FEDERAL FACILITY AGREEMENT

FOR THE

SAVANNAH RIVER SITE

Administrative Document Number 89-05-FF

Effective Date: August 16, 1993

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THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION IV
AND
THE UNITED STATES DEPARTMENT OF ENERGY
AND
THE SOUTH CAROLINA
DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

IN THE MATTER OF:	)	
	)	
	)	FEDERAL FACILITY
The U. S. Department	)	AGREEMENT
of Energy's	)	UNDER SECTION 120 OF CERCLA
SAVANNAH RIVER SITE	)	AND SECTIONS 3008(h) AND
	)	6001 OF RCRA
	)	
	)	
	)	Administrative
	)	Docket No: 89-05-FF

Based upon the information available to the Parties on the effective date of this FEDERAL FACILITY AGREEMENT (Agreement), and without trial or adjudication of any issues of fact or law, the Parties agree as follows:

INTRODUCTION

This Agreement directs the comprehensive remediation of the Savannah River Site (SRS). It contains requirements for (1) site investigation and remediation of releases and potential releases of hazardous substances, and (2) interim status corrective action for releases of hazardous wastes or hazardous constituents. This Agreement delineates the relationship between its requirements and the requirements for corrective measures being conducted under Sections 3004(u) and 3004(v) according to the conditions of the SRS's Federal Resource Conservation and Recovery Act (RCRA) permit and the State's Hazardous Waste permit. It expands the site investigation process begun at the SRS under the RCRA permit to address (1) releases at or from units not included in the RCRA permit, and (2) releases of hazardous or radioactive substances or both not regulated by the RCRA permit. This Agreement also establishes requirements for the prevention and mitigation of releases or potential releases at or from the SRS high-level radioactive waste tank system(s) identified in Appendix B to this Agreement.

This Agreement governs the corrective/remedial action process from site investigation through site remediation and describes procedures for the Parties to set annual work priorities (including schedules and deadlines) for that process. The Parties will coordinate the administrative and public participation processes prescribed by the various statutes (e.g., RCRA and CERCLA) governing the corrective/remedial action process at the SRS.

This Agreement also consists of Appendices A through J. In the event of any inconsistency between this Agreement and its Appendices, this Agreement shall govern unless and until modified under Section XLIII (Modification of Agreement) of this Agreement.

I. JURISDICTION

A. Each Party is entering into this Agreement pursuant to the following authorities:

1. The U. S. Environmental Protection Agency (EPA) enters into those portions of this Agreement that relate to the Remedial Investigation/Feasibility Study (RI/FS) pursuant to Section 120(e)(1) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), 42 U.S.C. § 9620(e)(1), as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA), Pub. L. 99-499 (hereinafter jointly referred to as CERCLA) and the RCRA Facility Investigation/Corrective Measures Study (RFI/CMS) pursuant to Sections 3008(h) and 6001 of the Resource Conservation and Recovery Act (RCRA), 42 U.S.C. §§ 6928(h) and 6961, as amended by the Hazardous and Solid Waste Amendments of 1984 (HSWA) (hereinafter jointly referred to as RCRA) and Executive Order 12580;

2. The EPA enters into those portions of this Agreement that relate to operable units and final corrective/remedial actions pursuant to Section 120(e)(2) of CERCLA, Sections 3008(h) and 6001 of RCRA and Executive Order 12580;

3. The U. S. Department of Energy (DOE) enters into those portions of this Agreement that relate to the RFI/RI and CMS/FS pursuant to Section 120(e)(1) of CERCLA, Sections 3008(h) and 6001 of RCRA, Executive Order 12580, the National Environmental Policy Act, 42 U.S.C. § 4321, and the Atomic Energy Act of 1954 (AEA), as amended, 42 U.S.C. § 2011;

4. The DOE enters into those portions of this Agreement that relate to operable units and final corrective/remedial actions pursuant to Section 120(e)(2) of CERCLA, Sections 3008(h) and 6001 of RCRA, Executive Order 12580, and the AEA;

5. The DOE will take all necessary actions in order to fully effectuate the terms of this Agreement, including undertaking response actions at the Savannah River Site in accordance with Federal and State applicable or

relevant and appropriate laws, standards, limitations, criteria, and requirements to the extent consistent with CERCLA.

6. The South Carolina Department of Health and Environmental Control (SCDHEC) enters into this Agreement pursuant to Sections 120(f) and 121(f) of CERCLA, the South Carolina Hazardous Waste Management Act, S.C. Code Ann. Section 44-56-10, et seq., and the Pollution Control Act, S.C. Code Ann., Section 48-1-10, et seq. (1985), S.C. Code Ann., Section 48-43-510, et seq. (1985), and regulations promulgated thereto.

B. The National Priorities List (NPL) is promulgated under Section 105 of CERCLA, 42 U.S.C. § 9605 and at 40 CFR Part 300. The Savannah River Site has been included by EPA on the Federal Agency Hazardous Waste Compliance Docket established under Section 120 of CERCLA, 42 U.S.C. § 9620, 52 Federal Register 4280, (February 12, 1988). The EPA proposed the Savannah River Site for inclusion on the NPL in Update Nine to the NPL published on July 14, 1989 at 54 Federal Register 29820. The EPA finalized the Savannah River Site on the NPL on November 21, 1989 at 54 Federal Register 48184, which became effective on December 21, 1989. The Parties intend that this Agreement shall satisfy the requirements of Section 120 of CERCLA, 42 U.S.C. § 9620, for the Savannah River Site.

II. DEFINITIONS

Except as provided below or otherwise explicitly stated herein, the definitions provided in CERCLA and the National Oil and Hazardous Substances Pollution Contingency Plan, 40 CFR Part 300 (hereinafter the National Contingency Plan or NCP), and RCRA shall control the meaning of the terms used in this Agreement. This Agreement references documents required by the DOE's RCRA permit. Appendix A to this Agreement identifies those documents and their CERCLA counterparts. Any references to the documents or terms identified in Appendix A shall also include the corresponding RCRA or CERCLA documents.

In addition, the following definitions are used for purposes of this Agreement. If any of the following terms are amended by revisions to the NCP after the effective date of this Agreement, the revised NCP definition shall control the meaning of that term.

A. Additional Work shall mean any work agreed upon by the Parties under Section XXI (Additional Work) to this Agreement.

B. Atomic Energy Act (AEA) shall mean the Atomic Energy Act of 1954, as amended, 42 U.S.C. §§ 2011, et seq.

C. Ancillary Equipment shall mean any device including, but not limited to, such devices as piping, fittings, flanges, valves, and pumps, that is used to distribute, meter, or control the flow of hazardous waste from its point of generation to a storage or treatment tank(s), between hazardous waste storage

and treatment tanks to a point of disposal on-site, or to a point of shipment for disposal off-site.

D. Agreement shall mean this document and shall include all Appendices to this document referred to herein. All such Appendices shall be appended to and made an enforceable part of this Agreement.

E. Annual Budget Allotment shall mean the initial Fiscal Year *Advice of Allotment* and the accompanying *Approved Funding Program*, which authorizes expenditure of funds for the current fiscal year.

F. Applicable State Laws shall include, but not be limited to, all laws determined to be applicable or relevant and appropriate requirements (ARARs) as described in Section 121(d) of CERCLA, 42 U.S.C. § 9621(d). It is recognized that in some instances in which this phrase is used, there may be no applicable State laws.

G. ARAR(s) shall mean "legally applicable" or "relevant and appropriate" laws, standards, requirements, criteria, or limitations as those terms are used in Section 121(d) of CERCLA, 42 U.S.C. § 9621(d).

H. Authorized Representatives shall mean a Party's employees, agents, successors, assigns, and contractors acting in any capacity, including an advisory capacity, when so designated by that Party.

I. CERCLA shall mean the Comprehensive Environmental Response, Compensation and Liability Act of 1980, 42 U.S.C. §§ 9601 et seq., as amended by the Superfund Amendments and Reauthorization Act of 1986, Pub. L. 99-499.

J. Component shall mean either the tank or ancillary equipment of a tank system.

K. Corrective Action shall mean those actions necessary to correct releases to all media from all solid waste management units at RCRA facilities. Corrective action consists primarily of four steps: the RCRA Facility Assessment, the RCRA Facility Investigation, the Corrective Measures Study, and Corrective Measures Implementation.

L. Corrective Measures Implementation (CMI) shall mean the design, construction, operation, maintenance, and monitoring of selected corrective measures.

M. Corrective Measures Study(s) (CMSs) shall mean the study or report identifying and recommending, as appropriate, specific corrective measures that will correct the release(s) identified during the RCRA Facility Investigation. The CMS shall include a corrective/remedial action plan(s), as appropriate.

N. Days shall mean calendar days, unless business days are specified. Any submittal or written statement of dispute that under the terms of this Agreement would be due on a Saturday, Sunday, or holiday shall be due on the following business day.

O. DOE shall mean the United States Department of Energy and its authorized representatives.

P. EPA shall mean the United States Environmental Protection Agency and its authorized representatives.

Q. Feasibility Study(s) (FSs) shall mean a study that fully evaluates and develops remedial action alternatives to prevent and/or mitigate the migration of the release of hazardous substances, pollutants, or contaminants at and from the site.

R. Hazardous Constituent(s) shall mean those substances listed in Appendix VIII to 40 CFR Part 261 and includes hazardous constituents released from solid waste and hazardous constituents that are reaction by-products.

S. Hazardous Substances shall have the meaning set forth by Section 101(14) of CERCLA, 42 U.S.C. § 9601(14).

T. Hazardous Waste(s) shall have the meaning set forth by Section 1004(5) of RCRA, 42 U.S.C. § 6903(5), 40 CFR Parts 260 and 261, S.C. Code Ann., Section 44-56-20(6), 25 S.C. Code Ann. R. 61-79, Sections 260 and 261, and R. 61-66, Section VII.

U. Hazardous Waste Management Act (HWMA) shall mean the South Carolina Hazardous Waste Management Act, S.C. Code Ann. §§ 44-56-10, et seq. (Supp. 1988).

V. Interim Measures shall mean those measures conducted in accordance with Part II.H. of the DOE's RCRA permit to contain, remove, or treat contamination resulting from the release of hazardous constituents from solid waste management units in order to protect human health and the environment. Such measures may be conducted concurrently with operable units under this Agreement.

W. Leak shall mean, for the purposes of Section IX only, the escape of a hazardous substance from primary or secondary containment as detected by leak detection methods approved by SCDHEC under this Agreement or by any other means.

X. National Contingency Plan (NCP) shall mean the National Oil and Hazardous Substances Pollution Contingency Plan, 40 CFR Part 300, and any amendments thereto.

Y. National Priorities List (NPL) Site (site) shall mean the site as finally promulgated at 40 CFR Part 300.

Z. On-site shall mean the areal extent of contamination and all suitable areas in very close proximity to the contamination necessary for implementation of the response action, 40 CFR Section 300.400(e).

AA. Operable Unit shall mean a discrete action that comprises an incremental step toward comprehensively addressing site problems. This discrete portion of a remedial response manages migration, or eliminates or mitigates a release, threat of release, or pathway of exposure. The remediation of a site can be divided into a number of operable units, depending on the

complexity of the problems associated with the site. Operable units may address geographic portions of a site, specific site problems, or initial phases of an action, or may consist of any set of actions performed over time or any actions that are concurrent but located in different parts of a site. Operable units will not impede implementation of subsequent actions, including final action at the site.

BB. Parties shall mean all parties who are signatories to this Agreement.

CC. Pollution Control Act (PCA) shall mean the South Carolina Pollution Control Act, S.C. Code Ann. §§ 48-1-10, et seq. (Supp. 1988).

DD. Project Manager(s) shall mean the officials designated by EPA, DOE, and SCDHEC to coordinate, monitor, or direct corrective/remedial response actions at the site.

EE. Proposed Plan(s) shall mean the report(s) describing the corrective/remedial action(s) recommended for the site, Section 117(a) of CERCLA, 42 U.S.C. § 9617.

FF. Quality Assured Data shall mean data that have undergone quality assurance as set forth in the approved Quality Assurance Plan.

GG. RA Start, for the purposes of Appendices D and E only, shall mean the commencement of remedial activities as described in the approved RD/RA Workplan.

HH. Radioactive Mixed Waste(s) or Mixed Waste(s) shall mean wastes that contain both hazardous components subject to RCRA and radioactive components subject to the Atomic Energy Act of 1954, as amended.

II. RCRA shall mean the Resource Conservation and Recovery Act, 42 U.S.C. §§ 6901, et seq., as amended by the Hazardous and Solid Waste Amendments of 1984, Pub. L. 98-616.

JJ. RCRA closure and post-closure care shall mean closure and post-closure care of hazardous waste management units under 40 CFR Parts 264 and 265 or the State of South Carolina's corresponding regulations.

KK. RCRA Facility Assessment(s) (RFAs) shall mean the assessment(s) performed under RCRA to identify actual and potential releases from RCRA regulated units and other solid waste management units at the Savannah River Site.

LL. RCRA Facility Investigation(s) (RFIs) shall mean the investigation(s) performed in accordance with the RCRA permit to gather data sufficient to fully characterize the nature, extent and rate of migration of actual and potential contaminant releases identified in the RFA(s).

MM. Record(s) of Decision (RODs) shall mean the document(s) issued as the final corrective/remedial action plan for the site (or any operable unit) pursuant to Section 117(b) of CERCLA, 42 U.S.C. § 9617.

NN. Release shall mean any spilling, leaking, pumping, pouring, emitting, emptying, discarding, injecting, escaping, leaching, dumping, or disposing into the environment (including the abandonment or discarding of

barrels, containers, and other closed receptacles containing any hazardous substance or pollutant or contaminant), but excludes 1) any release which results in exposure to persons solely within a workplace, with respect to a claim which such persons may assert against the employer of such person, 2) emissions from the engine exhaust of a motor vehicle, rolling stock, aircraft, vessel, or pipeline pumping station engine, 3) release of source, byproduct, or special nuclear material from a nuclear incident, as those terms are defined in the AEA, if such release is subject to requirements with respect to financial protection established by the Nuclear Regulatory Commission under Section 170 of the AEA, or, for the purposes of Section 104 of CERCLA or any other response action, any release of source byproduct, or special nuclear material from any processing site designated under Section 102(a)(1) or 302(a) of the Uranium Mill Tailings Radiation Control Act of 1978, and 4) the normal application of fertilizer, and 5) the releases of petroleum as excluded under Section 101(14) and (33) of CERCLA, 42 U.S.C. § 9601(14) and (33).

OO. Remedial Action(s) (RAs) shall mean the implementation of the RA Work Plan and the RD consistent with the NCP and the Superfund Remedial Design and Remedial Action Guidance (EPA) including on-site construction, treatment processes, removals, and any other tasks necessary.

PP. Remedial Action Work Plan(s) shall mean the report describing the implementation of the corrective/remedial action selected for remediation of the site.

QQ. Remedial Design(s) (RDs) shall mean the technical analysis and procedures which follow the selection of remedy and result in a detailed set of plans and specifications for implementation of the corrective/remedial action.

RR. Remedial Investigation(s) (RIs) shall mean an investigation conducted to fully assess the nature and extent of the release or threat of release of hazardous substances, pollutants, or contaminants and to gather necessary data to support the corresponding feasibility study.

SS. Removal Action shall have the same meaning as "remove" or "removal" as defined in Section 101(23) of CERCLA, 42 U.S.C. § 9601(23).

TT. Respond or Response shall have the meaning set forth in Section 101(25) of CERCLA, 42 U.S.C. § 9601(25).

UU. Revision.0 Primary Document shall mean the first version of a report issued by the DOE for any primary document listed in Section XXII.C.1. (Review/Comment on Documents) and submitted to EPA and SCDHEC for review and comment under Section XXII (Review/Comment on Documents) of this Agreement.

VV. Revision.1 Primary Document shall mean the revised version of a report issued by the DOE for any primary document listed in Section XXII.C.1. (Review/Comment on Documents) after receipt of comments from the EPA and SCDHEC under Section XXII (Review/Comment on Documents). A Revision.1

primary document may be subject to the dispute resolution procedures of Section XXVII (Resolution of Disputes) of this Agreement.

WW. RFI/RI Field Start, for the purposes of Appendices D and E only, shall meant the commencement of characterization activities as described in the approved RFI/RI Workplan.

XX. ROD shall mean, for the purposes of Appendix D and E only, the date upon which DOE submits the signed, EPA and SCDHEC approved, Revision.0 (or subsequent revision) Record of Decision document.

YY. Site shall have the same meaning as "facility" as defined by Section 101(9) of CERCLA, 42 U.S.C. § 9601(9). This definition is not intended to limit CERCLA, RCRA, or any other federal response authorities or South Carolina authorities.

ZZ. Solid Waste(s) shall have the meaning set forth by Section 1004(27) of RCRA, 42 U.S.C. § 6903(27), 40 CFR Part 261, and in 25 S.C. Code Ann. R. 61-79, Section 261.

AAA. Solid Waste Management Units (SWMUs) shall mean those units subject to applicable RCRA corrective action requirements, identified by EPA and SCDHEC, either presently or in the future, as requiring further investigation. The SWMUs at SRS are identified along with Operable Units in the RCRA/CERCLA Units List of Appendix C. This Appendix may be revised by agreement of the Parties. The DOE may consolidate SWMUs or other areas or both into single groupings for purposes of conducting any work under this Agreement and with the concurrence of the EPA and SCDHEC.

BBB. SCDHEC shall mean the South Carolina Department of Health and Environmental Control and its authorized representatives.

CCC. Statement of Basis shall mean the report(s) describing the corrective measure(s)/remedial action(s) being conducted pursuant to South Carolina Hazardous Waste Management Regulations, as amended.

DDD. Tank System(s) shall mean those tanks, including their associated ancillary equipment and containment systems, listed or otherwise identified in Appendix B to this Agreement. This Appendix may be revised by agreement of the Parties.

EEE. Timetables and Deadlines shall mean schedules as well as that work and those actions that are to be completed and performed in conjunction with such schedules, including performances of actions established pursuant to Section XX (Timetables and Deadlines), Section XXI (Additional Work), and Section XXVII (Resolution of Disputes) of this Agreement.

III. PURPOSE OF AGREEMENT

A. The general purposes of this Agreement are to:

1. Ensure that the environmental impacts associated with past and present activities at the site are thoroughly investigated and that

appropriate corrective/remedial action is taken as necessary to protect the public health and welfare and the environment;

2. Ensure that all releases of hazardous substances, pollutants or contaminants as defined by CERCLA and all releases of hazardous wastes or hazardous constituents as defined by RCRA are addressed so as to achieve a comprehensive remediation of the site;

3. Prevent, mitigate, or abate releases or threatened releases of hazardous substances from high-level radioactive waste tank systems prior to final corrective/remedial action at the site;

4. Establish a procedural framework and schedule for developing, implementing, and monitoring appropriate response actions at the site in accordance with CERCLA, the NCP, RCRA, and in accordance with applicable South Carolina law;

5. Facilitate cooperation, exchange of information and participation of the Parties, and provide for effective public participation;

6. Minimize the duplication of investigative and analytical work, and documentation, and ensure the quality of data management;

7. Ensure that corrective/remedial action(s) at the site will be in compliance with ARARs;

8. Expedite response actions with a minimum of delay;

9. Establish a basis for a determination that the DOE has completed the RI/FS(s), remedial design(s) and remedial action(s) at the site pursuant to CERCLA and applicable South Carolina laws;

10. Integrate response actions under CERCLA and this Agreement with RFI(s)/CMS(s) and corrective measures now being conducted under RCRA and applicable South Carolina laws; and

B. Specifically, the purposes of this Agreement are to:

1. Identify operable units which are candidates for investigation and possible corrective/remedial action at the site;

2. Establish requirements for the performance of an RFI/RI(s) to determine fully the nature and extent of the threat to the public health or welfare or the environment caused by the release or threatened release of hazardous substances, pollutants or contaminants at the site;

3. Establish requirements for the performance of an CMS/FS(s) for the site to identify, evaluate, and select alternatives for the appropriate corrective/remedial action(s) to prevent, mitigate, or abate the release or threatened release of hazardous substances, pollutants or contaminants at the site in accordance with CERCLA and in compliance with ARARs identified pursuant to this Agreement;

4. Identify the nature, objective and schedule of response actions to be taken at the site. Response actions at the site shall attain that degree of remediation of hazardous substances, pollutants or contaminants

mandated by CERCLA and in compliance with ARARs identified pursuant to this Agreement;

5. Implement the selected operable unit(s) and final corrective/remedial action(s) in accordance with CERCLA and in compliance with ARARs identified pursuant to this Agreement;

6. Establish requirements for the SRS high-level radioactive waste tank system(s) identified in Appendix B to this Agreement to ensure structural integrity, containment and detection of releases, and source control pending final corrective/remedial action at the site;

7. Meet the requirements of Section 120(e)(2) of CERCLA, 42 U.S.C. § 9620(e)(2), for an interagency agreement between the Parties;

8. Provide for continued operation and maintenance following implementation of the selected corrective/remedial action(s);

9. Assure compliance with Federal and State hazardous waste laws and regulations for matters covered by this Agreement;

10. Expedite remediation of the site to the extent necessary to protect human health and welfare and the environment;

11. Provide for State involvement in the initiation, development, selection, and enforcement of corrective/remedial actions to be undertaken at the site, including the review of all applicable data as it becomes available and the development of studies, reports, and action plans; and to identify and integrate State ARARs in accordance with CERCLA.

IV. RCRA/CERCLA INTEGRATION

A. The Parties intend to integrate the DOE's CERCLA response obligations with the corrective measures required by its current RCRA permit. The Parties intend that the response actions under this Agreement, together with the corrective measures under the RCRA permit, achieve comprehensive remediation of releases and threatened releases of hazardous substances, hazardous wastes, hazardous constituents, pollutants or contaminants at or from the site. Thus, response actions under CERCLA will address releases of radionuclides and other hazardous substances not presently addressed in the RCRA permit. Therefore, the Parties intend that activities covered by this Agreement will be deemed to achieve compliance with CERCLA, 42 U.S.C. §§ 9601, et seq.; to satisfy the corrective action requirements of Section 3008(h) of RCRA, 42 U.S.C. § 6928(h), for interim status facilities; to satisfy the investigation and corrective action requirements of §§ 3004(u) and (v) of RCRA, 42 U.S.C. §§ 6924(u) and (v); and to meet or exceed all applicable or relevant and appropriate Federal and State laws and regulations, to the extent required by Section 121 of CERCLA, 42 U.S.C. § 9621. The documents common to RCRA and CERCLA are provided in Appendix A to this Agreement.

B. This Agreement expands the RCRA Facility Assessments and Investigations presently under way at the SRS with investigations of (1) releases at or from units not included in the RCRA permit and (2) releases of hazardous and/or radioactive substances not regulated by the DOE's RCRA permit. The Parties intend to integrate and combine these assessments, investigations, and other response actions at the site. The Parties intend to combine the administrative records and files developed for activities under the RCRA permit and response actions under this Agreement in order to facilitate public participation in the selection of RCRA/CERCLA response actions and to ensure comprehensive remediation of the site. The Parties intend to integrate the procedures for the selection of response action(s) under this Agreement with the administrative procedures for the modification of the DOE's RCRA permit. The Parties intend to modify the DOE's RCRA permit to incorporate the remedial actions selected under this Agreement as corrective measures, when appropriate to satisfy Sections 3004(u) and (v) of RCRA, 42 U.S.C. §§ 6924(u) and (v). SCDHEC will modify the SRS's RCRA Permit to incorporate the remedial actions selected under this Agreement. The Parties agree that with respect to releases of hazardous waste or hazardous constituents from facilities that are or were authorized to operate under Section 3005(e) of RCRA, 42 U.S.C. § 6925(e) that are covered by this Agreement, that RCRA shall be considered one of the applicable or relevant and appropriate requirements pursuant to Section 121 of CERCLA, 42 U.S.C. § 9621.

C. Notwithstanding any provisions of this Agreement, any challenges to response actions selected or implemented under Sections 104, 106, or 120 of CERCLA, 42 U.S.C. §§ 9604, 9606, or 9620, may be brought only as provided in Section 113 of CERCLA, 42 U.S.C. § 9613.

D. Subject to Subsection G below, SCDHEC decisions for SRS units which SCDHEC has regulatory authority, and which SCDHEC has issued RCRA hazardous waste permits or which have interim status pursuant to S.C. Code R. 61-79.270, shall not be subject to Section XXVII (Resolution of Disputes) of this Agreement. As new units achieve interim status pursuant to S.C. Code R. 61-79.270 or as SCDHEC issues new hazardous waste permits, Appendix H.1, RCRA Regulated Units shall be revised by DOE and provided to SCDHEC for approval by October 1 of each fiscal year. The SCDHEC shall review and comment on the Revision 0. Appendix H.1 within 120 days of receipt. The Appendix H.1 will be revised in response to these comments, if necessary, and DOE will submit a Revision.1 Appendix H.1 according to requirements of Subsection G of Section XXII to this agreement.

E. DOE will address all releases at SRS units listed in Appendix H.1, RCRA Regulated Units pursuant to the Memorandum of Agreement, dated April 8, 1985, entered into between DOE and SCDHEC. To satisfy CERCLA requirements, DOE will also submit to EPA and SCDHEC Proposed Plans and RODs according to the requirements of Section XV (Proposed Plans/Records of Decision) for units listed in Appendix H.1 which have released hazardous substances.

F. Appendix H.2, RCRA 3004(u) Solid Waste Management Units, contains a comprehensive list of Solid Waste Management Units (SWMU) at SRS as defined in the Savannah River Plant Hazardous Waste Permit (SC1 890 008 989) with the exception of temporary hazardous waste accumulation areas as defined in SCHWMR R.61-79.262.34. This provision does not waive the parties' right to question whether the facilities listed in Appendix H.2. are properly listed as SWMUs in the Savannah River Plant Hazardous Waste Permit. Appendix H.2 will include a designation to indicate the disposition of the unit to the appropriate appendix in this agreement as agreed upon by the three parties. The DOE shall submit to EPA and SCDHEC a Revision.0 Appendix H.2 by October 1 of each fiscal year. The EPA and SCDHEC shall review and comment on the Revision 0. Appendix H.2 within 120 days of receipt. The Appendix H.2 will be revised in response to these comments, if necessary, and DOE will submit a Revision.1 Appendix H.2 according to requirements of Subsection G of Section XXII to this agreement.

G. It is the intent of EPA and SCDHEC that remedial actions approved or directed by either regulatory agency at SRS not be incompatible with other actions approved or directed by either regulatory agency under this Agreement. Nothing in this Agreement shall restrict EPA or SCDHEC regulatory authority, EPA reserves its authorities pursuant to Section 122(e)(6) of CERCLA and DOE reserves all rights and defenses it would have absent the Agreement and as provided for in Subsection B of Section XLIV.

V. STIPULATED FACTS

For purposes of this Agreement only, the following constitutes a summary of facts by the EPA and SCDHEC upon which this Agreement is based.

A. The DOE owns and operates the SRS. The SRS produces plutonium, tritium, and other special nuclear materials for national defense, for other governmental uses, and for civilian uses. The SRS is the nation's primary source of reactor-produced nuclear defense materials. Construction of the SRS began in 1951. The SRS is located near Aiken, South Carolina, and is approximately twenty-five (25) miles southeast of Augusta, Georgia. The SRS encompasses approximately three hundred (300) square miles.

B. In March 1979, the SRS discontinued operation of seven (7) chemical, metal, and pesticide disposal pits. In 1984, under the approval and supervision of the State of South Carolina, the SRS excavated these pits and removed contaminated material. Additional groundwater monitoring wells were installed.

C. On December 19, 1979, pursuant to the State of South Carolina's regulations, the SRS notified the SCDHEC of SRS's hazardous waste management activities. The SRS submitted a copy of its notification to the EPA.

D. In August 1980, pursuant to Section 3010 of RCRA, 42 U.S.C. § 6910, the SRS notified EPA of SRS's hazardous waste management activities and submitted a copy of the notification to the SCDHEC.

E. On September 29, 1980, the SRS submitted "Part A" of its hazardous waste management permit application to the SCDHEC and EPA. Since that time, the SRS has modified its "Part A" to include new units or modifications to existing units. The SRS submitted "Part B" of its permit application on February 11, 1985.

F. In February 1984, the SRS began groundwater corrective/remedial action by the use of an air stripper at the SRS M-Area.

G. On May 8, 1984, the SRS prepared an assessment of its waste disposal sites and groundwater impacts (Technical Summary Groundwater Quality Protection Program at Savannah River Plant).

H. On May 31, 1984, the DOE notified the EPA of potential CERCLA sites at DOE facilities, including the SRS.

I. On January 7, 1987, the SRS submitted to EPA a document entitled, "Waste Management Units - Savannah River Plant," which contained a listing of solid waste management units (SWMUs) on the SRS. The SWMUs list is revised annually and provided to EPA and SCDHEC.

J. On September 30, 1987, the SCDHEC and EPA issued a RCRA permit for the SRS. The Federal RCRA permit requires the SRS to initiate RFIs for listed SWMUs under the authority of RCRA Sections 3004(u) and (v). The State Hazardous Waste permit contains similar conditions under Section 44-56-10, et seq., of the Hazardous Waste Management Act. The list of SWMUs was revised on May 30, 1990, to include a total of eighty-one (81) SWMUs.

K. On October 16, 1987, the SRS submitted to EPA draft Hazard Ranking System (HRS) scores and supporting information for sixty-six (66) potential sites on the SRS. On April 28, 1988, the SRS submitted to EPA its Preliminary Assessments for these sites.

L. In December 1987, the SRS published its final environmental impact statement (EIS), entitled, "Waste Management Activities for Groundwater Protection: Savannah River Plant; Aiken, South Carolina." The purpose of the EIS was to identify and select a waste management strategy for the treatment, storage, and disposal of hazardous, radioactive, and mixed wastes.

M. On May 2, 1988, the SRS submitted an RFI Program Plan to EPA and SCDHEC pursuant to its RCRA permit. On September 6, 1989, EPA conditionally approved the RFI Program Plan.

N. On July 14, 1989, EPA proposed the SRS for inclusion on the NPL at 40 CFR Part 300 (54 Federal Register 29820).

O. On November 21, 1989, EPA finalized the SRS on the NPL at 40 CFR Part 300 (54 Federal Register 48184), which became effective on December 21, 1989.

P. The SRS is engaged in the generation, treatment, storage, and disposal of hazardous wastes as defined in RCRA, 42 U.S.C. §§ 6901, et seq., and as defined in the HWMA, S.C. Code Ann. §§ 44-56-10, et seq. (Supp 1988).

Q. The SRS releases, has released, and threatens to release hazardous substances, pollutants or contaminants into the environment, as defined in CERCLA, 42 U.S.C. §§ 9601, et seq.

R. Hazardous constituents, as defined by RCRA, and hazardous substances as defined by CERCLA, are present in the environment at the SRS.

VI. STIPULATED DETERMINATIONS

For the purposes of this Agreement only, the following constitute the determinations by EPA and SCDHEC upon which this Agreement is based.

A. The SRS is an installation which includes facilities within the meaning of Section 101(9) of CERCLA, 42 U.S.C. § 9601(9) and 25 S.C. Code Ann. R. 61-70.260.10. The SRS is a facility authorized to operate under Sections 3005(c) and 3005(e) of RCRA, 42 U.S.C. §§ 6925(c) and 6925(e). The SRS is a facility authorized to operate under State permits and has interim status to conduct certain activities.

B. The SRS, for the purposes of this Agreement, is a Federal installation listed on the Federal Agency Hazardous Waste Compliance Docket pursuant to CERCLA Section 120. The SRS is subject to and shall comply with, CERCLA, RCRA, and applicable South Carolina laws in the same manner and to the same extent, both procedurally and substantively, as any nongovernmental entity, including liability under Section 107 of CERCLA, 42 U.S.C. § 9607.

C. In September 1987, the EPA issued a permit under Section 3005(c) of RCRA, 42 U.S.C. § 6925(c), to DOE to require it to determine whether there have been any releases of hazardous waste or hazardous constituents from solid waste management units on the SRS and to take appropriate corrective action for any such releases. This permit, in conjunction with the Hazardous Waste Permit issued by the State of South Carolina on September 30, 1987, constitutes the RCRA permit for the SRS. The SRS has treatment, storage, or disposal units that remain under "interim status" pending incorporation into the existing RCRA permit. Under a June 1, 1988, Consent Decree (NRDC et al. vs. Herrington et al., CA # 1:85-2583-6, D.C.S.C. 1988), the SRS has agreed to close the Metallurgical Laboratory Basin (and associated Carolina Bay) and the 904-74G, -75G, -78G, and -80G Acid/Caustic Basins, and the Mixed Waste Management Facility under provisions of RCRA. The SRS also agreed to address the Savannah River Laboratory Seepage Basins and the new TNX Basin as outlined in the provisions of the Consent Decree.

D. Hazardous substances and pollutants or contaminants and solid wastes, hazardous wastes, and hazardous constituents within the meaning of Sections 101(14), 101(33) and 104(a)(2) of CERCLA, 42 U.S.C. §§ 9601(14), 9601(33) and 9604(a)(2), and Sections 1004(27) and 1004(5) of RCRA, 42 U.S.C. §§ 6903(27) and 6903(5) and 40 CFR Part 261, S.C. Code Ann. Section 44-56-20(6), and 25 S.C. Code Ann. R. 61-79, Section 261, have been released or disposed of at the SRS.

E. There have been releases and there continue to be releases and threatened releases of hazardous substances and pollutants or contaminants and solid wastes, hazardous wastes, and hazardous constituents from the SRS into the environment within the meaning of Sections 101(22), 104, 106, and 107 of

CERCLA, 42 U.S.C. §§ 9601(22), 9604, 9606, and 9607, and Sections 1004(27), 1004(5), and 3008(h) of RCRA, 42 U.S.C. §§ 6903(27), 6903(5), and 6928(h) and S.C. Code Ann. Section 44-56-20, and 25 S.C. Code Ann. R. 61-79, Section 261. SRS releases of source, special nuclear, and byproduct materials in compliance with legally enforceable DOE regulations or orders issued pursuant to the AEA are "federally permitted releases" as defined in Section 101(10) of CERCLA, 42 U.S.C. § 9601(10).

F. With respect to those releases and threatened releases, the DOE is a person and an owner or operator within the meaning of Sections 101(21), 101(20), and 107 of CERCLA, 42 U.S.C. §§ 9601(21), 9601(20), and 9607 and 25 S.C. Code Ann. R.61-79.260.10. The SRS is authorized to operate under Section 3005(e) of RCRA, 42 U.S.C. § 6925(e).

G. The actions to be taken pursuant to this Agreement are reasonable and necessary to protect public health or welfare or the environment; and

H. A reasonable time for completing the actions required by this Agreement will be provided.

VII. PARTIES

The Parties to this Agreement are the EPA, the SCDHEC, and the DOE. The terms of this Agreement shall apply to and be binding upon the EPA, the DOE, and the SCDHEC, their respective agents, employees, and response action contractors for the Savannah River Site and upon all subsequent owners, operators, and lessees of the DOE for the site. The DOE shall notify the EPA and the SCDHEC, in its fiscal year quarterly written progress reports, of the identity and assigned tasks of each of its contractors performing work under this Agreement upon their selection. The DOE shall take all necessary measures to assure that its contractors performing work under this Agreement act in a manner consistent with the terms of this Agreement. This Section shall not be construed as an agreement by the Parties to indemnify each other or any third party. The DOE shall notify its agents, employees, response action contractors for the site, and all subsequent owners, operators, and lessees of the SRS of the existence of this Agreement.

VIII. SITE DESCRIPTION

The DOE's Savannah River Site (SRS) is located within the western most part of south-central South Carolina near Aiken, South Carolina. The SRS incorporates approximately three hundred (300) square miles within Aiken, Allendale, and Barnwell Counties, South Carolina. Approximately twenty (20) miles of the Savannah River forms the west boundary of the SRS. All surface water on the SRS flows into the Savannah River which forms the southern border between the States of South Carolina and Georgia. Along the banks of the Savannah River is a fifteen (15) square mile wetland known as the Savannah

River Swamp. The area within and around SRS is heavily wooded and ranges from dry hilltops to swampland.

The SRS employs over twenty thousand (20,000) persons and the average population density in the area surrounding SRS ranges up to five hundred and sixty (560) people per square mile, with the largest concentration occurring approximately twenty-five (25) miles north of SRS in Augusta, Georgia which has an approximate population of two hundred and fifty thousand (250,000).

The drinking water supply serving SRS is obtained from the Savannah River and underlying groundwater. Nearby, the approximately thirty-two hundred (3200) residents of Jackson, South Carolina obtain drinking water from groundwater wells located within three (3) miles of SRS. The average annual precipitation at SRS is forty-seven (47) inches with surface run-off flowing into creeks and marsh areas which serve as tributaries to the Savannah River.

The primary mission of SRS is to produce defense materials including tritium and plutonium-239. The SRS includes nuclear reactors, a fuel and target fabrication plant, two chemical separations plants, the Defense Waste Processing Facility, the Savannah River Laboratory and other support operations.

As a result of operations, SRS generates a variety of radioactive, non-radioactive, and mixed (radioactive and hazardous) wastes. The SRS waste management practices (past and present) include the use of seepage basins for liquids, pits and piles for solids, tanks for high-level radioactive mixed wastes, and landfills for low-level radioactive wastes.

The DOE is investigating releases on the SRS under its Environmental Restoration Program and under its RCRA permit. The DOE is also closing some areas on the SRS and conducting post-closure monitoring under its RCRA permit.

IX. HIGH-LEVEL RADIOACTIVE WASTE TANK SYSTEM(S)

The provisions of this Section apply to the DOE's high-level radioactive waste tank system(s) that are listed and identified in Appendix B to this Agreement. These Appendix B tank system(s) are associated with the F- and H-Area Tank Farms. This Section establishes requirements for the prevention and mitigation of releases or potential releases at or from the high-level radioactive waste tank system(s) identified in Appendix B. The Section also establishes requirements for the remediation of tank system(s) that are removed from service. On June 30, 1987, the SRS submitted a revised RCRA Part A permit application which included the high-level radioactive waste tank system(s) identified in Appendix B. The SRS will submit applications to the SCDHEC for wastewater construction and operation permits for these tank system(s), except for tank 50 and associated ancillary equipment that is currently permitted by SCDHEC as a wastewater treatment unit. Upon issuance of

wastewater construction and operation permits, the SRS will amend its RCRA Part A to delete the tank system(s).

The SCDHEC is the designated oversight agency for purposes of review and approval of all documentation relevant to the high-level radioactive waste tank system(s) identified in Appendix B to this Agreement. Unless otherwise specified within this section, procedures for review and approval of documentation for the high-level waste tank system(s) identified in Appendix B will be as follows: (a) Submittals required of the DOE will be submitted to both SCDHEC and EPA on or before the specified due date; (b) The Parties agree that the requirements in Subsections A through D herein shall be implemented via SCDHEC's wastewater construction permit program in accordance with the State's regulation 61-67 "Preparation and Submission of Engineering Reports" unless otherwise specified in this section; and (c) The SCDHEC will receive and consider comments from the EPA on all documents submitted under the provisions of this section of the Agreement. The SCDHEC is the final decision authority on any disputes pertaining to State construction permit decisions. The EPA reserves the right to invoke dispute resolution where there is a release or substantial threat of release to the environment.

A. Structural Integrity and Secondary Containment Demonstrations for Existing High-Level Waste Tank System(s)

1. The DOE shall submit wastewater construction permit application(s) for the high-level waste tanks identified in Appendix B. The Parties agree that the permit applications must include information demonstrating: (a) the structural integrity of the existing high-level waste tank system(s) in the F- and H-Areas that do not meet the secondary containment standards of Subsection C herein; and (b) that existing high-level waste tank system(s) in the F- and H-Areas that have secondary containment systems meet the secondary containment standards of Subsection C herein.

2. The permit applications submitted under Subsection A.1 above shall include a description of past leaks and demonstrations, subject to the review and approval of SCDHEC, that each high-level waste tank system is not leaking. The permit applications submitted by DOE under A.1 shall include proposed methods and a schedule for ongoing demonstrations that these tank system(s) are not leaking. Such methods and schedule shall be complied with until such time as the waste tank system(s) is removed from service under Subsection E herein. The demonstrations submitted under Subsection A.1 above shall be in the form of a written assessment reviewed and certified by a registered professional engineer that attests to the tank system's structural integrity or, if applicable, the waste tank system's secondary containment.

3. For high-level waste tank system(s) without secondary containment, the written assessment(s) submitted under Subsection A.1 herein, shall demonstrate that the high-level waste tank systems are adequately designed and have sufficient structural strength and compatibility with the hazardous and/or radioactive substances to be stored or treated, to ensure that the waste tank system(s) will not collapse, rupture, or fail. The written

assessment(s) shall include, at a minimum, the information contained in Subsection A of Appendix B, entitled, "Standards for Integrity Assessment for Existing Tanks."

4. For high-level waste tank system(s) that have secondary containment, the written assessment(s) shall demonstrate that the high-level waste tank system(s) meet the standards contained in Subsection C of Appendix B, entitled, "Standards for Containment/Release Detection."

5. If the results of the above assessment(s) demonstrate that a waste tank system(s) is (or may be) leaking, then the DOE shall implement the provisions of Subsection D herein, for the "Disposition of Leaking Tank(s)."

B. Design/Installation of New or Replacement High-Level Waste Tank System(s)/Component(s) in the F and H Area Tank Farms

1. For each F- and H-Area high-level waste tank system(s) or component(s) installed or modified after the approval of the wastewater permit application for the F-and H-Area high-level waste tank system(s), the DOE shall prepare and submit for SCDHEC approval, a wastewater construction permit application or application for a permit modification in accordance with applicable SCDHEC regulations. Replacement of individual components with identical items meeting the secondary containment standards of Appendix B, subsection B (i.e., items that match the description in the permit and that have been previously addressed in a plan under Subsection A.1(b)) or localized repair of small sections of pipe shall not require permit modification. Replacement of components that do not meet the secondary containment standards may require permit modification.

2. (a) Except as provided in subparagraph (c) below, for each F and H Area high-level waste tank system or component installed after the effective date of this Agreement, the DOE shall prepare a written assessment, certified by a registered professional engineer, that the waste tank system or component has sufficient structural integrity and is acceptable for the storing or treating of hazardous and/or radioactive substances.

(b) For new or replacement tanks, the assessment shall be submitted by DOE and approved by SCDHEC before installation and entry into service of the tank. For new or replacement waste tank system components, the assessments shall be submitted annually. These assessments shall be submitted each year on or before March 9 of each year for all components installed during the previous year.

(c) No assessment shall be required for installation of ancillary equipment in an existing tank system where the installation of the ancillary equipment does not modify the secondary containment or structural integrity for that tank system. Such installations include, but are not limited to (a) a component that is unrelated to secondary containment, such as temperature monitoring equipment; or (b) a pump inside a tank where the tank itself provides secondary containment. Furthermore, an assessment is not required for installation of ancillary equipment where the equipment matches the

description(s) in the approved assessment(s) for that tank system, such as for routine maintenance.

3. The assessment(s) shall demonstrate that the foundation, structural support, seams, connections, and pressure controls (if applicable) are adequately designed and that the waste tank system(s) have sufficient structural strength, compatibility with the hazardous/radioactive substances to be stored or treated, and corrosion protection to ensure that the waste tank system(s) or component(s) will not collapse, rupture, or fail. At a minimum, the assessment(s) shall include the information contained in Subsection B of Appendix B herein, entitled, "Design/Installation Standards for New and Replacement Tank System(s) and Components".

C. Containment and Detection of Releases

1. In order to prevent the release of hazardous and/or radioactive substances to the environment, the DOE shall submit to the SCDHEC for review and approval, a plan to provide secondary containment for all F- and H-Area high-level waste tank system(s) or component(s) installed or replaced after the effective date of this Agreement. This plan shall be submitted as a part of the wastewater construction permit application(s) required under B.1 above.

2. The DOE shall install secondary containment system(s) that are (a) designed, installed, and operated to prevent any migration of hazardous or radioactive constituents, hazardous substances, or accumulated liquid out of the system(s) to the soil, groundwater, or surface water at any time during the use of the waste tank system(s); and (b) capable of detecting and collecting releases and accumulated liquids until the collected material is removed. The DOE's secondary containment system(s) shall meet the standards contained in Subsection C of Appendix B herein, entitled, "Standards for Containment/Release Detection".

3. The requirements of this Subsection do not apply to replacement of individual components where (a) the components are replaced with identical items (i.e. items that match the description in the permit); and (b) the design of the component being replaced has been previously addressed in a plan under this Subsection or Subsection A.1(b).

D. Disposition of Leaking Waste Tank System(s)

For a waste tank system or secondary containment system from which there is or has been a leak, the DOE shall comply with the standards contained in Subsection D of Appendix B herein, entitled, "Disposition of Leaking Tank(s)". For the purposes of this Section, a leak shall mean the escape from primary or secondary containment of any substance, including, but not limited to, sewage, industrial waste, water waste, air containment or any combination thereof in such quantity and of such characteristics and duration as may cause, or tend to cause the environment of the State of South Carolina to be contaminated, unclean, noxious, odorous, impure or degraded, or which is, or tends to be injurious to human health or welfare; or which damages property, plant, animal or marine life, or use of property. Leak detection methods may

include installed leak detection equipment and procedures, photographic or visual inspections that show liquid or accumulating dried waste, or sampling and analysis.

E. Removal of Waste Tank System(s) From Service

1. The DOE shall submit to EPA and SCDHEC for review and approval, a plan(s) and schedule(s) for the removal from service of waste tank system(s)/component(s) that do not meet the secondary containment standards of Subsection C herein, or that leak or have leaked. This plan(s) and schedule(s) shall be submitted and/or amended by DOE as follows: (a) within ninety (90) days of the effective date of this Agreement for tank system(s) or secondary containment system(s) known to leak or have leaked prior to the effective date of this Agreement that will not be repaired in accordance with Subsection D herein; (b) within ninety (90) days of discovery of leaks from tank system(s) or secondary containment system(s) not known before the effective date of this Agreement that will not be repaired in accordance with Subsection D herein; and (c) within ninety (90) days of receipt of written notification from SCDHEC of the determination that any waste tank system(s)/component(s) do not meet the secondary containment standards of Subsection C herein. After approval of the schedule by EPA and SCDHEC, DOE shall remove the tanks from service according to the approved plan(s) and schedule(s). In lieu of the requirements of E.1(c) above, DOE may submit a plan that meets the requirements of Subsection C herein to provide secondary containment for substandard tank system(s)/component(s). Subject to the applicable requirements of Appendix B, the DOE may continue to use tanks systems/components scheduled to be removed from service for receipt and storage of wastes according to the approved schedule and prior to approval of the schedule, unless SCDHEC notifies DOE in writing that specific tanks are unsuitable for continued service. Waste tanks deemed unsuitable by SCDHEC shall not receive additional waste prior to schedule approval for such receipt and only if waste receipt is approved as a part of the plan associated with such schedule.

2. The DOE's waste tank system(s) removal plan(s) shall provide for the removal or decontamination of all residues, contaminated containment system components (liners, etc.), contaminated soils and structures and equipment contaminated with hazardous and/or radioactive substances. If the DOE demonstrates that it cannot practicably remove or decontaminate soils or structures and equipment, then the DOE shall conduct all necessary response actions under Section XI through XVI of this Agreement for those waste tank system(s). The SCDHEC is the designated oversight agency for review and approval of all response action documents leading up to the Proposed Plan. The DOE must obtain written concurrence from both EPA and SCDHEC prior to publication of Proposed Plans and RODs. SCDHEC will be the designated oversight agency for review/approval of RD/CM and CA/RA documents for the high-level waste tanks identified in Appendix B to this Agreement and oversight of all associated response action field activities.

3. The DOE will submit to EPA and SCDHEC an annual report on the status of tanks being removed from service under Subsection E.1 herein. This report will include any requests, subject to review and approval, for changes to the existing plan(s) and schedule(s) approved under Subsection E.1. This annual report shall be submitted in conjunction with the assessments submitted under Subsection B.3 herein.

4. For waste tank system(s) that DOE decides to remove from service that have been issued an industrial wastewater operating permit under the PCA, the DOE shall remove such waste tank system(s) from service in accordance with the Pollution Control Act, S.C. Code Ann., Section 48-1-10, et seq. (1985) and all applicable regulations promulgated pursuant to the PCA. For any waste tank system(s) for which closure or removal from service is or has been conducted under the PCA, the DOE shall conduct Site Evaluations in accordance with Section X (Site Evaluations) of this Agreement.

5. The Parties agree that the DWPF, along with associated pre-treatment in the F-and H-Area tank farms, is an appropriate treatment method for SRS high-level wastes, including wastes generated when tanks are removed from service as required in this Subsection. The Parties recognize that schedules for removal of tanks from service may be limited by the processing schedule and rates of DWPF and by tank farm processing. Furthermore, the Parties recognize that this treatment process must also be used to treat new waste from ongoing operations at SRS. If extensions to the schedule for removing tanks from service are required due to changes in the operations schedule, these extensions shall be negotiated according to the provisions of Section XXXI (Extensions) of this Agreement.

X. SITE EVALUATION(S)

A. For those areas with potential or known releases of hazardous substances not identified before the effective date of this Agreement, the DOE agrees to: (a) provide notice to EPA and SCDHEC in accordance with Section 300.405 of the NCP and to provide notification within 15 business days of discovery for those areas for which a Removal Site Evaluation Report will be submitted; and (b) conduct removal site evaluations (SEs) in accordance with Section 300.410 of the NCP. The DOE shall submit to EPA and SCDHEC Removal Site Evaluation Reports based on such evaluations. If the removal SE indicates that removal action under Section 300.415 of the NCP is necessary, the DOE will satisfy the requirements of Section XIV (Removal Actions) of this Agreement. If the Removal SE Report indicates that remedial action under Section 300.430 of the NCP may be necessary for an area, DOE will amend the SRS Site Evaluation List of Appendix G.1 or the RCRA/CERCLA Units List of Appendix C to this Agreement to include such area.

For those areas in the SRS Site Evaluation List of Appendix G to this Agreement, the DOE agrees to conduct remedial SEs in accordance with Section 300.420 of the NCP. These evaluations will be limited to a remedial preliminary assessment as

described in Section 300.420 (b) of the NCP or portions thereof if agreed to by the parties

1. The DOE shall submit to EPA and SCDHEC Remedial Site Evaluation Reports based on such evaluations, and recommend the need for further response actions. The EPA and SCDHEC shall review and comment on the Remedial Site Evaluation Report in accordance with Section XXII (Review/Comment on Documents).

2. If DOE's recommendation is accepted, then EPA and SCDHEC will concur by written response.

3. If the EPA and SCDHEC provide comments on the Remedial Site Evaluation Report those comments shall be provided in accordance with Section XXII (Review/Comment on Documents).

4. DOE shall respond to those comments received on a Remedial Site Evaluation Report in accordance with Section XXII (Review/Comment on Documents). The final disposition of the Remedial Site Evaluation Report requires the concurrence of the three parties.

5. If the EPA and SCDHEC determine that further response action is necessary for an area, then the DOE agrees, subject to the dispute resolution procedures in Section XXVII (Resolution of Disputes), to amend Appendix C to this Agreement to include such areas and to conduct additional work at such areas under the terms of this Agreement. If the three Parties concur on a recommendation of no further response action for a Remedial Site Evaluation Report or a Removal Site Evaluation Report, the DOE agrees to amend Appendix G.2 of this Agreement to include such area. To the extent practicable, the DOE may combine the notices and SEs required by this Section of the Agreement with the information required by Module VIII of the SRS RCRA permit.

B. The DOE shall submit a Revision.0 Appendix G by October 1 of each fiscal year. The EPA and SCDHEC shall review and comment on the Revision.0 Appendix G within one hundred and twenty (120) days of receipt. The Appendix G will be revised in response to these comments, if necessary, and DOE will submit a Revision.1 Appendix G according to the requirements of Subsection G of Section XXII (Review/Comments on Documents) to this Agreement.

XI. RCRA FACILITY/REMEDIAL INVESTIGATION(S)

The DOE agrees that it shall conduct a RFI/RI(s) for the site (including any operable unit(s) at the site) which is in accordance with the timetables and deadlines set forth in Appendix D to this Agreement. For those areas in the SRS RCRA/CERCLA Units List of Appendix C to this Agreement, the RFI/RI(s) shall meet the purposes set forth in Section III (Purpose of Agreement) of this Agreement. For SWMUs for which the DOE is required to conduct a RFI pursuant to its RCRA permit, the Parties agree that the RFI and RI shall be combined into a single investigation designed to meet the requirements of both the RCRA permit and the purposes of this Agreement. For the operable unit(s) which DOE is required to conduct a RI, the Parties agree that the EPA-approved DOE RFI Program Plan meets the investigation requirements of both CERCLA and the purposes of the Agreement.

In accordance with the requirements of Section XV (Proposed Plan(s)/Record(s) of Decision) to this Agreement, DOE will, at a minimum, submit Revision.0 Proposed Plans to EPA and SCDHEC for those units listed in Appendix C to this Agreement under or requiring closure plans or post-closure permits in accordance with RCRA. If the EPA and SCDHEC determine that further response action is necessary for a unit, then the DOE agrees, subject to the dispute resolution procedures in Section XXVII (Resolution of Disputes), to conduct additional work at such unit, under the terms of this Agreement.

XII. CORRECTIVE MEASURES/FEASIBILITY STUDY(S)

The DOE agrees it shall conduct a CMS/FS(s) for the site and submit report(s) on the CMS/FS(s) for operable units in accordance with the timetables and deadlines set forth in Appendix D of this Agreement. The CMS/FS(s) shall be based on the RFI/RI(s) and shall meet the purposes set forth in Section III of this Agreement. For SWMUs for which the DOE is required to conduct a CMS pursuant to its RCRA permit, the Parties agree that the CMS and FS shall be combined into a single study designed to meet the requirements of both the RCRA permit and the purposes of this Agreement.

XIII. OPERABLE UNIT(S)

Pursuant to the published schedules and timetables, the DOE agrees to develop operable unit(s). After consultation with EPA and SCDHEC, the DOE shall submit its proposed operable unit(s) to EPA and SCDHEC. The Parties shall make a final selection of the operable units for the site. If the Parties are unable to agree upon the selection of operable units, the final selection of operable unit(s) shall be subject to dispute resolution according to the requirements of Section XXVII (Resolution of Disputes) of this Agreement. The

designation of operable unit(s) shall be reviewed and revised annually in conjunction with the preparation and submittal of Appendix C (RCRA/CERCLA Units) of this Agreement. All submittals and elements of work undertaken pursuant to this Section shall be performed in accordance with the requirements and time schedules set forth in Section XX (Timetables and Deadlines) of this Agreement. Operable unit(s) shall meet the purposes set forth in Section III (Purposes of Agreement) of this Agreement.

XIV. REMOVAL ACTIONS

A. The DOE shall designate an SRS On-Scene Coordinator (OSC) as required by Section 300.120 of the NCP. The SRS OSC shall be the point of contact between DOE, EPA, and SCDHEC for all removal actions for hazardous substances.

B. Removal actions conducted by the DOE on the SRS shall be consistent with CERCLA and the NCP. The DOE shall notify the EPA and SCDHEC in writing of any such proposed removal actions, including proposed technical specifications. The EPA and SCDHEC shall respond with any comments and/or objections within thirty (30) days of receipt of such notification. The EPA and SCDHEC may request additional time not to exceed twenty (20) days in which to respond to the notification. The DOE agrees to submit to EPA and SCDHEC an annual Removal Action Report which describes the removal actions performed during the previous fiscal year. The report shall be due on or before January 1, of each fiscal year.

C. In cases in which a release at the SRS could cause imminent and substantial endangerment to the public health or welfare or the environment, the DOE shall proceed as soon as possible with a removal action and notify EPA and SCDHEC in accordance with Section 300.125 of the NCP. A description of the emergency and the technical specifications for the removal action, including any further action needed to complete the removal action, shall be submitted in writing to EPA and SCDHEC within five (5) business days of the release.

D. Nothing in this Agreement shall alter the DOE's authority with respect to removal actions conducted pursuant to Section 104 of CERCLA, 42 U.S.C. § 9604.

XV. STATEMENT OF BASIS/PROPOSED PLAN(S)/RECORD(S) OF DECISION

Following completion and a review in accordance with Section XXII (Review/Comment on Documents) by EPA and SCDHEC of a RFI/RI Report(s) (including a RFI/RI Report for any operable unit) and the corresponding CMS/FS Report(s) (including a CMS/FS Report for any operable unit) for all or part of the

site, the DOE shall submit a Statement of Basis/Proposed Plan(s) for corrective/remedial action(s), including proposed timetables and deadlines for the submittal of the Corrective Measures Design/Remedial Design Work Plan(s) and Corrective Measures Implementation/Remedial Action Work Plan(s), to EPA and SCDHEC for review in accordance with Appendix D and Section XXII (Review/Comment on Documents) of this Agreement. The Statement of Basis/Proposed Plan(s) shall meet the purposes set forth in Section III (Purposes of Agreement) of this Agreement. Following approval by the EPA and SCDHEC pursuant to Section XXII (Review/Comment on Documents) of this Agreement, the DOE shall publish its Statement of Basis/Proposed Plan(s) for public review and comment in accordance with Section 117(a) of CERCLA, 42 U.S.C. § 9617(a), and applicable State law. The Parties agree that public notice of the Statement of Basis/Proposed Plan(s) may be issued jointly with public notices of any proposed modifications of the DOE's RCRA permit. Upon completion of the public comment period, all Parties shall consult with each other about the need for modification of the Statement of Basis/Proposed Plan(s) and additional public comment based on the public response. When public comment has been properly considered, the DOE shall submit its Revision.0 Record(s) of Decision in accordance with applicable guidance. The Revision.0 Record(s) of Decision shall meet the purposes set forth in Section III (Purposes of Agreement) of this Agreement. A review in accordance with Section XXII (Review/Comment on Documents) shall be conducted on the Revision.0 Record(s) of Decision. If the Parties agree on the Record(s) of Decision, the Record(s) of Decision shall be signed by EPA, SCDHEC and the DOE, and then the DOE shall issue the final Record(s) of Decision. If the Parties are unable to reach agreement on the Record(s) of Decision, the selection of the corrective/remedial action(s) shall be made by the Administrator of EPA, or his delegatee, and EPA shall then prepare the final Record(s) of Decision. The selection of the corrective/remedial action(s) by the Administrator of EPA shall be final and shall not be subject to dispute under Section XXVII (Resolution of Disputes). Notice of the final Record(s) of Decision shall be published by the DOE with EPA's and SCDHEC's concurrence and shall be made available to the public prior to the commencement of the corrective/remedial action(s), in accordance with Sections 117(b), (c), and (d) of CERCLA, 42 U.S.C. §§ 9617(b), (c), and (d). EPA and/or SCDHEC shall propose any modifications necessary to the corrective action provisions of the DOE's RCRA permit in conjunction with the notice of the Statement of Basis/Proposed Plan(s) and final Record(s) of Decision.

XVI. CORRECTIVE MEASURES/REMEDIAL DESIGN(S) and CORRECTIVE/REMEDIAL ACTION(S)

Following final selection of the corrective/remedial action(s), the DOE shall submit, as appropriate, a Corrective Measures Design/Remedial

Design (CMD/RD) Work Plan(s) and/or Corrective Measures Implementation/Remedial Action (CMI/RA) Work Plan(s) for the selected corrective/remedial action(s), to EPA and SCDHEC for review in accordance with Appendix D and Section XXII (Review/Comment on Documents) of this Agreement. The CMD/RD and/or CMI/RA Work Plan(s) shall meet the purposes set forth in Section III (Purposes of Agreement) of this Agreement. Upon approval of the CMD/RD Work Plan(s) and/or the CMI/RA Work Plan(s) by EPA and SCDHEC, the DOE shall implement the corrective/remedial action(s) in accordance with the then approved requirements and timetables and deadlines.

