>Delivery Option*</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |                                                                                                                                         |                                       |
| <input checked="" type="checkbox"/> Delivery Confirmation <input type="checkbox"/> Signature Required<br>Declared Value of this Shipment is \$ <u>N/A</u>                                                                                                                                                                                                                                                                                                                                                                                                |                          |                                                                                                                                         |                                       |
| <b>Security Classification</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                          |                                                                                                                                         |                                       |
| <input checked="" type="radio"/> Unclassified <input type="radio"/> Official Use Only <input type="radio"/> UONI <input type="radio"/> Classified                                                                                                                                                                                                                                                                                                                                                                                                        |                          |                                                                                                                                         |                                       |
| <b>Destination Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                          |                                                                                                                                         |                                       |
| Name/Company<br>LaTasha P. Denard<br>Asa H. Gordon Library<br>Savannah State University                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          | Street Address<br>2200 Tompkins Road                                                                                                    |                                       |
| Phone Number<br>912-358-4325                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | City<br>Savannah         | State<br>GA                                                                                                                             | Zip<br>31404                          |
| I certify that overnight delivery of<br><small>Sixth Five-Year Remedy Review Report for Savannah River Site Operable Units with Groundwater Remedies (SRNS-RP-2019-00511, Revision 1, July 2020) and Savannah River Site Fact Sheet for SRS Operable Units with Groundwater Reme</small><br>_____<br>(Title of Document or Description of Material)<br><b>is necessary to comply with mission objectives and that no other method of forwarding is available or feasible to meet the required delivery deadline. This is Official Business material.</b> |                          |                                                                                                                                         |                                       |
| <b>NOTE:</b> All <u>Classified Material</u> must be taken to the Classified Operations Group in 773-A.<br>All <u>International Shipments</u> must be approved by Export Control located in Building 703-45A prior to shipping.                                                                                                                                                                                                                                                                                                                           |                          |                                                                                                                                         |                                       |
| <b>APPROVALS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                                                                                                                         |                                       |
| COG Clerk Receiving Request (Print) <i>If Applicable</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          | COG Clerk Receiving Request (Signature) <i>If Applicable</i>                                                                            |                                       |
| Division Director/Manager Name - Level 4 (Print)<br><i>Chris Berger</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          | Division Director/Manager - Level 4 (Signature)<br> |                                       |

\* Denotes Additional Fee Applies

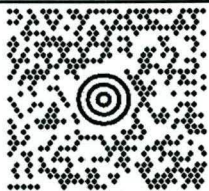
JMLIGHT  
8035575456  
SAVANNAH RIVER NUCLEAR SOLUTIO  
BLDG 731-1N RM 113  
AIKEN SC 29808

4 LBS PAK

1 OF 1

**SHIP TO:**

LATASHA P. DENARD  
9123584325  
SAVANNAH STATE UNIVERSITY  
2200 TOMPKINS RD  
**SAVANNAH GA 31404-5235**



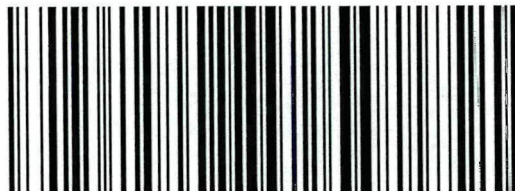
**GA 314 8-04**



**UPS NEXT DAY AIR**

**1**

TRACKING #: 1Z ASE 795 01 9383 0839



BILLING: P/P

Reference # 1: 07YXBPMDOC



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