XVII. DELIVERABLES

The DOE agrees to submit to EPA and SCDHEC certain deliverables to fulfill the obligations and meet the purposes of this Agreement. A schedule for the submittal of these deliverables is shown in Appendix D to this Agreement. Deliverables which include engineering plans for construction, modification, or operation of environmental restoration facilities, or which describe corrective/remedial action(s), shall be certified by a registered professional in accordance with applicable law.

XVIII. GUIDANCE

The EPA and SCDHEC agree to provide DOE with guidance and to give a timely response to requests for guidance to assist DOE in the performance of the requirements under this Agreement.

XIX. SCOPING WORK PRIORITIES

A. The DOE agrees to use, as appropriate, the procedures set forth in Appendix F (Prioritization of Environmental Restoration Tasks). These procedures shall be used prioritize the sites listed in Appendix C (RCRA/CERCLA Units List) for RFI/RI Phase I and Phase II activities implementation. The DOE shall submit to the EPA and SCDHEC a Revision.0 Appendix C which list sites according to the priority established through the procedures set forth in Appendix F by October 1 of each fiscal year, beginning with fiscal year 1994, which will prioritize FY+2 and beyond RFI/RI activities. The EPA and SCDHEC shall review and comment on such priority listing within one hundred and twenty (120) days of receipt. The Appendix C listing will be revised in response to these comments, if necessary, and DOE will submit a Revision.1 Appendix C according to the requirements of Subsection G of Section XXII (Review/Comment on Documents). The Parties agree to finalize Appendix C in accordance with the provisions of Subsection I of Section XXII (Review /Comment on Documents) to the Agreement.

B. DOE has commitments contained in DOE RCRA permits, administrative orders and consent agreements entered into by DOE and SCDHEC. The establishment of priorities under this Agreement, shall be coordinated with the schedules and milestones for corrective action contained in such documents.

C. The DOE shall submit to EPA and SCDHEC a Revision.0 Appendix E (Long-Term Projections), which will list the projected deliverable submittal dates that correspond to work activities for FY+1 and FY+2, and ROD issuance dates for FY+3 and beyond for all sites listed in Appendix C, no later than November 15 of each fiscal year. The SCDHEC and EPA shall review and comment on the Revision.0 Appendix E no later than December 31 of that fiscal year. The DOE shall revise Appendix E, if necessary, and submit a Revision.1 Appendix E by January 31 of each fiscal year. The Parties agree to finalize Appendix E in accordance with the provisions of Subsection I of Section XXII (Review/Comment on Documents) to the Agreement. The SCDHEC and EPA agree that the long-term projections for FY+3 and beyond in Appendix E will be used by all Parties for planning purposes only and to develop an understanding of the resource needs that the implementation and oversight of the environmental restoration activities will require. Long-Term projections in Appendix E for activities planned for FY+1 and FY+2 shall be enforceable commitments under this Agreement, subject to the provisions of this Subsection and of Section XX (Timetables and Deadlines) of this Agreement.

XX. TIMETABLES AND DEADLINES

A. Commitments for FY+1 and FY+2 are contained in Appendix E to this Agreement. Enforceable timetables and deadlines for current FY commitments are contained in Appendix D to this Agreement. Appendix D shall contain timetables and deadlines from the previous FY+1 Appendix E commitments. To the extent that DOE has diligently sought but did not receive appropriation from Congress for the previous FY+1 Appendix E commitments, the current FY timetables and deadlines in Appendix D are subject to modification in accordance with Section XLIII (Modification of Agreement) and will be amended each year according to Subsection B, herein.

B. Within five (5) business days of receipt of its annual budget allotment from DOE-HQ, DOE-SR shall provide written notification to EPA and SCDHEC of such receipt. Also, within thirty (30) business days after DOE-SR receives its annual budget allotment, the DOE-SR shall submit a Revision.0 Appendix D which reflects the work activities established through the provisions of Section XIX.D (Scoping Work Priorities) which have received appropriations. EPA and SCDHEC shall review and comment on the Revision.0 Appendix D within fifteen (15) business days of receipt. Within fifteen (15) days of receipt of EPA and SCDHEC comments, DOE will revise, if necessary, the Revision.0 Appendix D and submit a Revision.1 Appendix D. The Parties agree to finalize Appendix D in accordance

with the provisions of Subsection I of Section XXII (Review/Comment on Documents) to this Agreement.

XXI. ADDITIONAL WORK

A. Except as provided in Section XXII (Review/Comment on Documents) of this Agreement, either EPA or SCDHEC may at any time request additional work, including field modifications, remedial investigatory work, or engineering evaluations, which they determine necessary to accomplish the purposes of this Agreement. Such requests shall be in writing to the DOE, with copies to the other Parties. The DOE agrees to give full consideration to all such requests. The DOE may either accept or reject any such requests and shall do so in writing, together with a statement of reasons, within forty-five (45) days of receipt of any such requests. If there is no agreement concerning whether or not the requested additional work or modification to work should be conducted, then dispute resolution may be invoked only at the time of review of the subsequent corresponding primary document, in accordance with the procedures set forth in Section XXII (Review/Comment on Documents) of this Agreement.

B. Should additional work be required pursuant to this Section, the appropriate work plan shall be amended and proposed by the DOE for review and approval by the EPA and SCDHEC. Appendix D to this Agreement shall be modified if necessary in accordance with Section XLIII (Modification of Agreement) of this Agreement.

C. The discovery of previously unknown sites, releases of hazardous substances, contamination, or other significant new site conditions may be addressed as additional work under this Section.

D. Any additional work or modifications to work proposed by DOE shall be proposed in writing to the other Parties and shall be subject to review in a primary document (or modification to an existing primary document) in accordance with Section XXII (Review/ Comment on Documents) of this Agreement. The DOE shall not initiate such work prior to review and approval by EPA and SCDHEC, except for emergency removal actions taken under Subsection XIV.B.

E. Any additional work or modification to work agreed to required under this Section, shall be completed in accordance with the standards, specifications, and schedules determined or approved by EPA and SCDHEC and shall be governed by the provisions of this Agreement.

XXII. REVIEW/COMMENT ON DOCUMENTS

A. Applicability:

The provisions of this Section establish the procedures that shall be used by the DOE, EPA, and SCDHEC to provide the Parties with appropriate notice, review, comment, and response to comments regarding RFI/RI and CMS/FS,

and CM/RD and CA/RA documents, specified herein as either primary or secondary documents. In accordance with Section 120 of CERCLA, 42 U.S.C. § 9620, and 10 U.S.C. § 2705, the DOE shall be responsible for issuing primary and secondary documents to EPA and SCDHEC. As of the effective date of this Agreement, all documents for any deliverable document identified herein shall be prepared and distributed in accordance with Subsections B through J below.

The designation of a document as "Revison.0" or "Revision.1" is solely for purposes of consultation with EPA and SCDHEC in accordance with this Section. Such designation does not affect the obligation of the Parties to issue documents, which may be either primary or secondary documents. In accordance with Section 120 of CERCLA, 42 U.S.C. § 9620, and 10 U.S.C. § 2705, the DOE shall be responsible for issuing primary and secondary documents to EPA and SCDHEC. Such designation does not affect the obligation of the Parties to issue documents to the public for review and comment as appropriate and as required by law.

B. General Process for RFI/RI and CMS/FS, and CM/RD and CA/RA Documents:

1. Primary documents include those documents identified in Subsection C.1 herein, for each operable unit at the site. Primary documents are initially issued by the DOE as Revision.0 subject to review and comment by EPA and SCDHEC. Following receipt of comments on a particular primary document, the DOE will respond to comments received and issue a Revision.1 primary document subject to dispute resolution. The Revision.1 primary document will become the final primary document either after the period established for review of a Revision.1 document if dispute resolution is not invoked or as modified by decision of the dispute resolution process.

2. Secondary documents typically include those documents that are discrete portions of the primary documents and are typically feeder documents. Secondary documents are issued by the DOE as Revision.0 subject to review and comment by EPA and SCDHEC. Although the DOE will respond to comments received, the secondary documents may be finalized in the context of the corresponding primary documents. A secondary document may be disputed at the time the corresponding primary document is submitted.

3. The Parties agree that plans and reports prepared by the DOE for SWMUs subject to the corrective action requirements of its RCRA permit, as well as the reviews of such plans and reports by EPA and SCDHEC, shall be combined into a single document designed to meet the requirements of both the RCRA permit and this Agreement.

C. Primary Documents:

1. The DOE shall complete and submit documents for the following primary documents to EPA and SCDHEC for review and comment in accordance with the provisions of this Section:

a. Community Relations Plan (CRP);

b. RFI/RI Work Plan(s);
c. RFI/RI Report(s);
d. Baseline Risk Assessment Report(s);
e. CMS/FS Report(s);
f. Statement of Basis/Proposed Plan(s);
g. Record(s) of Decision;
h. Corrective Measures Design/Remedial Design Work Plan(s);
i. Corrective Measures Design/Remedial Design Report(s);
j. Corrective Measures Implementation/Remedial Action Work Plan(s);
k. Post-Construction Report(s); and
l. Final Remediation Report(s).

2. The documents h. through l., listed in Subsection C, herein, will be submitted, as appropriate for each remedial action and may be submitted in phased packages when necessary to expedite construction work under this Agreement. In such cases, the Record(s) of Decision shall describe the phased submittals which shall be considered primary documents for purposes of Section XLVII (Stipulated Penalties) under this Agreement.

3. Only the Revision.1 documents for the primary documents identified above shall be subject to dispute resolution. The DOE shall complete and submit primary documents in accordance with Section XX (Timetables and Deadlines) of this Agreement.

D. Secondary Documents:

1. The DOE shall complete and submit secondary documents to EPA and SCDHEC for review and comment in accordance with the provisions of this Section. The following list contains examples of secondary documents:

a. Fiscal Year Progress Report;
b. Annual Waste Tank Removal Plan;
c. Tank Assessment Report(s);
d. Site Evaluation Report(s);
e. Preliminary Characterization Summary Report(s);
f. Preliminary Risk Assessment Report(s);
g. Treatability Study Report(s);
h. Sampling and Analysis Plan;
i. Field Sampling Plan;
j. Quality Assurance Project Plan;
k. Health and Safety Plan;
l. Sampling and Analysis Results;
m. Chain of Custody Forms;
n. Request for Analysis Forms;
o. Computer Models and Technical Databases;
p. Minutes of Public Meetings;

q. Public Meeting Transcripts;
r. Administrative Record Index;
s. Results of CRP Community Interviews;
t. News Releases; and
u. Responsiveness Summary(s).

2. Although EPA and SCDHEC may comment on the secondary documents, such documents shall not be subject to dispute resolution except as provided by Subsection B hereof. Secondary documents shall be identified and target dates for the completion and submission of secondary documents shall be established within primary documents pursuant to Section XX (Timetables and Deadlines) of this Agreement.

E. Meetings of Project Managers:

The Project Managers shall meet approximately every forty-five (45) days, except as otherwise agreed by the Parties, to review and discuss the progress of work being performed at SRS on the primary and secondary documents. Prior to preparing any document specified in Subsections C and D above, the Parties shall confer to discuss the document results in an effort to reach a common understanding.

F. Identification and Determination of Potential ARARs:

1. For those primary documents or secondary documents that consist of or include ARAR determinations, prior to DOE's issuance of a document, the Parties shall confer to identify and propose, to the best of their ability, all potential ARARs pertinent to the document being addressed. ARARs determinations shall be prepared by the DOE in accordance with Section 121(d)(2) of CERCLA, 42 U.S.C. § 9621(d)(2), the NCP, and pertinent guidance issued by EPA not inconsistent with CERCLA.

2. In identifying the potential ARARs listed in Appendix A, the Parties recognize that actual ARARs can be identified only on an operable unit-specific basis and that ARARs depend upon the specific hazardous substances, pollutants or contaminants at a site, the particular actions proposed as a remedy and the characteristics of a operable unit. The Parties recognize that ARARs identification is necessarily an iterative process and that potential ARARs must be re-examined throughout the RFI/RI and CMS/FS processes until the CA/RA(s) is implemented.

G. Review and Comment on Documents:

1. The DOE shall complete and submit each primary document to EPA and SCDHEC on or before the corresponding deadline established for the submittal of the documents established pursuant to Section XX (Timetables and Deadlines) of this Agreement. The Parties agree that DOE may submit Revision.0 documents requiring certification under 40 CFR 270.11 without said certification. Upon the approval of the Revision.0 of the submittal of the Revision.1 document, the DOE shall provide the certification as required under 40 CFR 270.11. The DOE shall complete and submit the secondary documents in accordance with the target

dates established for the issuance of such documents according to the approved schedules within the appropriate Work Plan(s).

2. Unless the Parties mutually agree to another time period, all Revision.0 documents shall be subject to the document-specific period for review and comment as provided in Appendix I of this Agreement. All secondary documents shall be subject to a one hundred and twenty day (120) period for review and comment. Review of any document by the EPA and SCDHEC may concern all aspects of the document (including its completeness) and should include, but is not limited to, technical evaluation of any aspect of the document and consistency with CERCLA, the NCP and any pertinent guidance or policy promulgated by the EPA or SCDHEC. Comments by the EPA and SCDHEC shall be provided with adequate specificity so that the DOE may respond to the comment and, if appropriate, make changes to the document. Comments shall refer to any pertinent sources of authority or references upon which the comments are based, and, upon request of the DOE, the EPA, and SCDHEC shall provide a copy of the cited authority or reference. In cases involving complex or unusually lengthy documents, EPA and SCDHEC may extend the comment period for an additional thirty (30) days by written notice to the DOE prior to the end of the comment period. On or before the close of the comment period, the EPA and SCDHEC shall submit its written comments to the DOE.

3. Representatives of the DOE shall make themselves readily available to the EPA and SCDHEC during the comment period for purposes of informally responding to questions and comments on documents. Oral comments made during such discussions need not be the subject of a written response by the DOE at the close of the comment period.

4. In commenting upon a document which contains a proposed ARAR determination, EPA or SCDHEC shall include a reasoned statement of whether it objects to any portion of the proposed ARAR determination. To the extent that the EPA and/or SCDHEC objects, it shall explain the bases for its objection in detail and shall identify any ARARs which it believes were not properly addressed in the proposed ARAR determination.

5. Following the close of the review/comment period for a document, the DOE shall give full consideration to all EPA and SCDHEC written comments on the document submitted during the comment period. Within ninety (90) days of the receipt of comments on a secondary document, the DOE shall submit to EPA and SCDHEC its written response to comments received within the comment period. The period for revision a Revision.0 primary document will begin on the last date that comments are received from either EPA or SCDHEC. The DOE shall submit to EPA and SCDHEC the Revision.1 primary document and a response to comments within the period established under Appendix I of the Agreement.

6. The DOE may extend the review period established under Appendix I for either responding to comments on a document or for submitting the

Revision.1 primary document, for an additional thirty (30) days by providing written notice to EPA and SCDHEC. In extenuating circumstances, this time period may be further extended in accordance with Section XXXI (Extensions) of this Agreement.

H. Availability of Dispute Resolution for Revision.1 Primary Documents:

1. Dispute resolution shall be available to the Parties for Revision.1 primary documents as set forth in Section XXVII (Resolution of Disputes).

2. When dispute resolution is invoked on a primary document, work may be stopped in accordance with the procedures set forth in Section XXVII (Resolution of Disputes).

I. Finalization of Documents:

The Revision.1 primary document shall become the final primary document upon EPA and SCDHEC written concurrence or, if dispute resolution is invoked, at completion of the dispute resolution process should the DOE's position be sustained. If the DOE's determination is not sustained in the dispute resolution process, the DOE shall prepare, within sixty (60) days, a revision of the document which conforms to the results of dispute resolution. In appropriate circumstances, the time period for this revision period may be extended in accordance with Section XXXI (Extensions) of this Agreement.

J. Subsequent Modifications of Final Documents:

Following finalization of any primary document pursuant to Subsection I above, the EPA, SCDHEC, or the DOE may seek to modify the document, including seeking additional field work, pilot studies, computer modeling or other supporting technical work, only as provided in Subsections J.1 and 2, below.

1. The EPA, SCDHEC, or the DOE may seek to modify a document after finalization if it determines, based on new information (i. e., information that became available, or conditions that became known, after the document was finalized) that the requested modification is necessary. Any Party seeking modification may seek such a modification by submitting a concise written request to the Project Manager of the other Parties. The request shall specify the nature of the requested modification and how the request is based on new information.

2. In the event that a consensus is not reached by the Project Managers on the need for a modification, any of the Parties may invoke dispute resolution to determine if such modification shall be conducted. Modification of a document shall be required only upon a showing that: (1) the requested modification is based on new information, and (2) the requested modification could be of significant assistance in evaluating impacts on the public health or the environment, in evaluating the selection of remedial alternatives, or in protecting human health and the environment.

3. Nothing in this Subsection shall alter either EPA's or SCDHEC's ability to request the performance of additional work pursuant to Section XXI (Additional Work) of this Agreement which does not constitute modification of a final document.

XXIII. PERMITS

A. The Parties recognize that the requirement to obtain permits for response actions undertaken pursuant to this Agreement shall be as provided for in Section 121(e)(1) of CERCLA and the NCP. The Parties further recognize that the SRS may be subject to or be required to obtain additional permits under Federal and State laws. This Agreement does not relieve the DOE of its obligations to obtain such permits. This Agreement does not supersede, modify, or otherwise change either State or Federal enforcement actions.

B. If a permit which is necessary for implementation of this Agreement is not issued, or is issued or renewed in a manner which is materially inconsistent with the requirements of this Agreement or, by no fault of DOE, is not issued in time for DOE to comply with the terms of this Agreement, the DOE agrees it shall notify the Commissioner of the SCDHEC and the Regional Administrator of EPA of its intention to propose modifications to this Agreement (or modifications to primary or secondary documents required by this Agreement) to obtain conformance with the permit (or lack thereof). Notifications by the DOE of its intention to propose modifications shall be submitted within seven (7) business days of receipt by the DOE of notification that: (1) a permit will not be issued; (2) a permit has been issued or reissued; or (3) a final determination with respect to any appeal related to the issuance of a permit has been entered. DOE may also propose modifications within seven (7) days after the date that a permit is needed by DOE when that permit has not been issued. Within thirty (30) days from the date it submits its notice of intention to propose modifications, the DOE shall submit to the Commissioner of the SCDHEC and the Regional Administrator of EPA its proposed modifications to this Agreement with an explanation of its reasons in support thereof.

C. During any appeal of any permit required to implement this Agreement or during review of any of the DOE's proposed modifications as provided in Subsection A, above, the DOE shall continue to implement those portions of this Agreement which can be implemented pending final resolution of the permit issue(s).

XXIV. CREATION OF DANGER

A. In the event that the Commissioner of the SCDHEC or the Regional Administrator of EPA determines that activities conducted pursuant to this Agreement may present an imminent and substantial endangerment to the

health or welfare of the people on the site or in the surrounding areas or to the environment, the Commissioner of the SCDHEC or the Regional Administrator of EPA may order the DOE to stop any work being implemented under this Agreement for such period of time as needed to abate the danger or may require the DOE to take necessary action to abate the danger or both. In the event that the DOE determines that any on-site activities or work being implemented under this Agreement may create an immediate threat to human health or the environment from the release or threat of release of a hazardous substance, pollutant or contaminant, it may stop any work or on-site activities for such period of time as needed to abate the danger. In the event the DOE makes a determination to stop work under this Section, it shall immediately notify the EPA and SCDHEC. The DOE shall submit a written summary of events to EPA and SCDHEC within five (5) days of making a determination under this Section.

B. The EPA and SCDHEC agree to develop for DOE's approval a site health and safety plan for EPA and SCDHEC activities on the SRS. This plan shall address DOE and SRS health and safety orders and shall include procedures for stopping work or taking actions necessary to meet DOE and SRS health and safety requirements.

XXV. REPORTING

The DOE agrees that it shall submit to the Commissioner of the SCDHEC and the Regional Administrator of EPA, fiscal year written progress reports which describe the actions which the DOE has taken during the previous fiscal year to implement the requirements of this Agreement. Progress reports shall be due on or before December 1 of each fiscal year. The progress reports shall include a statement of the manner and extent to which the requirements and time schedules set out in the Appendices D and E to this Agreement are being met. In addition, the progress reports shall identify any anticipated delays in meeting time schedules, the reason(s) for the delay and actions taken to prevent or mitigate the delay.

XXVI. NOTIFICATION

A. Unless otherwise specified, any report or submittal provided pursuant to a schedule or deadline identified in or developed under this Agreement shall be sent by certified mail, return receipt requested, or similar method (including electronic transmission) which provides a written record of the sending and receiving dates, and addressed or hand delivered to the following persons:

U. S. Environmental Protection Agency, Region IV
Waste Management Division
Remedial Project Manager: Savannah River Site

345 Courtland Street, N. E.
Atlanta, Georgia 30365

South Carolina Department of Health and Environmental Control
Bureau of Solid and Hazardous Waste Management
Manager, Savannah River Site - Federal Facility Agreement Section
2600 Bull Street
Columbia, South Carolina 29201

U. S. Department of Energy
Savannah River Operations Office
Savannah River Site
Environmental Restoration Division
Post Office Box A
Aiken, South Carolina 29802

Copies of all correspondence shall be provided by the originator to all Parties. Unless otherwise specified or requested, all routine correspondence may be sent via regular mail or electronically transmitted to the above persons.

XXVII. RESOLUTION OF DISPUTES

Except as specifically set forth elsewhere in this document, if a dispute arises under this Agreement, the procedures of this Section shall apply. All Parties to this Agreement shall make reasonable efforts to resolve informally, disputes at the Project Manager or immediate supervisor level. If resolution cannot be achieved informally, then the procedures of this Part shall be implemented to resolve a dispute.

A. Within thirty (30) days after: (1) the period established for review of a primary document pursuant to Section XXII (Review/Comment on Documents) of this Agreement, or (2) any action which leads to or generates a dispute (including a failure of the informal dispute resolution process), the disputing Party shall submit to the other Parties a written statement of dispute setting forth the nature of the dispute, the work affected by the dispute, the disputing Party's position with respect to the dispute, and the information the disputing Party is relying upon to support its position.

B. Prior to any Party's issuance of a written statement of dispute, the disputing Party shall engage the other Parties in informal dispute resolution among the Project Managers and/or their immediate supervisors. During the informal dispute resolution process, the Parties shall meet as many times as are necessary to discuss and attempt resolution of the dispute.

C. If agreement cannot be reached on any issue during the informal dispute resolution process, the disputing Party shall forward the written statement

of dispute to the Dispute Resolution Committee (DRC), thereby elevating the dispute to the DRC for resolution.

D. The DRC will serve as a forum for resolution of disputes for which agreement has not been reached through informal dispute resolution. The Parties shall each designate one individual and an alternate to serve on the DRC. The individuals designated to serve on the DRC shall be employed at the policy level (Senior Executive Service or equivalent). The EPA designated member on the DRC is the Waste Management Division (WMD) Director of EPA's Region IV. The DOE's designated member is the Assistant Manager for Environmental Quality, Savannah River Operations Office. The SCDHEC designated member is the Chief of the Bureau of Solid and Hazardous Waste Management.

E. Following elevation of a dispute to the DRC, the DRC shall have twenty-eight (28) days to unanimously resolve the dispute and issue a written decision. If the DRC is unable to unanimously resolve the dispute within this twenty-eight (28) day period the written statement of dispute shall be forwarded to the Senior Executive Committee (SEC) for resolution.

F. The SEC will serve as the forum for resolution of disputes for which agreement has not been reached by the DRC. The EPA representative on the SEC is the Regional Administrator of EPA's Region IV. The DOE representative on the SEC is the Manager, Savannah River Operations Office. The SCDHEC representative on the SEC is the Deputy Commissioner for Environmental Quality Control. The SEC members shall, as appropriate, confer, meet, and exert their best efforts to resolve the dispute and issue a written decision. If unanimous resolution of the dispute is not reached within twenty-eight (28) days, EPA's Regional Administrator shall issue a written position on the dispute. The DOE or SCDHEC may, within twenty-eight (28) days of the Regional Administrator's issuance of EPA's position, issue a written notice elevating the dispute to the Administrator of EPA for resolution in accordance with all applicable laws and procedures. In the event that neither the DOE nor the SCDHEC elect to elevate the dispute to the EPA Administrator within the designated twenty-eight (28) day elevation period, the DOE and the SCDHEC shall be deemed to have agreed with the Regional Administrator's written position with respect to the dispute.

G. Upon elevation of a dispute to the EPA Administrator pursuant to Subsection F, the Administrator will review and resolve the dispute within twenty-eight (28) days. Upon request, and prior to resolving the dispute, the Administrator shall meet and confer with any of the following Parties; the Secretary of the DOE, the Commissioner of the SCDHEC to discuss the issue(s) under dispute. Upon resolution, the Administrator shall provide all Parties with a written final decision setting forth resolution of the dispute. The duties of the Administrator set forth in this Subsection shall not be delegated.

H. The pendency of any dispute under this Section shall not affect the DOE's responsibility for timely performance of the work required by this Agreement, except that the time period for completion of work affected by such

dispute shall be extended for a period of time usually not to exceed the actual time taken to resolve any good faith dispute in accordance with the procedures specified herein. All elements of the work required by this Agreement which are not affected by the dispute shall continue and be completed in accordance with the applicable schedule.

I. When dispute resolution is in progress, work affected by the dispute will immediately be discontinued if the Waste Management Division Director for EPA's Region IV requests, in writing, that work related to the dispute be stopped because, in EPA's opinion, such work is inadequate or defective, and such inadequacy or defect is likely to yield an adverse effect on human health or the environment, or is likely to have a substantial adverse effect on the remedy selection or implementation process. To the extent possible, EPA shall give DOE prior notification that a work stoppage request is forthcoming. After stoppage of work, if DOE believes that the work stoppage is inappropriate or may have potential significant adverse impacts, then the DOE may meet with the WMD to discuss the work stoppage. The final written decision of the WMD will be submitted to DOE within fifteen (15) days and may be subjected to formal dispute resolution immediately. Such dispute may be brought directly to either the DRC or the SEC, at the discretion of the DOE or the SCDHEC.

J. Within thirty-five (35) days of resolution of a dispute pursuant to the procedures specified in this Section, the DOE shall incorporate the resolution and final determination into the appropriate plan, schedule or procedures and proceed to implement this Agreement according to the amended plan, schedule or procedures.

K. Resolution of a dispute pursuant to this Section of this Agreement constitutes a final resolution of said dispute. All Parties shall abide by all terms and conditions of any final resolution of dispute obtained pursuant to this Section of this Agreement. Any final resolution of a dispute pursuant to this Agreement shall be incorporated into this Agreement and shall become a term and condition of this Agreement.

L. Resolution of disputes may include a determination of the length of any time extensions which are necessary.

M. Pursuant to this Section, all or a portion of a dispute may be elevated.

N. Authorities set forth to members of the DRC or SEC may be delegated only to those persons acting for the designated member during a designated member's absence.

O. Resolution of disputes under this Section may be accelerated as provided in Section XLIV (Covenant Not to Sue/Reservation of Rights) of this Agreement.

XXVIII. DESIGNATED PROJECT MANAGERS

A. The EPA, DOE, and the SCDHEC will each designate Project Managers to coordinate the implementation of this Agreement and shall notify each other in writing of the designation. Each Party may change its designated Project Manager by notifying the other Parties in writing.

B. To the maximum extent possible, communications between the EPA, DOE, and the SCDHEC and all documents, including reports, agreements, and other correspondence, concerning the activities performed pursuant to the terms and conditions of this Agreement, shall be directed through the Project Managers. Each Project Manager shall be responsible for assuring the internal dissemination and processing of all communications and documents received from the other Project Managers.

XXIX. QUALITY ASSURANCE/SAMPLING AVAILABILITY/DATA MANAGEMENT

A. The Parties shall make available to each other, upon request, results of sampling, tests, or other data generated by this Agreement. All quality-assured data from all samples reported on shall be available no later than ninety (90) days after the end of the quarter in which the analyses have been received and validated.

B. At the request of the EPA or the SCDHEC Project Manager, the DOE shall allow split or duplicate samples to be taken by EPA or SCDHEC during sample collection conducted pursuant to this Agreement. Upon request by DOE, EPA and SCDHEC shall submit to DOE copies of records, and other documents, including sampling and monitoring data, that are relevant to oversight activities. All requirements of the AEA, 42 U.S.C. § 2011, et seq., and all Executive Orders concerning the handling of unclassified controlled nuclear information, restricted data, and national security information, including "need to know" requirements, shall be applicable to any grant of access to classified information, including sample collection, under the provisions of this Agreement.

C. The Parties intend to integrate all data and release characterization studies generated pursuant to this Agreement with all that generated pursuant to the RFA/RFI being conducted pursuant to the corrective action requirements contained in DOE's RCRA permit for the SRS. All data and studies produced under this Agreement shall be managed and presented in accordance with the requirements contained in a Data Management Plan to be developed by the Parties and appended to this Agreement after the effective date of this Agreement. The DOE shall maintain data base(s) for the site which includes all data and studies generated pursuant to this Agreement. Such data base(s) will be operational within six (6) months after the effective date of this Agreement. These data base(s) may be maintained in electronic form provided however, that

hard copies of all data/studies and related documents are made available upon request.

XXX. ACCESS/DATA/DOCUMENT AVAILABILITY

A. The EPA and SCDHEC will be permitted to enter the site at times previously arranged and coordinated for the purpose of inspecting records, logs, and other documents relevant to implementation of this Agreement; reviewing the progress of the DOE, its contractors, and lessees in carrying out the activities under this Agreement; conducting, with prior notice to the DOE, tests which EPA or SCDHEC deem necessary; and verifying data submitted to EPA and SCDHEC by DOE. The DOE shall honor all reasonable requests for access to the site made by EPA or SCDHEC. When on-site, the EPA and SCDHEC shall comply with OSHA Hazardous Waste Operations and Emergency Response rules where applicable and DOE site health and safety requirements. The EPA and SCDHEC access shall be subject to the applicable requirements of the AEA, 42 U.S.C. § 2011, et seq., and Executive Orders concerning the handling of unclassified controlled nuclear information, restricted data, and national security information. Upon request by EPA or SCDHEC, the DOE shall submit to EPA and SCDHEC copies of records, and other documents, including sampling and monitoring data, that are relevant to oversight activities.

B. To the extent that activities pursuant to this Agreement must be carried out on property other than SRS property, the DOE agrees to use its best efforts, including exercising its authority, if necessary, to obtain access pursuant to Section 104(e) of CERCLA, 42 U.S.C. § 9604(e), from the present owners and/or lessees. The DOE shall use it best efforts to obtain access agreements which shall provide reasonable access for DOE, EPA, and SCDHEC and their representatives, and other appropriate state regulatory agencies.

C. The DOE shall use its best efforts to obtain written access agreements with respect to non-DOE property upon which pumping wells, treatment facilities, or other facilities may be located to carry out response actions under this Agreement. In the event DOE is unable to obtain access within sixty (60) days after the access is sought, the DOE shall promptly notify EPA and the SCDHEC regarding both the lack of access and the efforts undertaken to obtain such access. If appropriate, the DOE shall submit proposed modification(s) to this Agreement to EPA and SCDHEC in response to such inability to obtain access.

D. Information, records, or other documents produced under the terms of this Agreement by EPA, DOE, and SCDHEC shall be available to the public except (a) those identified to EPA or SCDHEC by DOE as classified, or unclassified but controlled, within the meaning of and in conformance with the AEA or (b) those that could otherwise be withheld pursuant to the Freedom of Information Act or the Privacy Act, unless expressly authorized for release by the originating agency. Documents or information so identified shall be handled in

accordance with those regulations. If the document is final and no confidentiality claim accompanies information which is submitted to any Party, then the information may be made available to the public without further notice to the originating Party.

E. Notwithstanding any provisions of this Agreement, all requirements of the AEA, as amended, and all Executive Orders concerning the handling of unclassified controlled nuclear information, restricted data and national security information, including "need to know" requirements, shall be applicable to any access to information or facilities covered under the provisions of this Agreement. The EPA and SCDHEC reserve their right to seek to otherwise obtain access to such information or facilities in accordance with applicable law.

XXXI. EXTENSIONS

A. Either a timetable and deadline or a schedule, including schedules within a work plan shall be extended upon receipt of a timely request for extension and when good cause exists for the requested extension. If an extension due to good cause affects any enforceable deadline in Appendix D, the Agreement shall be modified according to Section XLIII (Modifications of Agreement). Any request for an extension shall be made prior to the deadline or scheduled or deliverable date to EPA, SCDHEC, or DOE, as appropriate, either in writing or orally with a written follow-up request within ten (10) business days. Any oral or written request shall be provided to the other Parties pursuant to Section XXVI (Notification). The written request shall specify:

1. The timetable and deadline or the schedule that is sought to be extended;
2. The length of the extension sought;
3. The good cause(s) for the extension; and
4. Any related timetable and deadline or schedule that would be affected if the extension were granted.

B. Good cause exists for an extension when sought in regard to:

1. An event of force majeure;
2. A delay caused by another Party's failure to meet any requirement of this Agreement;
3. A delay caused by the good faith invocation of dispute resolution or the initiation of judicial action;
4. A delay caused, or which is likely to be caused, by the grant of an extension in regard to another timetable and deadline or schedule;
5. A delay caused by additional work agreed to by the Parties; and
6. Any other event or series of events, including but not limited to new technical information or technological barriers mutually agreed to by the Parties as constituting good cause.

C. Absent agreement of the Parties with respect to the existence of good cause, the Parties may seek and obtain a determination through the dispute resolution process whether or not good cause exists.

D. For extension requests by DOE, the EPA, and SCDHEC will follow the following procedures:

1. Within fourteen (14) business days of receipt of a written request for an extension of a timetable and deadline or a schedule, the EPA and SCDHEC shall advise all Parties in writing of their respective positions on the request. Any failure by EPA or SCDHEC to respond within the 14-day period shall be deemed to constitute concurrence with the requested extension. If either EPA or SCDHEC does not concur with the requested extension, it shall include in its statement of nonconcurrence an explanation of the basis for its position.

2. If there is consensus among all Parties that the requested extension is warranted, then DOE shall extend the affected timetable and deadline or schedule accordingly. If there is no consensus among the Parties as to whether all or part of the requested extension is warranted, the timetable and deadline or schedule shall not be extended except in accordance with a determination resulting from the dispute resolution process.

3. Within fourteen (14) business days of receipt of a statement of nonconcurrence with the requested extension, the DOE may invoke dispute resolution. If DOE does not invoke dispute resolution within fourteen (14) business days of receipt of a statement of nonconcurrence, then DOE accepts EPA's or SCDHEC's nonconcurrence and the existing schedule.

4. A timely and good faith request for an extension shall toll any assessment of stipulated penalties or application for judicial enforcement of the affected timetable and deadline or schedule until a decision is reached on whether the requested extension will be approved. If dispute resolution is invoked and the requested extension is denied because it was not brought in good faith, stipulated penalties may be assessed and may accrue from the date of the original timetable, deadline, or schedule. Following the grant of an extension, an assessment of stipulated penalties, as defined in Section XLVII (Stipulated Penalties), or an application for judicial enforcement may be sought only to compel compliance with the timetable and deadline or schedule as most recently extended.

E. For extension requests by EPA and the SCDHEC, if no Party invokes dispute resolution within fourteen (14) business days after written notice of the requested extension, the extension shall be deemed approved.

XXXII. FIVE YEAR REVIEW

Consistent with Section 121(c) of CERCLA, 42 U.S.C. § 9621(c), and in accordance with this Agreement, the DOE agrees that if the remedial action(s) selected results in hazardous substances, pollutants or contaminants remaining at the site, the EPA and SCDHEC will review the remedial action(s) no less often that

once every five (5) years after the initiation of the final remedial action(s) to assure that human health and the environment are being protected by the remedial action(s) being implemented. If, upon such review, it is the judgment of EPA or SCDHEC that additional action or modification of a remedial action is appropriate in accordance with Sections 104, 106 or 120 of CERCLA, 42 U.S.C. §§ 9604, 9606 or 9620 then EPA or SCDHEC shall require DOE to submit a proposal to implement such additional or modified action(s), which shall be subject to review and approval by EPA and SCDHEC.

Any dispute under this Section shall be resolved under Section XXVII (Resolution of Disputes) of this Agreement.

XXXIII. RETENTION OF RECORDS

The DOE shall preserve, during the duration of this Agreement and for a minimum of ten (10) years after the termination and satisfaction of this Agreement, the complete Administrative Record, post-Record of Decision primary and secondary documents and reports. After this ten (10) year period, the DOE shall notify EPA and SCDHEC at least ninety (90) days prior to the destruction of any such records or documents. Upon request by EPA or SCDHEC, the DOE shall make available any such records or copies of such records.

XXXIV. ADMINISTRATIVE RECORD

A. The DOE shall establish and maintain an Administrative Record for the site. A complete copy of the Administrative Record shall be available to the public at the DOE reading room in Aiken, South Carolina. In addition, copies of the current index to the Administrative Record and selected documents from the Administrative Record shall be available at other locations.

B. The selection of each response action shall be based on the Administrative Record, in accordance with Section 113(k) of CERCLA, 42 U.S.C. § 9613(k), any regulations promulgated pursuant to that Section and any applicable guidance. A copy of each Administrative Record or a complete index of each Administrative Record shall be maintained at EPA's Region IV office, currently at 345 Courtland Street, N. E., Atlanta, Georgia, 30365.

C. Upon request by EPA or SCDHEC, the DOE shall provide copies of documents generated or possessed by DOE that are included in the Administrative Record to the requesting Party. The EPA and SCDHEC shall provide DOE with copies of documents generated by each agency which should be included within the Administrative Record.

D. Upon establishment of an Administrative Record, the DOE shall provide EPA and SCDHEC with an index of the Administrative Record. The index shall identify the documents which will comprise the Administrative Record for each decision document for each particular response action.

E. The DOE shall provide to EPA and SCDHEC, in its fiscal year written progress reports, a periodic update of the indices of the Administrative Records and/or Administrative Record Files that includes any changes or additions to the Record. The Project Managers shall review the Administrative Record Indices and the Administrative Record File Indices to ensure that the Administrative Records and Administrative Record Files are current and complete.

F. The EPA shall provide the DOE with guidance on establishing and maintaining the Administrative Record as the guidance is developed.

XXXV. PUBLIC PARTICIPATION

A. The Parties agree that work conducted under this Agreement and any subsequently proposed remedial action alternative(s) and subsequent plan(s) for remedial action at the site arising out of this Agreement shall comply with the public participation requirements of CERCLA, including Section 117 of CERCLA, 42 U.S.C. § 9617, the NCP, RCRA (as applicable), all applicable guidance developed by EPA, and all applicable State laws. This shall be achieved through implementation of the approved Community Relations Plan prepared and implemented by DOE. When appropriate, the Parties intend to coordinate public participation activities under this Agreement with those required under other State and Federal environmental laws (including RCRA) regulating activities at the SRS that are not covered by this Agreement.

B. Excluding imminent hazard situations, any Party issuing an official news release to any publication with reference to any of the work required by this Agreement shall advise the other Parties of such news release and the contents thereof at least two (2) business days before the issuance of such news release.

C. Nothing in this Agreement shall be construed to preclude any Party from responding to public inquiries at any time.

XXXVI. RECOVERY OF EXPENSES

A. EPA Resources

EPA shall take all necessary steps and make efforts to obtain timely funding to meet its obligations under this Agreement. Notwithstanding any other provision of this Agreement, in the event that EPA determines that sufficient funds have not been appropriated to meet any post fiscal year 1991 commitments established by this Agreement, EPA may terminate this Agreement by written notice to DOE and SCDHEC.

B. Reimbursement of SCDHEC Expenses

1. The DOE agrees to reimburse the State for all costs incurred by the State specifically related to the implementation of this Agreement at the SRS and not inconsistent with the NCP.

2. A separate funding agreement between the DOE and the State will be executed within ninety (90) days after the Parties execute this Agreement. The separate funding agreement shall be the specific mechanism for the transfer of funds between the DOE and the State and shall provide a mechanism for the resolution of any disputed costs between the DOE and the State.

3. For purposes of budget planning only, the State shall annually provide the DOE before the beginning of the fiscal year a written estimate of the State's projected costs to be incurred in implementing the SRS Agreement in the upcoming fiscal year.

4. The State reserves all rights it has to recover any other past and future costs incurred by the State in connection with CERCLA activities conducted at the SRS.

5. In the event of a substantial increase in the State's costs incurred specifically related to the implementation of this Agreement, and a significant change in the scope of the project, the State and DOE agree to renegotiate the amounts contained in the separate funding agreement to reflect such increase proportionate to the circumstances. The amount and schedule of payment of these costs will be negotiated with consideration for the DOE's multi-year funding cycle.

XXXVII. CLAIMS AND PUBLICATION

A. The DOE agrees to assume full responsibility for the remediation of the site in accordance with CERCLA and the NCP. However, nothing in this Agreement shall constitute or be construed as a release by SCDHEC, DOE, or EPA of any claims, causes of action, or demand in law or equity against any person, firm, partnership, or corporation not a signatory to this Agreement for any liability which it may have arising out of or related in any way to the generation, storage, treatment, handling, transportation, release, or disposal of any hazardous substances, hazardous wastes, pollutants, or contaminants found at, taken to, or taken from the site.

B. This Agreement does not constitute any decision or preauthorization by EPA of funds under Section 111(a)(2) of CERCLA, 42 U.S.C. § 9611(a)(2) for any person, agent, contractor, or consultant acting for DOE.

C. The EPA and SCDHEC shall not be held as a party to any contract entered into by DOE to implement the requirements of this Agreement.

D. This Agreement shall not restrict EPA or SCDHEC from any legal, equitable, administrative, or response action for any matter not part of the work covered by this Agreement.

E. The DOE and EPA shall provide a copy of this Agreement to appropriate contractors, subcontractors, laboratories, and consultants retained to conduct any portion of the work performed pursuant to this Agreement prior to beginning work to be conducted under this Agreement.

F. Nothing in this Agreement shall be considered an admission by any Party with respect to any unrelated claims by any Party or any claims by persons not a Party to this Agreement.

XXXVIII. ORDER OF PREFERENCE

In the event of any inconsistency between the Sections of this Agreement and the Appendices to this Agreement, the Sections of this Agreement shall govern unless specifically stated otherwise in this Agreement.

XXXIX. FUNDING

A. It is the expectation of the Parties that all obligations of DOE arising under this Agreement will be fully funded through Congressional appropriations. Consistent with Congressional limitations on future funding, DOE shall take all necessary steps and use its best efforts to obtain timely funding to meet its obligations under this Agreement, including, but not limited to, the submission of timely budget requests.

B. In accordance with Section 120 (e)(5)(B) of CERCLA, 42 U.S.C. § 9620(a)(5)(B), DOE shall include in its annual report to Congress the specific cost estimates and budgetary proposals associated with the implementation of this Agreement.

C. No provision herein shall be interpreted to require obligation or payment of funds in violation of the Anti-Deficiency Act, 31 U.S.C. § 1341.

D. If appropriated funds are not available to fulfill DOE's obligations under this Agreement, EPA and SCDHEC reserve the right to initiate any other action which would be appropriate absent this Agreement.

XL. DECOMMISSIONING FACILITIES.

A. Facility is defined for this Section only as a single project that includes any building(s) and functional systems, such as, but not limited to, equipment, process systems and associated piping. A facility is usually associated with a unique process or operation at a given location. Decommissioning is the first post-operational stage for the facility, when the residual hazards are eliminated permanently, or reduced to a safe condition.

B. The DOE is the lead agency for purposes of preparation, review, and finalization of documentation for decommissioning activities on facilities in Appendix K (see 40 CFR 300.400c)). Guided by interagency policies (e.g., EPA and DOE, May 22, 1995, “Policy on Decommissioning Department of Energy Facilities Under CERCLA”) and consistent with relevant DOE orders and guidance, DOE shall coordinate all decommissioning activities with EPA and SCDHEC.

C. Prior to and during decommissioning, facilities will be evaluated to determine if there has been a release or there is a substantial threat of release of hazardous substances to the environment. The facilities planned for or undergoing

decommissioning will be identified in Appendix K.1 (D&D Facilities to be Decommissioned). Facilities on Appendix K.1 will be eligible to be moved to Appendix K.2 (D&D Facilities (or Remnants) that Require No Further Evaluation or No Response Action) or Appendix C.4 (D&D Facilities (or Remnants) that May Warrant Response Action) based on the facility evaluation/decommissioning model selection process agreed to by the three Parties. Facilities that the three Parties agree require no further evaluation or no response action of the D&D Facility or Remnant will be listed on Appendix K.2 (D&D Facilities (or Remnants) that Require No Further Evaluation or No Response Action). Facilities that the three Parties agree may warrant a response action at the D&D Facility or Remnant will be listed on Appendix C.4 (D&D Facilities (or Remnants)) that May Warrant Response Action). If the EPA or SCDHEC determine that further response action may be necessary for a facility (or facility remnant), then DOE agrees, subject to the dispute resolution procedures in Section XXVII (Resolution of Disputes), to amend Appendix C.4 (D&D Facilities (or Remnants) that May Warrant Response Action) to this Agreement to include such facilities (or facility remnants) and to conduct, as warranted, additional work at such facilities (or facility remnants) under the terms of this Agreement. The facilities listed on Appendix C.4 will require a determination as to whether a response action is warranted. The facilities listed on Appendix C.4 are designated as subunits as described in Section LI.

D. The DOE shall evaluate Appendix K annually and shall provide a revised Appendix K to EPA and SCDHEC.

E. The Appendix K is subject only to the terms and conditions of Section XL of this Agreement, except as provided as follows: Appendix K.1 is subject to dispute resolution procedures in Section XXVII (Resolution of Disputes) to the extent there is a question pertaining to the deletion of any facilities from the list. DOE authority to determine the use of facilities is not disputable.

XLI. COMPLIANCE WITH LAWS

All actions undertaken pursuant to this Agreement by DOE or its representative(s) shall be done in accordance with all applicable Federal laws, regulations and Executive Orders, and all applicable State and local laws and regulations.

XLII. FORCE MAJEURE

A. A Force Majeure shall mean any event arising from causes beyond the control of a Party that causes a delay in or prevents the performance of any obligations under this Agreement, including, but not limited to:

1. Acts of God; fire; war; insurrection; civil disturbance; or explosion;

2. Unanticipated breakage or accident to machinery, equipment or lines of pipe despite reasonably diligent maintenance;

3. Adverse weather conditions that could not be reasonably anticipated; unusual delay in transportation;

4. Restraint by court order or order of public authority;

5. Inability to obtain, at reasonable cost and after exercise of reasonable diligence, all necessary authorizations, approvals, permits, or licenses due to action or inaction of any governmental agency or authority other than DOE;

6. Delays caused by compliance with applicable statutes or regulations governing contracting, procurement or acquisition procedures, despite the exercise of reasonable diligence; and

7. For EPA and DOE only, insufficient availability of appropriated funds which have been diligently sought. In order for Force Majeure based on insufficient funding to apply to DOE, the DOE shall have made timely efforts to obtain such funds as part of the budgetary process set forth in Section XXXIX (Funding) of this Agreement.

B. A Force Majeure shall also include any strike or other labor dispute, whether or not within the control of the Parties affected thereby. Force Majeure shall not include increased costs or expenses of Response Actions, whether or not anticipated at the time such Response Actions were initiated.

C. The DOE and SCDHEC agree that Subsection A.2 (entirely), Subsection A.3 ("delay in transportation"), Subsection A.4 ("order of public authority"), Subsection A.5 ("at reasonable cost"), and Subsection A.6 (entirely) above, do not create any presumptions that such events arise from causes beyond the control of a Party. The SCDHEC specifically reserves the right to withhold its concurrence to any extensions which are based on such events which are not entirely beyond the control of DOE pursuant to the terms of Section XXXI (Extensions), or to contend that such events do not constitute Force Majeure in any action to enforce this Agreement.

XLIII. MODIFICATION OF AGREEMENT

A. This Agreement may be modified by agreement of all the Parties. All modifications shall be in writing and shall be effective when signed by all Parties. EPA shall be the last signatory on any major modifications to this Agreement.

B. Except as provided in Subsection C, no informal advice, guidance, suggestions, or comments by EPA or SCDHEC shall be construed to relieve DOE of any obligation under this Agreement.

C. Modifications shall be considered major modifications under Subsection A, if designated "major" by any Party. A major modification is subject to public participation, to the extent required by the DOE's Community Relations Plan, under Section XXXV (Public Participation) of this Agreement. All other modifications (including field modifications) shall not be considered major and can be made informally upon consent of the Project Managers. Informal modifications shall be confirmed in writing within ten (10) days following the consent of the Project Managers.

D. Any modification to this Agreement, its appendices, or any primary or secondary document which incorporates new innovative technology shall be considered a major modification to this Agreement. The Parties agree that such modifications will be made in the future where appropriate to incorporate those new technologies which achieve compliance with this Agreement, either at a reduced cost, or in a shorter period of time.

E. The Parties expressly acknowledge that this Agreement shall be modified, as appropriate, to incorporate the conditions of and other wise address the authorities and the requirements of the Federal Facilities Compliance Act of 1992. Such modification may be initiated by any Party.

XLIV. COVENANT NOT TO SUE/RESERVATION OF RIGHTS

A. In consideration for DOE's compliance with this Agreement, and based on the information known to the Parties on the effective date of this Agreement, the EPA and SCDHEC agree that compliance with this Agreement shall stand in lieu of any administrative, legal and equitable remedies against the DOE available to them regarding the currently known releases or threatened releases of hazardous substances including hazardous wastes, pollutants or contaminants at the site which are the subject of the RI/FS(s) and which will be addressed by the remedial action(s) provided for under this Agreement; except that nothing in this Agreement shall preclude either the EPA or SCDHEC from exercising any administrative, legal and equitable remedies available to them to require additional response actions by the DOE in the event that: (1)(a) conditions previously unknown or undetected by either the EPA or SCDHEC arise or are discovered at the site, or (b) either the EPA or SCDHEC receive additional information not previously available concerning the premises which they employed in reaching this Agreement; and (2) the implementation of the requirements of this Agreement is no longer protective of public health and the environment.

B. By entering into this Agreement, the DOE does not waive any claim of sovereign immunity that it may have under Federal or State law or not expressly waived by statute; nor does it waive any immunity from payment of fines or penalties nor does it waive any claim of jurisdiction over matters reserved to it under the AEA. As stated in Section 1006 of RCRA, 42 U.S.C. § 6905, nothing in this Agreement shall be construed to require the DOE to take any action pursuant

to RCRA which is inconsistent with the requirements of the AEA, as amended. In the event the DOE asserts that it cannot comply with any provisions of this Agreement under RCRA based on an alleged inconsistency between the requirements of RCRA and the AEA, as amended, it shall provide the basis for the inconsistency assertion in writing. In the event of any enforcement action, other than actions to enforce the terms of this Agreement, DOE reserves all rights available under law absent this Agreement.

C. By entering into this Agreement, the SCDHEC does not waive the right to seek civil penalties under State law in the event that sovereign immunity is waived by Act of Congress after the effective date of this Agreement provided, however, that SCDHEC shall not be entitled to collect civil or other penalties for any activities at SRS covered under the provisions of Subsection A of this Section.

D. By entering into this Agreement, the SCDHEC does not waive any right or authority it may have under law. The SCDHEC expressly reserves all rights and authorities it may have under law except that it expressly agrees to exhaust any applicable remedies provided in Section XXII (Review/Comment on Documents) and Section XXVII (Resolution of Disputes) as provided in Section XLVIII (Enforceability) of this Agreement prior to exercising any such rights. Specifically, the SCDHEC reserves any right and authority it may have to require corrective action in accordance with the South Carolina Hazardous Waste Management Act and its right to challenge the selection of Remedial Action(s) under Section 121(f)(3)(a) of CERCLA, 42 U.S.C. § 9621(f)(3)(a). Unless expressly waived by law, the State of South Carolina does not waive its sovereign immunity by entering into this Agreement.

E. If dispute resolution concerning any matter requires a decision by the Regional Administrator or the Administrator, the Parties may mutually agree to accelerate that matter through the dispute resolution procedures of Section XXVII (Resolution of Disputes) under this Agreement to the Administrator. Notwithstanding the provisions of Section XXVII.K. (Resolution of Disputes) or any Section of this Agreement, in the event that the SCDHEC is dissatisfied with any final decision issued by the Administrator pursuant to Section XXVII (Resolution of Disputes), the SCDHEC may take any action concerning the disputed matter which would be available in the absence of this Agreement.

F. Notwithstanding this Section, or any other Section of this Agreement, the SCDHEC shall retain the right to obtain judicial review of any final decision of EPA on selection of a remedial action pursuant to any authority the SCDHEC may have under Sections 113, 121(e)(2), 121(f), and 310 of CERCLA, 42 U.S.C. §§ 9613, 9621(e)(2), 9621(f), and 9659.

G. This Covenant Not to Sue/Reservation of Rights does not affect any claims for natural resource damage assessments or for damages to natural resources.

H. This Covenant Not to Sue/Reservation of Rights shall not be deemed to affect any rights which non-signatory persons may have.

XLV. NATURAL RESOURCE DAMAGES

The DOE and other State and Federal trustees shall act on behalf of the public as the trustees for the natural resources present on SRS. In this capacity, the DOE shall be responsible for notifying other State and Federal trustees and for assessing damages (injury, destruction or loss of natural resources) resulting from releases of hazardous substances on SRS, and for implementation of measures designed to mitigate such damages. These authorities are vested in the DOE (as specified in Executive Order 12580) pursuant to Section 107(f) of CERCLA and Section 311(f) of the Federal Water Pollution Control Act. As one of the trustees for natural resources on SRS, DOE shall:

1. Assess damages to public natural resources following the procedures provided by 43 CFR Part 11 and subsequent rulemaking; and

2. Devise and implement a plan to restore, replace or acquire the equivalent of such resource pursuant to CERCLA. Such a plan shall be consistent, to the degree possible, with applicable Record(s) of Decision under this Agreement.

The DOE shall notify the appropriate Federal and State natural resource trustees as required by Section 104(b)(2) of CERCLA, 42 U. S. C. § 9604(b)(2), and Section 2(e)(2) of Executive Order 12580. Except as provided herein, DOE is not released from any liability which it may have pursuant to any provisions of State and Federal law, including any claim for damages for liability to the destruction of, or loss of natural resources.

XLVI. PROPERTY TRANSFER

In the event that DOE determines to enter into any contract for the sale or transfer of any of the SRS, the DOE shall comply with the requirements of Section 120(h) of CERCLA, 42 U.S.C. § 9620(h), in effectuating that sale or transfer, including all notice requirements. In addition, the DOE shall include notice of this Agreement in any document transferring ownership or operation of the SRS to any subsequent owner and/or operator of any portion of the SRS and shall notify EPA and SCDHEC of any such sale or transfer at lease ninety (90) days prior to such sale or transfer. No change in ownership of the SRS or any portion thereof or notice pursuant to Section 120(h)(3)(b) of CERCLA, 42 U.S.C. § 9620(h)(3)(b), shall relieve the DOE of its obligation to perform pursuant to this Agreement. No change of ownership of the SRS or any portion thereof shall be consummated by the DOE without provision for continued maintenance of any containment system, treatment system, or other response action(s) installed or implemented pursuant to this Agreement. This provision does not relieve the DOE of its obligations under 40 CFR Part 270 or 25 S.C. Code Ann. R. 61-79, Section 270.

XLVII. STIPULATED PENALTIES

A. In the event that DOE fails to submit a primary document, as identified in Section XXII (Review/Comment on Documents), to EPA pursuant to the appropriate timetable or deadline in accordance with the requirements of this Agreement, or fails to comply with a term or condition of this Agreement which relates to an interim or final remedial action, EPA and SCDHEC may determine jointly that a stipulated civil penalty may be assessed. The EPA will implement the joint decision under this Subsection. A stipulated penalty may be assessed in an amount not to exceed $5,000 for the first week (or part thereof), and $10,000 for each additional week (or part thereof) for which a failure set forth in this Subsection occurs.

B. Upon determining that the DOE has failed in a manner set forth in Subsection A, above, EPA shall so notify DOE in writing. If the failure in question is not already subject to dispute resolution at the time such notice is received, then DOE shall have fifteen (15) days after receipt of the notice to invoke dispute resolution on the question of whether the failure did in fact occur. The DOE shall not be liable for the stipulated penalty assessed by EPA if the failure is determined, through the dispute resolution process, not to have occurred. No assessment of a stipulated penalty shall be final until the conclusion of dispute resolution procedures related to the assessment of the stipulated penalty.

C. The DOE annual report to Congress required by Section 120(e)(5) of CERCLA, 42 U.S.C. § 9620(e)(5), shall include, with respect to each final assessment of a stipulated penalty against DOE under this Agreement, each of the following:

1. The facility responsible for the failure;
2. A statement of the facts and circumstances giving rise to the failure;
3. A statement of any administrative or other corrective action taken at the relevant facility, or a statement of why such measures were determined to be inappropriate;
4. A statement of any additional action taken by or at the facility to prevent recurrence of the same type of failure; and
5. The total dollar amount of the stipulated penalty assessed for the particular failure.

D. Stipulated penalties assessed pursuant to this Section shall be payable to the Hazardous Substances Response Trust Fund from funds authorized and appropriated for that specific purpose.

E. In no event shall this Section give rise to a stipulated penalty in excess of the amount set forth in Section 109 of CERCLA, 42 U.S.C. § 9609.

F. This Section shall not affect DOE's ability to obtain an extension of a timetable, deadline, or schedule pursuant to Section XXXI (Extensions) of this Agreement.

G. Nothing in this Agreement shall be construed to render any officer or employee of DOE personally liable for the payment of any stipulated penalty assessed pursuant to this Section.

XLVIII. ENFORCEABILITY

A. The Parties agree that:

1. Upon the effective date of this Agreement, any standard, regulation, condition, requirement, or order which has become effective under CERCLA and is incorporated into this Agreement is enforceable by any person pursuant to Section 310 of CERCLA, 42 U.S.C. § 9659, and any violation of such standard, regulation, condition, requirement, or order will be subject to civil penalties under Sections 310(c) and 109 of CERCLA, 42 U.S.C. §§ 9659(c) and 9609; and

2. All Appendix D timetables or deadlines associated with the development, implementation and completion of the RFI/RI and CMS/FS shall be enforceable by any person pursuant to Section 310 of CERCLA, U.S.C. § 9659, and any violation of such timetables or deadlines will be subject to civil penalties under Sections 310(c) and 109 of CERCLA, 42 U.S.C. §§ 9659(c) and 9609;

3. All terms and conditions of this Agreement which relate to operable units or final remedial actions, including corresponding timetables, deadlines, or schedules, and all work associated with the operable units or final remedial actions, shall be enforceable by any person pursuant to Section 310(c) of CERCLA, 42 U.S.C. § 9659(c), and any violation of such terms or conditions will be subject to civil penalties under Sections 310(c) and 109 of CERCLA, 42 U.S.C. §§ 9659(c) and 9609; and

4. Any final resolution of a dispute pursuant to Section XXVII (Resolution of Disputes) of this Agreement which establishes a term, condition, timetable, deadline, or schedule shall be enforceable by any person pursuant to Section 310(c) of CERCLA, 42 U.S.C. § 9659(c), and any violation of such term, condition, timetable, deadline or schedule will be subject to civil penalties under Sections 310(c) and 109 of CERCLA, 42 U.S.C. §§ 9659(c) and 9609.

B. Consistent with Section XLIV (Covenant Not to Sue/Reservation of Rights) of this Agreement, the SCDHEC agrees to exhaust fully the remedies provided in Section XXII (Review/Comment on Documents) and Section XXVII (Resolution of Disputes) of this Agreement prior to exercising any other authority it may have relative to the Savannah River Site.

C. Nothing in this Agreement shall be construed as authorizing any person to seek judicial review of any action or work where review is barred by any provisions of CERCLA, including Section 113(h) of CERCLA, 42 U.S.C. § 9613(h).

D. The Parties agree that all Parties shall have the right to enforce the terms of this Agreement.

XLIX. TERMINATION AND SATISFACTION

A. To the extent that remedial response actions are conducted in operable units under the provisions of this Agreement, following completion of all response actions at an operable unit and upon written request by DOE, the EPA, with the concurrence of the SCDHEC, will send to DOE a written notice that the operable unit has been completed in accordance with the requirements for that operable unit. This notice shall not serve as written notice of termination and satisfaction of the entire Agreement described under Subsection B of this Section.

B. To the extent that remedial response actions are conducted pursuant to the provisions of this Agreement, following the completion of all remedial response actions and upon written request by DOE, the EPA, with the concurrence of the SCDHEC will send to DOE a written notice of satisfaction of the terms of this Agreement within ninety (90) days of the request. The notice shall state that, in the opinion of EPA and SCDHEC, the DOE has satisfied all the terms of this Agreement in accordance with the requirements of CERCLA, the NCP, Section 3008(h) of RCRA, 42 U.S.C. § 6928(h), and related guidance, and applicable State laws and that the work performed by DOE was consistent with the agreed-to remedial actions.

L. EFFECTIVE DATE

This Agreement shall become effective after it is executed by all the Parties and upon the date set by EPA in written notification to all Parties that the Agreement has been executed and is effective.

LI. AREA OPERABLE UNITS

A. An Area Operable Unit is a group of subunits that will be addressed under a Record of Decision pursuant to Section LI (Area Operable Units) of this Agreement. The subunits of an Area Operable Unit consist of the appropriate units listed on Appendix C.1 (RCRA/CERCLA Units) and Appendix C.4 (D&D Facilities (or Remnants) that May Warrant a Response Action). The Area Operable Unit and its subunits will be listed on Appendix C.5 (Area Operable Units). The subunits of an Area Operable Unit may be evaluated and revised at the discretion of the three Parties. The Appendix C.5 shall be reviewed and revised annually in conjunction with the preparation and submittal of Appendix C of this Agreement.

B. Remedial Action at an Area Operable Unit is complete when the risks from all relevant sources and releases (i.e., RCRA/CERCLA Units and facility remnants) are determined to be at or below the levels acceptable for appropriate future use and SCDHEC and EPA approve the Remedial Action Completion Report.

APPENDIX A: RCRA/CERCLA TERMINOLOGY AND ARARs

RCRA/CERCLA TERMONOLOGY

RCRA CORRECTIVE ACTION §§ 3004(u), (v), 3008(h)	CERCLA REMEDIAL ACTION 40 C.F.R. Part 300	COMBINATION RCRA/CERCLA
ACRONYMS:		
RFI: RCRA Facility Investigation	RI: Remedial Investigation	RFI/RI
CMS: Corrective Measures Study	FS: Feasibility Study	CMS/FS
Statement of Basis	Proposed Plan	Statement of Basis/ Proposed Plan
Permit Modification	Record of Decision	Not Applicable
CMD: Corrective Measures Design	RD: Remedial Design	CMD/RD
CMI: Corrective Measures Implementation	RA: Remedial Action	CMI/RA

General Terminology:

Corrective Action: RCRA Term for all activities conducted under either §§ 3004(u) or (v) or § 3008(h) or both.

Closure: RCRA term for requirements of Subpart G of 40 C.F.R. Parts 264 and 265 for RCRA-regulated TSD units only.

NFA: No Further Action

Site: CERCLA term as defined in NCP and FFA.

Solid Waste Management Unit (SWMU): RCRA term as defined in the RCRA permit.

Operable Unit: CERCLA term for a discrete action as part of a remedial response that, according to a Record of Decision, manages contaminant migration, or eliminates or mitigates a release, threat of release or pathway of human or environmental exposure.

Potential

Applicable, or Relevant and Appropriate Requirements (ARARs)

Statutes (Including implementing regulations)

Administrative Procedure Act, 5 U.S.C. § 551 et seq.
Archaeological and Historical Preservation Act
Atomic Energy Act 42, U. S. C. § 2011 et seq.
Clean Air Act, 42 U.S.C. § 7401 et seq.
Clean Water Act (Federal Water Pollution Control Act) 33 U.S.C. § 1251 et seq.
Coastal Zone Management Act
Emergency Planning and Community Right-To-Know Act, 42 U.S.C. § 11001 et seq.
Endangered Species Act, 16 U.S.C. § 1531 et seq.
Federal Insecticide, Fungicide and Rodenticide Act, 7 U.S.C. § 136 et seq.
Fish and Wildlife Coordination Act
Hazardous Materials Transportation Act
Historical Sites, Buildings and Antiquities Act
National Environmental Policy Act, 42 U.S.C. § 4321 et seq.
National Historic Preservation Act, 16 U.S.C. § 470 et seq.
Occupational Safety and Health Act, 29 U.S.C. 651 et seq.
Rivers and Harbors Act of 1989
Safe Drinking Water Act (Public Health Service Act), 42 U.S.C. § 300(f) et seq.
Scenic River Act
Solid Waste Disposal Act (as amended by the Resource Conservation and Recovery Act), 42 U.S.C. § 6901 et seq.
South Carolina Administrative Procedures Act, 1-23-10
South Carolina Atomic Energy and Radiation Control Act, 13-7-10
South Carolina Hazardous Waste Management Act, S.C. Code Ann. § 44-56-10 et seq. (Supp 1988)
South Carolina Oil and Gas Exploration, Drilling and Transportation Act, 48-43-10
South Carolina Pollution Control Act, S. C. Code Ann. § 48-1-10 et seq. (Supp 1988)
South Carolina Safe Water Drinking Act, 44-55-10 (1976)
South Carolina Solid Waste Management Act, 44-96-10, et seq. (1991)
Toxic substances Control Act, 15 U.S.C. § 2601 et seq.
Uranium Mill Tailings Radiation Control Act, 42 U.S.C. § 7910 et seq.
Wild and Scenic Rivers Act
Wilderness Act

APPENDIX B: HIGH-LEVEL WASTE RADIOACTIVE WASTE TANK SYSTEM(S)

The following high-level radioactive waste tank system(s) are subject to this Agreement:

F and H Area Waste Tanks

High-Level Radioactive Waste Tanks Nos. 1 through 51

242-F Evaporator Pot
- Mercury Collection Tank
- Cesium Removal Column Pump Tank
- Overheads Tank, North
- Overheads Tank, South
- Overheads Diverting Tank

242-16F Evaporator Pot
- Mercury Collection Tank
- Cesium Removal Column Pump Tank
- Overheads Tank, North
- Overheads Tank, South

242-H Evaporator Pot
- Mercury Collection Tank
- Cesium Removal Column Pump Tank
- Overheads Tank, 4
- Overheads Tank, 5

242-16H Evaporator Pot
- Mercury Collection Tank
- Cesium Removal Column Pump Tank
- Overheads Tank, 1
- Overheads Tank, 2

242-25H Evaporator Pot
- Mercury Collection Tank
- Overheads Tank, 1
- Overheads Tank, 2

F-Area Concentrate Transfer System Pump Tank

F Pump Tank #1

F Pump Tank #2

F Pump Tank #3

H-Area Concentrate Transfer System Pump Tank

H Pump Tank #1

H Pump Tank #2

H Pump Tank #3

H Pump Tank #4

H Pump Tank #5

H Pump Tank #6

H Pump Tank #7

H Pump Tank #8

H Pump Tank #9

H Pump Tank #10

In-Tank Precipitation Filtrate Hold Tank #1

In-Tank Precipitation Filtrate Hold Tank #2

A. STANDARDS FOR INTEGRITY ASSESSMENT FOR EXISTING TANK(S)

At a minimum, the structural integrity assessment for each tank system(s) shall include an evaluation of the following:

1. Design standards, if available, according to which the tank and ancillary equipment such as sumps, cut-off valves, and piping to cut-off valves were constructed;

2. Hazardous characteristics of the hazardous or radioactive substance(s) that have been or will be handled;

3. Existing corrosion protection measures;

4. Documented age (if unavailable, an estimated age) of the tank system(s); and

5. Results of an integrity examination, either (a) a leak test that is capable of taking into account the effects of temperature variations, tank end deflection, vapor pockets, and high water table effects, or (b) other integrity examination that addresses cracks, leaks, corrosion, and erosion, and that documents the limits of the technique(s) used to examine tank integrity and is certified by a registered professional engineer.

B. DESIGN/INSTALLATION STANDARDS FOR NEW OR REPLACEMENT TANK SYSTEM(S) AND COMPONENTS

1. The design/installation assessment for each tank system(s)/component(s) design shall include, at a minimum, the following information:

   (a) Design standard(s) according to which tank(s) and/or the ancillary equipment are constructed;

   (b) Hazardous characteristics of the hazardous and/or radioactive substance(s) to be handled;

   (c) For each new tank system(s)/component(s) in which the external shell of a metal tank or any external metal component(s) of the tank system(s) will be in contact with the soil or water, a determination by a corrosion expert of:

      (i) Factors affecting the potential for corrosion, including but not limited to:

         (A) Soil moisture content;
         (B) Soil pH;
         (C) Soil sulfides level;
         (D) Soil resistivity;
         (E) Structure to soil potential;
         (F) Influence of nearby underground metal structures (e.g., piping)
         (G) Existence of stray electrical currents;
         (H) Existing corrosion-protection measures (e.g., coating, cathodic protection), and

      (ii) The type and degree of external corrosion protection that are needed to ensure the integrity of the tank system(s) during the use of the system(s) or component(s), consisting of one or more of the following:

(A) Corrosion-resistant materials of construction such as special alloys, fiberglass reinforced plastic, etc.;
(B) Corrosion-resistant coating (such as epoxy, fiberglass, etc.) with cathodic protection (e.g., impressed current or sacrificial anodes); and
(C) Electrical isolation devices such as insulating joints, flanges, etc.

(d) For underground tank system components that are likely to be adversely affected by vehicular traffic, a determination of design or operational measures that will protect the tank system against potential damage; and

(e) Design considerations to ensure that:

(i) Tank foundations will maintain the load of a full tank;

(ii) Tank systems will be anchored to prevent flotation or dislodgment where the tank system is placed in a saturated zone, or is located within a seismic fault zone which has had displacement during the Holocene period; and

(iii) Tank systems will withstand the effects of frost heave.

2. The DOE shall ensure that proper handling procedures are adhered to in order to prevent damage to tank system(s) or component(s) during installation. Prior to covering, enclosing, or placing a new tank system or component in use, a registered professional engineer who is trained and experienced in the proper installation of tank systems or components, shall inspect the system for the presence of any of the following items:

(a) Weld breaks;
(b) Punctures;
(c) Scrapes of protective coatings;
(d) Cracks;
(e) Corrosion;
(f) Other structural damage or inadequate construction or installation.

All such discrepancies shall be remedied before the tank system is covered, enclosed, or placed in use.

3. New tank system(s)/component(s) that are placed underground and that are backfilled shall be provided with a backfill material that is a noncorrosive, porous, homogeneous substance and that is installed so that the backfill is placed completely around the tank and compacted to ensure that the tank and piping are fully and uniformly supported.

4. All new tanks and ancillary equipment shall be tested for tightness prior to being covered, enclosed, or placed in use. If a tank system is found not to be tight, all repairs necessary to remedy the leak(s) in the system shall be performed prior to the tank system being covered, enclosed, or placed into use.

5. Ancillary equipment shall be supported and protected against physical damage and excessive stress due to settlement, vibration, expansion, or construction.

6. The DOE shall provide the type and degree of corrosion protection recommended by a professional engineer or corrosion specialist, a person who is trained by experience or education to do the work, based on the information provided under Subsection 1(c), above, or other corrosion protection if the SCDHEC determines other corrosion protection is necessary to ensure the integrity of the tank system during the use of the tank system. The installation of a corrosion protection system that is field fabricated shall be supervised by a registered professional engineer to ensure proper installation.

7. The DOE shall obtain and keep on file at the facility written statements by those persons required to certify the design of the tank system and supervise the installation of the tank system in accordance with the requirements of paragraphs 1 through 6 of this Subsection, that attest that the tank system was properly designed and installed and that repairs, pursuant to paragraphs 2 through 4 of this Subsection, were performed.

C. STANDARDS FOR CONTAINMENT/RELEASE DETECTION

1. At a minimum, secondary containment system(s) shall be:

   (a) Constructed of or lined with materials that are compatible with the hazardous or radioactive substance(s) to be placed in the tank system and shall have sufficient strength and thickness to prevent failure owing to pressure gradients (including static head and external hydrological forces), physical contact with the waste(s) or substances to which it is exposed, climatic conditions, and the stress of daily operation (including stresses from nearby vehicular traffic);

   (b) Placed on a foundation or base capable of providing support to the secondary containment system, resistance to pressure gradients above and below the system, and capable of preventing failure due to settlement, compression, or uplift;

   (c) Provided with a leak-detection system that is designed and operated so that it shall detect the failure of either the primary or secondary containment structure or the presence of any leak of hazardous or radioactive constituents, hazardous substances, or accumulated liquid in the secondary containment system within 24 hours, or at the earliest practicable time if the

DOE can demonstrate that existing detection technologies or site conditions will not allow detection of a leak within 24 hours; and

(d) Sloped or otherwise designed or operated to drain and remove liquids resulting from leaks or precipitation. Leaked substances and accumulated precipitation shall be removed from the secondary containment system within 24 hours, or in as timely a manner as is possible to prevent harm to human health and the environment, if the DOE can demonstrate that removal of the leaked substances or accumulated precipitation cannot be accomplished within 24 hours.

(e) Secondary containment for tanks shall include one or more of the following devices:

(i) a liner (external to the tank);
(ii) a vault;
(iii) a double-walled tank;
(iv) an equivalent device approved by SCDHEC.

(f) In addition to the above requirements, secondary containment systems shall satisfy the following requirements:

(i) External liner system shall be:

(A) Designed or operated to contain 100 percent of the capacity of the largest tank within its boundary;

(B) Designed or operated to prevent run-on or infiltration of precipitation into the secondary containment system unless the collection system has sufficient excess capacity to contain run-on or infiltration. Such additional capacity shall be sufficient to contain precipitation from a 25-year, 24-hour rainfall event;

(C) Free of cracks or gaps; and

(D) Designed and installed to surround the tank completely and to cover all surrounding earth likely to come into contact with the substances if the substances is released from the tank(s) (i.e., capable of preventing lateral as well as vertical migration of the substances(s)).

(ii) Vault systems shall be:

(A) Designed or operated to contain 100 percent of the capacity of the largest tank within its boundary;

(B) Designed or operated to prevent run-on or infiltration of precipitation into the secondary containment system unless the collection system has sufficient excess capacity to contain run-on or infiltration. Such additional capacity shall be sufficient to contain precipitation from a 25-year, 24-hour rainfall event:

(1) Constructed with chemical-resistant water stops in place at all joints (if any);

(2) Provided with an impermeable interior coating or lining that is compatible with the stored waste and that will prevent migration of waste into the concrete.

(C) Provided with a means to protect against the formation of and ignition of vapors within the vault, if the substances being stored or treated:

(1) Meets the definition of ignitable waste under 40 CFR Section 262.21; or

(2) Meets the definition of reactive waste under 40 CFR Section 262.21, and may form ignitable or explosive vapors.

(D) Provided with an exterior moisture barrier or be otherwise designed or operated to prevent migration of moisture into the vault if the vault is subject to hydraulic pressure.

(iii) Double-walled tanks shall be:

(A) Designed as an integral structure (i.e., an inner tank completely enveloped within an outer shell) so that any release from the inner tank is contained by the outer shell;

(B) Protected, if constructed of metal, from both corrosion of the primary tank interior and of the external surface of the outer shell; and

(C) Provided with a built-in continuous leak detection system capable of detecting a leak with 24 hours, or at the earliest practicable time, if the DOE can demonstrate that the existing detection technology or site conditions would not allow detection of a leak within 24 hours.

(iv) Ancillary equipment shall be provided with secondary containment (e.g., trench, jacketing, double-walled piping) that meet the requirements of this Agreement except for:

(A) Above ground piping (exclusive of flanges, joints, valves, and other connections) that are visually inspected for leaks on a daily basis;

(B) Welded flanges, welded joints, and welded connections that are visually inspected for leaks on a daily basis;

(C) Seal-less or magnetic coupling pumps that are visually inspected for leaks on a daily basis; and

(D) Pressurized above ground piping systems with automatic shut-off devices (e.g., excess flow check valves, flow metering shutdown devices, loss of pressure actuated shut-off devices) that are visually inspected for leaks on a daily basis.

D. DISPOSITION OF LEAKING TANK(S)

1. For each tank system(s)/component(s) that is determined to be leaking, the DOE shall comply with the following requirements:

   (a) The DOE shall immediately stop the flow of hazardous or radioactive substances into the tank system(s) or secondary containment system(s) and inspect the system(s) to determine the cause of the leak.

   (b) If the leak was from the tank system to the environment, the DOE shall, within 24 hours after detection of the leak, or if the DOE demonstrates that it is not possible, at the earliest practicable time, remove as much of the hazardous/radioactive substance as is necessary to prevent further release of hazardous or radioactive substances to the environment and to allow inspection and repair of the tank system(s) to be performed.

   (c) If the leak was to a secondary containment system(s), all accumulated materials shall be removed from the secondary containment system(s) within 24 hours or in as timely a manner as is possible to prevent harm to human health and the environment.

2. The DOE shall as soon as possible conduct a visual inspection of the leak and, based upon that inspection:

   (a) Prevent further migration of the leak to soils or surface water; and

   (b) Remediate any visible contamination of the soil or surface water.

3. Any release to the environment shall be reported to the EPA and SCDHEC within 24 hours of its detection. If the release has been reported pursuant to 40 CFR Part 302, such report will satisfy this requirement.

4. Within thirty (30) days of detection of a release to the environment, a report containing the following information shall be submitted to EPA and SCDHEC:

   (a) Likely route of migration of the release;

   (b) Characteristics of the surrounding soil (soil composition, geology, hydrogeology, climate);

   (c) Results of any monitoring or sampling conducted in connection with the release (if available). If the data are unavailable within 30 days, these data must be submitted as soon as they become available.

   (d) Proximity to downgradient drinking water, surface water, and populated areas; and

   (e) Description of response actions taken or planned.

5. Unless the DOE satisfies the requirements of paragraphs (5)(a) through (c) of this Subsection, the tank system shall be removed from service in accordance with Subsection E, Section IX of the Agreement.

   (a) If the cause of the release was a leak that has not damaged the integrity of the system, the DOE may return the system to service as soon as the released constituent/substance is removed and repairs, if necessary, are made.

   (b) If the leak was from the primary tank system into the secondary containment system, the system shall be repaired prior to returning the tank system to service, or the DOE must demonstrate, subject to the approval of SCDHEC, that returning the system to services without repair would not threaten human health or the environment.

   (c) If the source of a release was a leak to the environment from a component of a tank system without secondary containment, the DOE shall provide the component of the system from which the leak occurred with secondary containment that satisfies the requirements of Subsection C of this Appendix before it can be returned to service, unless the source of the leak is an above ground portion of a tank system that can be inspected visually. If the source of the leak is an above ground portion of a tank system that can be inspected visually, the component shall be repaired and may be returned to service without secondary containment as long as the requirements of paragraph (d) of this Subsection are satisfied. If a component is replaced to comply with

the requirements of this subsection, that component shall satisfy the requirements for new tank systems/components in Subsections B and C of Section IX of this Agreement. Additionally, if a leak has occurred in any portion of a tank system component that is not readily accessible for visual inspection (e.g., the bottom of an in-ground or on-ground tank), the entire component shall be provided with secondary containment in accordance with these requirements prior to being returned to service.

(d) If the DOE has repaired a tank system in accordance with paragraph (5) of this Subsection, and the repair has been extensive (e.g., installation of an internal liner; repair of a ruptured primary containment or secondary containment vessel), the tank system shall not be returned to service unless: (1) the DOE has obtained a certification by a registered professional engineer that the repaired system is capable of handling hazardous/radioactive substances without release for the intended life of the system, and (2) this certification is approved by SCDHEC.

APPENDIX C: RCRA/CERCLA UNITS LIST

Revision 0 Appendix C for Fiscal Year 2019

C.1: RCRA/CERCLA Units and RCRA Regulated Units Sorted by Name

Name/Description of Unit

211-FB Pu-239 Release [3, 5], 081-F

SRS Index Number(s): 43 SEMS Number(s): 97
Area Operable Unit: None

313-M and 320-M Inactive Clay Process Sewers to Tims Branch [3], NBN

SRS Index Number(s): 234 SEMS Number(s): 19
Area Operable Unit: None

716-A Motor Shop Seepage Basin [3], 904-101G

SRS Index Number(s): 44 SEMS Number(s): 51
Area Operable Unit: None

A-001 Outfall [5], NBN

SRS Index Number(s): 481 SEMS Number(s): 62
Area Operable Unit: A

A-Area Ash Pile [3], 788-2A

SRS Index Number(s): 237 SEMS Number(s): 28
Area Operable Unit: None

A-Area Ash Pile [8], 788-A

SRS Index Number(s): 236 SEMS Number(s): 62
Area Operable Unit: None

A-Area Burning/Rubble Pits [3], 731-A and 1A
A-Area Rubble Pit [3], 731-2A

SRS Index Number(s): 46, 45, 49 SEMS Number(s): 28
Area Operable Unit: None

A-Area Coal Pile Runoff Basin [8], 788-3A

SRS Index Number(s): 47 SEMS Number(s): 62
Area Operable Unit: None

A-Area Miscellaneous Rubble Pile [3], 731-6A

SRS Index Number(s): 48 SEMS Number(s): 30
Area Operable Unit: None

A-Area Process Sewer Lines as Abandoned, NBN

SRS Index Number(s): 562 SEMS Number(s): 62
Area Operable Unit: A

Key explaining abbreviations and footnotes is located on the last page of C.1

Name/Description of Unit

Area on the North Side of Building 105-R [3,5], NBN, Laydown Area North of 105-R [3], NBN, and Release from the Decontamination of R-Area Reactor Disassembly Basin [3,5], NBN

SRS Index Number(s): 231, 233, 513 SEMS Number(s): 95
Area Operable Unit: R

Burma Road Rubble Pit [3], 231-4F

SRS Index Number(s): 30 SEMS Number(s): 18
Area Operable Unit: None

C-Area Burning/Rubble Pit [3], 131-C and Old C-Area Burning/Rubble Pit [3], NBN

SRS Index Number(s): 51, 566 SEMS Number(s): 31
Area Operable Unit: None

C-Area Coal Pile Runoff Basin [3], 189-C

SRS Index Number(s): 52 SEMS Number(s): 41
Area Operable Unit: None

C-Area Groundwater Operable Unit [2], NBN (including Building 108-3C, Fuel Unloading Facilities Power - Area Supv [11])

SRS Index Number(s): 146 SEMS Number(s): 82
Area Operable Unit: None

C-Area Process Sewer Lines as Abandoned, NBN [2]

SRS Index Number(s): 555 SEMS Number(s): 79
Area Operable Unit: C

C-Area Reactor Area Cask Car Railroad Tracks as Abandoned [2,5], NBN

SRS Index Number(s): 475 SEMS Number(s): 79
Area Operable Unit: C

C-Area Reactor Discharge Canal [5], NBN

SRS Index Number(s): 511 SEMS Number(s): 79
Area Operable Unit: C

C-Area Reactor Seepage Basins [3,5], 904-66G, -67G, -68G

SRS Index Number(s): 53, 54, 55 SEMS Number(s): 60
Area Operable Unit: None

Central Shops Burning/Rubble Pit [3], 631-6G

SRS Index Number(s): 31 SEMS Number(s): 11
Area Operable Unit: None

Key explaining abbreviations and footnotes is located on the last page of C.1

Name/Description of Unit

Central Shops Burning/Rubble Pits [3], 631-1G and -3G

SRS Index Number(s): 58, 59 SEMS Number(s): 50
Area Operable Unit: None

Central Shops Groundwater Operable Unit, NBN

SRS Index Number(s): 567 SEMS Number(s): 98
Area Operable Unit: None

Central Shops Scrap Lumber Pile, 631-2G [12]

SRS Index Number(s): 244 SEMS Number(s): 93
Area Operable Unit: None

Central Shops Sludge Lagoon [3], 080-24G

SRS Index Number(s): 60 SEMS Number(s): 68
Area Operable Unit: None

Chemicals, Metals, and Pesticides Pits (CMP Pits) [3], 080-170G, -171G, -180G, -181G, -182G, 183G, and -190G

SRS Index Number(s): 61, 62, 63, 64, 65, 66, 67 SEMS Number(s): 24
Area Operable Unit: None

Combined Spills from 211-H [5], NBN

SRS Index Number(s): 260 SEMS Number(s): 61
Area Operable Unit: H

Combined Spills from 221-F [5], NBN

SRS Index Number(s): 485 SEMS Number(s): 88
Area Operable Unit: F

Combined Spills from 241-84H [5], NBN

SRS Index Number(s): 261 SEMS Number(s): 61
Area Operable Unit: H

Combined Spills from 483-D and Associated Areas [5], NBN

SRS Index Number(s): 265 SEMS Number(s): 63
Area Operable Unit: D

Combined Spills from H-Canyon [5], NBN

SRS Index Number(s): 512 SEMS Number(s): 61
Area Operable Unit: H

Name/Description of Unit

Combined Spills from K-Area Complex, 106-K [5] and 109-K [5], NBN

SRS Index Number(s): 514 SEMS Number(s): 90

Area Operable Unit: K

Combined Spills North of Building 105-R [3, 5], NBN

SRS Index Number(s): 517 SEMS Number(s): 95

Area Operable Unit: R

D-006 Petroleum Release Site, NBN

SRS Index Number(s): 570 SEMS Number(s): 69

Area Operable Unit: None

D-Area Asbestos Pit [2, 10], 080-20G

SRS Index Number(s): 211 SEMS Number(s): 63

Area Operable Unit: D

D-Area Ash Basin Wetlands, NBN

SRS Index Number(s): 569 SEMS Number(s): 69

Area Operable Unit: None

D-Area Ash Basin, 488-1D

SRS Index Number(s): 238 SEMS Number(s): 63

Area Operable Unit: D

D-Area Ash Basin, 488-2D

SRS Index Number(s): 272 SEMS Number(s): 63

Area Operable Unit: D

D-Area Ash Landfill, 488-4D

SRS Index Number(s): 548 SEMS Number(s): 63

Area Operable Unit: D

D-Area Burning/Rubble Pits [3], 431-D and -1D

SRS Index Number(s): 33, 32 SEMS Number(s): 15

Area Operable Unit: None

D-Area Coal Pile Runoff Basin [2, 10], 489-D

SRS Index Number(s): 69 SEMS Number(s): 63

Area Operable Unit: D

Name/Description of Unit

D-Area Expanded Operable Unit [3], Comprised of:
- D-Area Ash Basin, 488-D and
- D-Area Rubble Pit, 431-2D

SRS Index Number(s): 68, 273 SEMS Number(s): 67
Area Operable Unit: None

D-Area Groundwater Operable Unit (D-Area Upgradient Sources), NBN

SRS Index Number(s): 520 SEMS Number(s): 63
Area Operable Unit: None

D-Area Oil Seepage Basin [3], 631-G

SRS Index Number(s): 26 SEMS Number(s): 27
Area Operable Unit: None

D-Area Process Sewer Lines as Abandoned [2, 10], NBN

SRS Index Number(s): 558 SEMS Number(s): 63
Area Operable Unit: D

D-Area Waste Oil Facility [9], 484-10D

SRS Index Number(s): 70 SEMS Number(s): 63
Area Operable Unit: D

Ditch to Outfall H-012 (Tributary to Fourmile Creek), NBN

SRS Index Number(s): 274 SEMS Number(s): 61
Area Operable Unit: H

E-Area Low Level Waste Facility [2, 5], 643-26E

SRS Index Number(s): 592 SEMS Number(s): 86
Area Operable Unit: None

ECODS B-3 [3] (East of B Area, South of Road C), NBN and ECODS B-5 [3], NBN

SRS Index Number(s): 528, 530 SEMS Number(s): 48
Area Operable Unit: B

ECODS C-1 (Near C-Area Reactor Discharge Canal), NBN [2]

SRS Index Number(s): 522 SEMS Number(s): 79
Area Operable Unit: C

ECODS H-1 (West of H-Area Facilities), NBN

SRS Index Number(s): 531 SEMS Number(s): 61
Area Operable Unit: H

Key explaining abbreviations and footnotes is located on the last page of C.1

Name/Description of Unit

ECODS L-1, NBN [3, 7]

SRS Index Number(s): 535 SEMS Number(s): 22
Area Operable Unit: None

ECODS L-3 (East of L Area), NBN [13]

SRS Index Number(s): 537 SEMS Number(s): 91
Area Operable Unit: None

ECODS N-1 (South of N Area), NBN [12]

SRS Index Number(s): 525 SEMS Number(s): 93
Area Operable Unit: None

ECODS N-2 [3, 7], NBN

SRS Index Number(s): 545 SEMS Number(s): 22
Area Operable Unit: None

ECODS P-2 [3, 7], NBN

SRS Index Number(s): 539 SEMS Number(s): 22
Area Operable Unit: None

ECODS R-1A [3, 7], -1B [3, 7], -1C [3, 7], NBN

SRS Index Number(s): 540 SEMS Number(s): 22
Area Operable Unit: None

Engineered Drainage Ditch Northeast of the Heavy Equipment Maintenance Area [5], NBN

SRS Index Number(s): 574 SEMS Number(s): 93
Area Operable Unit: N

F & H-Area Hazardous Waste Management Facilities (Groundwater) [1, 2, 4] , NBN

SRS Index Number(s): 19 SEMS Number(s): 8, 9
Area Operable Unit: None

F-Area Acid/Caustic Basin [1, 6], 904-74G

SRS Index Number(s): 2 SEMS Number(s): SNA
Area Operable Unit: None

F-Area Burning/Rubble Pits [3], 231-F, -1F, and -2F

SRS Index Number(s): 36, 34, 35 SEMS Number(s): 14
Area Operable Unit: None

Name/Description of Unit

F-Area Coal Pile Runoff Basin [3], 289-F

SRS Index Number(s): 71 SEMS Number(s): 42
Area Operable Unit: None

F-Area Hazardous Waste Management Facility [1, 4], 904-41G, -42G, -43G

SRS Index Number(s): 3, 4, 5 SEMS Number(s): 6
Area Operable Unit: None

F-Area Inactive Process Sewer Lines from Building to the Security Fence [4], 081-1F

SRS Index Number(s): 141 SEMS Number(s): 88
Area Operable Unit: F

F-Area Process Sewer Lines as Abandoned, NBN

SRS Index Number(s): 563 SEMS Number(s): 88
Area Operable Unit: F

F-Area Retention Basin [3], 281-3F

SRS Index Number(s): 73 SEMS Number(s): 23
Area Operable Unit: None

F-Area Retention Basin, 281-8F

SRS Index Number(s): 280 SEMS Number(s): 23
Area Operable Unit: F Tank Farm

F-Area Tank Farm, 241-F, including: Combined Spills from 242-F, NBN; Spill on 10/01/71 of 100 ft^2 of Flush Water-Rad, NBN; Spill on 06/26/75 of 250 ft^3 of Rad Contaminated Soil, NBN; F-Area Tank Farm, 241-F [F-Area Tank Farm Groundwater Operable Unit; Spill on 05/01/57 of 125 ft^2 of rad liquid from solvent trailer (formerly Index No. 200)(WMF-008); Flush of Feed Pump to 242-F Spill Water in the Ground, 04/01/66 (WMF-017); Tank 19 Contaminated Area (WMF-001 & -002); 242-F Contaminated Area (WMF-003); Tank 7 Contaminated Area (WMF-004); Tank 8 Contaminated Area (WMF-005)]; Spill on 01/19/83 of 1000 sq ft of Radioactive Spill, NBN; Spill on 04/14/81 of 3 gal of Contaminated Flush Water-Rad, NBN; Spill on 05/30/78 of Unknown of Sump Overflow, NBN; Spill on 10/16/81 of 30 gal of Low Level Waste from Trailer, NBN; Spill on 06/06/79 of <1 gal of Contaminated Liquid, NBN; Spill on 03/01/66 of 500 ft^2 of Flush Water-Rad, NBN; Spill on 04/57 of Rad Liquid from Solvent Trailer, NBN; Spill on 05/28/81 of 9000 gal Chromated Water, NBN

SRS Index Number(s): 263, 283, 376, 381, 399, 431 SEMS Number(s): 23
Area Operable Unit: F Tank Farm

Name/Description of Unit

Fire Department Hose Training Facility [3], 904-113G

SRS Index Number(s): 74 SEMS Number(s): 10

Area Operable Unit: None

Ford Building Seepage Basin [3], 904-91G

SRS Index Number(s): 75 SEMS Number(s): 58

Area Operable Unit: None

Ford Building Waste Site [3], 643-11G

SRS Index Number(s): 76 SEMS Number(s): 57

Area Operable Unit: None

Fourmile Branch Integrator Operable Unit [5], NBN (Including the Un-Named Tributary of Fourmile Branch South of C Area, NBN)

SRS Index Number(s): 504 SEMS Number(s): 84

Area Operable Unit: None

G-Area Oil Seepage Basin, 761-13G

SRS Index Number(s): 77 SEMS Number(s): 93

Area Operable Unit: None

General Separations Area Consolidation Unit [3]
- Old Radioactive Waste Burial Ground (Including Old Solvent Tanks 650-01E through 650 -22E) (643-E)
- HP-52 Ponds
- H-Area Retention Basin (281-3H) and Spill on 05/01/1956 of Unknown Amount of Retention Basin Pipe Leak (NBN)
- Warner's Pond (685-23G) and Spill on 03/08/1978 of Unknown Seepage Basin Pipe Leak in H-Area Seepage Basin (NBN) and Spill on 02/08/1978 of Unknown H-Area Process Sewer Line Cave-In, NBN

SRS Index Number(s): 18, 29, 28, 417, 27, 405, 398 SEMS Number(s): 32

Area Operable Unit: None

General Separations Area Eastern Groundwater Operable Unit, NBN

SRS Index Number(s): 549 SEMS Number(s): 46

Area Operable Unit: None

General Separations Area Western Groundwater Operable Unit, NBN

SRS Index Number(s): 575 SEMS Number(s): 85

Area Operable Unit: None

Key explaining abbreviations and footnotes is located on the last page of C.1

Name/Description of Unit

Grace Road Site [3], 631-22G

SRS Index Number(s): 37 SEMS Number(s): 45
Area Operable Unit: None

Gunsite 012 Rubble Pile, NBN, Rubble Pile Across from Gunsite 012, NBN, and ECODS G-3 (Adjacent to Gunsite 012), NBN (aka Gunsite 012 Operable Unit, NBN) [3]

SRS Index Number(s): 163, 337, 544 SEMS Number(s): 78
Area Operable Unit: None

Gunsite 113 Access Road [3], 631-24G

SRS Index Number(s): 38 SEMS Number(s): 5
Area Operable Unit: None

Gunsite 218 Rubble Pile [3], 631-23G (aka Gunsite 218 Operable Unit)

SRS Index Number(s): 39 SEMS Number(s): 80
Area Operable Unit: None

Gunsite 720 Rubble Pit [3], 631-16G

SRS Index Number(s): 40 SEMS Number(s): 4
Area Operable Unit: None

H-Area Acid/Caustic Basin [1, 6], 904-75G

SRS Index Number(s): 6 SEMS Number(s): SNA
Area Operable Unit: None

H-Area Coal Pile Runoff Basin, 289-H

SRS Index Number(s): 79 SEMS Number(s): 61
Area Operable Unit: H

H-Area Hazardous Waste Management Facility [1, 4], 904-44G, -45G, -46G, -56G

SRS Index Number(s): 7, 9, 8, 10 SEMS Number(s): 7
Area Operable Unit: None

H-Area Inactive Process Sewer Lines from Building to Manhole P-44 [4], 081-H

SRS Index Number(s): 142 SEMS Number(s): 61
Area Operable Unit: H

H-Area Process Sewer Lines as Abandoned, NBN

SRS Index Number(s): 591 SEMS Number(s): 61
Area Operable Unit: H

Key explaining abbreviations and footnotes is located on the last page of C.1

Name/Description of Unit

H-Area Retention Basin [4, 5], 281-1H
H-Area Retention Basin [4, 5], 281-2H
H-Area Retention Basin [4, 5] (Including the Former 281-7H Basin), 281-8H

SRS Index Number(s): 294, 295, 293 SEMS Number(s): 61
Area Operable Unit: H

H-Area Tank Farm, 241-H, including: H-Area Tank Farm, 241-H [H-Area Tank Farm Groundwater Operable Unit; Tank 37 Steam Line Contamination Area; Tank 37 to HDB-6 Capped Transfer Line; Concentrate Transfer System Contamination Area; 242-H Evaporator Contamination Area; Rock Bank Contamination Area; Diversion Box 5 Contamination Area; Tanks 9-12 Contamination Area; Tanks 13-16 Contamination Area; Pump Pits 5 and 6 Contamination Area]; Combined Spills from 241-H, NBN [Spill on 12/29/83 Piping Leak Top of Tank 13; Spill on 09/13/91 of Chromated Water from Underground Line; Spill on 01/06/81 of 10 gal Water from Cesium Removal Column]; Combined Spills from 242-H, NBN [Spill on 06/14/82 of 600-800 gal from Evaporator; Spill on 07/14/82 of 600-800 gal from Evaporator Overhead; Spill from Tank 13 Leak Detection Box; Spill on 02/01/69 of Unknown Waste Tank Spill, NBN]; Diversion Box - Rad from 907-1H, NBN; Spill on 01/19/80 of Unknown of Chromated Water from H-Area Pump House, NBN; Spill on 11/10/81 of 500 gal of Chromated Water from 243-H, NBN; Spill on 04/18/80 of Unknown of Chromated Water from Valve House 3, NBN; Spill on 03/28/87 of <15,000 gal Chromated Water from 241-24H, NBN; Spill on 05/02/85 of 10 gal Cooling Water from Tank Farm, NBN

SRS Index Number(s): 298, 262, 264, 275, 375, 403 SEMS Number(s): 89
Area Operable Unit: H Tank Farm

Heavy Equipment Maintenance Area Miscellaneous Units (Consisting of Heavy Equipment Wash Areas #1, #2, and #3, Pickling Building, Drum Storage Area, Spray Irrigation Field, Outfall N-01, and Outfall N-02), NBN

SRS Index Number(s): 573 SEMS Number(s): 93
Area Operable Unit: N

Heavy Equipment Wash Basin [3], NBN and Central Shops Burning/Rubble Pit [3], 631-5G

SRS Index Number(s): 502, 57 SEMS Number(s): 53
Area Operable Unit: None

Hydrofluoric Acid Spill [3, 5], 631-4G

SRS Index Number(s): 82 SEMS Number(s): 75
Area Operable Unit: None

Name/Description of Unit

K-Area Acid/Caustic Basin [1, 6], 904-80G

SRS Index Number(s): 11 SEMS Number(s): SNA

Area Operable Unit: None

K-Area Ash Basin, 188-0K

SRS Index Number(s): 300 SEMS Number(s): 90

Area Operable Unit: None

K-Area Bingham Pump Outage Pit [3, 5], 643-1G

SRS Index Number(s): 83 SEMS Number(s): 20

Area Operable Unit: None

K-Area Burning/Rubble Pit [3], 131-K
K-Area Rubble Pile [3], 631-20G

SRS Index Number(s): 84, 88 SEMS Number(s): 40

Area Operable Unit: None

K-Area Coal Pile Runoff Basin [3], 189-K

SRS Index Number(s): 85 SEMS Number(s): 52

Area Operable Unit: None

K-Area Groundwater Operable Unit (Including Tritium Anomaly), NBN

SRS Index Number(s): 519 SEMS Number(s): 99

Area Operable Unit: None

K-Area Process Sewer Lines as Abandoned, NBN

SRS Index Number(s): 572 SEMS Number(s): 90

Area Operable Unit: K

K-Area Reactor Area Cask Car Railroad Tracks as Abandoned [5], NBN

SRS Index Number(s): 476 SEMS Number(s): 90

Area Operable Unit: K

K-Area Reactor Discharge Canal [5], NBN

SRS Index Number(s): 460 SEMS Number(s): 74

Area Operable Unit: None

K-Area Reactor Seepage Basin [3, 5], 904-65G

SRS Index Number(s): 87 SEMS Number(s): 55

Area Operable Unit: None

Name/Description of Unit

K-Area Sludge Land Application Site [3], 761-4G

SRS Index Number(s): 89 SEMS Number(s): 87
Area Operable Unit: None

L-Area Ash Basin, 188-0L [13]

SRS Index Number(s): 148 SEMS Number(s): 91
Area Operable Unit: None

L-Area Bingham Pump Outage Pits [3,5], 643-2G and -3G

SRS Index Number(s): 91, 92 SEMS Number(s): 26
Area Operable Unit: None

L-Area Burning/Rubble Pit [3], 131-L
Gas Cylinder Disposal Facility [3], 131-2L
L-Area Rubble Pile [3], 131-3L

SRS Index Number(s): 93, 78, 169 SEMS Number(s): 56
Area Operable Unit: None

L-Area Hot Shop (Including Sandblast Area CML-003, NBN) [3] , 717-G

SRS Index Number(s): 94 SEMS Number(s): 76
Area Operable Unit: None

L-Area Northern Groundwater Operable Unit [3], NBN

SRS Index Number(s): 503 SEMS Number(s): 77
Area Operable Unit: None

L-Area Oil/Chemical Basin [3], 904-83G
L-Area Acid/Caustic Basin [3], 904-79G

SRS Index Number(s): 96, 95 SEMS Number(s): 17
Area Operable Unit: None

L-Area Process Sewer Lines as Abandoned, NBN

SRS Index Number(s): 560 SEMS Number(s): 91
Area Operable Unit: L

L-Area Reactor Area Cask Car Railroad Tracks as Abandoned [5], NBN

SRS Index Number(s): 479 SEMS Number(s): 91
Area Operable Unit: L

Name/Description of Unit

L-Area Reactor Seepage Basin [3, 5], 904-64G

SRS Index Number(s): 306 SEMS Number(s): 65
Area Operable Unit: None

L-Area Rubble Pit, 131-1L [13]

SRS Index Number(s): 98 SEMS Number(s): 91
Area Operable Unit: None

L-Area Rubble Pit, 131-4L [13]

SRS Index Number(s): 99 SEMS Number(s): 91
Area Operable Unit: None

L-Area Southern Groundwater Operable Unit [3], NBN

SRS Index Number(s): 487 SEMS Number(s): 77
Area Operable Unit: None

Low Level Radioactive Drain Lines from F-Area Laboratory [5], 772-F
F-Area Laboratory (772-F & -1F) High Activity Tanks C [5] and D [5]

SRS Index Number(s): 308 SEMS Number(s): 88
Area Operable Unit: F

Low Level Radioactive Waste Disposal Facility [5]: The non-hazardous waste disposal portion of 643 -7E (Including Combined Spills from 643-G as reported in WSRC-RP-97-419, NBN), 643-7E

SRS Index Number(s): 571, 266 SEMS Number(s): 86
Area Operable Unit: None

Lower Three Runs Integrator Operable Unit [5], NBN

SRS Index Number(s): 505 SEMS Number(s): 35
Area Operable Unit: None

M-Area Hazardous Waste Management Facility: A/M Area Groundwater Portion [1, 2], NBN

SRS Index Number(s): 23 SEMS Number(s): 36
Area Operable Unit: None

M-Area Hazardous Waste Management Facility: Lost Lake [1, 2, 6], 904-112G

SRS Index Number(s): 12 SEMS Number(s): 1
Area Operable Unit: None

M-Area Hazardous Waste Management Facility: M-Area Settling Basin [1, 2, 6], 904-51G

SRS Index Number(s): 13 SEMS Number(s): 1
Area Operable Unit: None

Key explaining abbreviations and footnotes is located on the last page of C.1

Revision 0 Appendix C for Fiscal Year 2019

C.1: RCRA/CERCLA Units and RCRA Regulated Units Sorted by Name

Name/Description of Unit

M-Area Hazardous Waste Management Facility: M-Area Vadose Zone [1], 904-51G

SRS Index Number(s): 484 SEMS Number(s): 1

Area Operable Unit: None

M-Area Settling Basin Inactive Process Sewers to Manhole 1 [3], 081-M

SRS Index Number(s): 100 SEMS Number(s): 19

Area Operable Unit: None

M-Area West [3], 631-21G

SRS Index Number(s): 14 SEMS Number(s): 12

Area Operable Unit: None

Metallurgical Laboratory Hazardous Waste Management Facility/Carolina Bay [1, 2], 904-110G

SRS Index Number(s): 15, 56 SEMS Number(s): 2

Area Operable Unit: None

Miscellaneous Chemical Basin/Metals Burning Pit [3], 731-4A, -5A

SRS Index Number(s): 101, 102 SEMS Number(s): 28

Area Operable Unit: None

Mixed Waste Management Facility (Groundwater) [1, 4], NBN

SRS Index Number(s): 103 SEMS Number(s): 33

Area Operable Unit: None

Mixed Waste Management Facility [1, 4] (Including the RCRA Regulated Portions of LLRWDF 643 -7E), 643-28E

SRS Index Number(s): 16, 20 SEMS Number(s): 33

Area Operable Unit: None

N-Area Process Sewer Lines as Abandoned, NBN

SRS Index Number(s): 565 SEMS Number(s): 93

Area Operable Unit: N

New Salvage Yard, 741-G

SRS Index Number(s): 311 SEMS Number(s): 93

Area Operable Unit: N

Non-Radioactive Waste Disposal Facility [1, 6] (aka Sanitary Landfill), 740-G

SRS Index Number(s): 21, 22 SEMS Number(s): SNA

Area Operable Unit: None

Name/Description of Unit

Old F-Area Seepage Basin [3], 904-49G

SRS Index Number(s): 105 SEMS Number(s): 16
Area Operable Unit: None

Old R-Area Discharge Canal [5], NBN

SRS Index Number(s): 312 SEMS Number(s): 35
Area Operable Unit: None

P-Area Acid/Caustic Basin [1,6], 904-78G

SRS Index Number(s): 17 SEMS Number(s): SNA
Area Operable Unit: None

P-Area Ash Basin (Including Outfall P-007) [3], 188-0P

SRS Index Number(s): 313 SEMS Number(s): 94
Area Operable Unit: P

P-Area Bingham Pump Outage Pit [3, 5], 643-4G

SRS Index Number(s): 107 SEMS Number(s): 39
Area Operable Unit: None

P-Area Burning/Rubble Pit [3], 131-P

SRS Index Number(s): 108 SEMS Number(s): 59
Area Operable Unit: None

P-Area Coal Pile Runoff Basin [3], 189-P

SRS Index Number(s): 109 SEMS Number(s): 54
Area Operable Unit: None

P-Area Groundwater Operable Unit, NBN

SRS Index Number(s): 143 SEMS Number(s): 81
Area Operable Unit: None

P-Area Process Sewer Lines as Abandoned [3], NBN and Spill on 03/15/79 of 5500 Gallons of Contaminated Water [3, 5], NBN

SRS Index Number(s): 557, 126 SEMS Number(s): 94
Area Operable Unit: P

P-Area Reactor Area Cask Car Railroad Tracks as Abandoned [3, 5], NBN

SRS Index Number(s): 477 SEMS Number(s): 94
Area Operable Unit: P

Name/Description of Unit

P-Area Reactor Seepage Basins [3, 5], 904-61G, -62G, and -63G

SRS Index Number(s): 317, 318, 319 SEMS Number(s): 66
Area Operable Unit: None

PAR Pond [2, 5] (Including the Pre-Cooler Ponds and Canals), 685-G

SRS Index Number(s): 110 SEMS Number(s): 35
Area Operable Unit: None

PAR Pond Sludge Land Application Site [3], 761-5G

SRS Index Number(s): 111 SEMS Number(s): 87
Area Operable Unit: None

Pen Branch Integrator Operable Unit [5], NBN (Including Indian Grave Branch, NBN)

SRS Index Number(s): 506 SEMS Number(s): 74
Area Operable Unit: None

Potential Release from C-Area Disassembly Basin [2, 5], NBN

SRS Index Number(s): 240 SEMS Number(s): 79
Area Operable Unit: C

Potential Release from C-Area Reactor Cooling Water System [2, 5], 186/190-C

SRS Index Number(s): 242 SEMS Number(s): 79
Area Operable Unit: C

Potential Release from K-Area Disassembly Basin [5], NBN

SRS Index Number(s): 301 SEMS Number(s): 90
Area Operable Unit: K

Potential Release from K-Area Reactor Cooling Water System [5], 186/190-K

SRS Index Number(s): 302 SEMS Number(s): 90
Area Operable Unit: K

Potential Release from L-Area Disassembly Basin [5], NBN

SRS Index Number(s): 303 SEMS Number(s): 91
Area Operable Unit: L

Potential Release from L-Area Reactor Cooling Water System [5], 186/190-L

SRS Index Number(s): 305 SEMS Number(s): 91
Area Operable Unit: L

Name/Description of Unit

Potential Release from P-Area Disassembly Basin [3, 5], NBN

SRS Index Number(s): 314 SEMS Number(s): 94
Area Operable Unit: P

Potential Release from P-Area Reactor Cooling Water System [3, 5], 186/190-P

SRS Index Number(s): 316 SEMS Number(s): 94
Area Operable Unit: P

Potential Release from R-Area Disassembly Basin [3, 5], NBN

SRS Index Number(s): 330 SEMS Number(s): 95
Area Operable Unit: R

Potential Release of Heavy Metals from 321-M Abandoned Sewer Line [3], NBN

SRS Index Number(s): 326 SEMS Number(s): 92
Area Operable Unit: M

Potential Release of $NaOH/H_2SO_4$ from 183-2R [3, 5], NBN

SRS Index Number(s): 324 SEMS Number(s): 95
Area Operable Unit: R

R-Area Acid/Caustic Basin [3], 904-77G

SRS Index Number(s): 112 SEMS Number(s): 72
Area Operable Unit: None

R-Area Ash Basin [3], 188-0R

SRS Index Number(s): 329 SEMS Number(s): 95
Area Operable Unit: R

R-Area Bingham Pump Outage Pits [3, 5], 643-8G, -9G, and -10G
R-Area Unknown Pit #1 (RUNK-1), Pit #2 (RUNK-2), and Pit #3 (RUNK-3) [3, 5], NBN

SRS Index Number(s): 114, 115, 113, 550, 551, 552 SEMS Number(s): 38
Area Operable Unit: None

R-Area Burning/Rubble Pits [3], 131-R and -1R and R-Area Rubble Pile [3], 631-25G

SRS Index Number(s): 117, 116, 118 SEMS Number(s): 43
Area Operable Unit: None

R-Area Groundwater Operable Unit [3], NBN

SRS Index Number(s): 288 SEMS Number(s): 95
Area Operable Unit: R

Key explaining abbreviations and footnotes is located on the last page of C.1

Name/Description of Unit

R-Area Process Sewer Lines as Abandoned [3], NBN and Cooling Water Effluent Sump [3], 107-R

SRS Index Number(s): 556, 271 SEMS Number(s): 95
Area Operable Unit: R

R-Area Reactor Area Cask Car Railroad Tracks as Abandoned [3, 5], NBN

SRS Index Number(s): 478 SEMS Number(s): 95
Area Operable Unit: R

R-Area Reactor Seepage Basins [3, 5], 904-57G, -58G, -59G, -60G, -103G, and -104G
108-4R Overflow Basin [3, 5], 108-4R

SRS Index Number(s): 121, 122, 123, 124, 119, 120, 42 SEMS Number(s): 25
Area Operable Unit: None

Road A Chemical Basin [3], 904-111G

SRS Index Number(s): 125 SEMS Number(s): 64
Area Operable Unit: None

Salvage Yard [3], 741-A

SRS Index Number(s): 340 SEMS Number(s): 92
Area Operable Unit: M

Sandblast Area CMF-001, NBN

SRS Index Number(s): 343 SEMS Number(s): 88
Area Operable Unit: F

Sandblast Area CMH-001, NBN

SRS Index Number(s): 344 SEMS Number(s): 61
Area Operable Unit: H

Sandblast Area CMH-002, NBN [14]

SRS Index Number(s): 346 SEMS Number(s): 61
Area Operable Unit: None

Sandblast Area CMN-001, NBN [12]

SRS Index Number(s): 354 SEMS Number(s): 93
Area Operable Unit: N

Name/Description of Unit

Savannah River and Floodplain Swamp Integrator Operable Unit [5], NBN (Including Beaver Dam Creek, D-Area Effluent Discharge Canal, and Ash Area Adjacent to and Easterly of D-Area Ash Basins 488-1D and 488-2D [15])

SRS Index Number(s): 508 SEMS Number(s): 69
Area Operable Unit: None

Silverton Road Waste Site [3], 731-3A

SRS Index Number(s): 41 SEMS Number(s): 13
Area Operable Unit: None

Spill on 01/12/87 of <100 Gm of Mercury North of 211-H [5], NBN

SRS Index Number(s): 374 SEMS Number(s): 61
Area Operable Unit: H

Spill on 02/01/57 of Unknown of Seepage Basin Pipe Leak from 904-44G [5, 14], NBN

SRS Index Number(s): 225 SEMS Number(s): 61
Area Operable Unit: None

Spill on 02/01/83 of 50 Gal of Oil - Rad [5], NBN

SRS Index Number(s): 391 SEMS Number(s): 61
Area Operable Unit: H

Spill on 02/25/85 of 20000 CM of Water Vapor - Rad [5], NBN

SRS Index Number(s): 394 SEMS Number(s): 88
Area Operable Unit: F

Spill on 04/24/91 of .11 Ci of Pu 239 from F-Area Laboratory [5], 772-1F

SRS Index Number(s): 414 SEMS Number(s): 88
Area Operable Unit: F

Spill on 05/26/88 of 10 Gal of Ethylene Glycol-Rad from F-Area Laboratory [5], NBN

SRS Index Number(s): 429 SEMS Number(s): 88
Area Operable Unit: F

Spill on 06/01/59 of <1 Ci of Segregated Solvent from 211-F [5], NBN

SRS Index Number(s): 435 SEMS Number(s): 88
Area Operable Unit: F

Spill on 10/07/85 of 20,000 Gallons of Contaminated Water from 244-H [5], NBN

SRS Index Number(s): 332 SEMS Number(s): 61
Area Operable Unit: H

Key explaining abbreviations and footnotes is located on the last page of C.1

Name/Description of Unit

SRL 904-A Process Trench (includes Stormwater Outfall A-002) [5], 904-A
Spill on 12/01/1971 of 1000 Gal of Rad Water from SRL [5], NBN
SRL Mixed Waste Storage Tanks [5], 776-A

SRS Index Number(s): 131, 387 SEMS Number(s): 62
Area Operable Unit: A

SRL Groundwater [1], NBN

SRS Index Number(s): 24 SEMS Number(s): 37
Area Operable Unit: None

SRL Oil Test Site [3], 080-16G

SRS Index Number(s): 132 SEMS Number(s): 83
Area Operable Unit: None

SRL Seepage Basins [3], 904-53G1, -53G2, -54G, and -55G

SRS Index Number(s): 133, 134, 135, 136 SEMS Number(s): 47
Area Operable Unit: None

Steel Creek Integrator Operable Unit [5, 16], NBN (Including L Lake, NBN, L-Area Reactor Discharge Canal, NBN, P-Area Reactor Discharge Canal, NBN, and Wetland Area at Dunbarton Bay, NBN)

SRS Index Number(s): 509, 462 SEMS Number(s): 71
Area Operable Unit: None

Stormwater Outfall A-013 [5, 8], NBN

SRS Index Number(s): 483 SEMS Number(s): 62
Area Operable Unit: None

Stormwater Outfall A-024 [5], NBN

SRS Index Number(s): 458 SEMS Number(s): 62
Area Operable Unit: A

T Area Operable Unit [3], Comprised of:
- Neutralization Sump, 678-T
- TNX Outfall Delta, Lower Discharge Gully, and Swamp, NBN
- TNX-Area Process Sewer Lines and Tile Fields as Abandoned, NBN
- X-001 Outfall Drainage Ditch, NBN
- See DOE Letter SGP-05-128 for list of decommissioned facilities added to T Area Completion

SRS Index Number(s): 310, 500, 559, 467 SEMS Number(s): 96
Area Operable Unit: T

Name/Description of Unit

Tank 105-C Hazardous Waste Management Facility [3], NBN

SRS Index Number(s): 1 SEMS Number(s): 34
Area Operable Unit: None

TNX Operable Unit [3], Comprised of:
- New TNX Seepage Basin, 904-102G
- Old TNX Seepage Basin, 904-76G
- TNX Burying Ground, 643-5G (Including Spill on 01/12/53 of 1/2 Ton of Uranyl Nitrate, NBN)
- TNX Groundwater, 082-G

SRS Index Number(s): 104, 106, 139, 127, 25 SEMS Number(s): 21, 29
Area Operable Unit: None

Underground Sump 321 M #001 [3], 321-M
Underground Sump 321 M #002 [3], 321-M

SRS Index Number(s): 465, 466 SEMS Number(s): 92
Area Operable Unit: M

Upper Three Runs Integrator Operable Unit [5], NBN (Including Tims Branch [5], NBN & Steed Pond, NBN)

SRS Index Number(s): 510, 456 SEMS Number(s): 70
Area Operable Unit: None

West of SREL "Georgia Fields" Site [3], 631-19G

SRS Index Number(s): 140 SEMS Number(s): 73
Area Operable Unit: None

Revision 0 Appendix C for Fiscal Year 2019

C.1: RCRA/CERCLA Units and RCRA Regulated Units Sorted by Name

Name/Description of Unit

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[1] Units that are, or are associated with, units listed on Appendix H, Solid Waste Management Units.
[2] Units that have had an Interim or Early Action Record of Decision issued. If the Final Record of Decision has been issued for the units, then only the designation for the Final Record of Decision is shown.
[3] **Units that have had a Final Record of Decision issued.**
[4] Units that are located in more than one Watershed.
[5] Units that do not require a RCRA Permit modification (not subject to RCRA 3004(u) requirements).
[6] Units that were closed under RCRA.
[7] These ECODS are located in different watersheds; however, they have been combined from a remedial decision perspective due to similar characteristics.
[8] The A-Area Ash Pile (788-A), A-Area Coal Pile Runoff Basin (788-3A), and Stormwater Outfall A-013 (NBN) will be addressed through one set of FFA documention due to their proximity to one another.
[9] This entry is for the environmental media associated with the 484-10D Facility.
[10] Refer to the Early Action Record of Decision for the D Area Operable Unit (DAOU) (SRNS-RP-2010-00162, Revsion 1.2, July 2011) for more information.
[11] This facility was not addressed per FDE protocols; however, this facility will receive final disposition as a remedial action conducted as part of the ongoing remedial action for the associated operable unit.
[12] These OUs will be addressed through one set of FFA documentation due to their proximity to one another.
[13] These OUs will be addressed through one set of FFA documentation due to their proximity to one another.
[14] These OUs will be addressed through one set of FFA documentation due to their proximity to one another.
[15] A separate schedule for the D-Area Effluent Discharge Canal and Ash Area Adjacent to and Easterly of D-Area Ash Basins 488-1D and 488-2D may be developed by the Core Team pending the results of the D-Area Groundwater Operable Unit remedial investigation process.
[16] The Record of Decision for the Wetland Area at Dunbarton Bay (SRNS-RP-2013-00730, Revision 1, April 2018) was issued on 06/20/2018.

SRS Index Number is a unique identifier assigned to each individual Unit
This number is used by SRS for tracking and is not meant to imply a ranking or priority.

SEMS: The EPA's Superfund Entriprise Management System database.
SNA: SEMS Number not assigned
ECODS: Early Construction and Operational Disposal Site
FFA: Federal Facility Agreement
LLRWDF: Low Level Radioactive Waste Disposal Facility
RCRA: Resource Conservation and Recovery Act

Key explaining abbreviations and footnotes is located on the last page of C.1

Revision 0 Appendix C for Fiscal Year 2019

C.2: RCRA/CERCLA Units and RCRA Regulated Units Sorted by Watershed

Watershed

IOU

Name/Description of Unit

Fourmile Branch Watershed

Fourmile Branch Integrator Operable Unit

211-FB Pu-239 Release [3, 5], 081-F

SRS Index Number(s): 43 SEMS Number(s): 97
Area Operable Unit: None

C-Area Burning/Rubble Pit [3], 131-C and Old C-Area Burning/Rubble Pit [3], NBN

SRS Index Number(s): 51, 566 SEMS Number(s): 31
Area Operable Unit: None

C-Area Coal Pile Runoff Basin [3], 189-C

SRS Index Number(s): 52 SEMS Number(s): 41
Area Operable Unit: None

C-Area Groundwater Operable Unit [2], NBN (including Building 108-3C, Fuel Unloading Facilities Power - Area Supv [11])

SRS Index Number(s): 146 SEMS Number(s): 82
Area Operable Unit: None

C-Area Process Sewer Lines as Abandoned, NBN [2]

SRS Index Number(s): 555 SEMS Number(s): 79
Area Operable Unit: C

C-Area Reactor Area Cask Car Railroad Tracks as Abandoned [2, 5], NBN

SRS Index Number(s): 475 SEMS Number(s): 79
Area Operable Unit: C

C-Area Reactor Discharge Canal [5], NBN

SRS Index Number(s): 511 SEMS Number(s): 79
Area Operable Unit: C

C-Area Reactor Seepage Basins [3, 5], 904-66G, -67G, -68G

SRS Index Number(s): 53, 54, 55 SEMS Number(s): 60
Area Operable Unit: None

Watershed

IOU

Name/Description of Unit

Central Shops Burning/Rubble Pits [3], 631-1G and -3G

SRS Index Number(s): 58, 59 SEMS Number(s): 50
Area Operable Unit: None

Central Shops Groundwater Operable Unit, NBN

SRS Index Number(s): 567 SEMS Number(s): 98
Area Operable Unit: None

Central Shops Scrap Lumber Pile, 631-2G [12]

SRS Index Number(s): 244 SEMS Number(s): 93
Area Operable Unit: None

Central Shops Sludge Lagoon [3], 080-24G

SRS Index Number(s): 60 SEMS Number(s): 68
Area Operable Unit: None

Combined Spills from 211-H [5], NBN

SRS Index Number(s): 260 SEMS Number(s): 61
Area Operable Unit: H

Combined Spills from 221-F [5], NBN

SRS Index Number(s): 485 SEMS Number(s): 88
Area Operable Unit: F

Combined Spills from 241-84H [5], NBN

SRS Index Number(s): 261 SEMS Number(s): 61
Area Operable Unit: H

Combined Spills from H-Canyon [5], NBN

SRS Index Number(s): 512 SEMS Number(s): 61
Area Operable Unit: H

Ditch to Outfall H-012 (Tributary to Fourmile Creek), NBN

SRS Index Number(s): 274 SEMS Number(s): 61
Area Operable Unit: H

Watershed

IOU

Name/Description of Unit

ECODS C-1 (Near C-Area Reactor Discharge Canal), NBN [2]

SRS Index Number(s): 522 SEMS Number(s): 79
Area Operable Unit: C

ECODS H-1 (West of H-Area Facilities), NBN

SRS Index Number(s): 531 SEMS Number(s): 61
Area Operable Unit: H

Engineered Drainage Ditch Northeast of the Heavy Equipment Maintenance Area [5], NBN

SRS Index Number(s): 574 SEMS Number(s): 93
Area Operable Unit: N

F & H-Area Hazardous Waste Management Facilities (Groundwater) [1, 2, 4] , NBN

SRS Index Number(s): 19 SEMS Number(s): 8, 9
Area Operable Unit: None

F-Area Coal Pile Runoff Basin [3], 289-F

SRS Index Number(s): 71 SEMS Number(s): 42
Area Operable Unit: None

F-Area Hazardous Waste Management Facility [1, 4], 904-41G, -42G, -43G

SRS Index Number(s): 3, 4, 5 SEMS Number(s): 6
Area Operable Unit: None

F-Area Inactive Process Sewer Lines from Building to the Security Fence [4], 081-1F

SRS Index Number(s): 141 SEMS Number(s): 88
Area Operable Unit: F

F-Area Process Sewer Lines as Abandoned, NBN

SRS Index Number(s): 563 SEMS Number(s): 88
Area Operable Unit: F

F-Area Retention Basin [3], 281-3F

SRS Index Number(s): 73 SEMS Number(s): 23
Area Operable Unit: None

Watershed

IOU

Name/Description of Unit

F-Area Retention Basin, 281-8F

SRS Index Number(s): 280 SEMS Number(s): 23
Area Operable Unit: F Tank Farm

F-Area Tank Farm, 241-F, including: Combined Spills from 242-F, NBN; Spill on 10/01/71 of 100 ft^2 of Flush Water-Rad, NBN; Spill on 06/26/75 of 250 ft^3 of Rad Contaminated Soil, NBN; F-Area Tank Farm, 241-F [F-Area Tank Farm Groundwater Operable Unit; Spill on 05/01/57 of 125 ft^2 of rad liquid from solvent trailer (formerly Index No. 200)(WMF-008); Flush of Feed Pump to 242-F Spill Water in the Ground, 04/01/66 (WMF-017); Tank 19 Contaminated Area (WMF-001 & -002); 242-F Contaminated Area (WMF-003); Tank 7 Contaminated Area (WMF-004); Tank 8 Contaminated Area (WMF-005)]; Spill on 01/19/83 of 1000 sq ft of Radioactive Spill, NBN; Spill on 04/14/81 of 3 gal of Contaminated Flush Water-Rad, NBN; Spill on 05/30/78 of Unknown of Sump Overflow, NBN; Spill on 10/16/81 of 30 gal of Low Level Waste from Trailer, NBN; Spill on 06/06/79 of <1 gal of Contaminated Liquid, NBN; Spill on 03/01/66 of 500 ft^2 of Flush Water-Rad, NBN; Spill on 04/57 of Rad Liquid from Solvent Trailer, NBN; Spill on 05/28/81 of 9000 gal Chromated Water, NBN

SRS Index Number(s): 263, 283, 376, 381, 399, 431 SEMS Number(s): 23
Area Operable Unit: F Tank Farm

Fire Department Hose Training Facility [3], 904-113G

SRS Index Number(s): 74 SEMS Number(s): 10
Area Operable Unit: None

Ford Building Waste Site [3], 643-11G

SRS Index Number(s): 76 SEMS Number(s): 57
Area Operable Unit: None

Fourmile Branch Integrator Operable Unit [5], NBN (Including the Un-Named Tributary of Fourmile Branch South of C Area, NBN)

SRS Index Number(s): 504 SEMS Number(s): 84
Area Operable Unit: None

Watershed

IOU

Name/Description of Unit

General Separations Area Consolidation Unit [3]
- Old Radioactive Waste Burial Ground (Including Old Solvent Tanks 650-01E through 650 -22E) (643-E)
- HP-52 Ponds
- H-Area Retention Basin (281-3H) and Spill on 05/01/1956 of Unknown Amount of Retention Basin Pipe Leak (NBN)
- Warner's Pond (685-23G) and Spill on 03/08/1978 of Unknown Seepage Basin Pipe Leak in H-Area Seepage Basin (NBN) and Spill on 02/08/1978 of Unknown H-Area Process Sewer Line Cave-In, NBN

SRS Index Number(s): 18, 29, 28, 417, 27, 405, 398 SEMS Number(s): 32
Area Operable Unit: None

H-Area Acid/Caustic Basin [1, 6], 904-75G

SRS Index Number(s): 6 SEMS Number(s): SNA
Area Operable Unit: None

H-Area Coal Pile Runoff Basin, 289-H

SRS Index Number(s): 79 SEMS Number(s): 61
Area Operable Unit: H

H-Area Hazardous Waste Management Facility [1, 4], 904-44G, -45G, -46G, -56G

SRS Index Number(s): 7, 9, 8, 10 SEMS Number(s): 7
Area Operable Unit: None

H-Area Inactive Process Sewer Lines from Building to Manhole P-44 [4], 081-H

SRS Index Number(s): 142 SEMS Number(s): 61
Area Operable Unit: H

H-Area Process Sewer Lines as Abandoned, NBN

SRS Index Number(s): 591 SEMS Number(s): 61
Area Operable Unit: H

H-Area Retention Basin [4, 5], 281-1H
H-Area Retention Basin [4, 5], 281-2H
H-Area Retention Basin [4, 5] (Including the Former 281-7H Basin), 281-8H

SRS Index Number(s): 294, 295, 293 SEMS Number(s): 61
Area Operable Unit: H

Watershed

IOU

Name/Description of Unit

H-Area Tank Farm, 241-H, including: H-Area Tank Farm, 241-H [H-Area Tank Farm Groundwater Operable Unit; Tank 37 Steam Line Contamination Area; Tank 37 to HDB-6 Capped Transfer Line; Concentrate Transfer System Contamination Area; 242-H Evaporator Contamination Area; Rock Bank Contamination Area; Diversion Box 5 Contamination Area; Tanks 9-12 Contamination Area; Tanks 13-16 Contamination Area; Pump Pits 5 and 6 Contamination Area]; Combined Spills from 241-H, NBN [Spill on 12/29/83 Piping Leak Top of Tank 13; Spill on 09/13/91 of Chromated Water from Underground Line; Spill on 01/06/81 of 10 gal Water from Cesium Removal Column]; Combined Spills from 242-H, NBN [Spill on 06/14/82 of 600-800 gal from Evaporator; Spill on 07/14/82 of 600-800 gal from Evaporator Overhead; Spill from Tank 13 Leak Detection Box; Spill on 02/01/69 of Unknown Waste Tank Spill, NBN]; Diversion Box - Rad from 907-1H, NBN; Spill on 01/19/80 of Unknown of Chromated Water from H-Area Pump House, NBN; Spill on 11/10/81 of 500 gal of Chromated Water from 243-H, NBN; Spill on 04/18/80 of Unknown of Chromated Water from Valve House 3, NBN; Spill on 03/28/87 of <15,000 gal Chromated Water from 241 -24H, NBN; Spill on 05/02/85 of 10 gal Cooling Water from Tank Farm, NBN

SRS Index Number(s): 298, 262, 264, 275, 375, 403 SEMS Number(s): 89
Area Operable Unit: H Tank Farm

Heavy Equipment Maintenance Area Miscellaneous Units (Consisting of Heavy Equipment Wash Areas #1, #2, and #3, Pickling Building, Drum Storage Area, Spray Irrigation Field, Outfall N-01, and Outfall N-02), NBN

SRS Index Number(s): 573 SEMS Number(s): 93
Area Operable Unit: N

Heavy Equipment Wash Basin [3], NBN and Central Shops Burning/Rubble Pit [3], 631-5G

SRS Index Number(s): 502, 57 SEMS Number(s): 53
Area Operable Unit: None

Low Level Radioactive Drain Lines from F-Area Laboratory [5], 772-F
F-Area Laboratory (772-F & -1F) High Activity Tanks C [5] and D [5]

SRS Index Number(s): 308 SEMS Number(s): 88
Area Operable Unit: F

Low Level Radioactive Waste Disposal Facility [5]: The non-hazardous waste disposal portion of 643-7E (Including Combined Spills from 643-G as reported in WSRC-RP-97-419, NBN), 643-7E

SRS Index Number(s): 571, 266 SEMS Number(s): 86
Area Operable Unit: None

Watershed

IOU

Name/Description of Unit

Mixed Waste Management Facility (Groundwater) [1, 4], NBN

SRS Index Number(s): 103 SEMS Number(s): 33
Area Operable Unit: None

Mixed Waste Management Facility [1, 4] (Including the RCRA Regulated Portions of LLRWDF 643 -7E), 643-28E

SRS Index Number(s): 16, 20 SEMS Number(s): 33
Area Operable Unit: None

N-Area Process Sewer Lines as Abandoned, NBN

SRS Index Number(s): 565 SEMS Number(s): 93
Area Operable Unit: N

New Salvage Yard, 741-G

SRS Index Number(s): 311 SEMS Number(s): 93
Area Operable Unit: N

Potential Release from C-Area Disassembly Basin [2, 5], NBN

SRS Index Number(s): 240 SEMS Number(s): 79
Area Operable Unit: C

Potential Release from C-Area Reactor Cooling Water System [2, 5], 186/190-C

SRS Index Number(s): 242 SEMS Number(s): 79
Area Operable Unit: C

Road A Chemical Basin [3], 904-111G

SRS Index Number(s): 125 SEMS Number(s): 64
Area Operable Unit: None

Sandblast Area CMF-001, NBN

SRS Index Number(s): 343 SEMS Number(s): 88
Area Operable Unit: F

Sandblast Area CMH-001, NBN

SRS Index Number(s): 344 SEMS Number(s): 61
Area Operable Unit: H

Watershed

IOU

Name/Description of Unit

Sandblast Area CMN-001, NBN [12]

SRS Index Number(s): 354 SEMS Number(s): 93
Area Operable Unit: N

Spill on 01/12/87 of <100 Gm of Mercury North of 211-H [5], NBN

SRS Index Number(s): 374 SEMS Number(s): 61
Area Operable Unit: H

Spill on 02/01/57 of Unknown of Seepage Basin Pipe Leak from 904-44G [5, 14], NBN

SRS Index Number(s): 225 SEMS Number(s): 61
Area Operable Unit: None

Spill on 02/01/83 of 50 Gal of Oil - Rad [5], NBN

SRS Index Number(s): 391 SEMS Number(s): 61
Area Operable Unit: H

Spill on 02/25/85 of 20000 CM of Water Vapor - Rad [5], NBN

SRS Index Number(s): 394 SEMS Number(s): 88
Area Operable Unit: F

Spill on 04/24/91 of .11 Ci of Pu 239 from F-Area Laboratory [5], 772-1F

SRS Index Number(s): 414 SEMS Number(s): 88
Area Operable Unit: F

Spill on 06/01/59 of <1 Ci of Segregated Solvent from 211-F [5], NBN

SRS Index Number(s): 435 SEMS Number(s): 88
Area Operable Unit: F

Spill on 10/07/85 of 20,000 Gallons of Contaminated Water from 244-H [5], NBN

SRS Index Number(s): 332 SEMS Number(s): 61
Area Operable Unit: H

Tank 105-C Hazardous Waste Management Facility [3], NBN

SRS Index Number(s): 1 SEMS Number(s): 34
Area Operable Unit: None

Watershed

IOU

Name/Description of Unit

Lower Three Runs Watershed

Lower Three Runs Integrator Operable Unit

Area on the North Side of Building 105-R [3,5], NBN, Laydown Area North of 105-R [3], NBN, and Release from the Decontamination of R-Area Reactor Disassembly Basin [3,5], NBN

SRS Index Number(s): 231, 233, 513 SEMS Number(s): 95
Area Operable Unit: R

Combined Spills North of Building 105-R [3,5], NBN

SRS Index Number(s): 517 SEMS Number(s): 95
Area Operable Unit: R

ECODS R-1A [3,7], -1B [3,7], -1C [3,7], NBN

SRS Index Number(s): 540 SEMS Number(s): 22
Area Operable Unit: None

Gunsite 012 Rubble Pile, NBN, Rubble Pile Across from Gunsite 012, NBN, and ECODS G-3 (Adjacent to Gunsite 012), NBN (aka Gunsite 012 Operable Unit, NBN) [3]

SRS Index Number(s): 163, 337, 544 SEMS Number(s): 78
Area Operable Unit: None

Gunsite 218 Rubble Pile [3], 631-23G (aka Gunsite 218 Operable Unit)

SRS Index Number(s): 39 SEMS Number(s): 80
Area Operable Unit: None

Lower Three Runs Integrator Operable Unit [5], NBN

SRS Index Number(s): 505 SEMS Number(s): 35
Area Operable Unit: None

Old R-Area Discharge Canal [5], NBN

SRS Index Number(s): 312 SEMS Number(s): 35
Area Operable Unit: None

P-Area Acid/Caustic Basin [1,6], 904-78G

SRS Index Number(s): 17 SEMS Number(s): SNA
Area Operable Unit: None

Watershed

IOU

Name/Description of Unit

P-Area Bingham Pump Outage Pit [3, 5], 643-4G

SRS Index Number(s): 107 SEMS Number(s): 39
Area Operable Unit: None

PAR Pond [2, 5] (Including the Pre-Cooler Ponds and Canals), 685-G

SRS Index Number(s): 110 SEMS Number(s): 35
Area Operable Unit: None

PAR Pond Sludge Land Application Site [3], 761-5G

SRS Index Number(s): 111 SEMS Number(s): 87
Area Operable Unit: None

Potential Release from R-Area Disassembly Basin [3, 5], NBN

SRS Index Number(s): 330 SEMS Number(s): 95
Area Operable Unit: R

Potential Release of $NaOH/H_2SO_4$ from 183-2R [3, 5], NBN

SRS Index Number(s): 324 SEMS Number(s): 95
Area Operable Unit: R

R-Area Acid/Caustic Basin [3], 904-77G

SRS Index Number(s): 112 SEMS Number(s): 72
Area Operable Unit: None

R-Area Ash Basin [3], 188-0R

SRS Index Number(s): 329 SEMS Number(s): 95
Area Operable Unit: R

R-Area Bingham Pump Outage Pits [3, 5], 643-8G, -9G, and -10G
R-Area Unknown Pit #1 (RUNK-1), Pit #2 (RUNK-2), and Pit #3 (RUNK-3) [3, 5], NBN

SRS Index Number(s): 114, 115, 113, 550, 551, 552 SEMS Number(s): 38
Area Operable Unit: None

R-Area Burning/Rubble Pits [3], 131-R and -1R and R-Area Rubble Pile [3], 631-25G

SRS Index Number(s): 117, 116, 118 SEMS Number(s): 43
Area Operable Unit: None

Key explaining abbreviations and footnotes is located on the last page of C.2

Watershed

IOU

Name/Description of Unit

R-Area Groundwater Operable Unit [3], NBN

SRS Index Number(s): 288 SEMS Number(s): 95
Area Operable Unit: R

R-Area Process Sewer Lines as Abandoned [3], NBN and Cooling Water Effluent Sump [3], 107-R

SRS Index Number(s): 556, 271 SEMS Number(s): 95
Area Operable Unit: R

R-Area Reactor Area Cask Car Railroad Tracks as Abandoned [3, 5], NBN

SRS Index Number(s): 478 SEMS Number(s): 95
Area Operable Unit: R

Pen Branch Watershed

Pen Branch Integrator Operable Unit

Central Shops Burning/Rubble Pit [3], 631-6G

SRS Index Number(s): 31 SEMS Number(s): 11
Area Operable Unit: None

Chemicals, Metals, and Pesticides Pits (CMP Pits) [3], 080-170G, -171G, -180G, -181G, -182G, 183G, and -190G

SRS Index Number(s): 61, 62, 63, 64, 65, 66, 67 SEMS Number(s): 24
Area Operable Unit: None

Combined Spills from K-Area Complex, 106-K [5] and 109-K [5], NBN

SRS Index Number(s): 514 SEMS Number(s): 90
Area Operable Unit: K

ECODS N-1 (South of N Area), NBN [12]

SRS Index Number(s): 525 SEMS Number(s): 93
Area Operable Unit: None

ECODS N-2 [3, 7], NBN

SRS Index Number(s): 545 SEMS Number(s): 22
Area Operable Unit: None

Watershed

IOU

Name/Description of Unit

Ford Building Seepage Basin [3], 904-91G

SRS Index Number(s): 75 SEMS Number(s): 58
Area Operable Unit: None

G-Area Oil Seepage Basin, 761-13G

SRS Index Number(s): 77 SEMS Number(s): 93
Area Operable Unit: None

Hydrofluoric Acid Spill [3, 5], 631-4G

SRS Index Number(s): 82 SEMS Number(s): 75
Area Operable Unit: None

K-Area Acid/Caustic Basin [1, 6], 904-80G

SRS Index Number(s): 11 SEMS Number(s): SNA
Area Operable Unit: None

K-Area Ash Basin, 188-0K

SRS Index Number(s): 300 SEMS Number(s): 90
Area Operable Unit: None

K-Area Bingham Pump Outage Pit [3, 5], 643-1G

SRS Index Number(s): 83 SEMS Number(s): 20
Area Operable Unit: None

K-Area Burning/Rubble Pit [3], 131-K
K-Area Rubble Pile [3], 631-20G

SRS Index Number(s): 84, 88 SEMS Number(s): 40
Area Operable Unit: None

K-Area Coal Pile Runoff Basin [3], 189-K

SRS Index Number(s): 85 SEMS Number(s): 52
Area Operable Unit: None

K-Area Groundwater Operable Unit (Including Tritium Anomaly), NBN

SRS Index Number(s): 519 SEMS Number(s): 99
Area Operable Unit: None

Watershed

IOU

Name/Description of Unit

K-Area Process Sewer Lines as Abandoned, NBN

SRS Index Number(s): 572 SEMS Number(s): 90
Area Operable Unit: K

K-Area Reactor Area Cask Car Railroad Tracks as Abandoned [5], NBN

SRS Index Number(s): 476 SEMS Number(s): 90
Area Operable Unit: K

K-Area Reactor Discharge Canal [5], NBN

SRS Index Number(s): 460 SEMS Number(s): 74
Area Operable Unit: None

K-Area Reactor Seepage Basin [3, 5], 904-65G

SRS Index Number(s): 87 SEMS Number(s): 55
Area Operable Unit: None

K-Area Sludge Land Application Site [3], 761-4G

SRS Index Number(s): 89 SEMS Number(s): 87
Area Operable Unit: None

L-Area Ash Basin, 188-0L [13]

SRS Index Number(s): 148 SEMS Number(s): 91
Area Operable Unit: None

L-Area Bingham Pump Outage Pits [3, 5], 643-2G and -3G

SRS Index Number(s): 91, 92 SEMS Number(s): 26
Area Operable Unit: None

L-Area Burning/Rubble Pit [3], 131-L
Gas Cylinder Disposal Facility [3], 131-2L
L-Area Rubble Pile [3], 131-3L

SRS Index Number(s): 93, 78, 169 SEMS Number(s): 56
Area Operable Unit: None

Pen Branch Integrator Operable Unit [5], NBN (Including Indian Grave Branch, NBN)

SRS Index Number(s): 506 SEMS Number(s): 74
Area Operable Unit: None

Watershed

IOU

Name/Description of Unit

Potential Release from K-Area Disassembly Basin [5], NBN

SRS Index Number(s): 301 SEMS Number(s): 90
Area Operable Unit: K

Potential Release from K-Area Reactor Cooling Water System [5], 186/190-K

SRS Index Number(s): 302 SEMS Number(s): 90
Area Operable Unit: K

SRL Oil Test Site [3], 080-16G

SRS Index Number(s): 132 SEMS Number(s): 83
Area Operable Unit: None

Savannah River Floodplain Swamp Watershed

Savannah River and Floodplain Swamp Integrator Operable Unit

Combined Spills from 483-D and Associated Areas [5], NBN

SRS Index Number(s): 265 SEMS Number(s): 63
Area Operable Unit: D

D-006 Petroleum Release Site, NBN

SRS Index Number(s): 570 SEMS Number(s): 69
Area Operable Unit: None

D-Area Asbestos Pit [2, 10], 080-20G

SRS Index Number(s): 211 SEMS Number(s): 63
Area Operable Unit: D

D-Area Ash Basin Wetlands, NBN

SRS Index Number(s): 569 SEMS Number(s): 69
Area Operable Unit: None

D-Area Ash Basin, 488-1D

SRS Index Number(s): 238 SEMS Number(s): 63
Area Operable Unit: D

D-Area Ash Basin, 488-2D

SRS Index Number(s): 272 SEMS Number(s): 63
Area Operable Unit: D

Watershed

IOU

Name/Description of Unit

D-Area Ash Landfill, 488-4D

SRS Index Number(s): 548 SEMS Number(s): 63
Area Operable Unit: D

D-Area Burning/Rubble Pits [3], 431-D and -1D

SRS Index Number(s): 33, 32 SEMS Number(s): 15
Area Operable Unit: None

D-Area Coal Pile Runoff Basin [2, 10], 489-D

SRS Index Number(s): 69 SEMS Number(s): 63
Area Operable Unit: D

D-Area Expanded Operable Unit [3], Comprised of:
- D-Area Ash Basin, 488-D and
- D-Area Rubble Pit, 431-2D

SRS Index Number(s): 68, 273 SEMS Number(s): 67
Area Operable Unit: None

D-Area Groundwater Operable Unit (D-Area Upgradient Sources), NBN

SRS Index Number(s): 520 SEMS Number(s): 63
Area Operable Unit: None

D-Area Oil Seepage Basin [3], 631-G

SRS Index Number(s): 26 SEMS Number(s): 27
Area Operable Unit: None

D-Area Process Sewer Lines as Abandoned [2, 10], NBN

SRS Index Number(s): 558 SEMS Number(s): 63
Area Operable Unit: D

D-Area Waste Oil Facility [9], 484-10D

SRS Index Number(s): 70 SEMS Number(s): 63
Area Operable Unit: D

M-Area Hazardous Waste Management Facility: A/M Area Groundwater Portion [1, 2], NBN

SRS Index Number(s): 23 SEMS Number(s): 36
Area Operable Unit: None

Watershed

IOU

Name/Description of Unit

M-Area Hazardous Waste Management Facility: Lost Lake [1, 2, 6], 904-112G

SRS Index Number(s): 12 SEMS Number(s): 1
Area Operable Unit: None

M-Area Hazardous Waste Management Facility: M-Area Settling Basin [1, 2, 6], 904-51G

SRS Index Number(s): 13 SEMS Number(s): 1
Area Operable Unit: None

M-Area Settling Basin Inactive Process Sewers to Manhole 1 [3], 081-M

SRS Index Number(s): 100 SEMS Number(s): 19
Area Operable Unit: None

M-Area West [3], 631-21G

SRS Index Number(s): 14 SEMS Number(s): 12
Area Operable Unit: None

Savannah River and Floodplain Swamp Integrator Operable Unit [5], NBN (Including Beaver Dam Creek, D-Area Effluent Discharge Canal, and Ash Area Adjacent to and Easterly of D-Area Ash Basins 488-1D and 488-2D [15])

SRS Index Number(s): 508 SEMS Number(s): 69
Area Operable Unit: None

Silverton Road Waste Site [3], 731-3A

SRS Index Number(s): 41 SEMS Number(s): 13
Area Operable Unit: None

T Area Operable Unit [3], Comprised of:
- Neutralization Sump, 678-T
- TNX Outfall Delta, Lower Discharge Gully, and Swamp, NBN
- TNX-Area Process Sewer Lines and Tile Fields as Abandoned, NBN
- X-001 Outfall Drainage Ditch, NBN
- See DOE Letter SGP-05-128 for list of decommissioned facilities added to T Area Completion

SRS Index Number(s): 310, 500, 559, 467 SEMS Number(s): 96
Area Operable Unit: T

Watershed

IOU

Name/Description of Unit

TNX Operable Unit [3], Comprised of:
- New TNX Seepage Basin, 904-102G
- Old TNX Seepage Basin, 904-76G
- TNX Burying Ground, 643-5G (Including Spill on 01/12/53 of 1/2 Ton of Uranyl Nitrate, NBN)
- TNX Groundwater, 082-G

SRS Index Number(s): 104, 106, 139, 127, 25 SEMS Number(s): 21, 29
Area Operable Unit: None

Steel Creek Watershed

Steel Creek Integrator Operable Unit

ECODS L-1, NBN [3, 7]

SRS Index Number(s): 535 SEMS Number(s): 22
Area Operable Unit: None

ECODS L-3 (East of L Area), NBN [13]

SRS Index Number(s): 537 SEMS Number(s): 91
Area Operable Unit: None

ECODS P-2 [3, 7], NBN

SRS Index Number(s): 539 SEMS Number(s): 22
Area Operable Unit: None

L-Area Hot Shop (Including Sandblast Area CML-003, NBN) [3] , 717-G

SRS Index Number(s): 94 SEMS Number(s): 76
Area Operable Unit: None

L-Area Northern Groundwater Operable Unit [3], NBN

SRS Index Number(s): 503 SEMS Number(s): 77
Area Operable Unit: None

L-Area Oil/Chemical Basin [3], 904-83G
L-Area Acid/Caustic Basin [3], 904-79G

SRS Index Number(s): 96, 95 SEMS Number(s): 17
Area Operable Unit: None

Watershed

IOU

Name/Description of Unit

L-Area Process Sewer Lines as Abandoned, NBN

SRS Index Number(s): 560 SEMS Number(s): 91
Area Operable Unit: L

L-Area Reactor Area Cask Car Railroad Tracks as Abandoned [5], NBN

SRS Index Number(s): 479 SEMS Number(s): 91
Area Operable Unit: L

L-Area Reactor Seepage Basin [3, 5], 904-64G

SRS Index Number(s): 306 SEMS Number(s): 65
Area Operable Unit: None

L-Area Rubble Pit, 131-1L [13]

SRS Index Number(s): 98 SEMS Number(s): 91
Area Operable Unit: None

L-Area Rubble Pit, 131-4L [13]

SRS Index Number(s): 99 SEMS Number(s): 91
Area Operable Unit: None

L-Area Southern Groundwater Operable Unit [3], NBN

SRS Index Number(s): 487 SEMS Number(s): 77
Area Operable Unit: None

P-Area Ash Basin (Including Outfall P-007) [3], 188-0P

SRS Index Number(s): 313 SEMS Number(s): 94
Area Operable Unit: P

P-Area Burning/Rubble Pit [3], 131-P

SRS Index Number(s): 108 SEMS Number(s): 59
Area Operable Unit: None

P-Area Coal Pile Runoff Basin [3], 189-P

SRS Index Number(s): 109 SEMS Number(s): 54
Area Operable Unit: None

Watershed

IOU

Name/Description of Unit

P-Area Groundwater Operable Unit, NBN

SRS Index Number(s): 143 SEMS Number(s): 81
Area Operable Unit: None

P-Area Process Sewer Lines as Abandoned [3], NBN and Spill on 03/15/79 of 5500 Gallons of Contaminated Water [3, 5], NBN

SRS Index Number(s): 557, 126 SEMS Number(s): 94
Area Operable Unit: P

P-Area Reactor Area Cask Car Railroad Tracks as Abandoned [3, 5], NBN

SRS Index Number(s): 477 SEMS Number(s): 94
Area Operable Unit: P

P-Area Reactor Seepage Basins [3, 5], 904-61G, -62G, and -63G

SRS Index Number(s): 317, 318, 319 SEMS Number(s): 66
Area Operable Unit: None

Potential Release from L-Area Disassembly Basin [5], NBN

SRS Index Number(s): 303 SEMS Number(s): 91
Area Operable Unit: L

Potential Release from L-Area Reactor Cooling Water System [5], 186/190-L

SRS Index Number(s): 305 SEMS Number(s): 91
Area Operable Unit: L

Potential Release from P-Area Disassembly Basin [3, 5], NBN

SRS Index Number(s): 314 SEMS Number(s): 94
Area Operable Unit: P

Potential Release from P-Area Reactor Cooling Water System [3, 5], 186/190-P

SRS Index Number(s): 316 SEMS Number(s): 94
Area Operable Unit: P

Steel Creek Integrator Operable Unit [5, 16], NBN (Including L Lake, NBN, L-Area Reactor Discharge Canal, NBN, P-Area Reactor Discharge Canal, NBN, and Wetland Area at Dunbarton Bay, NBN)

SRS Index Number(s): 509, 462 SEMS Number(s): 71
Area Operable Unit: None

Watershed

IOU

Name/Description of Unit

Upper Three Runs Watershed

Upper Three Runs Integrator Operable Unit

313-M and 320-M Inactive Clay Process Sewers to Tims Branch [3], NBN

SRS Index Number(s): 234 SEMS Number(s): 19
Area Operable Unit: None

716-A Motor Shop Seepage Basin [3], 904-101G

SRS Index Number(s): 44 SEMS Number(s): 51
Area Operable Unit: None

A-001 Outfall [5], NBN

SRS Index Number(s): 481 SEMS Number(s): 62
Area Operable Unit: A

A-Area Ash Pile [3], 788-2A

SRS Index Number(s): 237 SEMS Number(s): 28
Area Operable Unit: None

A-Area Ash Pile [8], 788-A

SRS Index Number(s): 236 SEMS Number(s): 62
Area Operable Unit: None

A-Area Burning/Rubble Pits [3], 731-A and 1A
A-Area Rubble Pit [3], 731-2A

SRS Index Number(s): 46, 45, 49 SEMS Number(s): 28
Area Operable Unit: None

A-Area Coal Pile Runoff Basin [8], 788-3A

SRS Index Number(s): 47 SEMS Number(s): 62
Area Operable Unit: None

A-Area Miscellaneous Rubble Pile [3], 731-6A

SRS Index Number(s): 48 SEMS Number(s): 30
Area Operable Unit: None

Watershed

IOU

Name/Description of Unit

A-Area Process Sewer Lines as Abandoned, NBN

SRS Index Number(s): 562 SEMS Number(s): 62
Area Operable Unit: A

Burma Road Rubble Pit [3], 231-4F

SRS Index Number(s): 30 SEMS Number(s): 18
Area Operable Unit: None

E-Area Low Level Waste Facility [2, 5], 643-26E

SRS Index Number(s): 592 SEMS Number(s): 86
Area Operable Unit: None

ECODS B-3 [3] (East of B Area, South of Road C), NBN and ECODS B-5 [3], NBN

SRS Index Number(s): 528, 530 SEMS Number(s): 48
Area Operable Unit: B

F-Area Acid/Caustic Basin [1, 6], 904-74G

SRS Index Number(s): 2 SEMS Number(s): SNA
Area Operable Unit: None

F-Area Burning/Rubble Pits [3], 231-F, -1F, and -2F

SRS Index Number(s): 36, 34, 35 SEMS Number(s): 14
Area Operable Unit: None

General Separations Area Eastern Groundwater Operable Unit, NBN

SRS Index Number(s): 549 SEMS Number(s): 46
Area Operable Unit: None

General Separations Area Western Groundwater Operable Unit, NBN

SRS Index Number(s): 575 SEMS Number(s): 85
Area Operable Unit: None

Grace Road Site [3], 631-22G

SRS Index Number(s): 37 SEMS Number(s): 45
Area Operable Unit: None

Watershed

IOU

Name/Description of Unit

Gunsite 113 Access Road [3], 631-24G

SRS Index Number(s): 38 SEMS Number(s): 5
Area Operable Unit: None

Gunsite 720 Rubble Pit [3], 631-16G

SRS Index Number(s): 40 SEMS Number(s): 4
Area Operable Unit: None

M-Area Hazardous Waste Management Facility: M-Area Vadose Zone [1], 904-51G

SRS Index Number(s): 484 SEMS Number(s): 1
Area Operable Unit: None

Metallurgical Laboratory Hazardous Waste Management Facility/Carolina Bay [1, 2], 904-110G

SRS Index Number(s): 15, 56 SEMS Number(s): 2
Area Operable Unit: None

Miscellaneous Chemical Basin/Metals Burning Pit [3], 731-4A, -5A

SRS Index Number(s): 101, 102 SEMS Number(s): 28
Area Operable Unit: None

Non-Radioactive Waste Disposal Facility [1, 6] (aka Sanitary Landfill), 740-G

SRS Index Number(s): 21, 22 SEMS Number(s): SNA
Area Operable Unit: None

Old F-Area Seepage Basin [3], 904-49G

SRS Index Number(s): 105 SEMS Number(s): 16
Area Operable Unit: None

Potential Release of Heavy Metals from 321-M Abandoned Sewer Line [3], NBN

SRS Index Number(s): 326 SEMS Number(s): 92
Area Operable Unit: M

R-Area Reactor Seepage Basins [3, 5], 904-57G, -58G, -59G, -60G, -103G, and -104G
108-4R Overflow Basin [3, 5], 108-4R

SRS Index Number(s): 121, 122, 123, 124, 119, 120, 42 SEMS Number(s): 25
Area Operable Unit: None

Watershed

IOU

Name/Description of Unit

Salvage Yard [3], 741-A

SRS Index Number(s): 340 SEMS Number(s): 92
Area Operable Unit: M

Sandblast Area CMH-002, NBN [14]

SRS Index Number(s): 346 SEMS Number(s): 61
Area Operable Unit: None

Spill on 05/26/88 of 10 Gal of Ethylene Glycol-Rad from F-Area Laboratory [5], NBN

SRS Index Number(s): 429 SEMS Number(s): 88
Area Operable Unit: F

SRL 904-A Process Trench (includes Stormwater Outfall A-002) [5], 904-A
Spill on 12/01/1971 of 1000 Gal of Rad Water from SRL [5], NBN
SRL Mixed Waste Storage Tanks [5], 776-A

SRS Index Number(s): 131, 387 SEMS Number(s): 62
Area Operable Unit: A

SRL Groundwater [1], NBN

SRS Index Number(s): 24 SEMS Number(s): 37
Area Operable Unit: None

SRL Seepage Basins [3], 904-53G1, -53G2, -54G, and -55G

SRS Index Number(s): 133, 134, 135, 136 SEMS Number(s): 47
Area Operable Unit: None

Stormwater Outfall A-013 [5, 8], NBN

SRS Index Number(s): 483 SEMS Number(s): 62
Area Operable Unit: None

Stormwater Outfall A-024 [5], NBN

SRS Index Number(s): 458 SEMS Number(s): 62
Area Operable Unit: A

Underground Sump 321 M #001 [3], 321-M
Underground Sump 321 M #002 [3], 321-M

SRS Index Number(s): 465, 466 SEMS Number(s): 92
Area Operable Unit: M

Watershed

IOU

Name/Description of Unit

Upper Three Runs Integrator Operable Unit [5], NBN (Including Tims Branch [5], NBN & Steed Pond, NBN)

SRS Index Number(s): 510, 456 SEMS Number(s): 70

Area Operable Unit: None

West of SREL "Georgia Fields" Site [3], 631-19G

SRS Index Number(s): 140 SEMS Number(s): 73

Area Operable Unit: None

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[1] Units that are, or are associated with, units listed on Appendix H, Solid Waste Management Units.
[2] Units that have had an Interim or Early Action Record of Decision issued. If the Final Record of Decision has been issued for the units, then only the designation for the Final Record of Decision is shown.
[3] **Units that have had a Final Record of Decision issued.**
[4] Units that are located in more than one Watershed.
[5] Units that do not require a RCRA Permit modification.
[6] Units that were closed under RCRA.
[7] These ECODS are located in different watersheds; however, they have been combined from a remedial decision perspective due to similar characteristics
[8] The A-Area Ash Pile (788-A), A-Area Coal Pile Runoff Basin (788-3A), and Stormwater Outfall A-013 will be addressed through one set of FFA documention due to their proximity to one another.
[9] This entry is for the environmental media associated with the 484-10D Facility.
[10] Refer to the Early Action Record of Decision for the D Area Operable Unit (DAOU) (SRNS-RP-2010-00162, Revsion 1.2, July 2011) for more information.
[11] This facility was not addressed per FDE protocols; however, this facility will receive final disposition as a remedial action conducted as part of the ongoing remedial action for the associated operable unit.
[12] These OUs will be addressed through one set of FFA documentation due to their proximity to one another.
[13] These OUs will be addressed through one set of FFA documentation due to their proximity to one another.
[14] These OUs will be addressed through one set of FFA documentation due to their proximity to one another.
[15] A separate schedule for the D-Area Effluent Discharge Canal and Ash Area Adjacent to and Easterly of D-Area Ash Basins 488-1D and 488-2D may be developed by the Core Team pending the results of the D-Area Groundwater Operable Unit remedial investigation process.
[16] The Record of Decision for the Wetland Area at Dunbarton Bay (SRNS-RP-2013-00730, Revision 1, April 2018) was issued on 06/20/2018.

SRS Index Number is a unique identifier assigned to each individual Unit
This number is used by SRS for tracking and is not meant to imply a ranking or priority.

SEMS: The EPA's Superfund Enterprise Management System database.
SNA: SEMS Number not assigned
ECODS: Early Construction and Operational Disposal Site
FFA: Federal Facility Agreement
LLRWDF: Low Level Radioactive Waste Disposal Facility
RCRA: Resource Conservation and Recovery Act

Key explaining abbreviations and footnotes is located on the last page of C.2

Revision 0 Appendix C for Fiscal Year 2019

C.3: RCRA/CERCLA Units on Which Final Records of Decision Have Been Issued

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RCRA/CERCLA Units on Which Final Records of Decision Have Been Issued are identified in C.1 and C.2

Revision 0 Appendix C for Fiscal Year 2019

C.4: D&D Facilities (or Remnants) that May Warrant Response Action

Area	SRS Index Number	Number	D&D Facility (or Remnant)
A Area			
	1000	305-A	**Test Pile Facility** [2]
	1035	716-A	Automotive Repair Shop
	1060	725-A	Paint Shop
	1094	740-A	**Salvage and Reclamation Building (Including 740-1A PCB Storage Facility)** [2]
	1097	743-A	**Rigging Storage** [2]
	1128	777-10A	**Site Utilities Office Facility (Physics Assembly Laboratory)** [2]
B Area			
	1156	710-1B	Hazardous Chemical Storage [1]
	1157	710-2B	Hazardous Chemical Storage [1]
	1158	710-3B	Storage [1]
	2003	770-U	**Heavy Water Components Test Reactor (HWCTR) (aka Test Reactor Building)** [2]
C Area			
	2256	710-C	**Pre-Manufactured Metal Shelter** [3]
	1201	717-C	**Contaminated Maintenance Facility** [3]
	2255	NBN	**Containment Tank C803-7-1** [3]

SRS Index Number is a unique identifier assigned to each individual Unit
This number is used by SRS for tracking and is not meant to imply a ranking or priority.

[1] These building are collectively referred to as Building 710-B, Hazardous Waste Storage Facility (HWSF). Since 710-B operated under a Resource Conservation and Recovery Act (RCRA) Part B Permit, the RCRA closure process will be used to verify that acceptable clean-up levels have been met.

[2] These D&D Facilities (or Remnants) are part of an Area Operable Unit where the Final Record of Decision has been issued.

[3] These D&D Facilities (or Remnants) are part of an Area Operable Unit where an Early Action Record of Decision has been issued.

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C.4: D&D Facilities (or Remnants) that May Warrant Response Action

Area	SRS Index Number	Number	D&D Facility (or Remnant)
D Area			
	1212	420-2D	Rework Handling Facility
	1214	420-D	Concentrator Building
	1215	421-2D	Moderator Handling and Storage
	1218	421-D	Finishing Building
	1250	772-D	Control Laboratory and Supervisors Office
F Area			
	1275	211-2F	Control and Check House
	1276	211-3F	Waste Truck Unloading House
	1277	211-7F	Chemical Handling Facility
	1279	211-F	Outside Facilities (Including the 805 and 820 Tank Cells)
	1293	222-F	Cold Feed Preparation Area
	1352	246-F	Equipment Test Facility
	1355	247-7F	EC Process Building
	1356	247-8F	Compressed Gas Storage Building
	1357	247-F	Manufacturing Building

SRS Index Number is a unique identifier assigned to each individual Unit
This number is used by SRS for tracking and is not meant to imply a ranking or priority.

[1] These building are collectively referred to as Building 710-B, Hazardous Waste Storage Facility (HWSF). Since 710-B operated under a Resource Conservation and Recovery Act (RCRA) Part B Permit, the RCRA closure process will be used to verify that acceptable clean-up levels have been met.

[2] These D&D Facilities (or Remnants) are part of an Area Operable Unit where the Final Record of Decision has been issued.

[3] These D&D Facilities (or Remnants) are part of an Area Operable Unit where an Early Action Record of Decision has been issued.

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C.4: D&D Facilities (or Remnants) that May Warrant Response Action

Area	SRS Index Number	Number	D&D Facility (or Remnant)
	1480	647-G	Warehouse
	1412	707-2F	Regulated Shops
	1425	723-F	Laundry Facility
	1426	728-F	Uranium Oxide Storage Building
	1428	730-F	Uranium Oxide Storage Building
H Area			
	1555	230-H	Demonstration Waste Incinerator (Beta-Gamma Incinerator)
M Area			
	1794	313-M	**Canning Building (Slug Production Facility)** [2]
	1795	315-4M	**Hazardous/Mixed Waste Storage Pad** [2]
	1798	316-M	**Drum Storage Facility** [2]
	1799	320-M	**Alloy Building** [2]
	1800	321-M	**Manufacturing Building** [2]
	1801	322-M	**Metallurgical Laboratory** [2]
	1803	324-M	**Vertical Press Building** [2]
	1806	330-M	**Slug Warehouse** [2]

SRS Index Number is a unique identifier assigned to each individual Unit
This number is used by SRS for tracking and is not meant to imply a ranking or priority.

[1] These building are collectively referred to as Building 710-B, Hazardous Waste Storage Facility (HWSF). Since 710-B operated under a Resource Conservation and Recovery Act (RCRA) Part B Permit, the RCRA closure process will be used to verify that acceptable clean-up levels have been met.

[2] These D&D Facilities (or Remnants) are part of an Area Operable Unit where the Final Record of Decision has been issued.

[3] These D&D Facilities (or Remnants) are part of an Area Operable Unit where an Early Action Record of Decision has been issued.

Revision 0 Appendix C for Fiscal Year 2019

C.4: D&D Facilities (or Remnants) that May Warrant Response Action

Area	SRS Index Number	Number	D&D Facility (or Remnant)
	1804	331-M	**Core Storage Warehouse [2]**
	1805	340-M	**Laboratory Waste Treatment Facility [2]**
	1807	341-1M	**Tank Farm Containment Cover (Interim Treatment and Storage Facility) [2]**
	1808	341-8M	**Vendor Treatment Facility [2]**
	1809	341-M	**Dilute Effluent Treatment Facility [2]**
N Area			
	1850	711-3N	Pipe Warehouse
	1861	714-6N	Miscellaneous Storage (SYLCOR)
	1869	717-11N	Electrical Linemen's Office/Warehouse
	1870	717-12N	Construction Sort Building
P Area			
	2222	105-1P	**No. 2 and 5 Basin Deionizers Pad [2]**
	2225	710-P	**Radiation Zone (RZ) Storage Facility [2]**
	2220	717-9P	**Pipe Fabrication Shop [2]**
	2212	904-86G	**Emergency Cooling Water Retention Basin [2]**
R Area			
	1924	109-R	**Purge Water Storage Basin [2]**

SRS Index Number is a unique identifier assigned to each individual Unit
This number is used by SRS for tracking and is not meant to imply a ranking or priority.

[1] These building are collectively referred to as Building 710-B, Hazardous Waste Storage Facility (HWSF). Since 710-B operated under a Resource Conservation and Recovery Act (RCRA) Part B Permit, the RCRA closure process will be used to verify that acceptable clean-up levels have been met.

[2] These D&D Facilities (or Remnants) are part of an Area Operable Unit where the Final Record of Decision has been issued.

[3] These D&D Facilities (or Remnants) are part of an Area Operable Unit where an Early Action Record of Decision has been issued.

Revision 0 Appendix C for Fiscal Year 2019

C.4: D&D Facilities (or Remnants) that May Warrant Response Action

Area	SRS Index Number	Number	D&D Facility (or Remnant)
	1925	122-R	**Process Storage Building** [2]
T Area			
	1984	607-46T	**Organic Removal Facility** [2]
	1986	671-T	**Service Tankage Facilities, TNX** [2]
	1977	672-T	**DWPF Semi-Works Building** [2]
	1987	673-T	**Containerization Equipment Dev Facility, TNX** [2]
	2001	675-T	**Glass Melter Building** [2]
	1978	677-T	**Pilot Plant Building** [2]
	1980	678-T	**Chemical Semi-Works Building** [2]
	1989	679-8T	**Pump House** [2]
	1981	679-T	**Engineering Test Facility (CMX)** [2]
	1991	682-T	**Manufacturing Building** [2]
	1990	904-T	**TNX Effluent Treatment Plant** [2]

SRS Index Number is a unique identifier assigned to each individual Unit
This number is used by SRS for tracking and is not meant to imply a ranking or priority.

[1] These building are collectively referred to as Building 710-B, Hazardous Waste Storage Facility (HWSF). Since 710-B operated under a Resource Conservation and Recovery Act (RCRA) Part B Permit, the RCRA closure process will be used to verify that acceptable clean-up levels have been met.

[2] These D&D Facilities (or Remnants) are part of an Area Operable Unit where the Final Record of Decision has been issued.

[3] These D&D Facilities (or Remnants) are part of an Area Operable Unit where an Early Action Record of Decision has been issued.

Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit

A Area Operable Unit

SRS Index Number: 576
SEMS Number: 62

A-001 Outfall, NBN

SRS Index Number(s): 481
SEMS Number(s): 62

A-Area Process Sewer Lines as Abandoned, NBN

SRS Index Number(s): 562
SEMS Number(s): 62

SRL 904-A Process Trench (includes Stormwater Outfall A-002), Spill on 12/01/1971 of 1000 Gal of Rad Water from SRL, and SRL Mixed Waste Storage Tanks, 904-A, NBN, and 776-A

SRS Index Number(s): 131 387
SEMS Number(s): 62

Stormwater Outfall A-024, NBN

SRS Index Number(s): 458
SEMS Number(s): 62

B Area Operable Unit [2]

SRS Index Number: 593
SEMS Number: 48

Building 770-U, Heavy Water Components Test Reactor (HWCTR) (aka Test Reactor Building)

SRS Index Number(s): 2003
SEMS Number(s): 48

ECODS B-3 (East of B Area, South of Road C), NBN and ECODS B-5, NBN

SRS Index Number(s): 528 530
SEMS Number(s): 48

C Area Operable Unit [5]

SRS Index Number: 577
SEMS Number: 79

Building 106-C, Process Water Storage Tank [1]

SRS Index Number(s): 2232
SEMS Number(s): 79

Building 107-C, Cooling Water Effluent Sump [1]

SRS Index Number(s): 1178
SEMS Number(s): 79

Footnotes and Explanatory Notes appear on last page of C.5

Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit

Building 109-C, Storage Basin [1]

SRS Index Number(s): 2233

SEMS Number(s): 79

Building 710-C, Pre-Manufactured Metal Shelter

SRS Index Number(s): 2256

SEMS Number(s): 79

Building 717-C, Contaminated Maintenance Facility

SRS Index Number(s): 1201

SEMS Number(s): 79

Building 904-89G, Retention Basin for 100-C Containment [1]

SRS Index Number(s): 2240

SEMS Number(s): 79

C-Area Process Sewer Lines as Abandoned, NBN

SRS Index Number(s): 555

SEMS Number(s): 79

C-Area Reactor Area Cask Car Railroad Tracks as Abandoned, NBN

SRS Index Number(s): 475

SEMS Number(s): 79

C-Area Reactor Discharge Canal, NBN

SRS Index Number(s): 511

SEMS Number(s): 79

Containment Tank C803-7-1, NBN

SRS Index Number(s): 2255

SEMS Number(s): 79

Potential Release from C-Area Disassembly Basin, NBN

SRS Index Number(s): 240

SEMS Number(s): 79

Potential Release from C-Area Reactor Cooling Water System, 186/190-C

SRS Index Number(s): 242

SEMS Number(s): 79

Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit

C Area Operable Unit [5]

SRS Index Number: 577
SEMS Number: 79

ECODS C-1 (Near C-Area Reactor Discharge Canal), NBN

SRS Index Number(s): 522
SEMS Number(s): 79

D Area Operable Unit[4]

SRS Index Number: 578
SEMS Number: 63

Building 420-2D, Rework Handling Facility

SRS Index Number(s): 1212
SEMS Number(s): 63

Building 420-D, Concentrator Building

SRS Index Number(s): 1214
SEMS Number(s): 63

Building 421-2D, Moderator Handling and Storage

SRS Index Number(s): 1215
SEMS Number(s): 63

Building 772-D, Control Laboratory and Supervisor's Office

SRS Index Number(s): 1250
SEMS Number(s): 63

Combined Spills from 483-D and Associated Areas, NBN

SRS Index Number(s): 265
SEMS Number(s): 63

D-Area Asbestos Pit, 080-20G

SRS Index Number(s): 211
SEMS Number(s): 63

D-Area Ash Basin, 488-1D

SRS Index Number(s): 238
SEMS Number(s): 63

D-Area Ash Basin, 488-2D

SRS Index Number(s): 272
SEMS Number(s): 63

Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit

D-Area Ash Landfill, 488-4D

SRS Index Number(s): 548

SEMS Number(s): 63

D-Area Coal Pile Runoff Basin, 489-D

SRS Index Number(s): 69

SEMS Number(s): 63

D-Area Process Sewer Lines as Abandoned, NBN

SRS Index Number(s): 558

SEMS Number(s): 63

D-Area Waste Oil Facility, 484-10D[3]

SRS Index Number(s): 70

SEMS Number(s): 63

D Area Operable Unit[4]

SRS Index Number: 578
SEMS Number: 63

Building 421-D, Finishing Building

SRS Index Number(s): 1218

SEMS Number(s): 63

F Area Operable Unit

SRS Index Number: 579
SEMS Number: 88

Building 211-2F, Control and Check House

SRS Index Number(s): 1275

SEMS Number(s): 88

Building 211-3F, Waste Truck Unloading Station

SRS Index Number(s): 1276

SEMS Number(s): 88

Building 211-7F, Chemical Handling Facility

SRS Index Number(s): 1277

SEMS Number(s): 88

Building 211-F, Outside Facilities (Including the 805 and 820 Tank Cells)

SRS Index Number(s): 1279

SEMS Number(s): 88

Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit

Building 222-F, Cold Feed Preparation Area

SRS Index Number(s): 1293

SEMS Number(s): 88

Building 246-F, Equipment Test Facility

SRS Index Number(s): 1352

SEMS Number(s): 88

Building 247-7F, EC Process Building

SRS Index Number(s): 1355

SEMS Number(s): 88

Building 247-8F, Compressed Gas Storage Building

SRS Index Number(s): 1356

SEMS Number(s): 88

Building 247-F, Manufacturing Building

SRS Index Number(s): 1357

SEMS Number(s): 88

Building 647-G, Warehouse

SRS Index Number(s): 1480

SEMS Number(s): 88

Building 707-2F, Regulated Shops

SRS Index Number(s): 1412

SEMS Number(s): 88

Building 723-F, Laundry Facility

SRS Index Number(s): 1425

SEMS Number(s): 88

Building 728-F, Uranium Oxide Storage Building

SRS Index Number(s): 1426

SEMS Number(s): 88

Building 730-F, Uranium Oxide Storage Building

SRS Index Number(s): 1428

SEMS Number(s): 88

Combined Spills from 221-F, NBN

SRS Index Number(s): 485

SEMS Number(s): 88

Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit

F-Area Inactive Process Sewer Lines from Building to the Security Fence, 081-1F

SRS Index Number(s): 141
SEMS Number(s): 88

F-Area Process Sewer Lines as Abandoned, NBN

SRS Index Number(s): 563
SEMS Number(s): 88

Low Level Radioactive Drain Lines from F-Area Laboratory and F-Area Laboratory High Activity Tanks C and D, 772-F and -1F

SRS Index Number(s): 308
SEMS Number(s): 88

Sandblast Area CMF-001, NBN

SRS Index Number(s): 343
SEMS Number(s): 88

Spill on 02/25/85 of 20000 CM of Water Vapor - Rad, NBN

SRS Index Number(s): 394
SEMS Number(s): 88

Spill on 04/24/91 of .11 Ci of Pu-239 and Spill on 05/26/88 of 10 Gallons of Ethylene Glycol-Rad from F-Area Laboratory, NBN

SRS Index Number(s): 414 429
SEMS Number(s): 88

Spill on 06/01/59 of <1 Ci of Segregated Solvent from 211-F, NBN

SRS Index Number(s): 435
SEMS Number(s): 88

F Tank Farm Area Operable Unit

SRS Index Number: 580
SEMS Number: 23

F-Area Retention Basin, 281-8F

SRS Index Number(s): 280
SEMS Number(s): 23

Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit

F-Area Tank Farm, 241-F (including Combined Spills from 242-F, NBN; Spill on 10/01/71 of 100 ft^2 of Flush Water-Rad, NBN; Spill on 06/26/75 of 250 ft^3 of Rad Contaminated Soil, NBN; F-Area Tank Farm, 241-F [F-Area Tank Farm Groundwater Operable Unit; Spill on 05/01/57 of 125 ft^2 of Rad Liquid from Solvent Trailer (WMF-008); Flush of Feed Pump to 242-F Spill Water in the Ground, 04/01/66 (WMF-017); Tank 19 Contaminated Area (WMF-001 & -002); 242-F Contaminated Area (WMF-003); Tank 7 Contaminated Area (WMF-004); Tank 8 Contaminated Area (WMF-005)]; Spill on 01/19/83 of 1000 ft^2 of Radioactive Spill, NBN; Spill on 04/14/81 of 3 gal of Contaminated Flush Water-Rad, NBN; Spill on 05/30/78 of Unknown of Sump Overflow, NBN; Spill on 10/16/81 of 30 gal of Low Level Waste from Trailer, NBN; Spill on 06/06/79 of <1 gal of Contaminated Liquid, NBN; Spill on 03/01/66 of 500 ft^2 of Flush Water-Rad, NBN; Spill on 04/57 of Rad Liquid from Solvent Trailer, NBN; Spill on 05/28/81 of 9000 gal Chromated Water, NBN)

SRS Index Number(s): 263 283 376 381 399 431
SEMS Number(s): 23

H Area Operable Unit

SRS Index Number: 581
SEMS Number: 61

Building 230-H, Demonstration Waste Incinerator (Beta-Gamma Incinerator)

SRS Index Number(s): 1555
SEMS Number(s): 61

Building 261-H, Consolidated Incineration Facility (CIF) (Hazardous Waste Incinerator) [1]

SRS Index Number(s): 1666
SEMS Number(s): 61

Building 782-1H, Pump House [1]

SRS Index Number(s): 1727
SEMS Number(s): 61

Combined Spills from 211-H, NBN

SRS Index Number(s): 260
SEMS Number(s): 61

Combined Spills from 241-84H, NBN

SRS Index Number(s): 261
SEMS Number(s): 61

Combined Spills from H-Canyon, NBN

SRS Index Number(s): 512
SEMS Number(s): 61

Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit

Ditch to Outfall H-012 (Tributary to Fourmile Creek), NBN

SRS Index Number(s): 274

SEMS Number(s): 61

ECODS H-1 (West of H-Area Facilities), NBN

SRS Index Number(s): 531

SEMS Number(s): 61

H-Area Coal Pile Runoff Basin, 289-H

SRS Index Number(s): 79

SEMS Number(s): 61

H-Area Inactive Process Sewer Lines from Building to Manhole P-44, 081-H

SRS Index Number(s): 142

SEMS Number(s): 61

H-Area Process Sewer Lines as Abandoned , NBN

SRS Index Number(s): 591

SEMS Number(s): 61

H-Area Retention Basins and H-Area Retention Basin (Including the Former 281-7H Basin), 281 -1H, -2H and -8H

SRS Index Number(s): 294 295 293

SEMS Number(s): 61

Sandblast Area CMH-001, NBN

SRS Index Number(s): 344

SEMS Number(s): 61

Spill on 01/12/87 of <100 Gm of Mercury North of 211-H, NBN

SRS Index Number(s): 374

SEMS Number(s): 61

Spill on 02/01/83 of 50 Gal of Oil - Rad, NBN

SRS Index Number(s): 391

SEMS Number(s): 61

Spill on 10/07/85 of 20,000 Gallons of Contaminated Water from 244-H, NBN

SRS Index Number(s): 332

SEMS Number(s): 61

Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit

H Tank Farm Area Operable Unit

SRS Index Number: 582
SEMS Number: 89

H-Area Tank Farm, 241-H (including H-Area Tank Farm, 241-H [H-Area Tank Farm Groundwater Operable Unit, Tank 37 Steam Line Contamination Area, Tank 37 to HDB-6 Capped Transfer Line, Concentrate Transfer System Contamination Area, 242-H Evaporator Contamination Area, Rock Bank Contamination Area, Diversion Box 5 Contamination Area, Tanks 9-12 Contamination Area, Tanks 13-16 Contamination Area, Pump Pits 5 and 6 Contamination Area]; Combined Spills from 241-H, NBN [Spill on 12/29/83 Piping Leak Top of Tank 13, Spill on 09/13/91 of Chromated Water from Underground Line, Spill on 01/06/81 of 10 gal Water from Cesium Removal Column]; Combined Spills from 242-H, NBN [Spill on 06/14/82 of 600-800 gal from Evaporator, Spill on 07/14/82 of 600-800 gal from Evaporator Overhead, Spill from Tank 13 Leak Detection Box, Spill on 02/01/69 of Unknown Waste Tank Spill]; Diversion Box-Rad from 907-1H, NBN; Spill on 01/19/80 of Unknown of Chromated Water from H-Area Pump House, NBN; Spill on 11/10/81 of 500 gal Chromated Water from 243-H, NBN; Spill on 04/18/80 of Unknown of Chromated Water from Valve House 3, NBN; Spill on 03/28/87 of <15,000 gal Chromated Water from 241-24H, NBN; Spill on 05/02/85 of 10 gal of Cooling Water from Tank Farm, NBN)

SRS Index Number(s): 298 262 264 275 375 403

SEMS Number(s): 89

K Area Operable Unit

SRS Index Number: 583
SEMS Number: 90

Building 901-1K, Polyphosphate Unloading and Storage Facility

SRS Index Number(s): 1762

SEMS Number(s): 90

Combined Spills from K-Area Complex, 106-K and 109-K, NBN

SRS Index Number(s): 514

SEMS Number(s): 90

K-Area Process Sewer Lines as Abandoned, NBN

SRS Index Number(s): 572

SEMS Number(s): 90

K-Area Reactor Area Cask Car Railroad Tracks as Abandoned, NBN

SRS Index Number(s): 476

SEMS Number(s): 90

Potential Release from K-Area Disassembly Basin, NBN

SRS Index Number(s): 301

SEMS Number(s): 90

Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit

Potential Release from K-Area Reactor Cooling Water System, 186/190-K

SRS Index Number(s): 302

SEMS Number(s): 90

L Area Operable Unit

SRS Index Number: 584
SEMS Number: 91

Building 108-4L, Emergency Diesel Generator & Fuel Oil Storage[1]

SRS Index Number(s): 1770

SEMS Number(s): 91

L-Area Process Sewer Lines as Abandoned, NBN

SRS Index Number(s): 560

SEMS Number(s): 91

L-Area Reactor Area Cask Car Railroad Tracks as Abandoned, NBN

SRS Index Number(s): 479

SEMS Number(s): 91

Potential Release from L-Area Disassembly Basin, NBN

SRS Index Number(s): 303

SEMS Number(s): 91

Potential Release from L-Area Reactor Cooling Water System, 186/190-L

SRS Index Number(s): 305

SEMS Number(s): 91

M Area Operable Unit[2]

SRS Index Number: 585
SEMS Number: 92

Building 305-A, Test Pile Facility

SRS Index Number(s): 1000

SEMS Number(s): 92

Building 315-4M, Hazardous/Mixed Waste Storage Pad

SRS Index Number(s): 1795

SEMS Number(s): 92

Building 316-M, Drum Storage Facility

SRS Index Number(s): 1798

SEMS Number(s): 92

Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit

Building 324-M, Vertical Press Building

SRS Index Number(s): 1803

SEMS Number(s): 92

Building 330-M, Slug Warehouse

SRS Index Number(s): 1806

SEMS Number(s): 92

Building 331-M, Core Storage Warehouse

SRS Index Number(s): 1804

SEMS Number(s): 92

Building 340-M, Laboratory Waste Treatment Facility

SRS Index Number(s): 1805

SEMS Number(s): 92

Building 341-1M, Tank Farm Containment Cover (Interim Treatment and Storage Facility)

SRS Index Number(s): 1807

SEMS Number(s): 92

Building 341-8M, Vendor Treatment Facility

SRS Index Number(s): 1808

SEMS Number(s): 92

Building 341-M, Dilute Effluent Treatment Facility

SRS Index Number(s): 1809

SEMS Number(s): 92

Building 740-A, Salvage and Reclamation Building (Including 740-1A, PCB Storage Building)

SRS Index Number(s): 1094

SEMS Number(s): 92

Building 743-A, Rigging Storage

SRS Index Number(s): 1097

SEMS Number(s): 92

Building 777-10A, Site Utilities Office Facility (Physics Assembly Laboratory)

SRS Index Number(s): 1128

SEMS Number(s): 92

Salvage Yard, 741-A

SRS Index Number(s): 340

SEMS Number(s): 92

Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit

Slab from the Decommissioning Activities at the 321-M Manufacturing Building and Associated Inactive Clay Process Sewer Lines (Including Potential Release of TCT, TET TCE, HNO_3, U, Heavy Metals from 321-M Abandoned Sewer Line), NBN

SRS Index Number(s): 1800 326
SEMS Number(s): 92

Slab from the Decommissioning Activities at the 322-M Metallurgical Laboratory and Associated Inactive Process Sewer Lines, NBN

SRS Index Number(s): 1801
SEMS Number(s): 92

Slabs from the Decommissioning Activities at the 320-M Alloy Building, the 313-M Canning Building (Slug Production Facility), NBN

SRS Index Number(s): 1799 1794
SEMS Number(s): 92

Underground Sump 321 M #001

SRS Index Number(s): 465
SEMS Number(s): 92

Underground Sump 321 M #002

SRS Index Number(s): 466
SEMS Number(s): 92

N Area Operable Unit

SRS Index Number: 586
SEMS Number: 93

Building 711-3N, Pipe Warehouse

SRS Index Number(s): 1850
SEMS Number(s): 93

Building 714-6N, Miscellaneous Storage (SYLCOR)

SRS Index Number(s): 1861
SEMS Number(s): 93

Building 717-11N, Electrical Linemen's Office/Warehouse

SRS Index Number(s): 1869
SEMS Number(s): 93

Building 717-12N, Construction Sort Building

SRS Index Number(s): 1870
SEMS Number(s): 93

Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit

Heavy Equipment Maintenance Area Miscellaneous Units (Consisting of Heavy Equipment Wash Areas #1, #2, and #3, Pickling Building, Drum Storage Area, Spray Irrigation Field, Outfall N-01, and Outfall N-02), NBN

SRS Index Number(s): 573

SEMS Number(s): 93

N-Area Process Sewer Lines as Abandoned, NBN

SRS Index Number(s): 565

SEMS Number(s): 93

New Salvage Yard, 741-G

SRS Index Number(s): 311

SEMS Number(s): 93

Sandblast Area CMN-001, NBN

SRS Index Number(s): 354

SEMS Number(s): 93

N Area Operable Unit

SRS Index Number: 586
SEMS Number: 93

Engineered Drainage Ditch Northeast of the Heavy Equipment Maintenance Area , NBN

SRS Index Number(s): 574

SEMS Number(s): 93

P Area Operable Unit[2]

SRS Index Number: 587
SEMS Number: 94

Building 105-1P, No. 2 and 5 Basin Deionizers Pad

SRS Index Number(s): 2222

SEMS Number(s): 94

Building 105-P, Reactor Building [1]

SRS Index Number(s): 1902

SEMS Number(s): 94

Building 106-P, Process Water Storage Tank

SRS Index Number(s): 2210

SEMS Number(s): 94

Building 108-1P, Engine House [1]

SRS Index Number(s): 1904

SEMS Number(s): 94

Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit

Building 108-2P, Engine House [1]

SRS Index Number(s): 1905

SEMS Number(s): 94

Building 109-P, Process Water Storage Basin

SRS Index Number(s): 2211

SEMS Number(s): 94

Building 710-P, Radiation Zone (RZ) Storage Facility

SRS Index Number(s): 2225

SEMS Number(s): 94

Building 717-9P, Pipe Fabrication Shop

SRS Index Number(s): 2220

SEMS Number(s): 94

Building 904-86G, Emergency Cooling Water Retention Basin

SRS Index Number(s): 2212

SEMS Number(s): 94

P-Area Ash Basin (Including Outfall P-007), 188-0P

SRS Index Number(s): 313

SEMS Number(s): 94

P-Area Process Sewer Lines as Abandoned, NBN and Spill on 03/15/79 of 5500 Gallons of Contaminated Water, NBN

SRS Index Number(s): 557 126

SEMS Number(s): 94

P-Area Reactor Area Cask Car Railroad Tracks as Abandoned, NBN

SRS Index Number(s): 477

SEMS Number(s): 94

Potential Release from P-Area Disassembly Basin, NBN

SRS Index Number(s): 314

SEMS Number(s): 94

Potential Release from P-Area Reactor Cooling Water System, 186/190-P

SRS Index Number(s): 316

SEMS Number(s): 94

Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit

R Area Operable Unit[2]

SRS Index Number: 588
SEMS Number: 95

Area on the North Side of Building 105-R, Laydown Area North of 105-R, and Release from the Decontamination of R-Area Reactor Disassembly Basin, NBN

SRS Index Number(s): 231, 233, 513
SEMS Number(s): 95

Building 105-R, Reactor Building [1]

SRS Index Number(s): 1921
SEMS Number(s): 95

Building 108-1R, Engine House [1]

SRS Index Number(s): 1922
SEMS Number(s): 95

Building 108-2R, Engine House [1]

SRS Index Number(s): 1923
SEMS Number(s): 95

Building 109-R, Purge Water Storage Basin

SRS Index Number(s): 1924
SEMS Number(s): 95

Building 122-R, Process Storage Building

SRS Index Number(s): 1925
SEMS Number(s): 95

Combined Spills North of Building 105-R, NBN

SRS Index Number(s): 517
SEMS Number(s): 95

Cooling Water Effluent Sump, 107-R

SRS Index Number(s): 271
SEMS Number(s): 95

Potential Release from R-Area Disassembly Basin, NBN

SRS Index Number(s): 330
SEMS Number(s): 95

Potential Release of $NaOH/H_2SO_4$ from 183-2R, NBN

SRS Index Number(s): 324
SEMS Number(s): 95

Footnotes and Explanatory Notes appear on last page of C.5

Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit

R-Area Ash Basin, 188-0R

SRS Index Number(s): 329

SEMS Number(s): 95

R-Area Groundwater

SRS Index Number(s): 288

SEMS Number(s): 95

R-Area Process Sewer Lines as Abandoned, NBN

SRS Index Number(s): 556

SEMS Number(s): 95

R-Area Reactor Area Cask Car Railroad Tracks as Abandoned, NBN

SRS Index Number(s): 478

SEMS Number(s): 95

T Area Operable Unit[2]

SRS Index Number: 589
SEMS Number: 96

Building 607-46T, Organic Removal Facility

SRS Index Number(s): 1984

SEMS Number(s): 96

Building 671-T, Service Tankage Facilities, TNX

SRS Index Number(s): 1986

SEMS Number(s): 96

Building 672-T, DWPF Semi-Works Building

SRS Index Number(s): 1977

SEMS Number(s): 96

Building 673-T, Containerization Equipment Dev Facility, TNX

SRS Index Number(s): 1987

SEMS Number(s): 96

Building 675-T, Glass Melter Building

SRS Index Number(s): 2001

SEMS Number(s): 96

Building 677-T, Pilot Plant Building

SRS Index Number(s): 1978

SEMS Number(s): 96

Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit

Building 678-T, Chemical Semi-Works Building

SRS Index Number(s): 1980

SEMS Number(s): 96

Building 679-8T, Pump House

SRS Index Number(s): 1989

SEMS Number(s): 96

Building 679-T, Engineering Test Facility (CMX)

SRS Index Number(s): 1981

SEMS Number(s): 96

Building 682-T, Manufacturing Building

SRS Index Number(s): 1991

SEMS Number(s): 96

Building 772-T, Consolidated Laboratory

SRS Index Number(s): 2000

SEMS Number(s): 96

Building 904-T, TNX Effluent Treatment Plant

SRS Index Number(s): 1990

SEMS Number(s): 96

Neutralization Sump, 678-T

SRS Index Number(s): 310

SEMS Number(s): 96

TNX Outfall Delta, Lower Discharge Gully, and Swamp, NBN

SRS Index Number(s): 500

SEMS Number(s): 96

TNX-Area Process Sewer Lines and Tile Fields as Abandoned, NBN

SRS Index Number(s): 559

SEMS Number(s): 96

X-001 Outfall Drainage Ditch, NBN

SRS Index Number(s): 467

SEMS Number(s): 96

Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit

SRS Index Number is a unique identifier for each unit. This number is used by SRS for tracking and is not meant to imply a ranking or priority.

SEMS Numbers: The EPA's Superfund Enterprise Management System database.

SNA: SEMS Number not assigned

ECODS: Early Construction and Operational Disposal Site

[1] These facilities were not addressed per FDE protocols; however, these facilities will receive final disposition as remedial actions conducted as part of the ongoing area completion effort.

[2] Units that have had a Final Record of Decision issued.

[3] This entry is for the environmental media associated with the 484-10D Facility.

[4] An Early Action Record of Decision (EAROD) has been issued for the D Area Operable Unit (DAOU). Refer to the EAROD for the DAOU (SRNS-RP-2010-00162, Revision 1.2, July 2011) for the list of subunits/facilities covered under the EAROD.

[5] An EAROD has been issued for the C Area Operable Unit (CAOU). Refer to the EAROD for the CAOU (SRNS-RP-2014-00836, Revision 1, May 2015) for the list of subunits/facilities covered under the EAROD.

APPENDIX D: TIMETABLES AND DEADLINES

Revision 0 Appendix D for Fiscal Year 2019

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
Revision 0 Appendix C, RCRA/CERCLA Unit List, Appendix G, Site Evaluation Areas, and Appendix K, D&D Facilities for Fiscal Year 2019 Submittal	10/01/2018
SRS Unit Index Number(s): N/A SEMS Number(s): N/A	
Revision 0 Appendix H, RCRA Regulated Units for Fiscal Year 2019 Submittal	10/01/2018
SRS Unit Index Number(s): N/A SEMS Number(s): N/A	
A-Area Miscellaneous Rubble Pile (731-6A) Operable Unit Revision 0 Post-Construction Report Addendum Submittal	10/24/2018
SRS Unit Index Number(s): 48 SEMS Number(s): 30	
Revision 0 Appendix E for Fiscal Year 2019 (Commitments for Fiscal Years 2020 & 2021 and Projected ROD Issuance Dates for Fiscal Year 2022+) Submittal	11/15/2018
SRS Unit Index Number(s): N/A SEMS Number(s): N/A	
D-Area Coal Storage Area (484-17D) Removal Site Evaluation Report/Engineering Evaluation/Cost Analysis (RSER/EE/CA) in Support of D-Area Groundwater Operable Unit Submittal	11/30/2018
SRS Unit Index Number(s): 520 2264 SEMS Number(s): 63	
Administrative Record File Indices Annual Update for Fiscal Year 2018 Submittal	12/01/2018
SRS Unit Index Number(s): N/A SEMS Number(s): N/A	
Federal Facility Agreement Annual Progress Report for Fiscal Year 2018 (Including annual certification of Land Use Control Units) Submittal	12/01/2018
SRS Unit Index Number(s): N/A SEMS Number(s): N/A	
Revision 0 Sixth Five-Year Remedy Review Report for Savannah River Site Operable Units with Native Soil Covers and/or Land Use Controls Submittal	12/20/2018
SRS Unit Index Number(s): N/A SEMS Number(s): 00	
Removal Actions Performed in Fiscal Year 2018 Report Submittal	01/01/2019
SRS Unit Index Number(s): N/A SEMS Number(s): N/A	
G-Area Oil Seepage Basin (761-13G) Operable Unit Revision 0 Record of Decision Remedial Alternative Selection Submittal	01/28/2019
SRS Unit Index Number(s): 77 SEMS Number(s): 93	
C-Area Groundwater Operable Unit (NBN) Removal Action Start	01/30/2019
SRS Unit Index Number(s): 146 SEMS Number(s): 82	
Restart Bulk Waste Removal Effort Activities (i.e., water addition) in Tank 10H	01/31/2019
SRS Unit Index Number(s): N/A SEMS Number(s): 89	
Issue Fifth Five-Year Remedy Review Report for Savannah River Site Operable Units with Operating Equipment	02/07/2019
SRS Unit Index Number(s): SEMS Number(s):	

SRS Unit Index Number is a unique identifier assigned to each individual RCRA/CERCLA Unit.
This number is used by SRS for tracking and is not meant to imply a ranking or priority.

SEMS: The EPA's Superfund Enterprise Management System database.

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
Wetland Area at Dunbarton Bay [NBN] in Support of Steel Creek Integrator Operable Unit Remedial Action Start	02/19/2019
SRS Unit Index Number(s): 509 SEMS Number(s): 71	
New or Replacement Waste Tank System Components Annual Report Submittal (Including status of bulk waste & heel removal activities for F Area & H Area tanks, F Area & H Area Tank Farm Performance Assessments, F Area & H Area Tank Farm General Closure Plans, operational closure of groups of tanks in F & H Areas, & implementation of Section 3116(a) with respect to F Area & H Area tanks)	03/09/2019
SRS Unit Index Number(s): 283 298 SEMS Number(s): 23 89	
Upper Three Runs Integrator Operable Unit (Including Tims Branch [NBN]) Fifth Phase II Field Start	03/31/2019
SRS Unit Index Number(s): 510 456 SEMS Number(s): 70	
M-Area Settling Basin Inactive Process Sewers to Manhole 1 (081-M) Operable Unit (Including Southern Portions of 313-M Inactive Clay Process Sewer Line to Tims Branch [NBN] and Southern Portions of 320-M Inactive Clay Process Sewer Line from the Building Slab to Former Security Fence [NBN]) Performance Evaluation Report Submittal (Reference: WSRC-RP-2008-4029, Reports will be submitted annually)	04/02/2019
SRS Unit Index Number(s): 100 234 SEMS Number(s): 19	
D-Area Ash Basin (488-1D) Revision 0 Focused Corrective Measures Study/Feasibility Study Letter in Support of D-Area Operable Unit Submittal	04/22/2019
SRS Unit Index Number(s): 238 SEMS Number(s): 63	
D-Area Ash Basin (488-2D) Revision 0 Focused Corrective Measures Study/Feasibility Study Letter in Support of D-Area Operable Unit Submittal	04/22/2019
SRS Unit Index Number(s): 272 SEMS Number(s): 63	
D-Area Ash Landfill (488-4D) Revision 0 Focused Corrective Measures Study/Feasibility Study Letter in Support of D-Area Operable Unit Submittal	04/22/2019
SRS Unit Index Number(s): 548 SEMS Number(s): 63	
D-Area Coal Pile Runoff Basin (489-D) Revision 0 Focused Corrective Measures Study/Feasibility Study Letter in Support of D-Area Operable Unit Submittal	04/22/2019
SRS Unit Index Number(s): 69 SEMS Number(s): 63	
P-Area Groundwater Operable Unit (NBN) Trichloroethylene Plumes Discharging to Steel Creek Removal Action Start	04/30/2019
SRS Unit Index Number(s): 143 SEMS Number(s): 81	
A-Area Burning/Rubble Pits (731-A, -1A), A-Area Rubble Pit (731-2A), and Miscellaneous Chemical Basin/Metals Burning Pit (731-4A, -5A) Operable Unit Performance Evaluation Report Submittal (Reference: WSRC-RP-2008-4071, Reports will be submitted annually)	05/31/2019
SRS Unit Index Number(s): 46 45 49 101 102 237 SEMS Number(s): 28	

SRS Unit Index Number is a unique identifier assigned to each individual RCRA/CERCLA Unit.
This number is used by SRS for tracking and is not meant to imply a ranking or priority.

SEMS: The EPA's Superfund Enterprise Management System database.

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
Chemicals, Metals, and Pesticides Pit (CMP Pits) (080-170G, -171G, -180G, -181G, -182G, -183G, and -190G) Operable Unit Annual Effectiveness Monitoring Report Submittal (Reference: WSRC-RP-2007-4070, Reports will be submitted annually)	06/17/2019
SRS Unit Index Number(s): 61 62 63 64 65 66 67 SEMS Number(s): 24	
C-Area Burning/Rubble Pit (131-C) and Old C-Area Burning/Rubble Pit (NBN) Operable Unit Effectiveness Monitoring Report Submittal [WSRC-RP-2008-4051 and WSRC-RP-2008-4049, Reports to be submitted biennially (every 2 years).]	06/30/2019
SRS Unit Index Number(s): 51 566 SEMS Number(s): 31	
K-Area Burning/Rubble Pit and Rubble Pile (131-K and 631-20G) (KBRP) and P-Area Burning/Rubble Pit (131-P) (PBRP) Operable Units Combined Groundwater Monitoring Report Submittal (Reference: ACP-08-133; combined sampling summary submitted annually beginning June 30, 2008, with detailed groundwater reports submitted every five years, beginning June 30, 2012. Report title updated in accordance with IACD-18-122, dated January 11, 2018.)	06/30/2019
SRS Unit Index Number(s): 84 88 108 SEMS Number(s): 40 59	
R-Area Groundwater Operable Unit (NBN) Effectiveness Monitoring Report in Support of R Area Operable Unit Submittal (Reference: SRNS-RP-2010-01259, Reports will be submitted annually for the first five years [2013 through 2017]; after five years, reports will be submitted biennially, beginning June 30, 2019.)	06/30/2019
SRS Unit Index Number(s): 288 SEMS Number(s): 95	
TNX Area Groundwater Operable Unit 2018 Comprehensive Groundwater Monitoring and Remedial Action Effectiveness Interim Report Submittal (Reference: WSRC-TR-95-284, Reports to be submitted annually.)	06/30/2019
SRS Unit Index Number(s): 25 SEMS Number(s): 21 29	
D-Area Coal Storage Area (484-17D) Action Memorandum in Support of D-Area Groundwater Operable Unit Submittal	07/30/2019
SRS Unit Index Number(s): 520 2264 SEMS Number(s): 63	
Steel Creek Integrator Operable Unit (Including Wetland Area at Dunbarton Bay [NBN], L Lake [NBN], and L-Reactor Discharge Canal [NBN]) Sixth Phase II Field Start	07/30/2019
SRS Unit Index Number(s): 509 462 SEMS Number(s): 71	
D-Area Groundwater Operable Unit (D-Area Upgradient Sources) Groundwater Monitoring Report Submittal (Reference: WSRC-RP-2003-4150, Groundwater reports will be submitted in odd numbered years)	07/31/2019
SRS Unit Index Number(s): 520 SEMS Number(s): 63	
D-Area Oil Seepage Basin (631-G) Groundwater Operable Unit Mixing Zone Letter Report Submittal (Reference: WSRC-RP-97-422, Letter reports will be submitted in odd numbered years)	07/31/2019
SRS Unit Index Number(s): 26 SEMS Number(s): 27	
A-Area Miscellaneous Rubble Pile (731-6A) Operable Unit Performance Evaluation Report Submittal (Reference: WSRC-RP-2004-4088, Reports will be submitted annually)	08/01/2019
SRS Unit Index Number(s): 48 SEMS Number(s): 30	

SRS Unit Index Number is a unique identifier assigned to each individual RCRA/CERCLA Unit.
This number is used by SRS for tracking and is not meant to imply a ranking or priority.

SEMS: The EPA's Superfund Enterprise Management System database.

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
G-Area Oil Seepage Basin (761-13G) Operable Unit Revision 0 Corrective Measures Implementation/Remedial Action Implementation Plan Submittal	09/05/2019
SRS Unit Index Number(s): 77 SEMS Number(s): 93	
D-Area Groundwater Operable Unit (D-Area Upgradient Sources) Revision 0 Resource Conservation and Recovery Act (RCRA) Facility Investigation/Remedial Investigation Work Plan Submittal	09/11/2019
SRS Unit Index Number(s): 520 SEMS Number(s): 63	
G-Area Oil Seepage Basin (761-13G) Operable Unit Issue Record of Decision Remedial Alternative Selection	09/30/2019
SRS Unit Index Number(s): 77 SEMS Number(s): 93	

SRS Unit Index Number is a unique identifier assigned to each individual RCRA/CERCLA Unit.
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SEMS: The EPA's Superfund Enterprise Management System database.

APPENDIX E: LONG-TERM PROJECTIONS

Revision 0 Appendix E: Fiscal Year 2019 Long-Term Projections
E.1: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2020

Deliverable or Milestone:		Milestone/ Submittal Date (MM/DD/YYYY)
Revision 0 Appendix C, RCRA/CERCLA Unit List, Appendix G, Site Evaluation Areas, and Appendix K, D&D Facilities for Fiscal Year 2020 Submittal		10/01/2019
SRS Unit Index Number(s): N/A	SEMS Number(s): N/A	
Revision 0 Appendix H, RCRA Regulated Units for Fiscal Year 2020 Submittal		10/01/2019
SRS Unit Index Number(s): N/A	SEMS Number(s): N/A	
Lower Three Runs Integrator Operable Unit Revision 0 Proposed Plan Submittal		10/27/2019
SRS Unit Index Number(s): 505 110 312	SEMS Number(s): 35	
Revision 0 Appendix E for Fiscal Year 2020 (Commitments for Fiscal Years 2021 & 2022 and Projected ROD Issuance Dates for Fiscal Year 2023+) Submittal		11/15/2019
SRS Unit Index Number(s): N/A	SEMS Number(s): N/A	
Complete Bulk Waste Removal Efforts for Tank 10H		11/30/2019
SRS Unit Index Number(s): N/A	SEMS Number(s): 89	
Administrative Record File Indices Annual Update for Fiscal Year 2019 Submittal		12/01/2019
SRS Unit Index Number(s): N/A	SEMS Number(s): N/A	
Federal Facility Agreement Annual Progress Report for Fiscal Year 2019 (Including annual certification of Land Use Control Units) Submittal		12/01/2019
SRS Unit Index Number(s): N/A	SEMS Number(s): N/A	
Revision 0 Sixth Five-Year Remedy Review Report for Savannah River Site Operable Units with Groundwater Remedies Submittal		12/20/2019
SRS Unit Index Number(s): N/A	SEMS Number(s): 00	
Removal Actions Performed in Fiscal Year 2019 Report Submittal		01/01/2020
SRS Unit Index Number(s): N/A	SEMS Number(s): N/A	
D-Area Groundwater Operable Unit Treatability Study Field Start		01/31/2020
SRS Unit Index Number(s): 520	SEMS Number(s): 63	
Issue Sixth Five-Year Remedy Review Report for Savannah River Site Operable Units with Native Soil Covers and/or Land Use Controls		02/06/2020
SRS Unit Index Number(s): N/A	SEMS Number(s): 00	

Savannah River Site (SRS) Unit Index Number is a unique identifier assigned to each individual RCRA/CERCLA Unit. This number is used by SRS for tracking and is not meant to imply a ranking or priority.

CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act
D&D: Deactivation and Decommissioning
NBN: No Building Number
RCRA: Resource Conservation and Recovery Act
SEMS: The U. S. Environmental Protection Agency's (EPA's) Superfund Enterprise Management System database.

[1] This facility was not addressed per Facility Decommissioning Evaluation (FDE) protocols; however, this facility will receive final disposition as a remedial action conducted as part of an ongoing characterization/remedial action.

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
Early Construction and Operational Disposal Site (ECODS) N-1 (South of N Area) (NBN), Central Shops Scrap Lumber Pile (631-2G), and Building 690-N, Process Heat Exchanger Repair Facility (aka Ford Building)[1] Operable Unit Revision 0 Resource Conservation and Recovery Act (RCRA) Facility Investigation/Remedial Investigation (RFI/RI) Work Plan Submittal	02/14/2020
SRS Unit Index Number(s): 525 244 1828 SEMS Number(s): 93	
D-Area Ash Basin (488-1D) Revision 0 Second Early Action Record of Decision Remedial Alternative Selection in Support of D-Area Operable Unit Submittal	02/18/2020
SRS Unit Index Number(s): 238 SEMS Number(s): 63	
D-Area Ash Basin (488-2D) Revision 0 Second Early Action Record of Decision Remedial Alternative Selection in Support of D-Area Operable Unit Submittal	02/18/2020
SRS Unit Index Number(s): 272 SEMS Number(s): 63	
D-Area Ash Landfill (488-4D) Revision 0 Second Early Action Record of Decision Remedial Alternative Selection in Support of D-Area Operable Unit Submittal	02/18/2020
SRS Unit Index Number(s): 548 SEMS Number(s): 63	
D-Area Coal Pile Runoff Basin (489-D) Revision 0 Second Early Action Record of Decision Remedial Alternative Selection in Support of D-Area Operable Unit Submittal	02/18/2020
SRS Unit Index Number(s): 69 SEMS Number(s): 63	
New or Replacement Waste Tank System Components Annual Report Submittal (Including status of bulk waste & heel removal activities for F Area & H Area tanks, F Area & H Area Tank Farm Performance Assessments, F Area & H Area Tank Farm General Closure Plans, operational closure of groups of tanks in F & H Areas, & implementation of Section 3116(a) with respect to F Area & H Area tanks)	03/09/2020
SRS Unit Index Number(s): 283 298 SEMS Number(s): 23 89	
M-Area Settling Basin Inactive Process Sewers to Manhole 1 (081-M) Operable Unit (Including Southern Portions of 313-M Inactive Clay Process Sewer Line to Tims Branch [NBN] and Southern Portions of 320-M Inactive Clay Process Sewer Line from the Building Slab to Former Security Fence [NBN]) Performance Evaluation Report Submittal (Reference: WSRC-RP-2008-4029, Reports will be submitted annually)	04/02/2020
SRS Unit Index Number(s): 100 234 SEMS Number(s): 19	
D-Area Coal Storage Area (484-17D) Removal Action Start in Support of D-Area Groundwater Operable Unit	04/30/2020
SRS Unit Index Number(s): 520 2264 SEMS Number(s): 63	

Savannah River Site (SRS) Unit Index Number is a unique identifier assigned to each individual RCRA/CERCLA Unit. This number is used by SRS for tracking and is not meant to imply a ranking or priority.

CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act
D&D: Deactivation and Decommissioning
NBN: No Building Number
RCRA: Resource Conservation and Recovery Act
SEMS: The U. S. Environmental Protection Agency's (EPA's) Superfund Enterprise Management System database.

[1] This facility was not addressed per Facility Decommissioning Evaluation (FDE) protocols; however, this facility will receive final disposition as a remedial action conducted as part of an ongoing characterization/remedial action.

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
A-Area Burning/Rubble Pits (731-A, -1A), A-Area Rubble Pit (731-2A), and Miscellaneous Chemical Basin/Metals Burning Pit (731-4A, -5A) Operable Unit Performance Evaluation Report Submittal (Reference: WSRC-RP-2008-4071, Reports will be submitted annually) SRS Unit Index Number(s): 46 45 49 101 102 237 SEMS Number(s): 28	05/31/2020
Lower Three Runs Integrator Operable Unit Revision 0 Record of Decision Remedial Alternative Selection Submittal SRS Unit Index Number(s): 505 110 312 SEMS Number(s): 35	06/15/2020
Wetland Area at Dunbarton Bay (NBN) Revision 0 Post Construction Report in Support of Steel Creek Integrator Operable Unit Submittal SRS Unit Index Number(s): 509 SEMS Number(s): 71	06/15/2020
Chemicals, Metals, and Pesticides Pits (CMP Pits) (080-170G, -171G, -180G, -181G, -182G, -183G, and -190G) Operable Unit Annual Effectiveness Monitoring Report Submittal (Reference: WSRC-RP-2007-4070, Reports will be submitted annually) SRS Unit Index Number(s): 61 62 63 64 65 66 67 SEMS Number(s): 24	06/17/2020
D-Area Groundwater Operable Unit (D-Area Upgradient Sources) Field Start SRS Unit Index Number(s): 520 SEMS Number(s): 63	06/30/2020
K-Area Burning/Rubble Pit and Rubble Pile (131-K and 631-20G) (KBRP) and P-Area Burning/Rubble Pit (131-P) (PBRP) Operable Units Combined Groundwater Monitoring Report Submittal (Reference: ACP-08-133; combined sampling summary submitted annually beginning June 30, 2008, with detailed groundwater reports submitted every five years, beginning June 30, 2012. Report titled updated in accordance with IACD-18-122, dated January 11, 2018.) SRS Unit Index Number(s): 84 88 108 SEMS Number(s): 40 59	06/30/2020
L-Area Southern Groundwater (NBN) Operable Unit Effectiveness Monitoring Report Submittal [Reference: SRNS-RP-2012-00857; after 2012, sampling results will be presented in 4-year effectiveness monitoring reports (EMRs) (e.g., 2012, 2016, 2020, etc.) with a 2-year data summary in letter format (e.g., 2014, 2018, 2022, etc.) in between the 4-year EMRs until the maximum contaminant levels have been attained for the L-Area Southern Groundwater monitored natural attenuation remedy. The L-Area Oil and Chemical Basin and L-Area Reactor Seepage Basin monitoring results will reported in the EMR or data summary following each 5-year sampling event.] SRS Unit Index Number(s): 487 SEMS Number(s): 77	06/30/2020

Savannah River Site (SRS) Unit Index Number is a unique identifier assigned to each individual RCRA/CERCLA Unit. This number is used by SRS for tracking and is not meant to imply a ranking or priority.

CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act
D&D: Deactivation and Decommissioning
NBN: No Building Number
RCRA: Resource Conservation and Recovery Act
SEMS: The U. S. Environmental Protection Agency's (EPA's) Superfund Enterprise Management System database.

[1] This facility was not addressed per Facility Decommissioning Evaluation (FDE) protocols; however, this facility will receive final disposition as a remedial action conducted as part of an ongoing characterization/remedial action.

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
R-Area Reactor Seepage Basins (904-57G, -58G, -59G, -60G, -103G, and -104G) and 108-4R Overflow Basin (108-4R) Groundwater Operable Unit Mixing Zone Letter Report Submittal [Reference: SRNS-RP-2012-00349, Effective June 30, 2014, reports to be submitted every 4 years (e.g., 2014, 2018, 2022, etc.) with a letter report submitted 2 years after the full report (e.g., 2016, 2020, 2024, etc.).]	06/30/2020
SRS Unit Index Number(s): 121 122 123 124 119 120 42 SEMS Number(s): 25	
Revision 0 F-Area Tank Farm Deactivation Plan Submittal	06/30/2020
SRS Unit Index Number(s): 283 580 SEMS Number(s): 23	
TNX Area Groundwater Operable Unit 2019 Comprehensive Groundwater Monitoring and Remedial Action Effectiveness Interim Report Submittal (Reference: WSRC-TR-95-284, Reports to be submitted annually.)	06/30/2020
SRS Unit Index Number(s): 25 SEMS Number(s): 21 29	
D-Area Groundwater Operable Unit (D-Area Upgradient Sources) Groundwater Letter Report Submittal (Reference: WSRC-RP-2003-4150, Letter reports will be submitted in even numbered years)	07/31/2020
SRS Unit Index Number(s): 520 SEMS Number(s): 63	
D-Area Oil Seepage Basin (631-G) Groundwater Operable Unit Mixing Zone Report Submittal (Reference: WSRC-RP-97-422, Groundwater reports will be submitted in even numbered years)	07/31/2020
SRS Unit Index Number(s): 26 SEMS Number(s): 27	
A-Area Miscellaneous Rubble Pile (731-6A) Operable Unit Performance Evaluation Report Submittal (Reference: WSRC-RP-2004-4088, Reports will be submitted annually)	08/01/2020
SRS Unit Index Number(s): 48 SEMS Number(s): 30	
Early Construction and Operational Disposal Site (ECODS) N-1 (South of N Area) (NBN), Central Shops Scrap Lumber Pile (631-2G), and Building 690-N, Process Heat Exchanger Repair Facility (aka Ford Building)[1] Operable Unit Field Start	09/21/2020
SRS Unit Index Number(s): 525 244 1828 SEMS Number(s): 93	
G-Area Oil Seepage Basin (761-13G) Operable Unit Remedial Action Start	09/30/2020
SRS Unit Index Number(s): 77 SEMS Number(s): 93	
Initiate Water Addition to Tank 9H to Begin Salt Dissolution in Support of Tank Closure Cesium Removal	09/30/2020
SRS Unit Index Number(s): 298 582 SEMS Number(s): 89	

Savannah River Site (SRS) Unit Index Number is a unique identifier assigned to each individual RCRA/CERCLA Unit. This number is used by SRS for tracking and is not meant to imply a ranking or priority.

CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act
D&D: Deactivation and Decommissioning
NBN: No Building Number
RCRA: Resource Conservation and Recovery Act
SEMS: The U. S. Environmental Protection Agency's (EPA's) Superfund Enterprise Management System database.

[1] This facility was not addressed per Facility Decommissioning Evaluation (FDE) protocols; however, this facility will receive final disposition as a remedial action conducted as part of an ongoing characterization/remedial action.

Revision 0 Appendix E: Fiscal Year 2019 Long-Term Projections
E.2: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2021

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
Revision 0 Appendix C, RCRA/CERCLA Unit List, Appendix G, Site Evaluation Areas, and Appendix K, D&D Facilities for Fiscal Year 2021 Submittal	10/01/2020
SRS Unit Index Number(s): N/A SEMS Number(s): N/A	
Revision 0 Appendix H, RCRA Regulated Units for Fiscal Year 2021 Submittal	10/01/2020
SRS Unit Index Number(s): N/A SEMS Number(s): N/A	
D-Area Groundwater Operable Unit (D-Area Upgradient Sources) Revision 0 Resource Conservation and Recovery Act (RCRA) Facility Investigation / Remedial Investigation (RFI/RI) Report with Baseline Risk Assessment Submittal	10/08/2020
SRS Unit Index Number(s): 520 SEMS Number(s): 63	
Issue D-Area Ash Basin (488-1D) Second Record of Decision Remedial Alternative Selection in Support of D-Area Operable Unit	11/10/2020
SRS Unit Index Number(s): 238 SEMS Number(s): 63	
Issue D-Area Ash Basin (488-2D) Second Record of Decision Remedial Alternative Selection in Support of D-Area Operable Unit	11/10/2020
SRS Unit Index Number(s): 272 SEMS Number(s): 63	
Issue D-Area Ash Landfill (488-4D) Second Record of Decision Remedial Alternative Selection in Support of D-Area Operable Unit	11/10/2020
SRS Unit Index Number(s): 548 SEMS Number(s): 63	
Issue D-Area Coal Pile Runoff Basin (489-D) Second Record of Decision Remedial Alternative Selection in Support of D-Area Operable Unit	11/10/2020
SRS Unit Index Number(s): 69 SEMS Number(s): 63	
Revision 0 Appendix E for Fiscal Year 2021 (Commitments for Fiscal Years 2022 & 2023 and Projected ROD Issuance Dates for Fiscal Year 2024+) Submittal	11/15/2020
SRS Unit Index Number(s): N/A SEMS Number(s): N/A	
D-Area Ash Basin (488-1D) Revision 0 Second Land Use Control Implementation Plan in Support of D-Area Operable Unit Submittal	11/30/2020
SRS Unit Index Number(s): 238 SEMS Number(s): 63	
D-Area Ash Basin (488-2D) Revision 0 Second Land Use Control Implementation Plan in Support of D-Area Operable Unit Submittal	11/30/2020
SRS Unit Index Number(s): 272 SEMS Number(s): 63	
D-Area Ash Landfill (488-4D) Revision 0 Land Use Control Implementation Plan in Support of D-Area Operable Unit Submittal	11/30/2020
SRS Unit Index Number(s): 548 SEMS Number(s): 63	

Savannah River Site (SRS) Unit Index Number is a unique identifier assigned to each individual RCRA/CERCLA Unit. This number is used by SRS for tracking and is not meant to imply a ranking or priority.

CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act
D&D: Deactivation & Decommissioning
NBN: No Building Number
RCRA: Resource Conservation and Recovery Act
SEMS: The U. S. Environmental Protection Agency's (EPA's) Superfund Enterprise Management System database.

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
D-Area Coal Pile Runoff Basin (489-D) Revision 0 Land Use Control Implementation Plan in Support of D-Area Operable Unit Submittal SRS Unit Index Number(s): 69 SEMS Number(s): 63	11/30/2020
Administrative Record File Indices Annual Update for Fiscal Year 2020 Submittal SRS Unit Index Number(s): N/A SEMS Number(s): N/A	12/01/2020
Federal Facility Agreement Annual Progress Report for Fiscal Year 2020 (Including annual certification of Land Use Control Units) Submittal SRS Unit Index Number(s): N/A SEMS Number(s): N/A	12/01/2020
Revision 0 Sixth Five-Year Remedy Review Report for Savannah River Site Operable Units with Engineered Cover Systems Submittal SRS Unit Index Number(s): N/A SEMS Number(s): 00	12/17/2020
Removal Actions Performed in Fiscal Year 2020 Report Submittal SRS Unit Index Number(s): N/A SEMS Number(s): N/A	01/01/2021
D-Area Groundwater Operable Unit (NBN) Revision 0 Treatability Study Data Report Submittal SRS Unit Index Number(s): 520 SEMS Number(s): 63	01/31/2021
Issue Sixth Five-Year Remedy Review Report for Savannah River Site Operable Units with Groundwater Remedies SRS Unit Index Number(s): N/A SEMS Number(s): 00	02/08/2021
Issue Lower Three Runs Integrator Operable Unit Record of Decision Remedial Alternative Selection SRS Unit Index Number(s): 505 110 312 SEMS Number(s): 35	02/22/2021
A-Area Ash Pile (788-A), A-Area Coal Pile Runoff Basin (788-3A), and Stormwater Outfall A-013 (NBN) Operable Unit Revision 0 Interim Record of Decision Remedial Alternative Selection Submittal SRS Unit Index Number(s): 236 47 483 SEMS Number(s): 62	03/09/2021
New or Replacement Waste Tank System Components Annual Report Submittal (Including status of bulk waste & heel removal activities for F Area & H Area tanks, F Area & H Area Tank Farm Performance Assessments, F Area & H Area Tank Farm General Closure Plans, operational closure of groups of tanks in F & H Areas, & implementation of Section 3116(a) with respect to F Area & H Area tanks) SRS Unit Index Number(s): 283 298 SEMS Number(s): 23 89	03/09/2021
M-Area Settling Basin Inactive Process Sewers to Manhole 1 (081-M) Operable Unit (Including Southern Portions of 313-M Inactive Clay Process Sewer Line to Tims Branch [NBN] and Southern Portions of 320-M Inactive Clay Process Sewer Line from the Building Slab to Former Security Fence [NBN]) Performance Evaluation Report Submittal (Reference: WSRC-RP-2008-4029, Reports will be submitted annually) SRS Unit Index Number(s): 100 234 SEMS Number(s): 19	04/02/2021

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CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act
D&D: Deactivation & Decommissioning
NBN: No Building Number
RCRA: Resource Conservation and Recovery Act
SEMS: The U. S. Environmental Protection Agency's (EPA's) Superfund Enterprise Management System database.

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
Lower Three Runs Integrator Operable Unit Revision 0 Land Use Control Implementation Plan Submittal SRS Unit Index Number(s): 505 110 312 SEMS Number(s): 35	05/04/2021
Lower Three Runs Integrator Operable Unit Revision 0 Remedial Action Implementation Plan Submittal SRS Unit Index Number(s): 505 110 312 SEMS Number(s): 35	05/04/2021
A-Area Burning/Rubble Pits (731-A, -1A), A-Area Rubble Pit (731-2A), and Miscellaneous Chemical Basin/Metals Burning Pit (731-4A, -5A) Operable Unit Performance Evaluation Report Submittal (Reference: WSRC-RP-2008-4071, Reports will be submitted annually) SRS Unit Index Number(s): 46 45 49 101 102 237 SEMS Number(s): 28	05/31/2021
Chemicals, Metals, and Pesticides Pit (CMP Pits) (080-170G, -171G, -180G, -181G, -182G, -183G, and -190G) Operable Unit Annual Effectiveness Monitoring Report Submittal (Reference: WSRC-RP-2007-4070, Reports will be submitted annually) SRS Unit Index Number(s): 61 62 63 64 65 66 67 SEMS Number(s): 24	06/17/2021
G-Area Oil Seepage Basin (761-13G) Operable Unit Revision 0 Post-Construction Report/Corrective Measures Implementation Report/Remedial Action Completion Report Submittal SRS Unit Index Number(s): 77 SEMS Number(s): 93	06/22/2021
Building 690-N, Process Heat Exchanger Repair Facility (aka Ford Building) Revision 0 Decommissioning Project Final Report (Partial Decommissioning) Submittal SRS Unit Index Number(s): 1828 SEMS Number(s): 93	06/30/2021
C-Area Burning/Rubble Pit (131-C) and Old C-Area Burning/Rubble Pit (NBN) Operable Unit Effectiveness Monitoring Report Submittal [WSRC-RP-2008-4051 and WSRC-RP-2008-4049, Reports to be submitted biennially (every 2 years).] SRS Unit Index Number(s): 51 566 SEMS Number(s): 31	06/30/2021
K-Area Burning/Rubble Pit and Rubble Pile (131-K and 631-20G) (KBRP) and P-Area Burning/Rubble Pit (131-P) (PBRP) Operable Units Combined Groundwater Monitoring Report Submittal (Reference: ACP-08-133; combined sampling summary submitted annually beginning June 30, 2008, with detailed groundwater reports submitted every five years, beginning June 30, 2012. Report title updated in accordance with IACD-18-122, dated January 11, 2018.) SRS Unit Index Number(s): 84 88 108 SEMS Number(s): 40 59	06/30/2021
R-Area Groundwater Operable Unit (NBN) Effectiveness Monitoring Report in Support of R Area Operable Unit Submittal (Reference: SRNS-RP-2010-01259, Reports will be submitted annually for the first five years [2013 through 2017]; after five years, reports will be submitted biennially, beginning June 30, 2019.) SRS Unit Index Number(s): 288 SEMS Number(s): 95	06/30/2021

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Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
TNX Area Groundwater Operable Unit 2020 Comprehensive Groundwater Monitoring and Remedial Action Effectiveness Interim Report Submittal (Reference: WSRC-TR-95-284, Reports to be submitted annually.) SRS Unit Index Number(s): 25 SEMS Number(s): 21 29	06/30/2021
D-Area Groundwater Operable Unit (D-Area Upgradient Sources) Revision 0 Corrective Measures Study/Feasibility Study Submittal SRS Unit Index Number(s): 520 SEMS Number(s): 63	07/20/2021
D-Area Groundwater Operable Unit (D-Area Upgradient Sources) Groundwater Monitoring Report Submittal (Reference: WSRC-RP-2003-4150, Groundwater reports will be submitted in odd numbered years) SRS Unit Index Number(s): 520 SEMS Number(s): 63	07/31/2021
D-Area Oil Seepage Basin (631-G) Groundwater Operable Unit Mixing Zone Letter Report Submittal (Reference: WSRC-RP-97-422, Letter reports will be submitted in odd numbered years) SRS Unit Index Number(s): 26 SEMS Number(s): 27	07/31/2021
A-Area Miscellaneous Rubble Pile (731-6A) Operable Unit Performance Evaluation Report Submittal (Reference: WSRC-RP-2004-4088, Reports will be submitted annually) SRS Unit Index Number(s): 48 SEMS Number(s): 30	08/01/2021
D-Area Ash Basin (488-1D) Remedial Action Start in Support of D-Area Operable Unit SRS Unit Index Number(s): 238 SEMS Number(s): 63	09/03/2021
D-Area Ash Basin (488-2D) Remedial Action Start in Support of D-Area Operable Unit SRS Unit Index Number(s): 272 SEMS Number(s): 63	09/03/2021
D-Area Ash Landfill (488-4D) Remedial Action Start in Support of D-Area Operable Unit SRS Unit Index Number(s): 548 SEMS Number(s): 63	09/03/2021
D-Area Coal Pile Runoff Basin (489-D) Remedial Action Start in Support of D-Area Operable Unit SRS Unit Index Number(s): 69 SEMS Number(s): 63	09/03/2021

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Watershed / Category (Integrator Operable Unit, Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit, RCRA/CERCLA Units or FFA Facility Closures, or Site Evaluation Areas) / Area Operable Unit or Integrator Operable Unit Name / Unit Name	Site Evaluation Report Submittal Date or Field Start	ROD Issuance	RA Start or Tank Dates
Fourmile Branch Watershed			
High Level Radioactive Waste Tanks			
Complete Operational Closure of FDB-5 and FDB-6 Diversion Boxes			DEC 2022
SRS Index Number(s): 283 580 1307 1308 SEMS Number(s): 23			
Integrator Operable Unit			
Fourmile Branch Integrator Operable Unit (Including the Un-Named Tributary of Fourmile Branch South of C Area [NBN])	AUG 2001	SEP 2064	JAN 2065
Phase III Field Start	MAY 2059		
Periodic Report on the Bioassessment of Savannah River Site Streams[12]	SEP 2025		
Periodic Report on the Bioassessment of Savannah River Site Streams[12]	SEP 2032		
Periodic Report on the Bioassessment of Savannah River Site Streams[12]	SEP 2039		
Periodic Report on the Bioassessment of Savannah River Site Streams[12]	SEP 2046		
Periodic Report on the Bioassessment of Savannah River Site Streams[12]	SEP 2053		
SRS Index Number(s): 504 SEMS Number(s): 84			
RCRA/CERCLA Units			
C-Area Groundwater Operable Unit (NBN) (including Building 108-3C, Fuel Unloading Facilities Power - Area Supv [1])	MAR 2002	APR 2027	JUL 2028
SRS Index Number(s): 146 2237 SEMS Number(s): 82			

Watershed / Category (Integrator Operable Unit, Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit, RCRA/CERCLA Units or FFA Facility Closures, or Site Evaluation Areas) / Area Operable Unit or Integrator Operable Unit Name / Unit Name	Site Evaluation Report Submittal Date or Field Start	ROD Issuance	RA Start or Tank Dates
Central Shops Groundwater Operable Unit (NBN) SRS Index Number(s): 567 SEMS Number(s): 98	DEC 2058	MAR 2062	JUN 2063
ECODS N-1 (South of N Area) (NBN), Central Shops Scrap Lumber Pile (631-2G), and Building 690-N, Process Heat Exchanger Repair Facility (aka Ford Building) [1] Operable Unit SRS Index Number(s): 525 244 1828 SEMS Number(s): 93	SEP 2020	DEC 2023	DEC 2024
Sandblast Area CMH-002 (NBN) and Spill on 02/01/57 of Unknown of Seepage Basin Pipe Leak from 904-44G (NBN) Operable Unit SRS Index Number(s): 346 225 SEMS Number(s): 61	SEP 2024	SEP 2027	DEC 2028
Site Evaluation Areas			
H-Area Ash Basin (288-H) SRS Index Number(s): 292 SEMS Number(s): NA	DEC 2034		
Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit			
C Area Operable Unit [6, 9] SRS Index Number: 577 SEMS Number: 79	SEP 2011	AUG 2044	NOV 2045
Building 106-C, Process Water Storage Tank[1] SRS Index Number(s): 2232 SEMS Number(s): 79			
Building 107-C, Cooling Water Effluent Sump[1] SRS Index Number(s): 1178 SEMS Number(s): 79			
Building 109-C, Storage Basin[1] SRS Index Number(s): 2233 SEMS Number(s): 79			

Watershed / Category (Integrator Operable Unit, Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit, RCRA/CERCLA Units or FFA Facility Closures, or Site Evaluation Areas) / Area Operable Unit or Integrator Operable Unit Name / Unit Name	Site Evaluation Report Submittal Date or Field Start	ROD Issuance	RA Start or Tank Dates
Building 710-C, Pre-Manufactured Metal Shelter			
SRS Index Number(s): 2256 SEMS Number(s): 79			
Building 717-C, Contaminated Maintenance Facility			
SRS Index Number(s): 1201 SEMS Number(s): 79			
Building 904-89G, Retention Basin for 100-C Containment[1]			
SRS Index Number(s): 2240 SEMS Number(s): 79			
C Area Operable Unit Final Action		AUG 2044	NOV 2045
SRS Index Number(s): 577 SEMS Number(s): 79			
C-Area Process Sewer Lines as Abandoned (NBN)			
SRS Index Number(s): 555 SEMS Number(s): 79			
C-Area Reactor Area Cask Car Railroad Tracks as Abandoned (NBN)			
SRS Index Number(s): 475 SEMS Number(s): 79			
C-Area Reactor Discharge Canal (NBN)	SEP 2011	AUG 2044	NOV 2045
SRS Index Number(s): 511 SEMS Number(s): 79			
Containment Tank C803-7-1 (NBN)			
SRS Index Number(s): 2255 SEMS Number(s): 79			
ECODS C-1 (Near C-Area Reactor Discharge Canal) (NBN)			
SRS Index Number(s): 522 SEMS Number(s): 79			
Potential Release from C-Area Disassembly Basin (NBN)			
SRS Index Number(s): 240 SEMS Number(s): 79			
Potential Release from C-Area Reactor Cooling Water System (186/190-C)			
SRS Index Number(s): 242 SEMS Number(s): 79			

Watershed / Category (Integrator Operable Unit, Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit, RCRA/CERCLA Units or FFA Facility Closures, or Site Evaluation Areas) / Area Operable Unit or Integrator Operable Unit Name / Unit Name	Site Evaluation Report Submittal Date or Field Start	ROD Issuance	RA Start or Tank Dates
F Area Operable Unit [7] SRS Index Number: 579 SEMS Number: 88	SEP 2022	SEP 2039	DEC 2040
Building 211-2F, Control and Check House SRS Index Number(s): 1275 SEMS Number(s): 88	SEP 2022	OCT 2026	JAN 2028
Building 211-3F, Waste Truck Unloading Station SRS Index Number(s): 1276 SEMS Number(s): 88	SEP 2022	OCT 2026	JAN 2028
Building 211-7F, Chemical Handling Facility SRS Index Number(s): 1277 SEMS Number(s): 88	SEP 2022	OCT 2026	JAN 2028
Building 211-F, Outside Facilities (Including the 805 and 820 Tank Cells) SRS Index Number(s): 1279 SEMS Number(s): 88	SEP 2022	OCT 2026	JAN 2028
Building 222-F, Cold Feed Preparation Area SRS Index Number(s): 1293 SEMS Number(s): 88	SEP 2022	OCT 2026	JAN 2028
Building 246-F, Equipment Test Facility SRS Index Number(s): 1352 SEMS Number(s): 88	SEP 2022	OCT 2026	JAN 2028
Building 247-7F, EC Process Building SRS Index Number(s): 1355 SEMS Number(s): 88	SEP 2022	OCT 2026	JAN 2028
Building 247-8F, Compressed Gas Storage Building SRS Index Number(s): 1356 SEMS Number(s): 88	SEP 2022	OCT 2026	JAN 2028
Building 247-F, Manufacturing Building SRS Index Number(s): 1357 SEMS Number(s): 88	SEP 2022	OCT 2026	JAN 2028
Building 647-G, Warehouse SRS Index Number(s): 1480 SEMS Number(s): 88	SEP 2022	OCT 2026	JAN 2028

Watershed / Category (Integrator Operable Unit, Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit, RCRA/CERCLA Units or FFA Facility Closures, or Site Evaluation Areas) / Area Operable Unit or Integrator Operable Unit Name / Unit Name	Site Evaluation Report Submittal Date or Field Start	ROD Issuance	RA Start or Tank Dates
Building 707-2F, Regulated Shops SRS Index Number(s): 1412 SEMS Number(s): 88	SEP 2022	OCT 2026	JAN 2028
Building 723-F, Laundry Facility SRS Index Number(s): 1425 SEMS Number(s): 88	SEP 2022	OCT 2026	JAN 2028
Building 728-F, Uranium Oxide Storage Building SRS Index Number(s): 1426 SEMS Number(s): 88	SEP 2022	OCT 2026	JAN 2028
Building 730-F, Uranium Oxide Storage Building SRS Index Number(s): 1428 SEMS Number(s): 88	SEP 2022	OCT 2026	JAN 2028
Combined Spills from 221-F (NBN) SRS Index Number(s): 485 SEMS Number(s): 88	SEP 2022	OCT 2026	JAN 2028
F-Area Inactive Process Sewer Lines from Building to the Security Fence (081-1F) SRS Index Number(s): 141 SEMS Number(s): 88	SEP 2022	OCT 2026	JAN 2028
F-Area Operable Unit Final Action SRS Index Number(s): 579 SEMS Number(s): 88		SEP 2039	DEC 2040
F-Area Process Sewer Lines as Abandoned (NBN) SRS Index Number(s): 563 SEMS Number(s): 88	SEP 2022	OCT 2026	JAN 2028
Low Level Radioactive Drain Lines from F-Area Laboratory and F-Area Laboratory High Activity Tanks C and D (772-F and -1F) SRS Index Number(s): 308 SEMS Number(s): 88	SEP 2022	OCT 2026	JAN 2028
Sandblast Area CMF-001 (NBN) SRS Index Number(s): 343 SEMS Number(s): 88	SEP 2022	OCT 2026	JAN 2028
Spill on 02/25/85 of 20000 CM of Water Vapor - Rad (NBN) SRS Index Number(s): 394 SEMS Number(s): 88	SEP 2022	OCT 2026	JAN 2028

Watershed / Category (Integrator Operable Unit, Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit, RCRA/CERCLA Units or FFA Facility Closures, or Site Evaluation Areas) / Area Operable Unit or Integrator Operable Unit Name / Unit Name	Site Evaluation Report Submittal Date or Field Start	ROD Issuance	RA Start or Tank Dates
Spill on 04/24/91 of .11 Ci of Pu-239 (NBN) and Spill on 05/26/88 of 10 Gallons of Ethylene Glycol-Rad from F-Area Laboratory (NBN) SRS Index Number(s): 414 429 SEMS Number(s): 88	SEP 2022	OCT 2026	JAN 2028
Spill on 06/01/59 of <1 CI of Segregated Solvent from 211-F (NBN) SRS Index Number(s): 435 SEMS Number(s): 88	SEP 2022	OCT 2026	JAN 2028
F Tank Farm Area Operable Unit SRS Index Number: 580 SEMS Number: 23	FEB 2036	JAN 2040	APR 2041
F-Area Retention Basin (281-8F) SRS Index Number(s): 280 SEMS Number(s): 23	FEB 2036	JAN 2040	APR 2041
F-Area Tank Farm, 241-F (including Combined Spills from 242-F, NBN; Spill on 10/01/71 of 100 ft^2 of Flush Water-Rad, NBN; Spill on 06/26/75 of 250 ft^3 of Rad Contaminated Soil, NBN; F-Area Tank Farm, 241-F [F-Area Tank Farm Groundwater Operable Unit; Spill on 05/01/57 of 125 ft^2 of Rad Liquid from Solvent Trailer (WMF-008) (formerly Index No. 200); Flush of Feed Pump to 242-F Spill Water in the Ground, 04/01/66 (WMF-017); Tank 19 Contaminated Area (WMF-001 & -002); 242-F Contaminated Area (WMF-003); Tank 7 Contaminated Area (WMF -004); Tank 8 Contaminated Area (WMF-005)]; Spill on 01/19/83 of 1000 ft^2 of Radioactive Spill, NBN; Spill on 04/14/81 of 3 gal of Contaminated Flush Water-Rad, NBN; Spill on 05/30/78 of Unknown of Sump Overflow, NBN; Spill on 10/16/81 of 30 gal of Low Level Waste from Trailer, NBN; Spill on 06/06/79 of <1 gal of Contaminated Liquid, NBN; Spill on 03/01/66 of 500 ft^2 of Flush Water-Rad, NBN; Spill on 04/57 of Rad Liquid from Solvent Trailer, NBN; Spill on 05/28/81 of 9000 gal Chromated Water, NBN) SRS Index Number(s): 263 283 376 381 399 431 SEMS Number(s): 23	FEB 2036	JAN 2040	APR 2041
H Area Operable Unit SRS Index Number: 581 SEMS Number: 61	SEP 2037	JAN 2042	APR 2043
Building 230-H, Demonstration Waste Incinerator (Beta-Gamma Incinerator) SRS Index Number(s): 1555 SEMS Number(s): 61	SEP 2037	JAN 2042	APR 2043

Watershed / Category (Integrator Operable Unit, Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit, RCRA/CERCLA Units or FFA Facility Closures, or Site Evaluation Areas) / Area Operable Unit or Integrator Operable Unit Name / Unit Name	Site Evaluation Report Submittal Date or Field Start	ROD Issuance	RA Start or Tank Dates
Building 261-H, Consolidated Incineration Facility (CIF) (Hazardous Waste Incinerator) Early Remedial Action SRS Index Number(s): 1666 SEMS Number(s): 61		SEP 2023	SEP 2024
Building 782-1H, Pump House[1] SRS Index Number(s): 1727 SEMS Number(s): 61	SEP 2037	JAN 2042	APR 2043
Combined Spills from 211-H (NBN) SRS Index Number(s): 260 SEMS Number(s): 61	SEP 2037	JAN 2042	APR 2043
Combined Spills from 241-84H (NBN) SRS Index Number(s): 261 SEMS Number(s): 61	SEP 2037	JAN 2042	APR 2043
Combined Spills from H-Canyon (NBN) SRS Index Number(s): 512 SEMS Number(s): 61	SEP 2037	JAN 2042	APR 2043
Ditch to Outfall H-012 (Tributary to Fourmile Creek) (NBN) SRS Index Number(s): 274 SEMS Number(s): 61	SEP 2037	JAN 2042	APR 2043
ECODS H-1 (West of H-Area Facilities) (NBN) SRS Index Number(s): 531 SEMS Number(s): 61	SEP 2037	JAN 2042	APR 2043
H-Area Coal Pile Runoff Basin (289-H) SRS Index Number(s): 79 SEMS Number(s): 61	SEP 2037	JAN 2042	APR 2043
H-Area Inactive Process Sewer Lines from Building to Manhole P-44 (081-H) SRS Index Number(s): 142 SEMS Number(s): 61	SEP 2037	JAN 2042	APR 2043
H-Area Process Sewer Lines as Abandoned (NBN) SRS Index Number(s): 591 SEMS Number(s): 61	SEP 2037	JAN 2042	APR 2043
H-Area Retention Basins and H-Area Retention Basin (Including the Former 281-7H Basin), (281-1H, -2H and -8H) SRS Index Number(s): 294 295 293 SEMS Number(s): 61	SEP 2037	JAN 2042	APR 2043

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Sandblast Area CMH-001 (NBN) SRS Index Number(s): 344 SEMS Number(s): 61	SEP 2037	JAN 2042	APR 2043
Spill on 01/12/87 of <100 Gm of Mercury North of 211-H (NBN) SRS Index Number(s): 374 SEMS Number(s): 61	SEP 2037	JAN 2042	APR 2043
Spill on 02/01/83 of 50 Gal of Oil - Rad (NBN) SRS Index Number(s): 391 SEMS Number(s): 61	SEP 2037	JAN 2042	APR 2043
Spill on 10/07/85 of 20,000 Gallons of Contaminated Water from 244-H (NBN) SRS Index Number(s): 332 SEMS Number(s): 61	SEP 2037	JAN 2042	APR 2043
H Tank Farm Area Operable Unit SRS Index Number: 582 SEMS Number: 89	AUG 2039	FEB 2045	MAY 2046
H-Area Tank Farm, 241-H (including H-Area Tank Farm, 241-H [H Tank Farm Groundwater Operable Unit; Tank 37 Steam Line Contamination Area, Tank 37 to HDB-6 Capped Transfer Line, Concentrate Transfer System Contamination Area, 242-H Evaporator Contamination Area, Rock Bank Contamination Area, Diversion Box 5 Contamination Area, Tanks 9-12 Contamination Area, Tanks 13-16 Contamination Area, Pump Pits 5 and 6 Contamination Area]; Combined Spills from 241-H, NBN [Spill on 12/29/83 Piping Leak Top of Tank 13, Spill on 09/13/91 of Chromated Water from Underground Line, Spill on 01/06/81 of 10 gal Water from Cesium Removal Column]; Combined Spills from 242-H, NBN [Spill on 06/14/82 of 600 -800 gal from Evaporator, Spill on 07/14/82 of 600-800 gal from Evaporator Overhead, Spill from Tank 13 Leak Detection Box, Spill on 02/01/69 of Unknown Waste Tank Spill]; Diversion Box Rad from 907-1H, NBN; Spill on 01/19/80 of Unknown of Chromated Water from H-Area Pump House, NBN; Spill on 11/10/81 of 500 gal Chromated Water from 243-H, NBN; Spill on 04/18/80 of Unknown of Chromated Water from Valve House 3, NBN; Spill on 03/28/87 of <15,000 gal Chromated Water from 241-24H, NBN; Spill on 05/02/85 of 10 gal of Cooling Water from Tank Farm, NBN) SRS Index Number(s): 298 262 264 275 375 403 SEMS Number(s): 89	AUG 2039	FEB 2045	MAY 2046

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N Area Operable Unit [7] SRS Index Number: 586 SEMS Number: 93	DEC 2033	MAR 2061	JUN 2062
Building 711-3N, Pipe Warehouse SRS Index Number(s): 1850 SEMS Number(s): 93	DEC 2033	MAR 2037	JUN 2038
Building 714-6N, Miscellaneous Storage (SYLCOR) SRS Index Number(s): 1861 SEMS Number(s): 93	DEC 2033	MAR 2037	JUN 2038
Building 717-11N, Electrical Lineman's Office/Warehouse SRS Index Number(s): 1869 SEMS Number(s): 93	DEC 2033	MAR 2037	JUN 2038
Building 717-12N, Construction Sort Building SRS Index Number(s): 1870 SEMS Number(s): 93	DEC 2033	MAR 2037	JUN 2038
Engineered Drainage Ditch Northeast of the Heavy Equipment Maintenance Area (NBN) SRS Index Number(s): 574 SEMS Number(s): 93	DEC 2033	MAR 2037	JUN 2038
Heavy Equipment Maintenance Area Miscellaneous Units (Consisting of Heavy Equipment Wash Areas #1, #2, and #3, Pickling Building, Drum Storage Area, Spray Irrigation Field, Outfall N-01, and Outfall N-02) (NBN) SRS Index Number(s): 573 SEMS Number(s): 93	DEC 2033	MAR 2037	JUN 2038
N-Area Operable Unit Final Action SRS Index Number(s): 586 SEMS Number(s): 93		MAR 2061	JUN 2062
N-Area Process Sewer Lines as Abandoned (NBN) SRS Index Number(s): 565 SEMS Number(s): 93	DEC 2033	MAR 2037	JUN 2038
New Salvage Yard (741-G) SRS Index Number(s): 311 SEMS Number(s): 93	DEC 2033	MAR 2037	JUN 2038
Sandblast Area CMN-001 (NBN) SRS Index Number(s): 354 SEMS Number(s): 93	DEC 2033	MAR 2037	JUN 2038

Watershed / Category (Integrator Operable Unit, Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit, RCRA/CERCLA Units or FFA Facility Closures, or Site Evaluation Areas) / Area Operable Unit or Integrator Operable Unit Name / Unit Name	Site Evaluation Report Submittal Date or Field Start	ROD Issuance	RA Start or Tank Dates
Lower Three Runs Watershed			
Integrator Operable Unit			
Lower Three Runs Integrator Operable Unit	MAR 2003	FEB 2021	MAY 2022
PAR Pond (685-G) (Including the Pre-Cooler Ponds and Canals) (NBN), P-Area Reactor Discharge Canal to PAR Pond (Including Pre-Cooler Ponds) (NBN), and Old R-Area Discharge Canal (NBN) (also known as Joyce Branch)			
SRS Index Number(s): 505 110 312 SEMS Number(s): 35			

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Pen Branch Watershed			
Integrator Operable Unit			
Pen Branch Integrator Operable Unit (Including Indian Grave Branch [NBN]) [12]	OCT 2002	SEP 2049	DEC 2049
Phase III Field Start	JUN 2043		
K-Area Reactor Discharge Canal (NBN) SRS Index Number(s): 506 460 SEMS Number(s): 74			
RCRA/CERCLA Units			
G-Area Oil Seepage Basin Operable Unit (761-13G) SRS Index Number(s): 77 SEMS Number(s): 93	SEP 2016	SEP 2019	SEP 2020
K-Area Ash Basin Operable Unit (188-0K) SRS Index Number(s): 300 SEMS Number(s): 90	SEP 2024	SEP 2027	DEC 2028
K-Area Groundwater Operable Unit (Including K-Area Tritium Anomaly) (NBN) SRS Index Number(s): 519 SEMS Number(s): 99	SEP 2042	MAR 2048	JUN 2049
Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit			
K Area Operable Unit [7] SRS Index Number: 583 SEMS Number: 90	SEP 2034	SEP 2047	DEC 2048
Building 901-1K, Polyphosphate Unloading and Storage Facility SRS Index Number(s): 1762 SEMS Number(s): 90	SEP 2034	OCT 2039	JAN 2041

Watershed / Category (Integrator Operable Unit, Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit, RCRA/CERCLA Units or FFA Facility Closures, or Site Evaluation Areas) / Area Operable Unit or Integrator Operable Unit Name / Unit Name	Site Evaluation Report Submittal Date or Field Start	ROD Issuance	RA Start or Tank Dates
Combined Spills from K-Area Complex, 106-K and 109-K (NBN) SRS Index Number(s): 514 SEMS Number(s): 90	SEP 2034	OCT 2039	JAN 2041
K-Area Operable Unit Final Action SRS Index Number(s): 583 SEMS Number(s): 90		SEP 2047	DEC 2048
K-Area Process Sewer Lines as Abandoned (NBN) SRS Index Number(s): 572 SEMS Number(s): 90	SEP 2034	OCT 2039	JAN 2041
K-Area Reactor Area Cask Car Railroad Tracks as Abandoned (NBN) SRS Index Number(s): 476 SEMS Number(s): 90	SEP 2034	OCT 2039	JAN 2041
Potential Release from K-Area Disassembly Basin (NBN) SRS Index Number(s): 301 SEMS Number(s): 90	SEP 2034	OCT 2039	JAN 2041
Potential Release from K-Area Reactor Cooling Water System (186/190-K) SRS Index Number(s): 302 SEMS Number(s): 90	SEP 2034	OCT 2039	JAN 2041

Watershed / Category (Integrator Operable Unit, Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit, RCRA/CERCLA Units or FFA Facility Closures, or Site Evaluation Areas) / Area Operable Unit or Integrator Operable Unit Name / Unit Name	Site Evaluation Report Submittal Date or Field Start	ROD Issuance	RA Start or Tank Dates
Savannah River Floodplain Swamp Watershed			
Integrator Operable Unit			
Savannah River and Floodplain Swamp Integrator Operable Unit (Including Beaver Dam Creek [NBN], D-Area Effluent Discharge Canal [NBN], and Ash Area Adjacent to and Easterly of D-Area Ash Basins 488-1D and 488-2D [NBN]) [10, 12]	MAY 2001	JUN 2064	SEP 2065
Phase III Field Start	DEC 2059		
D-Area Ash Basin Wetlands (NBN) and D-006 Petroleum Release Site (NBN) SRS Index Number(s): 508 569 570 SEMS Number(s): 69			
RCRA/CERCLA Units			
D-Area Groundwater Operable Unit (D-Area Upgradient Sources) (NBN) [11] SRS Index Number(s): 520 SEMS Number(s): 63	JUN 2020	JUN 2023	SEP 2024
Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit			
D Area Operable Unit [3, 8] SRS Index Number: 578 SEMS Number: 63	SEP 2008	JAN 2046	APR 2047
Building 420-2D, Rework Handling Facility SRS Index Number(s): 1212 SEMS Number(s): 63			
Building 420-D, Concentrator Building SRS Index Number(s): 1214 SEMS Number(s): 63			

Watershed / Category (Integrator Operable Unit, Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit, RCRA/CERCLA Units or FFA Facility Closures, or Site Evaluation Areas) / Area Operable Unit or Integrator Operable Unit Name / Unit Name	Site Evaluation Report Submittal Date or Field Start	ROD Issuance	RA Start or Tank Dates
Building 421-2D, Moderator Handling and Storage			
SRS Index Number(s): 1215 SEMS Number(s): 63			
Building 421-D, Finishing Building			
SRS Index Number(s): 1218 SEMS Number(s): 63			
Building 772-D, Control Laboratory and Supervisor's Office			
SRS Index Number(s): 1250 SEMS Number(s): 63			
Combined Spills from 483-D and Associated Areas (NBN)	SEP 2008	JAN 2046	APR 2047
SRS Index Number(s): 265 SEMS Number(s): 63			
D-Area Asbestos Pit (080-20G)			
SRS Index Number(s): 211 SEMS Number(s): 63			
D-Area Ash Basin (488-1D) [2]		NOV 2020	SEP 2021
SRS Index Number(s): 238 SEMS Number(s): 63			
D-Area Ash Basin (488-2D) [2]		NOV 2020	SEP 2021
SRS Index Number(s): 272 SEMS Number(s): 63			
D-Area Ash Landfill (488-4D) [2]		NOV 2020	SEP 2021
SRS Index Number(s): 548 SEMS Number(s): 63			
D-Area Coal Pile Runoff Basin (489-D) [2]	SEP 2008	NOV 2020	SEP 2021
SRS Index Number(s): 69 SEMS Number(s): 63			
D-Area Operable Unit Final Action		JAN 2046	APR 2047
SRS Index Number(s): 578 SEMS Number(s): 63			
D-Area Process Sewer Lines as Abandoned (NBN)	SEP 2008	JAN 2046	APR 2047
SRS Index Number(s): 558 SEMS Number(s): 63			
D-Area Waste Oil Facility (484-10D) [4]	SEP 2008	JAN 2046	APR 2047
SRS Index Number(s): 70 SEMS Number(s): 63			

Watershed / Category (Integrator Operable Unit, Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit, RCRA/CERCLA Units or FFA Facility Closures, or Site Evaluation Areas) / Area Operable Unit or Integrator Operable Unit Name / Unit Name	Site Evaluation Report Submittal Date or Field Start	ROD Issuance	RA Start or Tank Dates
Steel Creek Watershed			
Integrator Operable Unit			
Steel Creek Integrator Operable Unit (Including Wetland Area at Dunbarton Bay [NBN], L Lake [NBN] and L-Area Reactor Discharge Canal [NBN]) [12]	SEP 2000	AUG 2064	DEC 2064
Phase III Field Start	FEB 2059		
Wetland Area at Dunbarton Bay (NBN)		AUG 2018	FEB 2019
P-Area Reactor Discharge Canal (NBN)			
SRS Index Number(s): 509 462			
SEMS Number(s): 71			
RCRA/CERCLA Units			
ECODS L-3 (East of L Area) (NBN), L-Area Rubble Pit (131-1L), L-Area Rubble Pit (131-4L), and L-Area Ash Basin (188-0L) Operable Unit	SEP 2022	AUG 2025	NOV 2026
SRS Index Number(s): 537 98 99 148			
SEMS Number(s): 91			
P-Area Groundwater Operable Unit (NBN)	DEC 2013	MAY 2031	JUL 2032
SRS Index Number(s): 143			
SEMS Number(s): 81			
Site Evaluation Areas			
Dunbarton Railroad Yard (NBN)	DEC 2035		
SRS Index Number(s): 546			
SEMS Number(s): NA			

Watershed / Category (Integrator Operable Unit, Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit, RCRA/CERCLA Units or FFA Facility Closures, or Site Evaluation Areas) / Area Operable Unit or Integrator Operable Unit Name / Unit Name	Site Evaluation Report Submittal Date or Field Start	ROD Issuance	RA Start or Tank Dates
Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit			
L Area Operable Unit[7] SRS Index Number: 584 SEMS Number: 91	SEP 2034	JUL 2063	OCT 2064
Building 108-4L, Emergency Diesel Generator and Fuel Oil Storage[1] SRS Index Number(s): 1770 SEMS Number(s): 91	SEP 2034	OCT 2040	JAN 2042
L-Area Operable Unit Final Action SRS Index Number(s): 584 SEMS Number(s): 91		JUL 2063	OCT 2064
L-Area Process Sewer Lines as Abandoned (NBN) SRS Index Number(s): 560 SEMS Number(s): 91	SEP 2034	OCT 2040	JAN 2042
L-Area Reactor Area Cask Car Railroad Tracks as Abandoned (NBN) SRS Index Number(s): 479 SEMS Number(s): 91	SEP 2034	OCT 2040	JAN 2042
Potential Release from L-Area Disassembly Basin (NBN) SRS Index Number(s): 303 SEMS Number(s): 91	SEP 2034	OCT 2040	JAN 2042
Potential Release from L-Area Reactor Cooling Water System (186/190-L) SRS Index Number(s): 305 SEMS Number(s): 91	SEP 2034	OCT 2040	JAN 2042

Watershed / Category (Integrator Operable Unit, Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit, RCRA/CERCLA Units or FFA Facility Closures, or Site Evaluation Areas) / Area Operable Unit or Integrator Operable Unit Name / Unit Name	Site Evaluation Report Submittal Date or Field Start	ROD Issuance	RA Start or Tank Dates
Upper Three Runs Watershed			
E-Area Low Level Waste Facility			
E-Area Low-Level Waste Facility, 643-26E [including Low Level Radioactive Waste Disposal Facility (non-hazardous waste disposal portion of 643-7E) and Combined Spills from 643-G as reported in WSRC-RP-97-419] [5] SRS Index Number(s): 592 571 266 SEMS Number(s): 86		MAR 2063	DEC 2063
Integrator Operable Unit			
Upper Three Runs Integrator Operable Unit (Including Tims Branch [NBN]) [12]	MAY 2003	SEP 2063	DEC 2063
Phase III Field Start	NOV 2057		
Steed Pond (NBN) SRS Index Number(s): 510 456 SEMS Number(s): 70			
RCRA/CERCLA Units			
A-Area Ash Pile (788-0A), A-Area Coal Pile Runoff Basin (788-3A), and Stormwater Outfall A-013 (NBN) (Interim Action) SRS Index Number(s): 236 47 483 SEMS Number(s): 62		NOV 2021	MAR 2023
Building 716-A, Automotive Repair Facility and Building 725-A, Paint Shop SRS Index Number(s): 1035 1060 SEMS Number(s): 62	SEP 2024	SEP 2027	DEC 2028

Watershed / Category (Integrator Operable Unit, Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit, RCRA/CERCLA Units or FFA Facility Closures, or Site Evaluation Areas) / Area Operable Unit or Integrator Operable Unit Name / Unit Name	Site Evaluation Report Submittal Date or Field Start	ROD Issuance	RA Start or Tank Dates
General Separations Area Eastern Groundwater Operable Unit (NBN) SRS Index Number(s): 549 SEMS Number(s): 46	SEP 2001	FEB 2046	MAY 2047
General Separations Area Western Groundwater Operable Unit (NBN) SRS Index Number(s): 575 SEMS Number(s): 85	SEP 2004	JAN 2043	APR 2044
Site Evaluation Areas			
Advanced Tactical Training Area (ATTA) Firing Ranges (NBN) SRS Index Number(s): 208 SEMS Number(s): NA	JAN 2025		
F-Area Ash Landfill (288-0F) SRS Index Number(s): 276 SEMS Number(s): NA	DEC 2024		
Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit			
A Area Operable Unit [7] SRS Index Number: 576 SEMS Number: 62	SEP 2035	MAY 2056	AUG 2057
A-001 Outfall (NBN) SRS Index Number(s): 481 SEMS Number(s): 62	SEP 2035	OCT 2038	JAN 2040
A-Area Operable Unit Final Action SRS Index Number(s): 481 SEMS Number(s): 62		MAY 2056	AUG 2057
A-Area Process Sewer Lines as Abandoned (NBN) SRS Index Number(s): 562 SEMS Number(s): 62	SEP 2035	OCT 2038	JAN 2040

Watershed / Category (Integrator Operable Unit, Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit, RCRA/CERCLA Units or FFA Facility Closures, or Site Evaluation Areas) / Area Operable Unit or Integrator Operable Unit Name / Unit Name	Site Evaluation Report Submittal Date or Field Start	ROD Issuance	RA Start or Tank Dates
SRL 904-A Process Trench (includes Stormwater Outfall A-002), Spill on 12/01/1971 of 1000 Gallons of Rad Water from SRL, and SRL Mixed Waste Storage Tanks (904-A, NBN, and 776-A) SRS Index Number(s): 131 387 SEMS Number(s): 62	SEP 2035	OCT 2038	JAN 2040
Stormwater Outfall A-024 (NBN) SRS Index Number(s): 458 SEMS Number(s): 62	SEP 2035	OCT 2038	JAN 2040

Watershed / Category (Integrator Operable Unit, Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit, RCRA/CERCLA Units or FFA Facility Closures, or Site Evaluation Areas) / Area Operable Unit or Integrator Operable Unit Name / Unit Name	Site Evaluation Report Submittal Date or Field Start	ROD Issuance	RA Start or Tank Dates

Savannah River Site (SRS) Index Number is a unique identifier. This number is used by SRS for tracking and is not meant to imply a ranking or priority.

SEMS OU Number: The U. S. Environmental Protection Agency's (EPA's) Superfund Enterprise Management System database.

Watershed Designation: An Area Completion may extend into two Watersheds. The center location of the Area Completion grouping was used to determine in which Watershed the Area Completion is listed. The Watershed designation in Appendix E is not meant to represent the true geographical representation. Reference the Federal Facility Agreement (FFA) Appendix C, RCRA/CERCLA Units to determine the actual watershed in which a unit is located.

CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act
D&D: Deactivation and Decommissioning
ECODS: Early Construction and Operational Disposal Site
NBN: No Building Number
RA: Remedial Action
RCRA: Resource Conservation and Recovery Act
ROD: Record of Decision

[1] These facilities were not addressed per Facility Decommissioning Evaluation (FDE) protocols; however, these facilities will receive final disposition as remedial actions conducted as part of the ongoing area completion effort.
[2] The D-Area Ash Basin (488-1D), D-Area Ash Basin (488-2D), D-Area Ash Landfill (488-4D), and D-Area Coal Pile Runoff Basin (489-D) Record of Decision Issuance and Remedial Action Start dates are specific to those units only. These units will be covered under a Second Early Action ROD for the D-Area Operable Unit (DAOU).
[3] The final remedial decision for Building 420-D, Concentrator Building, Building 421-D, Finishing Building, Building 772-D, Control Laboratory and Supervisor's Office, Building 421-2D, Moderator Handling and Storage, Building 420-2D, Rework Handling Facility, and D-Area Asbestos Pit (080-20G) was discussed in the DAOU Early Action ROD (SRNS-RP-2010-00162, Revision 1.2, July 2011). Therefore, bold text is used to indicate that these units have a final remedial decision.
[4] This entry is for the environmental media associated with the 484-10D Facility.
[5] This entry includes all Burial Ground Complex facilities that have not previously undergone remedial action/corrective action.
[6] All of the C-Area Operable Unit (CAOU) subunits, except the C-Area Reactor Discharge Canal (NBN), will be remediated per the Early Action decision documents. The C-Area Reactor Discharge Canal (NBN) will be remediated as part of the CAOU Final Action decision documents. Please note that the C-Area Process Sewer Lines as Abandoned are defined as those pipelines and tanks/structures that are no longer in service. The remaining sewer systems, process lines, and structures that continue to service the C-Area Reactor Building (105-C) Complex will be closed as part of the final action for the CAOU.
[7] The current milestone dates for the F-Area Operable Unit, N-Area Operable Unit, K-Area Operable Unit, L-Area Operable Unit, and A-Area Operable Unit will be Early Action decision dates. Final action decisions for these area operable units will be associated with the completion of D&D activities in these areas. The scope of the early and final actions be agreed upon by the U. S. Department of Energy (DOE), EPA, and South Carolina Department of Health and Environmental Control (SCDHEC).
[8] The DAOU Final Action dates are based on the completion of D&D activities in D-Area. Any DAOU subunits not remediated under previous D-Area removal and/or early remedial actions will be part of the DAOU Final Action.
[9] The final remedial decision for Building 106-C, Process Water Storage Tank, Building 107-C, Cooling Water Effluent Sump, Building 109-C, Storage Basin, Building 710-C, Pre-Manufactured Metal Shelter, Building 717-C, Contaminated Maintenance Facility, Building 904-89G, Retention Basin for 100-C Containment, C-Area Process Sewer Lines as Abandoned (NBN), C-Area Reactor Area Cask Car Railroad Tracks as Abandoned (NBN), Containment Tank C803-7-1 (NBN), ECODS C-1 (Near C-Area Reactor Discharge Canal) (NBN), Potential Release from C-Area Disassembly Basin (NBN), and Potential Release from C-Area Reactor Cooling Water System (186/190-C) was discussed in the CAOU Early Action ROD (SRNS-RP-2014-00836, Revision 1, May 2015) . Therefore, bold text is used to indicate that these units have a final remedial decision.
[10] A separate schedule for the D-Area Effluent Discharge Canal and Ash Area Adjacent to and Easterly of D-Area Ash Basins 488-1D and 488-2D may be developed by the Core Team pending the results of the D-Area Groundwater Operable Unit remedial investigation process.
[11] Removal actions will be performed at the D-Area Groundwater Operable Unit in accordance with the Suspension Agreement FFA High-Level Waste (HLW) Tank Milestones, dated November 2017 and subsequent updates.
[12] The *Periodic Report on the Bioassessment of Savannah River Site Streams* will be submitted every 7 years and will address all integrator operable units (IOUs) until the Phase III Field Start for the individual IOU. As applicable, the report will reflect the SRS Index Numbers and SEMS Numbers for the IOU discussed in the report. The Lower Three Runs will not be included in the reports since the Phase III Field Start has been achieved.

APPENDIX F: PRIORITIZATION OF ENVIRONMENTAL RESTORATION TASKS

The Parties agree to use, as appropriate, the computer program "PREscore", to rank the work activities required by the Agreement in accordance with the provisions of Subsection B of Section XIX (Scoping Work Priorities) to the Agreement.

The EPA's Hazard Ranking System (HRS), Appendix A to the National Contingency Plan (40 CFR Part 300), is the principle mechanism for ranking potential adverse effects on the environment and relative potential human health risks attributable to CERCLA sites. The "PREscore" program is a computerized system of HRS ranking criteria and factors which, when applied to the known or suspected hazardous characteristics of a CERCLA site, will present a comprehensive Preliminary Ranking Evaluation Score (PREscore) for that site.

The PREscore for a given CERCLA site depends on the following types of information and characteristics:

Site History	Types of hazardous substances present, volumes of hazardous substances, methods of hazardous substances treatment and/or disposal.
Site Conditions	Surface soils types, surface water drainage patterns, groundwater relationships, and ecological systems present.
Site Field Data	Preliminary hazardous chemical specific characterization through limited sampling and analysis to determine the potential for: surface soil, surface water and groundwater contamination; adverse environmental impacts; and adverse future impacts.

The "PREscore" software determines the ranking of a given CERCLA site according to the following criteria:

- likelihood of release;
- hazardous waste characteristics;
- adverse effects to humans due to potential soil, surface water and groundwater exposure;
- potential environmental threats to sensitive ecosystems;

- natural resource damage potential.

The "PREscore Software Users Manual & Tutorial, Version 1, Publication 9345.1-04, September 1991" or the most current version will be utilized. The PREscore software and manual is available from:

United States Environmental Protection Agency
Office of Solid Waste and Emergency Response
Office of Emergency and Remedial Response
Hazardous Site Evaluation Division
Washington, DC 20460

In addition, a copy of the PREscore Software Users Manual & Tutorial will be available through the Administrative Record File for the Savannah River Site.

APPENDIX G: SITE EVALUATION LIST

Revision 0 Appendix G Site Evaluation Areas for Fiscal Year 2019

G.1: Areas To Be Investigated

Watershed / Area / Name/Description of Site Evaluation Area	SRS Index Number
Fourmile Branch	
H Area	
H-Area Ash Basin, 288-H	292
Steel Creek	
General Area	
Dunbarton Railroad Yard, NBN	546
Upper Three Runs	
F Area	
F-Area Ash Landfill, 288-F	276
General Area	
Advanced Tactical Training Area (ATTA) Firing Ranges, NBN	208

SRS Index Number is a unique identifier assigned to each individual Site Evaluation Area.
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Revision 0 Appendix G Site Evaluation Areas for Fiscal Year 2019

G.2: Areas Determined to Require No Further Response Action

Name/Description of Site Evaluation Area[1]	SRS Index Number
Fourmile Branch	
Abandoned Drums at Steamline Road	154
Arsenic Treated Wood Storage Area, NBN	239
C-Area Ash Pile, 188-1C	158
C-Area Ash Pile, 188-2C	159
C-Area Asbestos Pit, 080-21G	156
C-Area Asbestos Pit, 080-22G	157
C-Area Ash Pile off Powerline Road, NBN	489
C-Area Ash Pile, 188-C	210
C-Area Erosion Control Site, 131-1C	241
Central Shops Area of Concern, NBN	243
Combined Spills from 701-1F Spill, NBN	270
Combined Spills[2] from 105-C, 106-C, and 109-C, NBN	516
Combined Spills[2] from 183-2C, NBN	257
ECODS F-1 (Southeast of F-Area Ash Landfill, 288-F)	523
ECODS F-3 (East of ECOD F-1)	524
F-Area Ash Basin, 288-1F	277
F-Area Sanitary Sludge Land Application Site, NBN	281

SRS Index Number is a unique identifier assigned to each individual Site Evaluation Area.
This number is used by SRS for tracking and is not meant to imply a ranking or priority.

[1]The Site Evaluation Areas, except spills, groundwater, surface water, and radioactive only units, are SWMUs. However, these SWMUs are not listed in Appendix H.2.

[2]These Site Evaluation Areas are not SWMUs because they are either spills, or groundwater units, or surface water units, or radioactive only units.

Revision 0 Appendix G Site Evaluation Areas for Fiscal Year 2019

G.2: Areas Determined to Require No Further Response Action

Name/Description of Site Evaluation Area[1]	SRS Index Number
H-Area Burning Pit, NBN	166
H-Area Erosion Control Site, 080-25G	214
H-Area Sanitary Sludge Land Application Site, NBN	296
Old Still Site, NBN	175
Sandblast Area CMC-001, NBN	492
Sandblast Area CMC-002, NBN	493
Sandblast Area CMC-003, NBN	494
Sandblast Area CMH-003, NBN	345
Sandblast Area CMH-004, NBN	348
Sandblast Area CMN-002, NBN	355
Spill on 01/01/59 of Unknown of Seepage Basin Pipe Leak Between 904-42G, 904-43G[2]	223
Spill on 01/01/78 of 50 Gal of 50% Sodium Hydroxide[2], NBN	363
Spill on 01/01/80 of 5600 LB of 50% Nitric Acid[2], NBN	365
Spill on 01/12/80 of <5 Gal of Waste Water - Rad[2], NBN	373
Spill on 02/12/84 of 200 Gal of Tritiated Water in C-Area[2], NBN	392
Spill on 03/27/80 of 3 Gal of Nitric Acid[2], NBN	402
Spill on 05/08/75 of 50 Gal of Waste Water - Rad[2], NBN	201

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[2]These Site Evaluation Areas are not SWMUs because they are either spills, or groundwater units, or surface water units, or radioactive only units.

Name/Description of Site Evaluation Area[1]	SRS Index Number
Spill on 05/23/75 of 3 Gal of Waste Water - Rad[2], NBN	427
Spill on 05/24/84 of 550 Gal of Simulated Salt Solution, Pizzolith 122R in 643-7G[2]	129
Spill on 07/05/88 of 2 Pint of 64% Nitric Acid in F-Area[2], NBN	445
Spill on 09/08/83 of ~10 Gal of Fine-Organic #101 from 8307Z[2], NBN	228
Spill on 10/08/83 of 800 Gal of Low Level Water Near 105-C[2], NBN	194
Spill on 11/24/89 of 10 MCi of Cs - 137 from 254-8H[2], NBN	386
Lower Three Runs	
Combined Spills from 183-2P[2], NBN	259
Miscellaneous Trash at Snapp, NBN	173
P-Area Acid/Caustic Basin[2] (Groundwater)	287
Patterson Mill Road Rubble Pile, NBN	321
Pond B Dam Rubble Pile, NBN	177
Potential Release from R-Area Concrete Lake, 183-1R/186-R	230
R-Area Asbestos Pit, 080-1R	178
Second Par Pond Site, 761-8G	152
Spill on 05/24/82 of 10 Gal of 31.5% Acid from 183-P[2], NBN	428
Stadia Lights with Poles, NBN	455

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[2]These Site Evaluation Areas are not SWMUs because they are either spills, or groundwater units, or surface water units, or radioactive only units.

Revision 0 Appendix G Site Evaluation Areas for Fiscal Year 2019

G.2: Areas Determined to Require No Further Response Action

Name/Description of Site Evaluation Area[1]	SRS Index Number
Pen Branch	
40 - Acre Hardwood Site, 761-G	153
Central Shops Open Disposal Trench	499
Combined Spills from 183-2K[2], NBN	258
ECODS K-1 (Southeast of Former Laydown Yard at K Area)	532
ECODS K-2 (Northwest of K Area Facilities)	533
ECODS K-3 (Southeast of K Area in Former Laydown Yard)	534
Gunsite 51 Rubble Pile, 080-29G	291
K-Area Area of Concern, NBN	299
K-Area Sandblast Area CMK-001	191
L-Area Erosion Control Site, 080-26G	304
L-Area Rubble Pile, 631-26G	97
Miscellaneous Rubble Pile, 631-7G	309
Sandblast Area CMK-002, NBN	341
Sandblast Area CMK-003, NBN	342
Spill on 01/01/57 of <1 CI of Beta - Gamma[2] (near K-Reactor), NBN	222
Spill on 01/29/86 of <5 GAL of Water - Rad from 106-1C[2], NBN	378
Spill on 04/23/82 of 4800 Gal of Acid Solution[2], NBN	413

SRS Index Number is a unique identifier assigned to each individual Site Evaluation Area.
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[2]These Site Evaluation Areas are not SWMUs because they are either spills, or groundwater units, or surface water units, or radioactive only units.

Name/Description of Site Evaluation Area[1]	SRS Index Number
Spill on 10/09/85 of 15 Gal of Aropol from 690-G[2], NBN	382
Savannah River Floodplain Swamp	
3G Pumphouse Erosion Control Site, 631-8G	235
412-D, 401-D, and 402-D Heavy Water Facility and Gas Plant (Asbestos Removal)	232
B-Area Tower Foundation Rubble Pile, NBN	155
Combined Spills from 672-T[2], NBN	267
Combined Spills from 674-T[2] (Boneyard), NBN	268
Combined Spills from 679-T[2], NBN	269
Contaminated Soil[2], 321-M	486
D-F Steamline Erosion Control Site, NBN	160
ECODS D-1 (also known as D-Area Cinder Disposal Unit), NBN	543
M-Area Sandblast Area CMM-004	189
M-Area Sandblast Area CMM-005	190
M-Area Sandblast Area CMM-006	187
M-Area Sandblast Area CMM-007	188
Old Ellenton Rubble Pile, NBN	174
Parking Lot Type Lights on Wilson Road, NBN	320
Potential Release of Caustic/HNO_3 from 312-M[2], NBN	215

SRS Index Number is a unique identifier assigned to each individual Site Evaluation Area.
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[1]The Site Evaluation Areas, except spills, groundwater, surface water, and radioactive only units, are SWMUs. However, these SWMUs are not listed in Appendix H.2.
[2]These Site Evaluation Areas are not SWMUs because they are either spills, or groundwater units, or surface water units, or radioactive only units.

Revision 0 Appendix G Site Evaluation Areas for Fiscal Year 2019

G.2: Areas Determined to Require No Further Response Action

Name/Description of Site Evaluation Area[1]	SRS Index Number
Potential Release of Diesel Fuel and Benzene from 730-M[2], NBN	322
Road 3 Foundation Rubble Pile, NBN	333
Robbins Station Road Rubble Pile, NBN	336
Sandblast Area CMD-001, NBN	220
Sandblast Area CMD-002, NBN	349
Sandblast Area CMD-003, NBN	219
Sandblast Area CMD-004, NBN	468
Sandblast Area CMM-002, NBN	347
Sandblast Area CMM-008, NBN	352
Sandblast Area CMT-001, NBN	350
Sandblast Area CMT-002, NBN	351
Silverton Road Waste Tank Plugs, NBN	193
Spill on 01/01/85 of 3 Gal of Aluminum Nitrate[2], NBN	369
Spill on 01/01/86 of 2 Gal of 50% Sodium Hydroxide[2], NBN	370
Spill on 01/01/87 of 5 Gal of 50% Sodium Hydroxide[2], NBN	371
Spill on 01/07/87 of 20 Gal of Caustic[2], NBN	379
Spill on 01/19/86 of Unknown of Plating Solution[2], NBN	377
Spill on 02/06/85 of 50 Gal of Caustic[2], NBN	397

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Revision 0 Appendix G Site Evaluation Areas for Fiscal Year 2019

G.2: Areas Determined to Require No Further Response Action

Name/Description of Site Evaluation Area[1]	SRS Index Number
Spill on 03/07/86 of 10 Gal of Acid[2], NBN	404
Spill on 03/08/86 of 1/2 Pint of Water - Rad[2], NBN	406
Spill on 03/08/86 of 10 Gal of Nitric Acid[2], NBN	407
Spill on 03/08/86 of 6 Gal of Caustic[2], NBN	408
Spill on 03/08/88 of <1 QT of 64% Nitric Acid at Brcd. 1[2], NBN	226
Spill on 03/11/87 of 1 Gal of Caustic[2], NBN	400
Spill on 03/17/88 of <1 Gal of Sulfuric Acid[2], NBN	401
Spill on 03/30/87 of 15 Gal of Acidic Water[2], NBN	196
Spill on 03/30/88 of 15 Gal of Acidic Water[2], NBN	197
Spill on 04/25/87 of 15 Gal of Water - Rad[2], NBN	415
Spill on 05/01/87 of 100 Gal of Water from 300-M[2], NBN	420
Spill on 05/12/81 of 400 Lb of Hydrogen Sulfide[2], NBN	421
Spill on 05/27/86 of 2 Gal of Nitric Acid[2], NBN	430
Spill on 06/03/86 of 5 Gal of Neutralization System Water[2], NBN	441
Spill on 06/16/87 of ~1 Gal of Water - Rad[2], NBN	436
Spill on 06/28/84 of 100 Gal of Chilled Water[2], NBN	440
Spill on 07/11/84 of 4 Gal of Process Solution[2], NBN	443
Spill on 07/21/79 of Unknown amount of Acid in D-Area[2], NBN	444

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Name/Description of Site Evaluation Area[1]	SRS Index Number
Spill on 08/18/86 of 20 Gal of Water - Rad[2], NBN	446
Spill on 08/29/85 of 500 GM of Uranyl Nitrate[2], NBN	447
Spill on 08/31/87 of <100 Gal of Bromocide Soln from 607-14D[2], NBN	448
Spill on 09/04/85 of 1 1/2 Gal of Nitric Acid[2], NBN	454
Spill on 09/10/86 of 1 Gal of Water - Rad[2], NBN	450
Spill on 09/20/87 of Unknown Amount of Water - Rad[2], NBN	451
Spill on 10/13/75 of 1200 Gal of PCE[2], NBN	128
Spill on 10/7/85 of 1 Gal of Nitric Acid at Barricade 10[2], NBN	224
Spill on 11/22/85 of Unknown of Chromated Water From Between 702-A and 708-A[2], NBN	385
Spill on 12/02/81 of 800 Lb of Hydrogen Sulfide[2], NBN	389
Spill on 12/17/85 of 2 Gal of Phosphoric Acid[2], NBN	388
TNX Rubble Pile, NBN	206
Un-Numbered Gun Emplacement Rubble Pile, NBN	464
Unidentified Trash Pile, NBN	229
Steel Creek	
Combined Spills[2] from 105-P, 106-P, and 109-P, NBN	515
ECODS L-2 (East of L Area)	536
ECODS P-1 (South of P Area)	538

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Revision 0 Appendix G Site Evaluation Areas for Fiscal Year 2019

G.2: Areas Determined to Require No Further Response Action

Name/Description of Site Evaluation Area[1]	SRS Index Number
Gun Emplacement 407A & 407B Rubble Pile, NBN	518
L-Area Scrap Metal and Wood, NBN	170
Meyers Mill Siding Rubble Pile, NBN	171
Miscellaneous Rubble at Dunbarton, NBN	172
P-Area Coal Pile, NBN	547
P-Area Erosion Control Site, 131-1P	315
Pile of Telephone/Light Poles, NBN	176
Road 9 at Gate 23 Rubble Pile, NBN	334
Road 9 Rubble Pile, NBN	335
Sandblast Area CML-001, NBN	495
Sandblast Area CML-002, NBN	496
Sandblast Area CMP-001, NBN	358
Sandblast Area CMP-002, NBN	498
Sandblast Area CMP-003, NBN	221
Sandblast Area CMP-004, NBN	356
Scrap Metal Pile, 631-18G	192
Spill on 01/01/57 of <1 CI of Beta - Gamma[2] (near L-Reactor), NBN	362
Spill on 05/09/85 of 375 Gal of Process Water from 106-P[2], NBN	434

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Name/Description of Site Evaluation Area[1]	SRS Index Number
Spill on 06/26/86 of 1 Gal of Tritiated Waste Oil from 110-P[2], NBN	439
Spill on 09/21/84 of 200 Gal of Water -Rad[2], NBN	452
Spill on 09/28/87 of <30 Gal of Bromocide Soln from 607-22P[2], NBN	453
Upper Three Runs	
B-Area Disposal Trench, NBN	590
B-Area Sanitary Treatment Plant Rubble Pile, NBN	209
DWPF Concrete Batch Plant, NBN	161
ECODS A-2 (Near Sandblast Area CMM-001), NBN	521
ECODS B-1A, -1B (South of B Area)	526
ECODS B-2 (South of B Area)	527
ECODS B-4 (East of B Area, South of Road C)	529
ECODS G-1 (Adjacent to Gunsite 072 Rubble Pile, 080-31G)	541
ECODS G-2 (Adjacent to Forestry Facilities)	542
ECODS G-5, NBN	568
F-Area Erosion Control Site, 080-28G	278
F-Area RailRoad Crosstie Pile, NBN	279
F-Area Scrap Lumber Pile, 231-3F	212
Fire Training Pit at 709-1F, NBN	162

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Revision 0 Appendix G Site Evaluation Areas for Fiscal Year 2019

G.2: Areas Determined to Require No Further Response Action

Name/Description of Site Evaluation Area[1]	SRS Index Number
Gunsite 072 Rubble Pile, 080-31G	213
Gunsite 102 Rubble Pile, 080-30G	164
Gunsite 113 Rubble Pile, 631-15G	165
Imhoff Tank Rubble Pile, NBN	167
Incident at Three Rivers Sanitary Landfill, NBN	205
Kato Road Site, 761-6G	168
Lower Kato Road Site, 761-1G	149
Lucy Site, 761-3G	150
Orangeburg Site, 761-2G	151
Potential Release of NaOH/H_2 SO_4 from 280-1F[2], NBN	325
Potential Release of NaOH/H_2SO_4 from 183-2L[2], NBN	323
R-Area Rubble Pit, 131-2R	179
Recreation Area #2 Rubble Pile, NBN	180
Risher Road Open Metal Pit, 631-17G	216
Risher Road Rubble Pile #2, NBN	218
Risher Road Rubble Pile, NBN	217
Road F Site, 761-7G	181
Rubble Pile - Bragg Bay Road and Cemetery Road, 631-12G	183

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Revision 0 Appendix G Site Evaluation Areas for Fiscal Year 2019

G.2: Areas Determined to Require No Further Response Action

Name/Description of Site Evaluation Area[1]	SRS Index Number
Rubble Pile - Bragg Bay Road, 631-14G	182
Rubble Pile - Cemetery Road, 631-11G	184
Rubble Pile - North of SRL, NBN	338
Rubble Pile - Road 781.1, 631-13G	185
Rubble Pile near Junction US 278 & GE Road 103, NBN	186
S-Area Erosion Control Site, NBN	339
Sandblast Area CMB-001, NBN	491
Sandblast Area CMM-001, NBN	497
Sandblast Area CMM-003, NBN	480
Sandblast Area CMS-001, NBN	357
Small Arms Training Area (SATA), NBN	359
Spill of <1/2 Lb Mercury in Bldg. 232-H[2], NBN	360
Spill of 218 Grams of Mercury Adjacent to Bldg. 780-2A[2], NBN	361
Spill on 01/01/78 of 600 Lb of 50% Sodium Hydroxide[2], NBN	364
Spill on 01/01/85 of 15 Gal of 6% Potassium Permanganate[2], NBN	368
Spill on 01/01/87 of Unknown of Potassium Permanganate[2], NBN	372
Spill on 02/20/85 of 1 1/2 QT of Acid Mixture from S-Area Trailer S-16[2], NBN	393

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Revision 0 Appendix G Site Evaluation Areas for Fiscal Year 2019

G.2: Areas Determined to Require No Further Response Action

Name/Description of Site Evaluation Area[1]	SRS Index Number
Spill on 02/25/87 of 2 Liter of Sulfuric Acid Between 704-8F and 703-F Parking Lots[2]	395
Spill on 03/04/86 of 5 Gal of 50% NaOH from 341-M[2], NBN	198
Spill on 03/20/86 of <1 Gal of Water - Rad[2], NBN	195
Spill on 04/01/85 of 25 ML of Sulfuric Acid[2], NBN	409
Spill on 04/01/87 of <5 Gal of Cr III Ligno - Sulfonate[2], NBN	410
Spill on 04/07/76 of 200 Gal of 50% Nitric Acid[2], NBN	416
Spill on 04/15/87 of 950 Gal of Chromated Water from F-Area laboratory[2], NBN	199
Spill on 05/01/85 of 1 Gal of Alcohol from 779-A[2], NBN	419
Spill on 05/04/87 of 30 Gal of Caustic from 295-H[2], NBN	433
Spill on 05/14/85 of 1/2 Pint of Mercury Near 284-F[2], NBN	227
Spill on 05/19/87 of 1 Gal of 50% Sodium Hydroxide[2], NBN	422
Spill on 05/21/84 of 20 Gal of Sodium Hydroxide[2], NBN	424
Spill on 05/21/85 of 20 Gal of Acid from S-Area[2], NBN	425
Spill on 05/22/86 of 2 Gal of 50% Sodium Hydroxide[2], NBN	426
Spill on 09/01/85 of <1 LB of Mercury from 748-A[2], NBN	449
Spill on 11/21/87 of 170 Gal of KOH, SMBS, $NaPO_4$ from 784-A[2], NBN	384
SREL Rubble Pile, 761-9G	202

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Revision 0 Appendix G Site Evaluation Areas for Fiscal Year 2019

G.2: Areas Determined to Require No Further Response Action

Name/Description of Site Evaluation Area[1]	SRS Index Number
SRFS Rubble Pile, 631-9G	203
Substation 51 Erosion Control Site, 080-27G	463
TCU Rubble Pile, NBN	204
Zion Fair Church Site, NBN	207

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APPENDIX H: SOLID WASTE MANAGEMENT UNITS

Revision 0 Appendix H for Fiscal Year 2019

H.1: RCRA Regulated Solid Waste Management Units

SRS Index Number	Bldg. Number	Solid Waste Management Unit
	650-23E through -30E	BURIAL GROUND SOLVENT TANKS (S23-S30) [ALSO KNOWN AS SOLVENT STORAGE TANKS (S23-S30)]
1666	261-H	CONSOLIDATED INCINERATOR FACILITY (CIF) [NOTE: CIF IS ALSO LISTED ON APPENDIX C.5.]
1944	430-S	DWPF ORGANIC WASTE STORAGE TANK
1273	724-8E	EXPERIMENTAL TRU WASTE ASSAY/WASTE CERTIFICATION FACILITY (ETWAF/WCF)
2	904-74G	F-AREA ACID/CAUSTIC BASIN
3, 4, 5	904-41G, -42G, -43G	F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (F-AREA SEEPAGE BASINS)
6	904-75G	H-AREA ACID/CAUSTIC BASIN
7, 8, 9, 10	904-44G, -45G, -46G, -56G	H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (H-AREA SEEPAGE BASINS)

SRS Index Number is a unique identifier assigned to each individual unit
This number is used by SRS for tracking and is not meant to imply a ranking or priority.
[1] Building 710-B consisted of three bays: Building 710-1B, Hazardous Chemical Storage; Building 710-2B, Hazardous Chemical Storage: and Building 710-3B, Storage. The SRS Index Numbers refer to these bays.

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H.1: RCRA Regulated Solid Waste Management Units

SRS Index Number	Bldg. Number	Solid Waste Management Unit
1823	645-2N	HAZARDOUS WASTE STORAGE BUILDING (INTERIM STORAGE FACILITY)
1824	645-4N	HAZARDOUS WASTE STORAGE BUILDING (SOLID AND HAZARDOUS WASTE STORAGE BUILDING)
1825	645-N (formerly 709-G)	HAZARDOUS WASTE STORAGE BUILDING (STORAGE FACILITY FOR NON-RADIOACTIVE HAZARDOUS WASTE)
1156, 1157, 1158	710-B	HAZARDOUS WASTE STORAGE BUILDING [1]
11	904-80G	K-AREA ACID/CAUSTIC BASIN
1701, 1702, 1703, 1704	607-33H, -34H, -35H, -36H	LIQUID WASTE SOLVENT TANKS (S33 - S36) [ALSO KNOWN AS NEW SOLVENT TANKS (S33-S36)]
13, 12	904-51G, -112G	M-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (M-AREA SETTLING BASIN/LOST LAKE)
1798	316-M	M-AREA MIXED WASTE STORAGE SHED (DRUM STORAGE FACILITY)

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[1] Building 710-B consisted of three bays: Building 710-1B, Hazardous Chemical Storage; Building 710-2B, Hazardous Chemical Storage: and Building 710-3B, Storage. The SRS Index Numbers refer to these bays.

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H.1: RCRA Regulated Solid Waste Management Units

SRS Index Number	Bldg. Number	Solid Waste Management Unit
1795	315-4M	M-AREA WASTE STORAGE PAD (HAZARDOUS/MIXED WASTE STORAGE PAD)
15, 56	904-110G	METALLURGICAL LABORATORY HAZARDOUS WASTE MANAGEMENT FACILITY (723-A MET LAB BASIN/CAROLINA BAY)
16	643-28E, -7E	MIXED WASTE MANAGEMENT FACILITY (INCLUDING THE RCRA REGULATED PORTIONS OF THE LLRWDF, 643-7E)
	650-32E	MIXED WASTE OIL (TRITIATED) STORAGE TANK (S-32) [ALSO KNOWN AS MIXED WASTE STORAGE TANK (S32)]
1253	643-29E	MIXED WASTE STORAGE BUILDING
1254	643-43E	MIXED WASTE STORAGE BUILDING EXPANSION
17	904-78G	P-AREA ACID/CAUSTIC BASIN
21, 22	740-G	SANITARY LANDFILL (RCRA REGULATED PORTIONS) (ALSO KNOWN AS NON-RADIOACTIVE WASTE DISPOSAL FACILITY)

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[1] Building 710-B consisted of three bays: Building 710-1B, Hazardous Chemical Storage; Building 710-2B, Hazardous Chemical Storage: and Building 710-3B, Storage. The SRS Index Numbers refer to these bays.

Revision 0 Appendix H for Fiscal Year 2019

H.1: RCRA Regulated Solid Waste Management Units

SRS Index Number	Bldg. Number	Solid Waste Management Unit
	NBN	SOLID WASTE STORAGE PADS 1-3 (SWSP)
1	NBN	TANK 105-C HAZARDOUS WASTE MANAGEMENT FACILITY
1263, 1264, 1265, 1266, 1257, 1258, 1259, 1260, 1261, 1262	660-1E through 660 -19E, & -26E	TRU WASTE STORAGE PADS 1 - 19 & 26 [NOTE: PADS 3 - 6 AND 14 - 19 ARE ALSO LISTED ON APPENDIX K.1.]

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H.2: RCRA 3004(u) Solid Waste Management Units

SRS Index Number	Bldg. Number	Solid Waste Management Unit	FFA Appendix
234	NBN	313-M AND 320-M INACTIVE CLAY PROCESS SEWERS TO TIMS BRANCH	C.3
44	904-101G	716-A MOTOR SHOP SEEPAGE BASIN	C.3
237	788-2A	A-AREA ASH PILE	C.3
236	788-0A	A-AREA ASH PILE	C.1
46, 45, 49	731-A, -1A, -2A	A-AREA BURNING/RUBBLE PITS AND A-AREA RUBBLE PIT	C.3

SRS Index Number is a unique identifier assigned to each individual unit
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ECODS - Early Construction and Operational Disposal Site
Please note that additional SWMUs listed in FFA Appendix G.2: Areas Determined to Require No Further Response, are not listed in Appendix H.2.
[1] These are operating facilities; they are not listed in another FFA appendix.
[2] These facilities were closed under their appropriate permit (e.g., wastewater, underground storage tank, municipal solid waste landfill regulations, no discharge permit, etc.); they are not listed in another FFA appendix.
[3] These facilities no longer exist; they are not listed in another FFA appendix.
[4] This listing includes all Saltstone Disposal Units (SDUs) that are associated with the Saltstone Disposal Facility.

Revision 0 Appendix H for Fiscal Year 2019

H.2: RCRA 3004(u) Solid Waste Management Units

SRS Index Number	Bldg. Number	Solid Waste Management Unit	FFA Appendix
47	788-3A	A-AREA COAL PILE RUNOFF BASIN	C.1
48	731-6A	A-AREA MISCELLANEOUS RUBBLE PILE	C.3
562	NBN	A-AREA PROCESS SEWER LINES, AS ABANDONED	C.1
1883	725-1N	AEROSOL CAN CRUSHER (A SANDBLAST SHED)	K.1
1870	717-12N	AEROSOL CAN CRUSHER (CONSTRUCTION SORT BUILDING)	C.4

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H.2: RCRA 3004(u) Solid Waste Management Units

SRS Index Number	Bldg. Number	Solid Waste Management Unit	FFA Appendix
1844	710-6N	ANTIFREEZE RECYCLING UNITS IN CENTRAL SHOPS (HEAVY EQUIPMENT OIL STORAGE BUILDING)	K.1
1555	230-H	BETA-GAMMA INCINERATOR (DEMONSTRATION WASTE INCINERATOR)	C.4
2025	403-D	BIOREMEDIATION FACILITY	K.2
30	231-4F	BURMA ROAD RUBBLE PIT	C.3
	632-G	C & D LANDFILL [1]	TBD

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H.2: RCRA 3004(u) Solid Waste Management Units

SRS Index Number	Bldg. Number	Solid Waste Management Unit	FFA Appendix
51, 566	131-C, NBN	C-AREA BURNING/RUBBLE PIT AND OLD C-AREA BURNING/RUBBLE PIT	C.3
52	189-C	C-AREA COAL PILE RUNOFF BASIN	C.3
555	NBN	C-AREA PROCESS SEWER LINES, AS ABANDONED	C.3
31	631-6G	CENTRAL SHOPS BURNING/RUBBLE PIT	C.3
58, 59	631-1G, -3G	CENTRAL SHOPS BURNING/RUBBLE PITS	C.3

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H.2: RCRA 3004(u) Solid Waste Management Units

SRS Index Number	Bldg. Number	Solid Waste Management Unit	FFA Appendix
244	631-2G	CENTRAL SHOPS SCRAP LUMBER PILE	C.1
60	080-24G	CENTRAL SHOPS SLUDGE LAGOON	C.3
61 to 67	080-170G, -171G, -180G, -181G, -182G, -183G, -190G	CHEMICAL, METALS AND PESTICIDE PITS	C.3
1662	253-H	COMPACTOR BUILDING (RADIOLOGICAL MONITORING EQUIPMENT SHOP)	K.1
	NBN	CONSTRUCTION SOLVENT RECOVERY UNITS (PORTABLE UNITS) (UNITS BASED AT 725-1N)	K.1

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H.2: RCRA 3004(u) Solid Waste Management Units

SRS Index Number	Bldg. Number	Solid Waste Management Unit	FFA Appendix
570	NBN	D-006 PETROLEUM RELEASE SITE	C.1
211	080-20G	D-AREA ASBESTOS PIT	C.1
238	488-1D	D-AREA ASH BASIN	C.1
272	488-2D	D-AREA ASH BASIN	C.1
569	NBN	D-AREA ASH BASIN WETLANDS	C.1

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H.2: RCRA 3004(u) Solid Waste Management Units

SRS Index Number	Bldg. Number	Solid Waste Management Unit	FFA Appendix
548	488-4D	D-AREA ASH LANDFILL	C.1
1235	484-D	D-AREA BOILERS (POWERHOUSE)	K.1
32, 33	431-D, -1D	D-AREA BURNING/RUBBLE PITS	C.3
69	489-D	D-AREA COAL PILE RUNOFF BASIN	C.1
68, 273	488-D, 431-2D	D-AREA EXPANDED OPERABLE UNIT (CONSISTING OF D-AREA ASH BASIN AND D-AREA RUBBLE PIT)	C.3

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H.2: RCRA 3004(u) Solid Waste Management Units

SRS Index Number	Bldg. Number	Solid Waste Management Unit	FFA Appendix
26	631-G	D-AREA OIL SEEPAGE BASIN	C.3
558	NBN	D-AREA PROCESS SEWER LINES, AS ABANDONED	C.1
70	484-10D	D-AREA WASTE OIL FACILITY (ALSO KNOWN AS OIL SHED BUILDING)	C.1
274	NBN	DITCH TO OUTFALL H-12 (TRIBUTARY TO FOURMILE CREEK)	C.1
546	NBN	DUNBARTON RAILROAD YARD	G.1

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H.2: RCRA 3004(u) Solid Waste Management Units

SRS Index Number	Bldg. Number	Solid Waste Management Unit	FFA Appendix
1933	221-S	DWPF VITRIFICATION FACILITY	K.1
	NBN	EARTHEN BASIN ADJ. BLDG. 108-3P [2]	TBD
528, 530	NBN	ECODS B-3 (EAST OF B AREA, SOUTH OF ROAD C), NBN AND ECODS B-5, NBN	C.3
522	NBN	ECODS C-1 (NEAR C-AREA REACTOR DISCHARGE CANAL)	C.3
531	NBN	ECODS H-1 (WEST OF H-AREA FACILITIES)	C.1

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H.2: RCRA 3004(u) Solid Waste Management Units

SRS Index Number	Bldg. Number	Solid Waste Management Unit	FFA Appendix
535	NBN	ECODS L-1 (EAST OF L-AREA)	C.3
537	NBN	ECODS L-3 (EAST OF L AREA)	C.1
525	NBN	ECODS N-1 (SOUTH OF N AREA)	C.1
545	NBN	ECODS N-2 (ADJACENT TO MISCELLANEOUS RUBBLE PILE, 631-7G)	C.3
539	NBN	ECODS P-2 (SOUTH OF P-AREA)	C.3

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H.2: RCRA 3004(u) Solid Waste Management Units

SRS Index Number	Bldg. Number	Solid Waste Management Unit	FFA Appendix
540	NBN	ECODS R-1A, -1B, -1C (EAST OF R REACTOR)	C.3
1603	241-75H	EFFLUENT TREATMENT FACILITY (ETF) (WASTEWATER COLLECTION TANK CONTAINMENT)	K.1
276	288-0F	F-AREA ASH LANDFILL	G.1
35, 34, 36	231-F, -1F, -2F	F-AREA BURNING/RUBBLE PITS	C.3
71	289-F	F-AREA COAL PILE RUNOFF BASIN	C.3

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H.2: RCRA 3004(u) Solid Waste Management Units

SRS Index Number	Bldg. Number	Solid Waste Management Unit	FFA Appendix
141	NBN	F-AREA INACTIVE PROCESS SEWER LINES FROM BUILDING TO THE SECURITY FENCE, 081-1F	C.1
563	NBN	F-AREA PROCESS SEWER LINES, AS ABANDONED	C.1
73	281-3F	F-AREA RETENTION BASIN	C.3
280	281-8F	F-AREA RETENTION BASIN	C.1
74	904-113G	FIRE DEPARTMENT HOSE TRAINING FACILITY	C.3

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SRS Index Number	Bldg. Number	Solid Waste Management Unit	FFA Appendix
75	904-91G	FORD BUILDING SEEPAGE BASIN	C.3
76	643-11G	FORD BUILDING WASTE SITE	C.3
77	761-13G	G-AREA OIL SEEPAGE BASIN	C.1
18, 29, 28, 417, 27, 405, 398	NBN	GENERAL SEPARATIONS AREA CONSOLIDATION UNIT	C.3
37	631-22G	GRACE ROAD SITE	C.3

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163, 337, 544	NBN	GUNSITE 012 RUBBLE PILE, RUBBLE PILE ACROSS FROM GUNSITE 012, AND ECODS G-3 (ADJACENT TO GUNSITE 012) (AKA GUNSITE 012 OPERABLE UNIT)	C.3
38	631-24G	GUNSITE 113 ACCESS ROAD	C.3
39	631-23G	GUNSITE 218 RUBBLE PILE (AKA GUNSITE 218 OPERABLE UNIT)	C.3
40	631-16G	GUNSITE 720 RUBBLE PIT	C.3
292	288-0H	H-AREA ASH BASIN	G.1

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SRS Index Number	Bldg. Number	Solid Waste Management Unit	FFA Appendix
79	289-H	H-AREA COAL PILE RUNOFF BASIN	C.1
142	081-H	H-AREA INACTIVE PROCESS SEWER LINES FROM BUILDING TO MANHOLE P-44, 081-H	C.1
591	NBN	H-AREA PROCESS SEWER LINES, AS ABANDONED	C.1
573	NBN	HEAVY EQUIPMENT MAINTENANCE AREA MISCELLANEOUS UNITS	C.1
502, 57	NBN, 631-5G	HEAVY EQUIPMENT WASH BASIN AND CENTRAL SHOPS BURNING/RUBBLE PIT	C.3

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SRS Index Number	Bldg. Number	Solid Waste Management Unit	FFA Appendix
1312, 1322 to 1342, 1346, 1350, 1620 to 1649, 1655	241-901F to 241 -951H, 242-F, 242 -16F, 242-H, 242 -16H, 242-11H	HIGH-LEVEL RADIOACTIVE WASTE TANK SYSTEMS (W/ EVAPORATORS) 241-901F TO 241-951H, 242-F, 242-16F, 242-H, 242-16H, 242-11H	K.1
1510	740-10G	INTERIM SANITARY LANDFILL (ISL) [2]	TBD
300	188-0K	K-AREA ASH BASIN	C.1
84, 88	131-K, 631-20G	K-AREA BURNING/RUBBLE PIT (131-K) AND K-AREA RUBBLE PILE (631 -20G)	C.3
85	189-K	K-AREA COAL PILE RUNOFF BASIN	C.3

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SRS Index Number	Bldg. Number	Solid Waste Management Unit	FFA Appendix
2241	904-88G	K-AREA CONTAINMENT BASIN AND ASSOCIATED PURGE FIELD	K.1
572	NBN	K-AREA PROCESS SEWER LINES AS ABANDONED	C.1
89	761-4G	K-AREA SLUDGE LAND APPLICATION SITE	C.3
148	188-0L	L-AREA ASH BASIN	C.1
93, 169, 78	131-L, -3L, -2L	L-AREA BURNING/RUBBLE PIT, L-AREA RUBBLE PILE, AND GAS CYLINDER DISPOSAL FACILITY	C.3

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SRS Index Number	Bldg. Number	Solid Waste Management Unit	FFA Appendix
94	717-G	L-AREA HOT SHOP (INCLUDING SANDBLAST AREA CML-003, NBN)	C.3
96, 95	904-83G, -79G	L-AREA OIL AND CHEMICAL BASIN AND ACID/CAUSTIC BASIN	C.3
560	NBN	L-AREA PROCESS SEWER LINES, AS ABANDONED	C.1
98	131-1L	L-AREA RUBBLE PIT	C.1
99	131-4L	L-AREA RUBBLE PIT	C.1

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SRS Index Number	Bldg. Number	Solid Waste Management Unit	FFA Appendix
1853	711-9N	LATHE COOLANT RECYCLE UNIT (MECHANICAL SHOP)	K.1
233	NBN	LAYDOWN AREA NORTH OF 105-R	C.3
2228	711-4N	LEAD MELTER	K.1
1794	313-M	M-AREA LIQUID EFFLUENT TREATMENT FACILITY (CHEM TRANSFER) [CANNING BUILDING (SLUG PRODUCTION FACILITY)]	C.3
1809	341-M	M-AREA LIQUID EFFLUENT TREATMENT FACILITY (DIL EFFLUENT) (DILUTE EFFLUENT TREATMENT FACILITY)	C.3

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100	081-M	M-AREA SETTLING BASIN INACTIVE PROCESS SEWERS TO MANHOLE 1, 081-M	C.3
14	631-21G	M-AREA WEST	C.3
101, 102	731-4A, -5A	MISCELLANEOUS CHEMICAL BASIN/METALS BURNING PIT	C.3
565	NBN	N-AREA PROCESS SEWER LINES, AS ABANDONED	C.1
311	741-G	NEW SALVAGE YARD	C.1

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SRS Index Number	Bldg. Number	Solid Waste Management Unit	FFA Appendix
	NBN	NEW SANITARY SLUDGE LAND APPLICATION SITE, ROAD 3 [1]	TBD
	NBN	NEW SANITARY SLUDGE LAND APPLICATION SITE, ROAD 6 [2]	TBD
	NBN	NPR TRASH PILE [3]	TBD
105	904-49G	OLD F-AREA SEEPAGE BASIN	C.3
313	188-0P	P-AREA ASH BASIN	C.3

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SRS Index Number	Bldg. Number	Solid Waste Management Unit	FFA Appendix
108	131-P	P-AREA BURNING/RUBBLE PIT	C.3
109	189-P	P-AREA COAL PILE RUNOFF BASIN	C.3
557	NBN	P-AREA PROCESS SEWER LINES, AS ABANDONED	C.3
111	761-5G	PAR POND SLUDGE LAND APPLICATION SITE	C.3
1896	741-1N	PCB STORAGE BUILDING	K.1

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SRS Index Number	Bldg. Number	Solid Waste Management Unit	FFA Appendix
326	NBN	POTENTIAL RELEASE OF HEAVY METALS FROM 321-M ABANDONED SEWER LINE	C.3
	284-F	POWER HOUSE [3]	TBD
112	904-77G	R-AREA ACID/CAUSTIC BASIN	C.3
329	188-0R	R-AREA ASH BASIN	C.3
117, 116, 118	131-R, -1R, 631 -25G	R-AREA BURNING/RUBBLE PITS AND R-AREA RUBBLE PILE	C.3

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556, 271	NBN, 107-R	R-AREA PROCESS SEWER LINES, AS ABANDONED, NBN AND COOLING WATER EFFLUENT SUMP, 107-R	C.3
125	904-111G	ROAD A CHEMICAL BASIN	C.3
2271	451-Z	SALTSTONE DISPOSAL FACILITY [4]	K.1
2011	210-Z	SALTSTONE FACILITY (PROCESS)	K.1
340	741-A	SALVAGE YARD	C.3

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H.2: RCRA 3004(u) Solid Waste Management Units

SRS Index Number	Bldg. Number	Solid Waste Management Unit	FFA Appendix
343	NBN	SANDBLAST AREA CMF-001	C.1
344	NBN	SANDBLAST AREA CMH-001	C.1
346	NBN	SANDBLAST AREA CMH-002	C.1
354	NBN	SANDBLAST AREA CMN-001	C.1
1003	607-1A	SANITARY WASTEWATER TREATMENT FACILITIES	K.2

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[2] These facilities were closed under their appropriate permit (e.g., wastewater, underground storage tank, municipal solid waste landfill regulations, no discharge permit, etc.); they are not listed in another FFA appendix.
[3] These facilities no longer exist; they are not listed in another FFA appendix.
[4] This listing includes all Saltstone Disposal Units (SDUs) that are associated with the Saltstone Disposal Facility.

Revision 0 Appendix H for Fiscal Year 2019

H.2: RCRA 3004(u) Solid Waste Management Units

SRS Index Number	Bldg. Number	Solid Waste Management Unit	FFA Appendix
	607-22A, -23A, 607-18N, -19N, -42N	SANITARY WASTEWATER TREATMENT FACILITIES [2]	TBD
1885	725-N	SILVER RECOVERY FACILITY (PAINT)	K.1
1013	703-43A	SILVER RECOVERY FACILITY (PUBLICATIONS BUILDING)	K.1
41	731-3A	SILVERTON ROAD WASTE SITE	C.3
132	080-16G	SRL OIL TEST SITE	C.3

SRS Index Number is a unique identifier assigned to each individual unit
This number is used by SRS for tracking and is not meant to imply a ranking or priority.
ECODS - Early Construction and Operational Disposal Site
Please note that additional SWMUs listed in FFA Appendix G.2: Areas Determined to Require No Further Response, are not listed in Appendix H.2.
[1] These are operating facilities; they are not listed in another FFA appendix.
[2] These facilities were closed under their appropriate permit (e.g., wastewater, underground storage tank, municipal solid waste landfill regulations, no discharge permit, etc.); they are not listed in another FFA appendix.
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Revision 0 Appendix H for Fiscal Year 2019

H.2: RCRA 3004(u) Solid Waste Management Units

SRS Index Number	Bldg. Number	Solid Waste Management Unit	FFA Appendix
133, 134, 135, 136	904-53G1, -53G2, -54G, -55G	SRL SEEPAGE BASINS	C.3
456	NBN	STEED POND	C.1
310, 500, 559, 467	678-T, NBN, NBN, NBN	T-AREA OPERABLE UNIT, COMPRISED OF - NEUTRALIZATION SUMP, - TNX OUTFALL DELTA, LOWER DISCHARGE GULLY, AND SWAMP - TNX AREA PROCESS SEWER LINES AND TILE FIELDS AS ABANDONED - X-001 OUTFALL DRAINAGE DITCH	C.3
1807	341-1M	TANK FARM CONTAINMENT COVER (INTERIM TREATMENT AND STORAGE FACILITY)	C.3
104, 106, 139, 127, 25	904-102G, 904 -76G, 643-5G, NBN, 082-G	TNX OPERABLE UNIT	C.3

SRS Index Number is a unique identifier assigned to each individual unit
This number is used by SRS for tracking and is not meant to imply a ranking or priority.
ECODS - Early Construction and Operational Disposal Site
Please note that additional SWMUs listed in FFA Appendix G.2: Areas Determined to Require No Further Response, are not listed in Appendix H.2.
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Revision 0 Appendix H for Fiscal Year 2019

H.2: RCRA 3004(u) Solid Waste Management Units

SRS Index Number	Bldg. Number	Solid Waste Management Unit	FFA Appendix
465	321-M	UNDERGROUND STORAGE SUMP 321-M #001	C.3
466	321-M	UNDERGROUND STORAGE SUMP 321-M #002	C.3
	NBN	WALKING TRAIL (TRASH PILE) [3]	TBD
	NBN	WASTE OIL ACCUMULATION POINT FOR ETF [3]	TBD
	NBN	WASTE STORAGE PADS 20-22 (NAVAL FUELS STORAGE PADS) [1]	TBD

SRS Index Number is a unique identifier assigned to each individual unit
This number is used by SRS for tracking and is not meant to imply a ranking or priority.
ECODS - Early Construction and Operational Disposal Site
Please note that additional SWMUs listed in FFA Appendix G.2: Areas Determined to Require No Further Response, are not listed in Appendix H.2.
[1] These are operating facilities; they are not listed in another FFA appendix.
[2] These facilities were closed under their appropriate permit (e.g., wastewater, underground storage tank, municipal solid waste landfill regulations, no discharge permit, etc.); they are not listed in another FFA appendix.
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[4] This listing includes all Saltstone Disposal Units (SDUs) that are associated with the Saltstone Disposal Facility.

Revision 0 Appendix H for Fiscal Year 2019

H.2: RCRA 3004(u) Solid Waste Management Units

SRS Index Number	Bldg. Number	Solid Waste Management Unit	FFA Appendix
140	631-19G	WEST OF SREL "GEORGIA FIELDS" SITE	C.3

SRS Index Number is a unique identifier assigned to each individual unit
This number is used by SRS for tracking and is not meant to imply a ranking or priority.
ECODS - Early Construction and Operational Disposal Site
Please note that additional SWMUs listed in FFA Appendix G.2: Areas Determined to Require No Further Response, are not listed in Appendix H.2.
[1] These are operating facilities; they are not listed in another FFA appendix.
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[4] This listing includes all Saltstone Disposal Units (SDUs) that are associated with the Saltstone Disposal Facility.

APPENDIX I PRIMARY DOCUMENT REVIEW/COMMENT AND REVISION SCHEDULE

APPENDIX I: Primary Document Review/Comment and Revision Schedule

Revision.0 Primary Document	Activity	Period (Days)
Programmatic Documents		
Appendix C, RCRA/CERCLA Units List	EPA/SCDHEC Review DOE Revise	120 90
Appendix G, Site Evaluation List	EPA/SCDHEC Review DOE Revise	120 90
Community Involvement Plan (CIP)	EPA/SCDHEC Review DOE Revise	120 90
RCRA/CERCLA Documents		
RFI/RI Workplan	EPA/SCDHEC Review DOE Revise	120 90
RFI/RI and Baseline Risk Assessment Report	EPA/SCDHEC Review DOE Revise	90 60
Corrective Measures Study/Feasibility Study (CMS/FS)	EPA/SCDHEC Review DOE Revise	90 60
Statement of Basis/Proposed Plan (SB/PP)	EPA/SCDHEC Review DOE Revise	60 60
Record of Decision (ROD)	EPA/SCDHEC Review DOE Revise	60 60
Corrective Measures Implementation/Remedial Action Implementation Plan (CMI/RAIP)	EPA/SCDHEC Review DOE Revise	90 60
Land Use Control Implementation Plan (LUCIP)	EPA/SCDHEC Review DOE Revise	90 60
Post-Construction Report (PCR)	EPA/SCDHEC Review DOE Revise	90 60
Post-Construction Report/Remedial Action Completion Report (PCR/RACR)	EPA/SCDHEC Review DOE Revise	90 60
Remedial Action Completion Report (RACR)	EPA/SCDHEC Review DOE Revise	90 60

APPENDIX I: Primary Document Review/Comment and Revision Schedule

Revision.0 Primary Document	Activity	Period (Days)
CERCLA Documents		
RI Workplan	EPA/SCDHEC Review	120
	DOE Revise	90
RI and Baseline Risk Assessment Report	EPA/SCDHEC Review	90
	DOE Revise	60
Feasibility Study (FS)	EPA/SCDHEC Review	90
	DOE Revise	60
Proposed Plan (PP)	EPA/SCDHEC Review	60
	DOE Revise	60
Record of Decision (ROD)	EPA/SCDHEC Review	60
	DOE Revise	60
Remedial Action Implementation Plan (RAIP)	EPA/SCDHEC Review	90
	DOE Revise	60
Land Use Control Implementation Plan (LUCIP)	EPA/SCDHEC Review	90
	DOE Revise	60
Post-Construction Report (PCR)	EPA/SCDHEC Review	90
	DOE Revise	60
Post-Construction Report/ Remedial Action Completion Report (PCR/RACR)	EPA/SCDHEC Review	90
	DOE Revise	60
Remedial Action Completion Report (RACR)	EPA/SCDHEC Review	90
	DOE Revise	60
Area Operable Unit (AOU) Documents		
Area Operable Unit RFI/RI Workplan	EPA/SCDHEC Review	120
	DOE Revise	90
Area Operable Unit RFI/RI and Baseline Risk Assessment Report/Corrective Measures/Feasibility Study (AOU RFI/RI/BRA/CMS/FS)	EPA/SCDHEC Review	150
	DOE Revise	90

APPENDIX I: Primary Document Review/Comment and Revision Schedule

Revision.0 Primary Document	Activity	Period (Days)
Area Operable Unit Statement of Basis/Proposed Plan (AOU SB/PP)	EPA/SCDHEC Review DOE Revise	60 60
Area Operable Unit Record of Decision (AOU ROD)	EPA/SCDHEC Review DOE Revise	60 60
Area Operable Unit Corrective Measures Implementation/Remedial Action Implementation Plan (AOU CMI/RAIP)	EPA/SCDHEC Review DOE Revise	90 60
Area Operable Unit Land Use Control Implementation Plan (AOU LUCIP)	EPA/SCDHEC Review DOE Revise	90 60
Area Operable Unit Post-Construction Report (AOU PCR)	EPA/SCDHEC Review DOE Revise	120 60
Area Operable Unit Post-Construction Report/Remedial Action Completion Report (AOU PCR/RACR)	EPA/SCDHEC Review DOE Revise	120 60
Area Operable Unit Remedial Action Completion Report (AOU RACR)	EPA/SCDHEC Review DOE Revise	90 60
Integrator Operable Unit (IOU) Documents		
RFI/RI Workplan	EPA/SCDHEC Review DOE Revise	120 90
Periodic Report	EPA/SCDHEC Review DOE Revise	90 60
RFI/RI and Baseline Risk Assessment Report	EPA/SCDHEC Review DOE Revise	90 60
Corrective Measures Study/Feasibility Study (CMS/FS)	EPA/SCDHEC Review DOE Revise	90 60
Statement of Basis/Proposed Plan (SB/PP)	EPA/SCDHEC Review DOE Revise	60 60
Record of Decision (ROD)	EPA/SCDHEC Review DOE Revise	60 60

APPENDIX I: Primary Document Review/Comment and Revision Schedule

Revision.0 Primary Document	Activity	Period (Days)
Corrective Measures Implementation/Remedial Action Implementation Plan (CMI/RAIP)	EPA/SCDHEC Review	90
	DOE Revise	60
Land Use Control Implementation Plan (LUCIP)	EPA/SCDHEC Review	90
	DOE Revise	60
Post-Construction Report (PCR)	EPA/SCDHEC Review	90
	DOE Revise	60
Post-Construction Report/Remedial Action Completion Report (PCR/RACR)	EPA/SCDHEC Review	90
	DOE Revise	60
Remedial Action Completion Report (RACR)	EPA/SCDHEC Review	90
	DOE Revise	60

APPENDIX J: DATA MANAGEMENT PLAN

Appendix J: Data Management Plan

This appendix is the Data Management Plan that describes the requirements for the transference of analytical data from the DOE to EPA and SCDHEC under the terms of Section XXIX (Quality Assurance/ Sampling Availability Data Management) of this Agreement. Appendix J was revised in 2011 to update data field names and add new data fields as necessary to correlate with the EPA *Uniform Federal Policy for Quality Assurance Project Plans*, EPA-505-B-04-900A, Version 1 Final, March 2005.

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1.0 INTRODUCTION

This document is the Data Management Plan which fulfills the requirements of Subsection C of Section XXIX of the Federal Facility Agreement (FFA) between the United States Department of Energy (DOE), South Carolina Department of Health and Environmental Control (SCDHEC), and the United States Region 4 Environmental Protection Agency (EPA). This plan outlines the manner in which the Savannah River Site (SRS) qualifies data used in documents and reports, and stores and accesses analytical data that will be collected for units listed in FFA Appendix C, RCRA/CERCLA Units. This plan applies to regulatory documents that present data and may include but are not exclusive of the following: the RCRA Facility Investigation/Remedial Investigation Reports, Baseline Risk Assessment Reports, Corrective Measures/Feasibility Study Reports, Treatability Study Reports, Performance Evaluation Reports, Effective Monitoring Report, and Removal Site Evaluation Report/ Engineering Evaluation/Cost Analysis. It also describes the method for transmitting this required data electronically to the EPA and SCDHEC. The Data Management Plan provides guidance on the expected data format presented to both generators and end users of the data and definitions of data qualifiers.

2.0 DATA QUALIFICATION

Each regulatory report that contains analytical data will present the analytical data that was generated and will describe the criteria used to qualify data presented as well as data used for computations. The report will explain how the contaminants of concern were selected as well as any known uncertainties. Data uncertainties will be included, if available. Each report will document quality levels of all data used to generate conclusions.

3.0 DATA DOCUMENTATION

Each regulatory report will include documentation describing the source of all analytical data used to generate conclusions. Documentation will be sufficient to allow the reader to locate a copy of any source document used, including its full title, author, publication date, publisher, document number, and revision number if applicable. Data that must be documented include, but are not limited to, all information regarding the following:

Sampling Protocols	include station locations and collection methods
Analytical Protocols	include analytical method used, laboratory Quality Assurance/ Quality Control *(QA/QC)* data, source(s) for analytical uncertainties, or excessive detection limits
Geographic Data	include base maps, meteorological data, soil type maps, surface water bodies, and roads, buildings and other anthropogenic alterations

Geologic Data	include both surface and subsurface structure and properties, and hydrologic properties, such as groundwater flow rates and direction of flow
Contaminant Data	include both contaminant fate and transport properties
Historic Data	include process knowledge, relevant operations, and construction activities
Ecological Data	include surveys of both flora and fauna

4.0 REPORTING AND STORAGE OF NEW DATA

Analytical data developed after the effective date of August 16, 1993 for a RCRA/CERCLA Unit listed in Appendix C of the FFA are maintained on computer-readable media. This applies to any Area Completion and Deactivation and Decommissioning Project station, sampling or analytical record that is screening level data or above for that RCRA/CERCLA Unit. The master copy of the computer-readable medium will be protected from damage or destruction from the following sources: changes by users, fire, or computer failure. Each regulatory report that uses data from an electronic database will document how a user can interpret the computer-readable files.

5.0 DATA ACCESS

5.1 REQUEST FOR DATA

The analytical data generated for a regulatory report will be provided electronically in an Excel spreadsheet format with the report. The data will be formatted per Appendix J and will contain information about actual samples and chemical analyses of samples.

For analytical data not supplied with a regulatory report used in the generation of that report, EPA and SCDHEC may request copies of numerical data used in a report in the form of either hard copy printouts or computer-readable media. Requests for data should be made directly to the DOE FFA Project Manager. The request must include the requesting individual's name, address, and organization name and must also adequately describe the data requested to ensure transmittal of the proper dataset. Referencing a specific report (including the report name and document number and revision number) is necessary to ensure receipt of the requested data.

5.2 DATA FORMAT

DOE will deliver the requested or required data to the EPA and SCDHEC in accordance with Section 8.0 Federal Facility Agreement Electronic Data Deliverable (EDD) Specification. Data types may include field, analytical, geographic, RCRA/CERCLA unit parameters, and other data pertinent to the specific RCRA/CERCLA Unit. The Parties recognize that data values or fields requested in the EDD may not be applicable to the all RCRA/CERCLA Units.

The DOE will, in the instances where data values or fields requested are not applicable, specify in writing those fields and values.

The Parties will modify the EDD in accordance with the terms of Section XLIII of this Agreement. The DOE will, within 60 days of the modification, provide the electronic data in the revised or superseded EDD format for those reports submitted, or scheduled for submittal 60 days after the effective date of the modification. The data shall be provided in accordance with the protocol in effect at the time of the submittal.

5.3 SCHEDULE FOR DELIVERY OF DATA

For each regulatory report, the analytical data generated for that report will be provided electronically in an Excel spreadsheet format with said report. One electronic copy of the data will be delivered to the EPA and SCDHEC within 30 days of the EPA and SCDHEC receipt of the report. The data will be delivered in the required format (as described above) and will contain information about actual samples and chemical analyses of samples.

5.4 DATA DICTIONARY

EPA, SCDHEC, and SRS recognize that each regulatory report is unique and may require the collection of data that is unique to an individual RCRA/CERCLA Unit or Operable Unit. SRS will define the unique fields and their use upon delivery of the data. DOE will provide a functional data dictionary with the transmission of electronic data for each individual report submitted.

5.5 AVAILABLE MEDIA

DOE will deliver the electronic data on an appropriate media for the file size using either DVD or CD-ROM or other recognized and acceptable media. DOE shall notify the EPA and SCDHEC, in writing, of any proposed change(s) to this format and the projected date of the implementation of the change(s). The EPA and SCDHEC will notify the DOE, within 30 days of the receipt of the notification, of their position on the proposed change in format. Failure of EPA or SCDHEC to respond to the proposed change(s) within 30 days of their receipt will be deemed to constitute concurrence with the requested format change

.

6.0 TRANSFER OF INFORMATION TO OUTSIDE PARTIES

All materials transmitted under the terms of this Data Management Plan are for the express use of the EPA, SCDHEC, and DOE. EPA and SCDHEC may not release or provide any materials including but not limited to Base Maps, electronic data, and electronic media containing analytical data to an individual or party not employed by any of the three Parties without the written consent of the DOE. Electronic data may be subject to SRS procedures for approval of release of information outside the SRS

7.0 ABBREVIATIONS, DEFINITIONS AND ACRONYMS

CD	Compact Disk
CD-ROM	Compact Disk – Read Only Memory
DOE	Department of Energy
DVD	Digital Versatile Disc
EDD	Electronic Data Deliverable
EPA	Environmental Protection Agency
FFA	Federal Facility Agreement
QA/QC	Quality Assurance/Quality Control
RCRA	Resource Conservation and Recovery Act
SCDHEC	South Carolina Department of Health and Environmental Control
SRS	Savannah River Site

8.0 FEDERAL FACILITY AGREEMENT ELECTRONIC DATA DELIVERABLE (EDD) SPECIFICATION

This data will be provided in an Excel spreadsheet file. Data element fields for which data are not available, not applicable, or has null is reported will be left blank.

The EDD is comprised of the following nine tables:

Table 1 FFA-EDD Data Elements and Description
Table 2 Well Names
Table 3 EPA Functional Guideline Qualifiers
Table 4 Qualification Codes (formerly USEPA STORET Codes and EMS Codes)
Table 5 Analytical Result Unit Codes
Table 6 Sample Matrix Codes
Table 7 Analyte Type
Table 8 Sample Type
Table 9 Analysis Code

Table 1. FFA-EDD Data Elements and Description

Data Element Number	Data Element	Data Element Definition/Description
1	RCRA/CERCLA Unit Project Name	The name of the RCRA/CERCLA Unit project.
2	RCRA/CERCLA Unit Project Acronym	The acronym of the RCRA/CERCLA Unit project name.
3	FFA Index Number	Number assigned to most RCRA/CERCLA Unit projects
4	Sample Name or Well Name	The Well Name (Table 2) will be entered for groundwater samples from monitoring wells. Other samples (Soil, Flora, Fauna, Surface Water) will use a 20 character hyphenated facility-station-interval.
5	Lab Sample ID	The sample identifier assigned and entered by the laboratory
6	UTM East Coordinates	UTM East relative to the NAD27 survey, with up to 2 decimal places when available.
7	UTM North Coordinates	UTM North relative to the NAD27 survey, with up to 2 decimal places when achievable and available.
8	SRS East Coordinates	A coordinate system based on a SRS survey grid. The units for this system are feet.
9	SRS North Coordinates	A coordinate system based on a SRS survey grid. The units for this system are feet.
10	Ground Surface Elevation	Ground Surface Elevation in feet above Mean Sea Level (MSL), with up to 1 decimal place when available and achievable.
11	Top of Sample Interval	Top of sample interval in feet above MSL, with up to 1 decimal place when available and achievable. Top of screen interval will be entered for groundwater monitoring wells.
12	Bottom of Sample Interval	Bottom of sample interval in feet above MSL, with up to 1 decimal place when available and achievable. Bottom of screen interval will be entered for groundwater monitoring wells.
13	Sample Collection Date	Date that the sample was collected. The format for the date will be MMDDYY.
14	Analytical Method	Method code used to perform the analysis (e.g., EPA####). EPA SW846 methods are used when available and applicable. Otherwise, DOE, ASTM, and other industry standard methods are used.

Table 1. FFA-EDD Data Elements Description (continued)

Data Element Number	Data Element	Data Element Definition/Description
15	Full Analyte Name	The name of the compound or constituent.
16	Analyte CAS Number	Chemical Abstract Service (CAS) number associated with the analyte. Some constituents may not have CAS numbers.
17	Method Detection Limit (ssMDL) or Minimum Detectable Activity (ssMDA)	This sample specific Method Detection Limit (ssMDL) for non-radiological results is the laboratory's posted Method Detection Limit (MDL), multiplied by sample specific values such as dilution factor, aliquot size preparation factor, and percent solids. For radiological results, the sample specific Detection Limit is the sample specific Minimum Detection Activity (ssMDA) multiplied by sample specific factors.
18	Sample Quantitation Limit (ssSQL)	The Sample Quantitation Limit is the minimum concentration of an analyte that can be reliably measured and reported by the laboratory, multiplied by sample specific values such as the dilution factor, aliquot size, preparation factor, and percent solids. This value will usually be 3 – 10X higher than the ssMDL. For radiological results, this value is the sample specific Minimum Detectable Activity (ssMDA) plus two times the counting uncertainty.
19	Laboratory Qualifier	Result qualifiers from EPA Functional Guidelines (Table 3) that are applied by the laboratory reporting the data based on requirements contained in standard operating procedure ER-SOP-033, Analytical Data Qualification
20	Review Qualifier	Result qualifiers from EPA Functional Guidelines (Table 3) that are applied by the SRS data reviewer after reviewing the data based on requirements contained in standard operating procedure ER-SOP-033, Analytical Data Qualification
21	Qualification Code	Codes that explain why the laboratory or data reviewer qualifiers were applied. These codes were formerly identified as EPA STORET Codes and Environmental Monitoring Services (EMS) Codes (Table 4).

Table 1. FFA-EDD Data Elements Description (continued)

Data Element Number	Data Element	Data Element Definition/Description
22	Analytical Result	Concentration of the analyte. Radiochemistry results are based on instrument values, which allows for results below the MDL, including negative results. For non-detected inorganic and organic analytes, the SQLs are reported for the result. Report results on a dry weight basis for all analyses reported in per mass units, whenever possible. No more than 3 significant figures, unless fewer or more figures are justified.
23	Result Unit	The units in which the analytical result is expressed (Table 5)
24	Counting Uncertainty	Statistically determined 2 sigma counting uncertainty at the 95% confidence level, representing a plus or minus value for the result and reported in the same units as the analytical result. Required for only radiochemical analyses. No more than 3 significant figures unless fewer or more figures are justifiable.
25	Sample Matrix	The sample matrix being analyzed (Table 6).
26	Analyte Type	A broad category describing the type of analytes (Table 7)
27	Dilution Factor	A multiplier applied to samples to account for the dilution or concentration of the original sample.
28	Lab QC Batch	A sample batching assigned and entered by the laboratory. All laboratory batch and instrument QC samples must be associated to the set of samples using a Lab QC Batch Identification (ID).
29	Prep Factor	The coefficient describing change in aliquot size during routine preparation, which affecting every sample, as prescribed in the laboratories SOP. Applies only to analyses where preparation factor is not included in instrument result.
30	Sample Type	Code identifying the type of sample pulled (Table 8).
31	Analysis Code	Code for laboratory QC samples (Table 9).

Table 2. Well Names

This Table specifies the format for entering groundwater monitoring well samples into the SRS Sample Name field, Data Element 5 of Table 1.

Name	Length	Type	Description
Well Name	1-8	Alphanumeric	The well name is composed of 3 elements (Series, Cluster, and Well), which are describe below in this table
Series Name	1-3	Alpha	Name of the well series for which the sample was collected. Laboratory QC blanks and standards will have "_LB" as well series designation, the first character is blank (Well 241-H is an exception, where "241" is the Series).
Cluster name	4-6	Numeric	Number of the cluster in the series (Well 241-H is an exception, where "H" is the cluster number).
Well within Cluster	7-8	Alphanumeric	This field can be blank

Table 3. EPA Functional Guideline Qualifiers

Qualifier	Description
(null)	Data not qualified. The **detected** analyte was positively identified and the result is acceptable for use as reported.
J	The **detected** analyte was positively identified but the result is approximate.
NJ	The **detected** analyte was only tentatively identified and the result is approximate. All usable tentatively identified compounds (TIC) results receive this code.
U	The analyte was analyzed for but **not detected.** The sample detection and quantitation limits (MDLs & SQLs) are valid unless blank contamination is indicated.
UJ	The analyte was analyzed for but **not detected**. The MDL & SQL are approximate and may be inaccurate or imprecise.
R	The sample result is **rejected** as unusable due to serious deficiencies in meeting QC criteria. The analyte may be present or absent.

Table 4. Qualification Codes (formerly USEPA STORET Codes and EMS Codes)

Qualifier Codes	Description
(Null)	Data not qualified
A	The result is the mean of two or more results
C	The result is calculated
G	The result reported is the maximum of two or more results
H	The result is from a field kit determination and may not be accurate
K	The actual concentration is suspected to be less than the reported result
L	The actual concentration is suspected to be greater than the reported result
Q	The sample was held beyond the normal holding time prior to analysis
S	Result equaling SQL is actual laboratory test output
T	The result is less than the criteria of detection
V	The analyte was detected in the lab method blank
W	Nondetect result is a raw value, not the quantitation limit
Y	The result is from an unpreserved or incorrectly preserved sample; the data may not be accurate
1	Compound identification criteria were not met
2	Laboratory Control Samples (LCS) criteria were not met
3	Inductively Coupled Plasma (ICP) serial dilution criteria were not met
4	Matrix interference is present
5	Matrix spike concentration was ≤ 0.25x the sample concentration, and the percent recovery cannot be determined
6	The analyte was detected in the ambient blank
7	The analyte was detected in the equipment rinsate blank
8	The analyte was detected in the trip blank
9	The field duplicate relative percent difference (RPD) was not within control limits
10	Internal standard or carrier were not met when affecting quantitation
11	Matrix spike recovery was not within the control limits
12	The TIC is a suspected aldol-condensation product
13	Initial calibration (ICAL) or continuous calibration (CCAL) criteria was not met
14	Surrogate or tracer spike recovery is out of specification

Table 4. Qualification Codes (formerly USEPA STORET Codes and EMS Codes) (continued)

Qualifier Codes	Description
15	Graphite furnace atomic absorption QC a. Duplicate injection criteria were not met, or b. Post-digestion spike recovery was not within control limits and the sample absorbance is ≥ 50% of the post-digestion spike absorbance
16	The sample was analyzed by the method of standard additions
17	Graphite furnace atomic absorption QC: the post-digestion spike recovery is not within control limits and the sample absorbance is ≤ 50% of the post-digestion spike absorbance
18	The laboratory duplicate or matrix spike/matrix spike duplicate MS/MSD RPD was not within control limits
19	Analyte detected in storage blank
20	The analyte was detected in the material blank
21	Result is above detection, but less than SQL
22	SCDHEC-required certification for analyte-method combination was not held by lab
23	Result was derived beyond the calibration range of the instrument/method

Table 5. Analytical Result Units Codes

Only those codes listed in this table will be used for the Result Unit Data Element 23 of Table 1

Code	Description
NGL	Nanograms per liter (ng/L)
UGL	Micrograms per liter (ug/L)
MGL	Milligrams per liter (mg/L)
NGML	Nanograms per milliliter (ng/ml)
UGML	Micrograms per milliliter (ug/ml)
MGML	Milligrams per milliliter (mg/ml)
PCL	Picocuries per liter (pCi/L)
PCML	Picocuries per milliliter (pCi/ml)
NGKG	Nanograms per Kilogram (ng/Kg)
UGKG	Micrograms per kilogram (ug/Kg)
MGKG	Milligrams per kilogram (mg/Kg)
NGG	Nanograms per grams (ng/g)
UGG	Micrograms per gram (ug/g)
MGG	Milligrams per gram (mg/g)
PCKG	Picocuries per kilogram (pCi/Kg)
PCG	Picocuries per gram (pCi/g)
USCM	Microsiemens per centimeter (uS/cm)
NTU	Nephelometric Turbidity Units
PH	pH units

Table 6. Sample Matrix Codes

Only those codes listed in this table will be used for the Sample Matrix, Data Element 24 of Table 1

Code	Description
AIR	Air
AQUEOUS	Aqueous Waste
ASH	Ash
ATMGAS	Atmospheric Air
COAL	Coal
COAL/SED	Coal/Sediment
COALSOIL	Coal/Soil
CONCRETE	Concrete
CONFGAS	Confined Gas Sample
DATA	Data Migration
DEER	Deer
DIFWATER	Passive Diffusion Water
FAUNA	Animal Sample
FILTER	Filter Sample
FISH	Fish
FLORA	Vegetation Sample
GRAVEL	Gravel
GRAVWOOD	Gravel/Wood
GRWATER	Groundwater
HOG	Hog
OIL	Oil
ORGANICM	Organic Solid Matter
ORGANICW	Organic or Multiphase Liquid Waste
OTHER	Other Matrix Type
PVAPOR	Process Extracted Vapor
PW	Process Water
ROCK	Rock
SED-SOIL	Sediment and/or Soil, Interface Zone
SEDMINT	Sediment
SFWATER	Surface Water
SLUDGE	Sludge
SOIL	Soil
SOILGAS	Soil Gas or Vapor
SOILGRAV	Soil/Gravel
SOLIDS	Waste Solids
SWIPE	Rad Swipe Check
TREE	Tree Sample
UNKNOWN	Unknown
WATER	Water

Table 7. Analyte Type

Analyte Type	Description
CARR	Radiochemical Carrier
IS	Internal Standard
NAS	Non Analyte Specific Result
SURR	Surrogate spike Compound
TIC	Tentatively Identified Compound
TRCR	Tracer
TRG	Target Analyte

Table 8. Sample Type

Sample Type	Description
FB	Field Blank
FD	Field Duplicate
RB	Rinsate Blank
REG	Regular Sample
SPL	Split
TB	Trip Blank

Table 9. Analysis Code

Analysis Code	Description
CCV	Continuing Calibration Verification Standard
CRI	CRDL Low Level Calibration Verification Standard by ICP
ICB	Initial Calibration Blank
ICSA	Interference Check Standard A
ICSB	Interference Check Standard B
ICV	Initial Calibration Verification Standard Laboratory Blank
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LD	Laboratory Duplicate
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PPS	Post Preparation Spike
REG	Regular Sample
RERUN	Reanalysis of a sample at the request of SRS
SB	Storage Blank
SD	Serial Dilution

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APPENDIX K: D&D FACILITIES

Revision 0 Appendix K for Fiscal Year 2019

K.1: D&D Facilities to be Decommissioned

Area	SRS Index Number	Number	D&D Facility to be Decommissioned
A Area			
	1014		Central Computing Center
	1045		Central Alarm Station (CAS)
	1053		Plant Alternative Alarm Center
	1009	703-37A	Cooling Water Pump Enclosure A Compressor Room [1]
	1010	703-38A	Cooling Water Pump Enclosure B Compressor Room [1]
	1011	703-41A	DOE Office Building
	1012	703-42A	A&BA Office Building
	1013	703-43A	Publications Building
	1015	703-45A	Support Services Building
	1016	703-46A	Administrative Control Building
	1017	703-47A	Administration Support
	1018	703-71A	Pump House [1]
	1019	703-A	Administration Building [1]
	1020	705-A	Engineering Office Building
	1026	711-A	Steel and Pipe Storage Building
	1027	712-A	Lumber Storage
	1032	715-A	Gasoline Station
	1033	716-2A	Support Services Lower 700-G
	1034	716-4A	Regulated Vehicle Maintenance Building
	1037	717-11A	CSWE Works Engineering Facility Upper 700
	1038	717-4A	Varnish Dip Tank Facility
	1039	717-7A	Maintenance Warehouse
	1040	717-8A	Storage Building Lower 700-A

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[2] FDEs with regulatory concurrence on the use of the EE/CA Model; however decommissioning has been delayed.
[3] Building 735-A includes the footprint of Building 735-6A, Sample Storage Building, equipment and pad.
[4] This listing includes all Saltstone Disposal Units (SDUs) that are associated with the Saltstone Disposal Facility.

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K.1: D&D Facilities to be Decommissioned

Area	SRS Index Number	Number	D&D Facility to be Decommissioned
	1041	717-9A	Storage Building MUM
	1048	722-1A	Electrical Repair Shop
	1049	722-4A	Motor Shop and Balancing Facility
	1050	722-5A	Computer & Communications Repair Building
	1051	722-7A	Storage Building
	1052	722-8A	Storage Building
	1053	722-A	Electrical Repair Shop
	1054	723-15A	Fixture & Equipment Storage Facility
	1070	735-A	Radiological & Environmental Science Laboratory (Including 735-6A) [3]
	1095	742-A	Office Building
	1103	754-10A	Diesel Generator
	1104	754-11A	Propane Generator
	1105	754-5A	UPS/Generator Enclosure
	1106	754-8A	Diesel Generator
	1131	780-1A	Chemical Feed Building West of 784-A
	1132	780-2A	Chlorine Feed Building for 785-A
	1134	782-2A	Domestic Water Storage Tank
	1135	782-3A	A-Area Domestic Water Central Treatment Plant
	1136	784-1A	Maintenance Shop Boiler House
	1137	784-3A	E&I Storage Building
	1138	784-4A	Coal Handler Observation Building
	1139	784-A	Boiler House
	1140	785-2A	Cooling Tower No. 2
	1141	785-6A	Chiller

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K.1: D&D Facilities to be Decommissioned

Area	SRS Index Number	Number	D&D Facility to be Decommissioned
	1142	785-A	Cooling Tower
B Area			
	1147	607-2B	Chemical Feed Facility
	1148	607-4B	Sanitary Waste Water Facility
	1149	703-10B	Kennel Facilities
	1150	703-1B	WSI Training Building
	1151	703-5B	Helicopter Supply Facility, Hanger
	1152	703-6B	Helicopter Supply Facility OPR ANN
	1153	703-B	WSI Administration Building
	1154	706-B	WSI Training Building
	1155	708-1B	B-Area Engineer Support Building
	2242	710-4B	Mixed Waste Satellite Facility
	1159	716-B	WSI Automotive Shop
	1160	728-1B	Record Storage Building No. 2
	1161	730-1B	Engineering Support Facility
	1162	730-2B	Administration Building No. 2
	1163	730-4B	Administration Building No. 3
	1164	730-B	Engineering Center
	1165	735-1B	Regulatory Monitoring & Bioassay Laboratory Auxiliary
	1166	735-2B	Health Protection Calibration Facility
	1167	735-4B	Whole Body Count Facility
	1169	751-B	5000 KVA Substation
	1170	772-25B	Research Laboratory (EPA Streams)
	1171	772-7B	Storage and Laboratory Facility

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K.1: D&D Facilities to be Decommissioned

Area	SRS Index Number	Number	D&D Facility to be Decommissioned
	1172	785-1B	Chiller Building Cooling Tower
	1173	789-2B	Chiller Building
	1174	789-B	Refrigeration Building
	1175	790-B	Ammunition Bunker
	1176	902-5B	Fire Water Pump House
C Area			
	2234	105-1C	No. 3 and 6 Basin Deionizers Pad
	1177	105-C	Reactor Building
	1179	108-1C	Engine House
	1180	108-2C	Engine House
	1181	151-1C	Primary Substation (High Volt 115/13.8)
	1182	151-2C	Primary Substation (High Volt 115/13.8)
	2235	152-C	Secondary Substation (High Voltage 13.8)
	1184	184-6C	Storage Building
	1185	186-C	Cooling Water Reservoir
	1186	190-C	Cooling Water Pump House
	2239	191-C	Standby Pump House
	2236	607-C	Septic Tanks
	1190	701-1C	Area Gatehouse & Patrol Headquarters
	2238	701-6C	Guardhouse
	1192	702-1C	Telephone Exchange Building
	1193	702-C	Telephone Exchange Building
	1194	704-C	Area Administrative & Services Building
	1195	705-1C	Reactor Engineering Office Building

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K.1: D&D Facilities to be Decommissioned

Area	SRS Index Number	Number	D&D Facility to be Decommissioned
	1196	705-3C	Reactor Support Services Building
	1197	705-C	Reactor Training Facility
	1198	706-C	Office Building
	1199	707-C	Reactor Simulator Training Facility
	1200	711-C	Maintenance Material Storage Building
D Area			
	1219	451-D	Primary Substation (High Volt 115/13.8)
	2258	454-1D	Diesel Fuel Unloading Facility
	1220	454-D	Diesel Fuel Underground Storage Tank
	1222	480-3D	Maintenance Field Office and Shop
	1223	482-2D	Motor Control Center
	1224	483-1D	Water Filtration and Treatment Plant
	1225	483-2D	Softener and Silica Absorber Building
	1226	483-3D	Electrical Control Building
	2259	483-6D	Backwash Surge Basin
	1227	483-7D	Chemical Feed Systems for Domestic Water
	1228	483-D	Softener Building
	1229	484-10D	Oil Shed Building
	1230	484-12D	Storage Building
	1231	484-13D	Storage Building
	1232	484-15D	Storage Shed
	2264	484-17D	Coal Storage Area
	2260	484-1D	Modular Office Trailer
	2261	484-2D	Coal Handlers Change House

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K.1: D&D Facilities to be Decommissioned

Area	SRS Index Number	Number	D&D Facility to be Decommissioned
	1233	484-4D	Power Maintenance Facility Building
	2262	484-5D	Power House Storage Building
	2263	484-7D	Storage Building
	1234	484-9D	Valve House
	1235	484-D	Powerhouse
	1236	485-D	Cooling Tower
	2267	607-12D	Sanitary Wastewater Pumping Station
	2268	607-14D	Chemical Feed Building
	1237	607-15D	Chemical Feed Facility
	2265	607-2D	Sewage Lift Station #2
	2266	607-7D	Sewage Treatment Plant/Blower Cabinet
	2269	683-D	Chlorine Unloading and Storage Facility
	1241	702-D	Telephone Exchange Building
	2270	704-7D	Maintenance Building
	1244	710-16D	Storage Building
	1248	717-3D	Welding Shop
E Area			
	1251	641-E	High Point Valve Box
	1252	642-E	Administrative Building
	1253	643-29E	Mixed Waste Storage
	1254	643-43E	Mixed Waste Storage Expansion
	1255	643-44E	Storage/Work Space, Maintenance, Rigging, Heavy Equipment
	1256	643-46E	Storage/Work Space, Maintenance, Rigging, Heavy Equipment
	1257	660-14E	TRU Waste Storage Pad No. 14

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K.1: D&D Facilities to be Decommissioned

Area	SRS Index Number	Number	D&D Facility to be Decommissioned
	1258	660-15E	TRU Waste Storage Pad No. 15
	1259	660-16E	TRU Waste Storage Pad No. 16
	1260	660-17E	TRU Waste Storage Pad No. 17
	1261	660-18E	TRU Waste Storage Pad No. 18
	1262	660-19E	TRU Waste Storage Pad No. 19
	1263	660-3E	TRU Waste Storage Pad No. 3
	1264	660-4E	TRU Waste Storage Pad No. 4
	1265	660-5E	TRU Waste Storage Pad No. 5
	1266	660-6E	TRU Waste Storage Pad No. 6
	1270	664-E	Associated Waste Shredder Building
F Area			
	1278	211-9F	Stores Drop Point
	1280	221-12F	Uranium Oxide Storage
	1283	221-1F	A - Line [2]
	1285	221-21F	Uranium Oxide Storage Building
	1286	221-22F	Storage Building
	1290	221-33F	Material Access Center Warehouse [1]
	1292	221-F	Canyon Building
	1294	235-1F	Refrigeration Building No. 1
	1295	235-2F	Refrigeration Building No. 2
	1296	235-F	F-Area Material Storage Area (aka Metallurgical Building)
	1297	241-104F	Storage and Supply Building
	1298	241-11F	Gang Valve House
	1299	241-13F	West Pump House

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K.1: D&D Facilities to be Decommissioned

Area	SRS Index Number	Number	D&D Facility to be Decommissioned
	1300	241-17F	East Pump House
	1301	241-18F	Control Room/MCC
	1303	241-20F	Cooling Towers/Pumphouse Ser 25-28, 44-47
	1304	241-21F	FDB-4 and FPPs 2 and 3
	1305	241-28F	Office/Change Rooms
	1306	241-2F	FDB-1
	1307	241-32F	FDB-6 Diversion Box
	1308	241-33F	FDB-5 Diversion Box
	1309	241-53F	Air Compressor Building
	1310	241-58F	Maintenance Shop Building
	1311	241-62F	MCC Building
	1313	241-64F	Air Compressor Building
	1314	241-65F	Breathing Air Compressor Building
	1315	241-74F	Control Room/MCC
	1316	241-75F	Cesium Removal Control Pump House
	1317	241-84F	Interim Record Storage
	1322	241-901F	Waste Storage Tank
	1323	241-902F	Waste Storage Tank
	1324	241-903F	Waste Storage Tank
	1325	241-904F	Waste Storage Tank
	1326	241-905F	Waste Storage Tank
	1327	241-906F	Waste Storage Tank
	1328	241-907F	Waste Storage Tank
	1329	241-908F	Waste Storage Tank

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K.1: D&D Facilities to be Decommissioned

Area	SRS Index Number	Number	D&D Facility to be Decommissioned
	1330	241-917F	Waste Storage Tank
	1331	241-918F	Waste Storage Tank
	1332	241-919F	Waste Storage Tank
	1318	241-91F	Waste Certification Building
	1312	241-920F	Waste Storage Tank
	1333	241-925F	Waste Storage Tank
	1334	241-926F	Waste Storage Tank
	1335	241-927F	Waste Storage Tank
	1336	241-928F	Waste Storage Tank
	1337	241-933F	Waste Storage Tank
	1338	241-934F	Waste Storage Tank
	1319	241-93F	ALARA Storage Building
	1339	241-944F	Waste Storage Tank
	1340	241-945F	Waste Storage Tank
	1341	241-946F	Waste Storage Tank
	1342	241-947F	Waste Storage Tank
	1320	241-97F	Cooling Water Basin
	1321	241-99F	MCC Building
	1343	242-10F	Radcon Trailer Near Tank 4
	1344	242-11F	Radcon Trailer Near 1F Evaporator
	1345	242-12F	Radcon Trailer Near 2F Evaporator
	1346	242-16F	2F Evaporator
	1302	242-1F	Waste Evaporator #1 Control House
	1347	242-3F	CTS Pit

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K.1: D&D Facilities to be Decommissioned

Area	SRS Index Number	Number	D&D Facility to be Decommissioned
	1348	242-8F	Radcon Trailer Near FDB-2
	1349	242-9F	Radcon Trailer Near Tanks 33/34
	1350	242-F	1F Evaporator
	1351	246-3F	Blend Cabinet Storage Building
	1359	251-F	Primary Substation (High Voltage 115 KV)
	1360	252-24F	Secondary Transformer Station for 241F
	1361	252-46F	Substation
	1362	252-68F	Transformer -1
	1363	252-69F	Transformer - 2
	1364	254-13F	Diesel Generator Building
	1368	254-9F	Diesel Generator
	1370	280-1F	Chemical Feed Building
	1372	281-10F	Filter and Deionizer Facility
	1373	281-1F	Return Water Delaying Basin
	1375	281-2F	Return Water Pumping Basin
	1376	281-4F	Monitoring House
	1377	281-5F	Segregated Water Delaying Basin
	1378	281-6F	Monitoring House
	1379	281-8F	Storage Basin, 4 Million Gallon, Lined
	1380	282-F	Reservoir and Pump House
	1381	284-10F	E & I Safeguard and Security Shop [1]
	1382	284-8F	Power Service Building
	1384	285-3F	Chiller Building
	1385	285-4F	Cooling Tower No. 1

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K.1: D&D Facilities to be Decommissioned

Area	SRS Index Number	Number	D&D Facility to be Decommissioned
	1386	285-5F	Cooling Tower
	1387	285-F	Cooling Tower
	1388	291-F	Canyon Stack
	1389	292-1F	Vessel Vent Fan House
	1390	292-2F	Sand Filter Fan House
	1391	292-F	Canyon Exhaust Fan House
	1392	293-F	Metallurgical Building Stack
	1393	294-1F	Additional Canyon Sand Filter
	1394	294-2F	Sand Filter
	1395	294-F	Canyon Exhaust Filters
	1396	607-19F	Chemical Feed Facility
	1397	607-20F	Lift Station
	1398	607-29F	Naval Fuel Pump Station for Wastewater Treatment Facility
	1399	607-30F	F-Area Pump Station Wastewater Treatment Facility
	1400	641-F	Inter Transfer Lines Diversion Box/Pump Pit (FDB-2)
	1404	701-4F	Gatehouse Entrance
	1405	701-9F	Gatehouse
	1406	702-F	Telephone Exchange Building
	1408	704-26F	Temporary Administration Building
	1411	707-1F	A-Line Change House
	1413	707-7F	General Administrative Facility
	1414	707-F	Separations Support Services
	1417	711-1F	Pipe Shop
	1418	711-F	Steel and Pipe Storage Building

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K.1: D&D Facilities to be Decommissioned

Area	SRS Index Number	Number	D&D Facility to be Decommissioned
	1419	717-11F	Office Building
	1420	717-12F	Craft Building/Storage
	1422	717-F	Area Shops
	1423	720-F	Central Alarm Station (CAS)
	1424	723-3F	Construction Laundry Room
	2230	772-1F	Production Control Facility
	1430	772-4F	Lab HEPA Filtration Building
	1431	772-F	F Area and H Area Laboratory (aka Control Laboratory)
	1432	902-3F	Fire Water Pump House
	1433	905-100F	Waste Tank Process Water Well SW 284-F
G Area			
	1435	504-1G	Switching Station
	1436	504-2G	Switching Station
	1437	504-3G	Switching Station
	1438	607-59G	Chemical Feed Building Wastewater Treatment Equipment
	1439	607-62G	Influent Headworks for Wastewater Treatment Equipment
	1440	607-63G	Equalization Basin Wastewater Treatment Equipment
	1441	607-64G	Equalization Basin Wastewater Treatment Equipment
	1442	607-65G	Pump Station 4000B Wastewater Treatment Facility
	1443	607-66G	Pump Station 4000C Wastewater Treatment Facility
	1444	607-67G	Pump Station 5000A Wastewater Treatment Facility
	1445	607-68G	Pump Station 6000A Wastewater Treatment Facility
	1446	607-70G	Oxidatn Ditch and Clarifier #1 Wastewater Treatment Equipment
	1447	607-71G	Oxidatn Ditch and Clarifier #2 Wastewater Treatment Equipment

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Revision 0 Appendix K for Fiscal Year 2019

K.1: D&D Facilities to be Decommissioned

Area	SRS Index Number	Number	D&D Facility to be Decommissioned
	1448	607-72G	Oxidatn Ditch and Clarifier #3 Wastewater Treatment Equipment
	1449	607-74G	UV Disinfection Basin Cascade Unit Wastewater Treatment
	1450	607-75G	Sludge Thickener Wastewater Treatment Equipment
	1451	607-85G	Pump Station 2000B Wastewater Treatment Facility
	1452	607-86G	Pump Station 3000A Wastewater Treatment Facility
	1453	607-87G	Pump Station 4000A Wastewater Treatment Facility
	1454	607-88G	CSWTF Maintenance Building
	1455	607-91G	Sanitary Sewage Pump Station
	1456	608-G	Track Scale House
	1457	609-G	Track Maintenance Building
	1458	614-48G	Wind Data Building - N of A-Area
	1459	614-50G	Wind Data Building - N-NW of H-Area
	1460	614-51G	Wind Data Building - E - SE of F-Area
	1461	614-52G	Wind Data Building - S-SE of C-Area
	1462	614-53G	Wind Data Building - E - SE of K-Area
	1463	614-54G	Wind Data Building - SE of P-Area
	1464	614-55G	Wind Data Building - E of L-Area
	1465	614-56G	Equipment Shed
	1466	614-57G	Equipment Shed
	1467	614-58G	Equipment Shed
	1469	614-60G	Equipment Shed
	1470	614-61G	Equipment Shed
	1471	614-62G	Equipment Shed
	1472	614-63G	Equipment Shed

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Revision 0 Appendix K for Fiscal Year 2019

K.1: D&D Facilities to be Decommissioned

Area	SRS Index Number	Number	D&D Facility to be Decommissioned
	1473	614-65G	Equipment Shed
	1474	614-66G	Equipment Shed
	1476	617-G	Security Class Room
	1477	618-G	Locomotive Shop
	1478	623-30G	Communications Facility
	1479	623-40G	Radio Trunking Tower
	1481	651-1G	Primary Transformer Substation/681-1G
	1482	651-3G	Primary Transformer Substation/681-3G
	1483	651-6G	Primary Transformer Substation/681-6G
	1484	652-53G	Emergency Trns Wastewater Treatment Equipment (Was 654001G)
	1487	681-1G	Up-Stream Water Pump House for 100 Areas
	1489	681-3G	Downstream Water Pump House for 100 AREA
	1490	681-5G	Water Pump House for 400 Area
	1491	681-6G	PAR Pond Pump House
	1492	681-7G	PAR Pond Pump House Equipment Building - Adjacent to 681-6G
	1493	681-G	Wellhouse and Hydropneumatic Tank Wastewater Treatment
	1494	682-1G	Elevated Water Storage Tank
	1495	682-G	Elevated Water Storage Tank
	1496	686-1G	Dam Service Building
	1497	701-12G	Guardhouse HW 125 - RD. 3
	1498	701-13G	Guardhouse HW 125 - RD. 6
	1501	701-4G	Gatehouse, Williston Entrance
	1502	701-8G	Guardhouse HW 125 - RD. 2
	1503	704-16G	Administration Building for Wastewater Treatment Equipment

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Revision 0 Appendix K for Fiscal Year 2019

K.1: D&D Facilities to be Decommissioned

Area	SRS Index Number	Number	D&D Facility to be Decommissioned
	1504	709-1G	100 Area Fire Station
	1505	709-7G	Fire Station
	1506	735-7G	Environmental Support Facility, PAR Pond
	1507	735-8G	Greenhouse
	1512	760-12G	Deer Hunt Building
	1527	782-12G	Treated Extracted Groundwater
	1528	782-1G	FRP Surge Containment of Injection Water Tank
	1529	782-2G	FRP Surge Containment of Extracted Water Tank
	1530	782-4G	Treated Extracted Groundwater
	1531	782-7G	FRP Surge Tank
	1532	782-8G	FRP Injection Tank
	1533	904-108G	Trebler Station on C Road
	1534	904-109G	Trebler Sampler Pit No. 4
	1535	904-47G	Trebler Sampler, #1 for 904-41G (Abandon)
	1536	904-48G	Trebler Sampler #2 for 904-44G (Abandon)
H Area			
	1550		H-Canyon
	1537	211-10H	MCC NO. 2
	1538	211-17H	15K Gallon UNH Storage TK Electric Control Room
	1539	211-27H	LEU Loading Station
	1540	211-7H	Chemical Storage Building
	1541	211-8H	Control Room
	1542	211-9H	MCC NO. 1
	1543	211-H	Canyon Auxiliaries

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Revision 0 Appendix K for Fiscal Year 2019

K.1: D&D Facilities to be Decommissioned

Area	SRS Index Number	Number	D&D Facility to be Decommissioned
	1544	221-17H	Storage Building
	1545	221-18H	Storage Building
	1546	221-19H	Storage Building
	1547	221-1H	A - Line
	1548	221-21H	B-Line Storage Building
	1549	221-4H	Decontamination Cell Maintenance Facility
	1551	222-H	Cold Feed Preparation Facility
	1552	224-H	Mercury Storage Building
	1553	225-6H	Warehouse
	1554	228-H	Safeguards and HP Shop
	2273	232-1H	Tritium Facility Warehouse Building
	2274	236-H	By-Product Purification Facility
	1556	241-100H	HDB8 Facility
	1557	241-101H	HDB8 HVAC Building, Filter Building
	1558	241-102H	Office/Warehouse
	1559	241-103H	Cooling Water Basin
	1560	241-104H	Influent Pump Station
	1561	241-105H	MCC Building
	1562	241-125H	Fire Water Pump House
	1563	241-13H	West Pump House
	1564	241-146H	Fire Suppression Foam House
	1565	241-149H	ETF Storage Building
	1566	241-14H	East Pump House
	1567	241-17H	Breathing Air Compressor Building

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K.1: D&D Facilities to be Decommissioned

Area	SRS Index Number	Number	D&D Facility to be Decommissioned
	1568	241-18H	Treated Water Storage Tank
	1569	241-19H	Treated Water Storage Tank
	1570	241-20H	Treated Water Storage Tank
	1571	241-214H	DCS I/O Station
	1572	241-224H	RBA Entrance Shack to Tanks 9-12
	1573	241-227H	RBA Entrance Shack to Tanks 29-32 and 35-37
	1574	241-228H	RBA Entrance Shack to Tanks 13-16
	1575	241-229H	RBA Entrance Shack to Pump Pit 5 & 6
	1576	241-242H	EPVE Storage Building
	1577	241-243H	Chemical Addition Tank
	1578	241-25H	Portable Gang Valve House
	1579	241-270H	Storm Water Diversion Box
	1580	241-271H	Storm Water Diversion Box
	1581	241-27H	Diversion Box
	1582	241-28H	2H Control Room & Office Building
	1583	241-29H	Cooling Tower for Evaporator #2
	1584	241-2H	3H Control Room & Office Building
	1585	241-31H	DB#7 and Gang Valve House
	1586	241-32H	Cold Feeds Area
	1587	241-34H	IX/RO/Evaporator OH Tank Containment
	1588	241-35H	HDB-2
	1589	241-36H	Evaporator Condenser Tank Containment
	1590	241-37H	Evaporator Feed Tank
	1591	241-3H	HDB-3

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K.1: D&D Facilities to be Decommissioned

Area	SRS Index Number	Number	D&D Facility to be Decommissioned
	1592	241-49H	Far East Pump House
	1593	241-52H	Diversion Box DB#5
	1594	241-53H	HVAC HEPA Containment
	1595	241-56H	HDB-6
	1596	241-57H	Laundry Building
	1597	241-58H	Maintenance and E & I Shop
	1598	241-62H	Motor Control Center
	1599	241-64H	Process Air Compressor Building
	1600	241-65H	Maintenance Office Building
	1601	241-70H	Process Pump Pit for New Waste Header
	1602	241-74H	Control Room & MCC Building
	1603	241-75H	Wastewater Collection Tank Containment
	1604	241-76H	Mercury Removal and Carbon Tank Area
	1605	241-81H	Treatment Building
	1606	241-82H	ITP Control Room
	1607	241-84H	Control Building
	1608	241-85H	Personnel Monitor Building North Gate
	1609	241-86H	Personnel Monitor Building A
	1610	241-87H	Personnel Monitor Building NW of 241-58H
	1611	241-88H	Equipment Storage
	1612	241-89H	Storage and Supply Building
	1613	241-8H	Diversion Box 4 and Gang Valve House
	1619	241-909H	Waste Storage Tank
	1614	241-90H	Storage and Supply Building

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K.1: D&D Facilities to be Decommissioned

Area	SRS Index Number	Number	D&D Facility to be Decommissioned
	1620	241-910H	Waste Storage Tank
	1621	241-911H	Waste Storage Tank
	1622	241-912H	Waste Storage Tank
	1623	241-913H	Waste Storage Tank
	1624	241-914H	Waste Storage Tank
	1625	241-915H	Waste Storage Tank
	1626	241-916H	Waste Storage Tank
	1627	241-921H	Waste Storage Tank
	1628	241-922H	Waste Storage Tank
	1629	241-923H	Waste Storage Tank
	1630	241-924H	Waste Storage Tank
	1631	241-929H	Waste Storage Tank
	1615	241-92H	Storage and Supply Building
	1632	241-930H	Waste Storage Tank
	1633	241-931H	Waste Storage Tank
	1634	241-932H	Waste Storage Tank
	1635	241-935H	Waste Storage Tank
	1636	241-936H	Waste Storage Tank
	1637	241-937H	Waste Storage Tank
	1638	241-938H	Waste Storage Tank
	1639	241-939H	Waste Storage Tank
	1640	241-940H	Waste Storage Tank
	1641	241-941H	Waste Storage Tank
	1642	241-942H	Waste Storage Tank

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K.1: D&D Facilities to be Decommissioned

Area	SRS Index Number	Number	D&D Facility to be Decommissioned
	1643	241-943H	Waste Storage Tank
	1644	241-948H	Waste Storage Tank
	1645	241-949H	Waste Storage Tank
	1646	241-950H	Waste Storage Tank
	1647	241-951H	Waste Storage Tank
	1616	241-96H	Filter/Stripper Building
	1617	241-98H	Chemical Addition Portable Building
	1618	241-99H	Chemical Addition Portable Building
	2229	241-H	Waste Storage Tanks 9-16 (HDB-1)
	1648	242-11H	Service Building for 3H Evaporator
	1649	242-16H	2H Evaporator
	1650	242-18H	CTS - H-Area
	1651	242-1H	1H Control Room Building
	1652	242-24H	Office/Lunch Room Building
	1653	242-25H	3H Evaporator Connected with 242-11H Service Building
	1654	242-9H	Electrical Control Room/PVS HEPA Building
	1655	242-H	1H Evaporator
	1656	244-1H	RBOF Storage Building
	1657	244-H	Receiving Basin for Off-Site Fuel
	1658	245-1H	Parking Area/Regeneration Activities
	1659	245-H	Resin Regeneration Building
	1660	251-H	Primary Substation (High Voltage 115 KV)
	1661	252-22H	Transformer
	1662	253-H	Radiological Monitoring Equipment Shop

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Revision 0 Appendix K for Fiscal Year 2019

K.1: D&D Facilities to be Decommissioned

Area	SRS Index Number	Number	D&D Facility to be Decommissioned
	1663	254-16H	Diesel Generator for 241-2H
	1664	254-19H	Diesel Generator Building for Canyon Exhaust
	1665	254-5H	Diesel House
	1667	262-H	CIF Tank Farm
	1668	280-1H	Basin
	1669	281-10H	Filter and Deionizer Facility
	1670	281-13H	Cooling Water Monitor House
	1671	281-14H	Cooling Water Monitor House
	1672	281-15H	Cooling Water Monitor House
	1673	281-16H	Cooling Water Monitor House
	1674	281-17H	Cooling Water Monitor House
	1675	281-18H	Cooling Water Monitor House
	1676	281-1H	Return Water Delaying Basin
	1677	281-2H	Return Water Delaying Basin
	1678	281-4H	Monitoring House
	1679	281-5H	Segregated Water Delaying Basin
	1680	281-6H	Monitoring House
	1681	281-8H	Storage Basin, 4 Million Gallon, Lined
	1682	282-H	Reservoir and Pump House
	1684	284-7H	Maintenance Laydown Building
	1685	284-H	Powerhouse
	1686	285-10H	Cooling Towers and Chemical Addition Building
	1687	285-H	Cooling Tower
	1688	291-H	Canyon Stack

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K.1: D&D Facilities to be Decommissioned

Area	SRS Index Number	Number	D&D Facility to be Decommissioned
	1689	292-1H	Vessel Vent Fan House
	1690	292-2H	Fan House Building
	1691	292-3H	Stack Monitoring Equipment Building
	1692	292-H	Canyon Exhaust Fan House
	1693	294-1H	Additional Canyon Sand Filter
	1694	294-H	Canyon Exhaust Filters
	1695	299-2H	Air Compressor Building
	1696	299-4H	Storage and Supply Building
	1697	299-5H	Crane Shelter
	1698	299-H	Maintenance Facility
	1699	607-20H	Chemical Feed Facility
	1700	607-24H	Lift Station
	1701	607-33H	Solvent Tank
	1702	607-34H	Solvent Tank
	1703	607-35H	Solvent Tank
	1704	607-36H	Solvent Tank
	1705	607-40H	H-Area Pump Station for Wastewater Treatment Facility
	1706	701-15H	Guardhouse
	1707	701-19H	South Gate Guard Shack
	1708	701-1H	Patrol Headquarters
	1709	701-20H	West Badge House
	1710	701-23H	GATE "Q" ECF
	1711	701-34H	Entry Control Facility (For HTF Area)
	1713	702-H	Telephone Exchange Building

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K.1: D&D Facilities to be Decommissioned

Area	SRS Index Number	Number	D&D Facility to be Decommissioned
	1714	703-H	Office Building
	1715	704-2H	Administration Building
	1716	704-55H	Construction Administration Office
	1717	704-56H	Office Building
	1718	704-H	Area Administration and Services Building
	1719	705-H	Training Building
	1720	706-H	Office Building
	1721	707-H	Office Building
	1722	719-H	Medical Facility
	1724	724-H	Office, Shop, and Storage Building
	1725	766-H	SRS Central Training Facility
	1726	772-H	Pre-Fabricated Building
	1728	902-3H	Fire Water Pump House
	1729	905-87H	Deepwell
K Area			
	1733		K-Area Complex
	1730	105-13K	Heavy Water Storage Facility
	1731	105-1K	No. 1 & 4 Basin Deionizers (POR) Pad Facility
	1732	105-3K	Disassembly Basin Filtration Facility
	1734	107-K	Cooling Water Effluent Sump
	1735	108-1K	Engine House
	1736	108-2K	Engine House
	1737	151-1K	Primary Substation (High Volt 115/13.8)
	1738	151-2K	Primary Substation (High Volt 115/13.8)

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Revision 0 Appendix K for Fiscal Year 2019

K.1: D&D Facilities to be Decommissioned

Area	SRS Index Number	Number	D&D Facility to be Decommissioned
	1739	183-2K	Filter and Softener Plant
	1740	183-3K	Diesel Generator Control Building
	1742	184-2K	Shelter for Diesel Fuel Oil Storage Tank No. 1
	1743	184-K	Powerhouse
	1747	186-K	Cooling Water Reservoir
	1748	190-K	Cooling Water Pump House
	1749	192-2K	Pumphouse - Reactor Fire Water System
	1750	192-K	Pumphouse - Domestic and Fire Water System
	1751	607-18K	Chemical Feed Building
	1754	701-1K	Area Gatehouse & Patrol Headquarters
	1755	701-2K	Gatehouse Entrance at Building 105
	1756	702-K	Telephone Exchange Building
	1757	704-K	Area Administrative and Services Building
	1758	705-K	Administrative Office Facility
	1759	711-K	Maintenance Material Storage Building
	1760	717-16K	Lumber Storage Shed
	1761	717-K	Video - Safeguards Maintenance Facility
	2241	904-88G	K-Area Containment Basin and Associated Purge Field
	1763	915-K	Domestic Water Elevated Storage Tank
L Area			
	1766		L-Area Complex
	1787		Area Administrative and Services Building
	1764	105-10L	L Reactor Disassembly Basin Deionizer System
	1765	105-9L	Settler Tank and Filters Area

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K.1: D&D Facilities to be Decommissioned

Area	SRS Index Number	Number	D&D Facility to be Decommissioned
	1767	107-L	Cooling Water Effluent Sump
	1768	108-1L	Engine House
	1769	108-2L	Engine House
	1772	151-1L	Primary Substation (High Volt 115/13.8)
	1773	151-2L	Primary Substation (High Volt 115/13.8)
	1774	152-7L	Generator Room
	1775	183-2L	Filter and Softener Plant
	1778	184-6L	Storage Building
	1782	607-19L	Chemical Storage Building
	1784	701-1L	Area Gatehouse & Patrol Headquarters
	1785	701-2L	Gatehouse Entrance at Building 105
	1786	702-L	Telephone Exchange Building
	1792	723-4L	SWP Clothing Building
	1793	723-L	Contaminated Laundry Storage Building
M Area			
	1796	315-M	Essential Materials Warehouse [1]
	1802	323-M	MCC for Groundwater Treatment
	1817	782-1M	Pump House
N Area			
	1820	607-84N	Treatment Facility
	1821	623-27N	SRS Central Climatology Data Station
	1822	645-1N	Administration Building
	1823	645-2N	Interim Storage Facility
	1824	645-4N	Solid and Hazardous Waste Storage Building

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K.1: D&D Facilities to be Decommissioned

Area	SRS Index Number	Number	D&D Facility to be Decommissioned
	1825	645-N	Storage Facility for Non-Radioactive Hazardous Waste
	1826	652-12N	SEC Trans Substation
	1827	681-17N	Pump House
	1828	690-N	Process Heat Exchanger Repair Facility (aka Ford Building)
	1829	704-1N	SRQA Building, C/S
	1831	704-3N	C/S CAB Building
	1832	704-4N	Miller Dunn Electric Building
	1833	704-N	Construction Administration Building
	1834	705-N	Administration Building
	1835	706-3N	Heavy Equipment Storage Shed
	1836	706-N	Administration Building
	1837	710-10N	Cable Shed
	1838	710-12N	Tire Storage Canopy
	1839	710-14N	Equipment Shed
	1840	710-15N	Storage Shed
	1841	710-17N	Flammable Storage
	1842	710-2N	Storage Building
	1843	710-4N	Hazardous Waste Storage
	1844	710-6N	HE Oil Storage Building
	1845	710-7N	Storage Shed
	1846	710-9N	Machine and M.W. Oil Storage
	1848	711-1N	Pipe, NPC Office - Electrical Shop
	1849	711-2N	Special Projects - Addition
	2228	711-4N	Lead Melter

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[2] FDEs with regulatory concurrence on the use of the EE/CA Model; however decommissioning has been delayed.
[3] Building 735-A includes the footprint of Building 735-6A, Sample Storage Building, equipment and pad.
[4] This listing includes all Saltstone Disposal Units (SDUs) that are associated with the Saltstone Disposal Facility.

Revision 0 Appendix K for Fiscal Year 2019

K.1: D&D Facilities to be Decommissioned

Area	SRS Index Number	Number	D&D Facility to be Decommissioned
	1851	711-5N	Plumbing Maintenance Area
	1852	711-6N	X-Ray
	1853	711-9N	Mechanical Shop
	1854	711-N	Pipe and Mechanical Shop
	1855	713-1N	A Warehouse, CMR, ISC Control #31
	1856	713-2N	Double Bay Warehouse for S Area
	1857	713-3N	Warehouse for S-Area
	1858	713-N	B Warehouse, C/S
	1859	714-2N	Spare Equipment Storage
	1860	714-5N	Reactor Component Storage
	1862	714-7N	Separations Process Storage
	1863	714-N	Storage Building
	1864	715-2N	Bulk Frit Facility
	1865	716-1N	New Steam Cleaning
	1866	716-4N	Heavy Equipment Wash Area
	1867	716-N	Garage, SVC Station, Compressor House
	1868	717-10N	Warehouse and Insulation Shop
	1871	717-13N	Construction Env Staging Building
	1872	717-15N	Reclaiming Building
	1873	717-1N	Boilermaker Shop
	1874	717-21N	Small Tool Repair Shop
	1875	717-3N	Sheet Metal Shop
	1876	717-5N	PTL, INST, QA and Warehouse
	1877	717-8N	Carpenter Shop and Office

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Revision 0 Appendix K for Fiscal Year 2019

K.1: D&D Facilities to be Decommissioned

Area	SRS Index Number	Number	D&D Facility to be Decommissioned
	1878	717-9N	Layout, T&I Offices, Weld Test
	1879	717-N	SIW Shop
	1880	719-5N	Construction Employment Building
	1881	719-N	Property Management
	1882	722-N	E&I Shop
	1883	725-1N	A Sandblast Shed
	1884	725-2N	Paint Shed
	1885	725-N	Paint
	1886	726-1N	Coal Sampling Facility
	1887	728-N	Cask Repair Facility
	1888	730-N	Furniture Storage Warehouse
	1889	731-1N	Receiving Facility - Material Receiving and Storage Facility
	1890	731-2N	Bulk Storage Warehouse - Material Management Receiving and Storage Facility
	1891	731-3N	Spare Parts Warehouse - Material Management, Receiving, and Storage Facility
	1892	731-4N	General Stores Warehouse
	1893	731-5N	Flammable Material Storage
	1894	731-6N	Compressed Gas Storage
	1895	731-N	Asset Support Group Building
	1896	741-1N	PCB Storage Facility
	1897	741-2N	Used Drum and Battery Storage
	1898	741-N	Salvage and Reclamation Building
	1900	763-52N	Storage Building
P Area			
	1919	702-P	Telephone Exchange Building

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Revision 0 Appendix K for Fiscal Year 2019

K.1: D&D Facilities to be Decommissioned

Area	SRS Index Number	Number	D&D Facility to be Decommissioned
S Area			
	1932	210-S	Service Building
	1933	221-S	Vitrification Building
	1934	250-1S	Spare Equipment Storage Building
	1935	250-2S	Portable Storage Building
	1936	250-S	Glass Waste Storage Building
	2231	251-S	Glass Waste Storage Building #2 (GWSB #2)
	1937	260-S	Crane Control Building
	1938	291-S	Vent Exhaust Stack
	1939	292-S	Fan House
	1940	294-S	Sand Filter
	1941	422-2S	Bulk Frit Facility
	1942	422-S	Cold Feed Storage
	1943	430-1S	REF Organic Recovery Unit
	1944	430-S	Organic Waste Storage Facility
	1945	511-1S	Low Point Pump Pit HVAC
	1946	511-2S	Instrument Shelter Building
	1947	511-S	Low Point Pump Pit
	1948	512-1S	Latewash Facility HVAC Building
	1949	512-6S	Latewash Laboratory
	1950	512-7S	Latewash Cold Chemical Feed Shelter
	1951	512-S	Latewash Facility
	1952	607-S	S-Area Pump Station for Wastewater Treatment Facility
	1953	701-S	Entry Control Facility

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Revision 0 Appendix K for Fiscal Year 2019

K.1: D&D Facilities to be Decommissioned

Area	SRS Index Number	Number	D&D Facility to be Decommissioned
	1954	702-S	Telephone Building
	1955	704-106S	Cylinder Storage Shelter
	1956	704-71S	TC-S1 Administration Building
	1957	704-72S	TC-S2 Receiving Stores
	1958	704-S	Operations Building
	1959	706-S	Distributive Control Staging Building
	1960	707-S	Maintenance Shop
	1961	714-S	Spare Parts Building
	1963	717-11S	TC-S3 Pipe Shop
	1964	717-12S	TC-S5 Electrical Shop
	1966	717-S	Office Building and Maintenance Shop
	1967	831-10S	Chemical Storage Building
	1968	831-3S	Swirl Cell Facility
	1969	831-S	Swirl Cell Facility
	1970	951-S	Primary Substation
	1971	952-7S	Transformer 952-7S
	1972	956-S	Fuel Oil Storage
	1973	980-1S	Neutralized Fire Water Tank
	1974	980-S	Water and Chemical Waste Treatment Facility
	1975	981-1S	Chemical Treatment Facility
	1976	981-S	Cooling Tower
T Area			
	1979	678-5T	Semiworks Waste Tank Mock-Up
	2155	678-6T	Waste Tank Mock-Up Retention Basin

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Revision 0 Appendix K for Fiscal Year 2019

K.1: D&D Facilities to be Decommissioned

Area	SRS Index Number	Number	D&D Facility to be Decommissioned
	2156	678-7T	Storage Building
	2161	679-4T	Drum Shelter
	2002	702-T	Telecommunication Building
Z Area			
	2004	201-Z	SSHT/FWRT Pits and Pad
	2005	205-1Z	Flyash Silo #1
	2006	205-2Z	Flyash Silo #2
	2007	205-3Z	Flyash Silo #3
	2008	205-4Z	Cement Silo
	2009	205-7Z	Unloading Shed
	2010	205-8Z	Unloading Office
	2011	210-Z	Process
	2271	451-Z	Saltstone Disposal Facility [4]
	2014	704-Z	Saltstone Operations Building
	2015	901-Z	Fire Water Pump House
	2016	951-Z	Electrical Substation
	2017	980-Z	Domestic Water Tank

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Revision 0 Appendix K for Fiscal Year 2019

K.2: D&D Facilities (or remnants) that Require No Further Evaluation

Area	SRS Index Number	Number	D&D Facilities (or remnants) that Require No Further Evaluation
A Area			
	1001	607-16A	Chemical Feed Facility
	1003	607-1A	Sewage Treatment Plant
	1004	701-12A	Security South Entry Control
	1005	701-13A	Guardhouse at Employment Road
	2208	701-2A	Gatehouse, Receiving Area
	2207	701-3A	Gatehouse, Road D
	1021	706-A	Field Office for DOE
	1022	707-A	Janitorial Subcontract Office
	1023	708-A	Cafeteria
	1024	709-A	Fire Station No. 1
	1025	710-A	Warehouse Building (East of 714-A)
	1028	713-1A	Central Stores Warehouse
	1029	713-2A	Central Stores Storage Building
	1030	713-A	Central Stores Building
	1031	714-A	Spare Machinery Storage
	1036	717-10A	FPEG
	1043	719-4A	CFOD & General Counsel Building
	1044	719-A	Medical and Employment Building
	1046	720-A	Patrol Headquarters
	1047	721-A	Training School and Laboratories Building (Including 721-2A)
	1056	724-16A	Storage Building
	1057	724-2A	T&T Storage Shed
	1058	724-5A	E&I Vehicle Storage Shed
	1059	724-A	E&I-CS- Central Shop Office Complex
	1062	733-1A	Oil Storage Building
	1063	733-A	Flammable Storage House
	1064	734-A	Compressed Gases Storage
	1093	740-8A	Storage Building

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Revision 0 Appendix K for Fiscal Year 2019

K.2: D&D Facilities (or remnants) that Require No Further Evaluation

Area	SRS Index Number	Number	D&D Facilities (or remnants) that Require No Further Evaluation
	1096	743-1A	Vehicle Shed
	1098	745-A	Excess Sales Building
	1107	763-A	Tire Storage Building
C Area			
	1188	607-9C	Air Compressor Building
	1189	614-2C	Effluent Monitoring Building
	1191	701-2C	Gatehouse Entrance at Building 105
D Area			
	2025	403-D	Soil Bioremediation Facility
	1202	411-3D	Fire Fighting Simulator Building (Forextraction Office)
	2227	411-D	Heavy Water Extraction Facility
	1203	412-10D	Tube Bundle Cleaning Shelter
	1204	412-17D	West Substation A
	1205	412-2D	East Substation B
	1206	412-3D	Storage Building
	1207	412-4D	Mask Maintenance Building
	2022	412-6D	Heat Exchanger Maintenance Structure (Elevated Training Tower)
	1208	412-8D	Tube Bundle Inspection
	1209	412-9D	Bolt Storage
	1210	414-D	Storage Building East
	2023	415-1D	Storage Building
	1211	415-D	Storage Building West
	1213	420-3D	Tritium Effluent Monitoring Building
	1216	421-4D	Drum Storage
	2026	421-5D	Loading Dock
	1217	421-6D	Heavy Water Equipment Storage
	1221	480-2D	Maintenance Material Storage
	1238	701-1D	Maintenance Support Administration Building
	1239	701-2D	Gatehouse Railroad Entrance

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Revision 0 Appendix K for Fiscal Year 2019

K.2: D&D Facilities (or remnants) that Require No Further Evaluation

Area	SRS Index Number	Number	D&D Facilities (or remnants) that Require No Further Evaluation
	1240	701-3D	Storage Building
	1242	704-D	Area Administrative Building and First Aid
	1243	707-D	Janitorial Subcontract Office
	1245	711-1D	Storage Building
	1246	711-D	T&T Office and Storage Building
	2029	715-D	Gasoline Station
	1247	717-1D	Storage Area
	2030	717-4D	Storage Area
	1249	717-D	Shops, Stores, and Change House
E Area			
	1271	724-10E	Office/Storage Building
	1272	724-7E	Burial Ground Administration Building
	1273	724-8E	Experimental TRU Waste Assay Building
F Area			
	2035	080-10G	Storage Shelter
	2034	080-9G	Storage Shelter
	1274	211-1F	Control House
	2033	211-5F	Turnover Room and Storage Building
	2032	211-8F	Laundry Storage Building
	1281	221-13F	Control and Alarm Center
	1282	221-14F	Construction Laydown & B25 Storage Building
	1284	221-20F	Compressor Building
	1287	221-25F	Equipment Storage Facility
	1288	221-26F	Storage Building
	1289	221-27F	Separations Planning and Scheduling Building
	1291	221-37F	Construction Change Facility
	2205	247-10F	Deluge Valve House
	2206	247-18F	Cylinder Storage Shed
	1353	247-41F	Warehouse

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K.2: D&D Facilities (or remnants) that Require No Further Evaluation

Area	SRS Index Number	Number	D&D Facilities (or remnants) that Require No Further Evaluation
	1354	247-42F	Warehouse
	1358	249-F	Fabrication Shop
	1365	254-2F	Diesel Generator Facility, 246-F
	1366	254-5F	Diesel House
	1367	254-7F	Diesel Generator
	1369	263-95F	Storage Shed
	1371	280-2F	Chemical Feed Building
	1374	281-25F	Cooling Water Activities Monitoring Building
	1383	284-9F	Storage Building
	2218	285-2F	Fire Protection Deluge Building
	1401	701-1F	Patrol Headquarters
	1402	701-22F	Guardhouse
	1403	701-23F	Guardhouse
	1407	703-F	Separations Support Building
	1409	704-F	Area Administrative and Services Building
	1410	706-F	Project Office Building
	1415	709-1F	Fire Protection Equipment Building
	1416	709-F	Fire Station No. 2
	1421	717-14F	Construction Craft Material Storage Building
	2219	719-F	Regulated Change House for Cooling Tower
	1427	729-F	Respirator Fit Test Trailer
	1434	905-37F	Well, North of 252-7F (Abandoned)
G Area			
	2253	607-10G	Septic Tank and Adjacent Tile Field
	1468	614-59G	Equipment Shed [1]
	1475	614-67G	Equipment Shed [2]
	2245	661-1G	Control Building
	1485	661-2G	Firing Shed
	2246	661-3G	Firing Range Training Facilities (Bear and Roger Ranges)

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K.2: D&D Facilities (or remnants) that Require No Further Evaluation

Area	SRS Index Number	Number	D&D Facilities (or remnants) that Require No Further Evaluation
	2249	661-6G	Ammunition Storage Building
	2250	661-7G	Ammunition Storage Building
	1486	661-G	Patrol Training Building - Rifle and Pistol Range
	1488	681-23G	PAR Pond Chlorine Container Building
	1499	701-18G	Guardhouse at RD 1 and D-1 (Pecan Gate)
	1500	701-2G	Gatehouse, Allendale Entrance
	2204	701-5G	New Ellenton Barricade Guardhouse
	2203	701-6G	Jackson Barricade Guardhouse
	1522	772-10G	Core Storage
	1525	772-8G	Core Storage
	1526	772-9G	Core Storage
	2252	905-118G	Well Pump House
	2251	905-11G	Well Pumping Station
H Area			
	1683	284-10H	Coal Handler Observation Building
	2036	285-1H	Cooling Tower Sprinkler System Valve House
	2037	285-2H	Regulated Change House
K Area			
	1741	183-4K	Clarification Plant (Misc. Services)
	1744	185-3K	Cooling Tower
	1745	185-K	Cooling Tower
	1746	186-1K	Sodium Hypochlorite Tank Storage
	2202	607-19K	De-Cholorination Skid
	2201	607-21K	De-Cholorination Building
	1753	614-2K	Effluent Monitoring Building
	1762	901-1K	Polyphosphate Unloading and Storage Facility
L Area			
	1771	110-L	Helium Storage Tank
	1776	183-3L	Diesel Generator Control Building

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K.2: D&D Facilities (or remnants) that Require No Further Evaluation

Area	SRS Index Number	Number	D&D Facilities (or remnants) that Require No Further Evaluation
	1777	183-4L	Clarification Plant (Misc. Services)
	1779	186-L	Cooling Water Reservoir
	1780	190-L	Cooling Water Pump House
	1781	191-L	Standby Pump House
	1783	614-2L	Effluent Monitoring Building
	2244	709-1L	Storage Facility
	1788	711-L	Maintenance Material Storage Building
	1789	723-1L	Clothing Change Facility
	1790	723-2L	Clothing Change Facility
	1791	723-3L	Clothing Change Facility
M Area			
	1797	316-1M	Chemical Storage Pad
	1810	363-1M	Electrical Storage Building (Formerly MS4)
	1811	363-2M	Electrical Storage Building (Formerly MS5)
	1812	701-1M	Main Gatehouse
	2031	701-3M	M-Area Gatehouse
	1813	701-4M	Harden Entry Control Facility to 321-M
	1814	704-M	Area Administration and Services Building
	1815	710-M	Storage Building
	1816	730-M	Engineering & Training Building
	2024	NBN	Guardhouse M-4
N Area			
	1818	278-2N	Ice House
	1819	607-38N	Chemical Feed Facility
	2254	681-11N	No. 14 Pump House
	1830	704-2N	Concrete Office
	1847	710-N	Excess Storage
	1899	763-106N	Storage Building

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K.2: D&D Facilities (or remnants) that Require No Further Evaluation

Area	SRS Index Number	Number	D&D Facilities (or remnants) that Require No Further Evaluation
P Area			
	1901	105-13P	Heavy Water Storage Facility
	2223	105-6P	Change Facility Deionizer Section
	2221	110-P	Helium Storage Facility
	1906	151-1P	Primary Substation (High Volt 115/13.8)
	1907	151-2P	Primary Substation (High Volt 115/13.8)
	1909	183-2P	Filter and Softener Plant
	1910	183-4P	Clarification Plant (Misc. Services)
	1911	186-1P	Sodium Hypochlorite Tank Storage
	1912	186-P	Cooling Water Reservoir
	1913	190-P	Cooling Water Pump House
	2215	607-1P	Sanitary Lift Station
	1914	607-22P	Chemical Feed Facility
	2216	607-23P	Sewage Treatment Plant
	1915	607-24P	Equalization Basin
	2217	607-7P	Sanitary Treatment Facility
	2224	608-P	RZ Change Facility
	1916	614-2P	Effluent Monitoring Building
	1917	701-1P	Area Gatehouse & Patrol Headquarters
	1918	701-2P	Gatehouse Entrance at Building 105
	1920	704-P	Area Administrative and Services Building
	2214	711-1P	Storage Building
	2213	711-P	Maintenance Material Storage Shed
R Area			
	1926	151-1R	Primary Substation (High Volt 115/13.8)
	1927	151-2R	Primary Substation (High Volt 115/13.8)
	1928	183-1R	Clarification Plant (Cooling Water)
	1929	183-2R	Filter and Softener Plant
	1930	186-R	Cooling Water Reservoir

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K.2: D&D Facilities (or remnants) that Require No Further Evaluation

Area	SRS Index Number	Number	D&D Facilities (or remnants) that Require No Further Evaluation
	1931	190-R	Cooling Water Pump House (Standby)
S Area			
	1962	717-10S	TC-S7 Lab Support Facility (Formerly 717012 N)
	1965	717-3S	Lubrication Storage Building
T Area			
	2042	505-T	Fire Alarm System
	2043	509-T	Environmental Staging Building
	2038	53-T	Security Sign
	2044	603-79T	Roads - CMX - TNX Area
	2045	604-1T	Walks - CMX - TNX Area
	2046	605-1T	Fences - CMX - TNX Area (Fences, Power Poles, and Steam Line)
	2048	607-11T	Septic Tank, Adjacent to 677-G
	2047	607-1T	Septic Tank, Adjacent to 679-T
	2049	607-33T	Sanitary Lift Station
	2050	607-36T	TNX Northern Area Septic Tank
	2051	607-37T	TNX Southern Area Septic Tank
	2052	607-39T	TNX N Area Sanitary Waste Lift Station
	1982	607-40T	TNX Packaged Sanitary Waste Treatment Plant
	1983	607-41T	TNX Sanitary Waste Chemical Feed Building
	2053	607-42T	Sanitary Lift Station
	2054	607-44T	Sanitary Lift Station
	2055	607-45T	Lift Station for 672-T
	2056	613-2T	Parking Lot - CMX Area
	2079	622-10T	Boat Dock Facilities - TNX
	2057	641-1T	Building
	2058	643-5T	Burial Ground/CMX-TNX & Contamin Stor
	1985	652-13T	Secondary Transformer Substation #3, TNX
	2064	652-14T	Secondary Transformer, Substation No. 4, TNX
	2065	652-15T	Secondary Transformer, Substation No. 5, TNX

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	2066	652-18T	Secondary Transformer, Substation No. 6, 675-T - TNX
	2067	652-19T	Secondary Transformer, Substation No. 7, 677-T - TNX
	2059	652-1T	Substation for 679-T
	2068	652-22T	Electrical Substation
	2069	652-24T	Secondary Transformer Substation
	2070	652-25T	Electrical Substation
	2071	652-26T	Substation
	2060	652-2T	Substation for 679-T
	2072	652-32T	Substation
	2073	652-33T	Secondary Transformer for 904-T
	2074	652-34T	75KVA Transformer
	2075	652-35T	75KVA Pad Mounted Transformer for 702-T
	2061	652-3T	Substation for 679-T
	2076	652-45T	75KVA Substation for 702-T
	2062	652-4T	Secondary Transformer, Substation No. 2 TNX
	2063	652-5T	Secondary Transformer, Substation No. 2A
	2078	654-1T	1000KVA Diesel Generator
	2077	654-T	Generator
	2090	663-10T	Building Aluminum #602
	2091	663-11T	CSM 10-2 Pipe (#4543)
	2092	663-12T	Gray's Handi-House (#9173)
	2093	663-13T	Handi-House (#53349)
	2094	663-14T	Robin Building #915 (#10184)
	2095	663-15T	Handi-House #962
	2096	663-16T	Handi-House
	2097	663-17T	Handi-House
	2098	663-18T	Handi-House
	2099	663-19T	Handi-House
	2081	663-1T	Building Aluminum #201

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[2] Building 614-67G, Equipment Shed, included ancillary Building 614-34G, Air Monitor Station.

Revision 0 Appendix K for Fiscal Year 2019

K.2: D&D Facilities (or remnants) that Require No Further Evaluation

Area	SRS Index Number	Number	D&D Facilities (or remnants) that Require No Further Evaluation
	2100	663-20T	Handi-House #178 LS2
	2101	663-21T	Handi-House #168 CS2
	2102	663-22T	Handi-House #301 CS2
	2103	663-23T	Handi-House #309 CS1
	2104	663-24T	Handi-House IS1
	2105	663-25T	Handi-House IS2 068
	2106	663-26T	Handi-House #882 CS2
	2107	663-27T	Handi-House #325 LS3
	2108	663-28T	Handi-House #345
	2109	663-29T	Handi-House #391 MWS1
	2082	663-2T	Building Aluminum #364
	2110	663-30T	Handi-House #512 SMS1
	2111	663-31T	Handi-House #313
	2112	663-32T	Handi-House #615 LO11
	2113	663-33T	Handi-House #431
	2114	663-34T	Handi-House PS1
	2115	663-35T	Handi-House PS2
	2116	663-36T	Handi-House PS3
	2117	663-37T	Handi-House ES1
	2118	663-38T	Handi-House
	2119	663-39T	Handi-House
	2083	663-3T	Building Aluminum #442
	2120	663-40T	Handi-House
	2121	663-41T	Handi-House
	2122	663-42T	Handi-House
	2084	663-4T	Building Aluminum #528 (#4073)
	2085	663-5T	Building Aluminum #433
	2086	663-6T	Building Aluminum #323
	2087	663-7T	Building Aluminum #598

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Revision 0 Appendix K for Fiscal Year 2019

K.2: D&D Facilities (or remnants) that Require No Further Evaluation

Area	SRS Index Number	Number	D&D Facilities (or remnants) that Require No Further Evaluation
	2088	663-8T	Building Aluminum #727 (#4079)
	2089	663-9T	Building Aluminum #375
	2080	663-T	Building Aluminum #816 (#4088)
	2123	668-T	TNX Construction Administration Building
	2124	669-T	Construction Storage & Work Station
	2125	670-T	Pilot Plan/Robotics Bldg
	2126	671-1T	Storage Shed
	2019	672-1T	Cooling Tower
	2127	673-1T	Gas Cylinder Shed
	2128	674-1T	Storage Building
	2129	674-2T	DWPF Canister Storage Facility
	1988	674-T	Chemical Storage Building,TNX
	2130	675-1T	Backup Gener Power Station/Glass Melter
	2140	676-10T	Mobile Office
	2141	676-11T	Mobile Office
	2142	676-12T	Mobile Office
	2143	676-13T	Storage Building
	2144	676-14T	Modular Office
	2145	676-15T	Modular Office
	2146	676-16T	Portable Computer Room
	2132	676-1T	Temporary Office Annex #1, TNX (Leased)
	2133	676-2T	Temporary Office Annex #2, TNX (Leased)
	2134	676-3T	Temporary Office Annex #3, TNX
	2135	676-4T	Mobile Office
	2136	676-6T	Mobile Office
	2137	676-7T	Mobile Office
	2138	676-8T	Mobile Office
	2139	676-9T	Mobile Office
	2131	676-T	Office Facilities

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Revision 0 Appendix K for Fiscal Year 2019

K.2: D&D Facilities (or remnants) that Require No Further Evaluation

Area	SRS Index Number	Number	D&D Facilities (or remnants) that Require No Further Evaluation
	2147	677-1T	Material Storage Bldg #1
	2148	677-2T	Material Storage Bldg #2
	2149	677-3T	TNX Personnel & Visitor Shelter
	2150	677-4T	Storage Building
	2151	678-1T	Modular Office
	2152	678-2T	No Building Name Provided
	2153	678-3T	Drum Storage Area
	2157	678-8T	Office Trailer
	2165	679-10T	Modular Office
	2166	679-11T	Project Storage Shed
	2158	679-1T	Emergency Equipment Station
	2159	679-2T	Solvent Storage Shed
	2160	679-3T	Chlorine Storage Shed
	2162	679-5T	Fire Foam Engine House
	2163	679-6T	West Fire Pump House
	2020	679-7T	Water Services Chemical Addition Building
	2164	679-9T	Backwash Surge Basin for 679-T
	2167	680-T	pH Control Facilities for TNX
	2021	681-4T	River Pump House
	2168	681-T	Sep. Support Building
	2169	682-1T	Storage Pad
	2170	683-T	E4 Evaporator
	1992	684-T	Solvent Storage Building
	2171	692-1T	Analyzer House
	1993	692-T	ECR/ICR Building
	2172	694-1T	Pipe Laydown Area
	1994	694-2T	Carpenter Shop
	1995	694-T	Construction Building
	2173	697-T	Site Work and General Grading

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Area	SRS Index Number	Number	D&D Facilities (or remnants) that Require No Further Evaluation
	2174	698-T	Landscaping
	2175	699-T	Extra Machinery (For Accounting Purposes Only)
	2176	701-1T	Old Guard Gatehouse Buried Under Present Sidewalks
	1996	704-1T	TNX Administration Building Annex
	2177	704-2T	CSM7-28 Office
	2178	704-3T	Office Trailer
	2179	704-4T	Modular Office (#4085)
	2180	704-5T	Modular Office (#4087)
	2181	704-6T	Toilet Trailer
	1997	704-8T	Bechtel Office Building
	2182	704-9T	Rest Room
	1998	704-T	TNX Area Administration Building.
	1999	711-T	Mechanical Services Building TNX
	2184	717-1T	Welding Rod Storage Building
	2185	717-2T	Maintenance Shop
	2039	740-1T	Storage Building
	2186	772-1T	Satellite Waste Storage Pad
	2000	772-T	Consolidated Laboratory
	2187	782-T	Recirculation Well
	2189	787-2T	Lawn Sprinkler System - TNX
	2188	787-T	Hydropneumatic Tank
	2040	80-10T	Waste Tank Simulation (TNX)
	2041	80-14T	CMX-TNX Equipment Storage Pad
	2190	803-T	Air Lines
	2191	805-T	Process Water Lines
	2192	901-T	Water Lines
	2193	902-T	Fire Water Lines
	2194	903-T	Sanitary Sewers
	2196	904-10T	Well

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Revision 0 Appendix K for Fiscal Year 2019

K.2: D&D Facilities (or remnants) that Require No Further Evaluation

Area	SRS Index Number	Number	D&D Facilities (or remnants) that Require No Further Evaluation
	2195	904-1T	Tank Pad
	2200	905-102T	Domestic Water Well for Navy Test Area
	2197	905-13T	Domestic Water Well @ CMX (Abandoned)
	2198	905-96T	Domestic Water Well CMX-TNX
	2199	905-97T	Domestic Water Well CMX-TNX

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APPENDIX L: STATEMENTS OF DISPUTE RESOLUTION

2019 Suspension Agreement
Federal Facility Agreement (FFA) High Level Waste (HLW) Tank Milestones

A. Background

The Federal Facility Agreement (FFA) Appendix L Statement of Dispute Resolution entered into on November 2007, documented the result of a dispute resolution and established certain waste tank systems removal plans and schedules. In November 2017, the Parties entered into an agreement to partially suspend this schedule ("Suspension Agreement") in recognition of best available information, knowledge, and assumptions applicable at the time. In keeping with the 11/8/2017 Suspension Agreement, the Parties met on September 26, 2018; February 11, 2019; February 21, 2019; and March 20, 2019. The discussions covered the status of the delay in awarding a new liquid waste contract, budget issues, and the Liquid Waste System Plan Revision 21. Furthermore, the discussions addressed substantial programmatic issues as well as necessary adjustments that had been or will be made by U.S. Department of Energy (DOE) to the Liquid Waste Program including but not limited to the following issues:

1. Programmatic changes in the Savannah River Site (SRS) liquid waste services requirements, which led to the cancelation of the liquid waste services solicitation for a new operations contractor
2. Startup of the Salt Waste Processing Facility currently anticipated to begin hot commissioning by Dec. 31, 2019
3. Significant system outages (e.g., 2F Evaporator failure [2012], 3H Evaporator failure [2016]), Defense Waste Processing Facility [DWPF] Melter failure (2017) and replacement and maintenance, and several Actinide Removal Process/Modular CSSX Unit coalescer replacements (2018)
4. Tank waste issues (e.g., rheology, corrosion control, closure durations, chemical cleaning mixing pumps, tank farm aging Infrastructure)
5. New nuclear safety requirements regarding hydrogen generation rates within the tank systems.

B. Purpose

In consideration of these issues, the objectives of this Agreement are to:

1. Replace the 11/8/2017 Suspension Agreement,
2. Pursue a comprehensive plan and schedule for the removal of tank waste systems from service at the SRS,
3. Further all Parties' shared interest in continuing risk reduction efforts,
4. Continue to communicate the extent DOE has sought and received funding sufficient to support the terms of this Agreement.

C. Terms

The undersigned agree to the following:

1. Suspend Appendix L milestones (Items #6 - #8 and #12 - #15)
2. DOE will remain committed to the near-term focus on waste removal from high risk Type I and II tanks.
3. DOE will continue to accelerate F Tank Farm operational closure.
4. DOE will perform the following activities to support closure of the Liquid Waste Tank Farms. These will be incorporated into the FFA Appendices D and E, as appropriate.
    a. Supporting projects include:

Project	Milestone
F-Tank Farm (FTF) Deactivation Plan	6/30/2020
Demonstration of Ancillary Structure Closure (FDB-5 and FDB-6)	Operational Closure – 12/31/2022
	Submittal of an Explanation of Significant Difference to the F-Area Tank Farm, Tanks 17 & 20 Record of Decision or Interim ROD (as appropriate)
FTF OU ROD Acceleration	Record of Decision – 1/2040 Remedial Action Start – 4/2041
Support Tank Closure Cesium Removal	Water addition to Tank 9H to begin salt dissolution – 9/30/2020

5. DOE will accelerate other environmental project work as described below. The revised dates will be incorporated into the FFA Appendix D and E, as appropriate.
    a. Supporting projects include:

Project	Milestone
D-Area Groundwater Operable Unit (NBN)	Treatability Study Field Start – 1/31/2020 Treatability Study Data Report Submittal – 1/31/2021
	Action Memorandum Submittal – 5/31/2019 Removal Action Start – 4/30/2020
690-N, Process Heat Exchanger Repair Facility (aka Ford Building) Partial Decommissioning	Submit Decommissioning Project Final Report – 6/30/2021

6. Any future changes to milestone dates will be done in accordance with Section XXXI, "Extensions," of the FFA, without requiring further modification of this Suspension Agreement or Appendix L of the FFA.
7. The Parties will act in good faith to:
    a. Update the comprehensive plan and schedule pursuant to FFA Section IX.E.1. If any party determines the provisions of this section of the agreement (C.7) are not being accomplished in good faith, an FFA request for DOE to submit a plan(s) and schedule(s) for review and approval may be sought as provided under FFA Section IX.E.1.
    b. Initiate discussion for the negotiation of Appendix L milestones (Items #6 - #8 and #12 - #15) within 30 days of DOE issuing a notice to proceed for a new contract that includes the Liquid Waste Program scope with an expectation of the parties to complete the negotiation by 9/30/2022.
    c. Provide informal updates during the existing Liquid Waste Program quarterly meetings performed in accordance with the November 2007 Statement of Resolution of Dispute Section 9b.
    d. Transfer beneficial activities from previous agreements under Appendix L of the FFA into the updated comprehensive plan and schedule discussed in paragraph 7(a) above.
    e. Issue an FFA modification with the comprehensive plan and schedule to the parties for signatures and to be incorporated into the FFA.

James L Folk — 4/8/2019

Mr. James Folk, Assistant Manager, Waste Disposition, U.S. Department of Energy — Date

4-10-2019

Mr. Henry Porter, Chief Bureau of Land and Waste Management S.C. Dept. of Health & Environmental Control — Date

4/14/2019

Mr. Franklin Hill, EPA Region 4 Director, Superfund Division — Date

2018 Update to the
Statement of Resolution of Dispute Concerning
Extension of Closure Dates for Savannah River Site
High-Level Radioactive Waste Tanks 19 and 18 (signed 11/19/07)

Reference: 2017 Update to the Statement of Resolution of Dispute Concerning Extension of Closure Dates for Savannah River Site High-Level Radioactive Waste Tanks 19 and 18 (signed 11/19/07)

The DOE submitted an "Extension Request for Completion of Bulk Waste Removal Efforts for One Tank by 8/31/18 (SEMS Number: 89)" (WDPD-18-34, dated July 19, 2018). Based on follow-up communication on July 31, 2018 and August 1, 2018, the DOE agreed to modify the proposed extension request to include a milestone in Fiscal Year 2019 for the restart of bulk waste removal efforts (BWRE) at Tank 10H. Based on this communication, SCDHEC and EPA approved the extension request on August 2, 2018. Therefore, the updated Appendix L, Item 5 (see reference) is modified to read "DOE shall complete bulk waste removal efforts for one tank (Tank 15H) by 10/31/17, restart BWRE activities (i.e., water addition) in Tank 10H by 1/31/19, and complete bulk waste removal efforts for Tank 10H by 11/30/19."

2018 Update to the
Suspension Agreement Federal Facility Agreement (FFA)
High-Level Waste (HLW) Tank Milestones (signed 11/2017)

Based on discussions and agreements among the U. S. Department of Energy, South Carolina Department of Health and Environmental Control, and U. S. Environmental Protection Agency personnel, the current non-time critical removal action (i.e., injection wells, canal treatment with $CaCO_3$) milestones associated with the D-Area Groundwater Operable Unit will be replaced by milestones associated with a treatability study. The current removal action milestones and proposed Treatability Study milestones are listed below.

Current Removal Action Milestones

- D-Area Groundwater Operable Unit (NBN) Revision 0 Removal Site Evaluation Report/Engineering Evaluation/Cost Analysis Submittal - July 31, 2018

- D-Area Groundwater Operable Unit (NBN) Action Memorandum Submittal - January 31, 2019

- D-Area Groundwater Operable Unit (NBN) Removal Action Start - January 31, 2020

Proposed Treatability Study Milestones

- D-Area Groundwater Operable Unit (NBN) Revision 0 Treatability Study Work Plan Submittal - July 31, 2018

- D-Area Groundwater Operable Unit (NBN) Treatability Study Field Start - January 31, 2020

- D-Area Groundwater Operable Unit (NBN) Revision 0 Treatability Study Data Report Submittal - January 31, 2021

Upon receipt of the three Party signed Federal Facility Agreement (FFA) modification, the removal action milestone dates will be removed and the Treatability Study milestone dates will be incorporated into the FFA Appendices D and E, as appropriate.

Any future changes to the milestone dates for the D-Area Groundwater Treatability Study or for the non-time critical removal action for the D-Area Coal Storage Area (484-17D) soil neutralization will be effected in accordance with Section XXXI, “Extensions,” of the FFA, without requiring further modification of this Suspension Agreement or Appendix L of the FFA.

Suspension Agreement
Federal Facility Agreement (FFA) High-Level Waste (HLW) Tank Milestones

The three parties agree to a suspension of the FFA Appendix L items #6, #7 and #12 associated with completion of Bulk Waste Removal Efforts (BWRE) and Operational Closure. This suspension is entered into for the purpose of allowing time to negotiate a comprehensively revised set of HLW Program Milestones as outlined below. This suspension does not include item #5 of Appendix L as modified in the "2017 Update to the Statement of Resolution of Dispute Concerning Extension of Closure Dates for Savannah River Site High-Level Radioactive Waste Tanks 19 and 18 (signed 11/19/07)."

Our agencies previously agreed to hold two meetings between April 1 and August 31, 2017 to discuss the two FFA milestones due in fiscal year 2017. These meetings were held on May 16 and August 15. Follow-up discussions were held on September 6 and 8.

The FFA Appendix L BWRE and operational closure milestones were established in November 2007 based on best available information, knowledge, and assumptions applicable then. As discussed, substantial programmatic issues have arisen and adjustments have been or will be made to the Liquid Waste Program because of:

- New Liquid Waste Program Contract Pending Award with an emphasis directed toward enhanced salt waste processing
- Salt Waste Processing Facility (SWPF) construction completed (4/29/2016) with start-up testing well underway including tie-in with existing Liquid Waste infrastructure (e.g., waste transfer line, DWPF, and Tank 49 modifications)
- DOE EM-1 45-Day Review Initiative Action Plan
- Significant System Outages (e.g., 2F Evaporator failure (2012) and 3H Evaporator failure (2016), Defense Waste Processing Facility (DWPF) Melter failure (2017) and replacement and maintenance)
- Tank Waste issues (e.g. rheology, corrosion control, closure durations, chemical cleaning, mixing pumps, tank farm aging infrastructure)
- New Nuclear Safety Requirements

During our discussions, we have also considered our mutual interest to renegotiate all of the remaining Appendix L BWRE and operational closure milestones (Appendix L items #6-8 and #12-15) while furthering our shared interest in continuing risk reduction efforts. DOE will support this common goal of risk reduction by accelerating two Soil and Groundwater projects in D-Area. To achieve this, the undersigned agree to the following:

- A suspension of Appendix L milestones (items #6, #7, and #12), with agreement to work pursuant to the attached Schedule to identify and implement a revised FFA plan and schedule established pursuant to FFA Section IX.E(1).
- Acceleration of two cleanup activities, D-Area Groundwater Removal Action to remediate acidic groundwater using a carbonate reactive substrate and D-Area Coal Storage Yard (484-17D) cleanup. These new milestones will be incorporated into Appendices D and E of the FFA as appropriate.

Project	Rev.0 EE/CA	Submit Final Action Memo	Removal Action Start
D-Area GW (injection wells, canal treatment w/ $CaCO_3$)	7/2018	1/2019	1/2020
D-Area GW - 484-17D coal yard soil neutralization (no D&D)	9/2018	3/2019	4/2020

- Maintain a good faith effort to advance the SRS Liquid Waste Program with the following goals during negotiation:
  - Near term focus on waste removal from high risk H-Area Type I and II tanks
  - Near term partial turnover of F Tank Farm to Area Closure with incorporation of dates into FFA Appendix E, once established
  - Acceleration of F-Area Tank operational closure
  - Accelerated completion in advance of Liquid Waste System Plan Revision 20 milestones
  - EM funding requests to support acceleration schedule

All parties will act in good faith to accomplish the provisions of the Suspension Agreement. If DOE does not maintain a good faith effort to advance the liquid waste program as stated above, or the parties, acting in good faith, do not establish a mutually agreeable comprehensively revised set of HLW milestones for Appendix L items #6-8 and #12-15 by May 30, 2019, the suspension of time for completion of activities in Appendix L items #6, #7, and #12 may be terminated by any party in writing upon 10 days of notice. Upon termination for either of these reasons, the parties will revert to their respective positions as of November 15, 2017, with all obligations and rights available to the parties as if there had been no Suspension Agreement.

Upon reaching agreement for the comprehensive milestones by or before May 30, 2019, an FFA modification will be submitted to the parties for signature and incorporation into the FFA.

James L. Folk — 11/6/2017

Mr. James L. Folk, USDOE
Savannah River Operations Office
Assistant Manager Waste Disposition
FFA DRC Member

Daphne D. Neel — 11/6/17

Ms. Daphne G. Neel, SCDHEC
Chief, Bureau of Land and Waste Management
FFA DRC Member

11/8/17

Mr. Franklin Hill, EPA Region 4
Director, Superfund Division
FFA DRC Member

Date

Suspension Schedule

(Assumes SRS Liquid Waste Contract Awarded in early October 2017)

Regulatory Meeting (new contract status and strategy)*	30 days after Contract Notice to Proceed
Regulatory Meeting (contract baseline status and strategy)*	NLT September 30, 2018
Submittal of Liquid Waste System Plan	February 1, 2019
Regulatory Meeting (System Plan and Baseline Presentation)*	February 15, 2019
Regulatory Negotiation First Meeting	March 1, 2019
Regulatory Negotiation Second Meeting – develop draft modification of Appendix L	March 30, 2019
Draft FFA Major Modification – Community Involvement	April 14, 2019
Regulatory Settlement Meeting to finalize tank milestones – sign FFA Modification	May 30, 2019
Submit Major Modification to FFA Appendix L	June 30, 2019

* denotes Regulatory Interactions necessary to explain the workscope, schedule and consider regulatory feedback applicable to management of the contract.

2017 Update to the
Statement of Resolution of Dispute Concerning
Extension of Closure Dates for Savannah River Site
High-Level Radioactive Waste Tanks 19 and 18 (signed 11/19/07)

Based on the agreement reached during the informal dispute resolution process held during 2016, Item 5 of the November 2007 Statement of Resolution of Dispute Concerning Extension of Closure Dates for Savannah River Site High-Level Radioactive Waste Tanks 19 and 18, is modified to read "DOE shall complete bulk waste removal efforts for one tank (Tank 15H) by 10/31/17 and bulk waste removal efforts for one tank (Tank 10H) by 8/31/18."

Statement of Resolution of Dispute Concerning Extension of Federal Facility Agreement (FFA) Closure Date

This dispute arose from the Department of Energy's (DOE) August 2014 request for a 15 month extension (under FFA Section IX.E.5 and Section XXXI) of the removal from service/operational closure date for 4 tanks. After the South Carolina Department of Health and Environmental Control (SCDHEC) and the Environmental Protection Agency Region-4 (EPA) non-concurred with the requested duration of the extension in August 2014, DOE invoked informal dispute resolution in September 2014. After two informal dispute resolution discussions in October and November 2014, the dispute was elevated to the Dispute Resolution Committee (DRC) at the request of SCDHEC on January 13, 2015. A partial resolution of the dispute, the closure date of three of the four tanks by October 27, 2015, was reached by the DRC on February 10, 2015. On March 12, 2015, the remaining issue, which is the operational closure milestone date for Tank 12H, was elevated to the Senior Executive Committee (SEC) for resolution. It is of mutual interest to all three parties to accelerate and expedite tank closure using innovative approaches whenever possible.

Concerning this dispute, the SEC has reached the following written decision described below and intends to formally execute the agreement, in its entirety, and accomplish its implementation in accord with the 35 day time period provided in Section XXVII (J) of the FFA.

1. For good cause, Appendix L Item 11 is modified to read: DOE shall complete operational closure of 3 of the 4 tanks (Tank 16H) by 10/27/15, field activities in preparation of grouting Tank 12 by 9/30/15[1], and operational closure of 1 tank (Tank 12H) by 5/31/16.

2. The parties acknowledge limited schedule contingencies associated with the schedule in item paragraph 1 above for events that may occur which are outside of DOE's control as described in various provisions of the FFA. DOE will notify SCDHEC and EPA through weekly reporting of closure activities upon completion of field readiness for Tanks 16H and 12H, including the notification of events impacting removal from service/operational closure date. DOE, SCDHEC and EPA will fully discuss such events in determining appropriate schedule adjustments before a new request for extension is submitted.

3. DOE shall pursue commercial sources for treatment of salt waste in an effort to accelerate and expedite tank closure through the issuance of a request for expressions of interest no later than July 31, 2015. DOE will report progress on the effort to obtain commercial sources for treatment of salt waste at a meeting on October 15, 2015. DOE will provide continual updates on the process during on-going Liquid Waste Program quarterly meetings.

[1] Completion of field activities to include isolation and grout preparations to be able to initiate grouting approximately 2 weeks after receiving concurrences from the three agencies to begin grouting.

4. The undersigned agree that the above provisions represent satisfactory resolution of the dispute, and agree to incorporate them into the FFA as appropriate and implement them expeditiously. The undersigned affirm that the below listed officials are the SEC designated members (if their titles do not correspond to those listed in FFA XXVII.D) who are authorized by their respective agencies to sign below.

David C. Moody — 4/27/15

Dr. David C. Moody, USDOE
Manager of Savannah River Operations Office
SEC Member

Date

Elizabeth Dieck — 4/27/15

Ms. Elizabeth Dieck, SCDHEC
Director of Environmental Affairs
SEC Member

Date

Heather McTeer Toney — 4-27-15

Ms. Heather McTeer Toney, EPA Region 4
Regional Administrator
SEC Member

Date

Statement of Partial Resolution of Dispute Concerning Extension of Federal Facility Agreement (FFA) Closure Date

This dispute arose from the Department of Energy's (DOE) August 2014 request for a 15-month extension (under FFA Section IX.E.5 and Section XXXI) of the September 30, 2015 removal from service/operational closure date for 4 tanks [P1]. After the South Carolina Department of Health and Environmental Control (SCDHEC) and the Environmental Protection Agency Region-4 (EPA) non-concurred with the requested duration of the extension in August 2014, DOE invoked informal dispute resolution in September 2014. After two informal dispute resolution discussions in October and November 2014, the dispute was elevated to the Dispute Resolution Committee (DRC) at the request of SCDHEC on January 13, 2015.

The DRC has reached the following written decision concerning the dispute as described below:

1. For good cause, Appendix L Item 11 is modified to read: DOE shall complete operational closure of 3 of the 4 tanks, including Tank 16H by 10/27/15. For clarity pertaining to this one milestone for closure of 3 of 4 tanks, closure of 5F and 6F occurred in December 2013, closure of 16H will occur by 10/27/15, and closure of 12H is still under resolution per item 3 below.

2. For closure of Tank 16H, the parties acknowledge limited schedule contingencies associated with the schedule in paragraph 1 above for events that may occur which are outside of DOE's control as described in various provisions of the FFA. DOE will notify SCDHEC and EPA through weekly reporting of closure activities upon completion of field readiness for Tank 16H, including the notification of events impacting removal from service/operational closure date. DOE, SCDHEC and EPA will fully discuss such events in determining appropriate schedule adjustments before a new request for extension is submitted.

3. This decision represents a partial resolution of the dispute. By February 13, 2015, DOE shall submit a draft proposal addressing resolution of the remaining open item, closure schedule for Tank 12H. The DRC hereby extends the time for resolving this dispute by 30 days, until March 12, 2015, due to additional work agreed to by the DRC. However, any party may elevate the dispute during the extended DRC if good faith progress is not being made.

4. The undersigned affirm that the below listed officials are the authorized DRC designated members (if their titles do not correspond to those listed in FFA XXVII.D), that they are authorized by their respective agencies to extend consideration by the DRC until March 12, 2015, and that they hereby do so by signing below.

James L. Folk, Jr., USDOE
Acting Assistant Manager for Waste Disposition
DRC Member

2/10/2015
Date

Daphne G. Neel, SCDHEC
Chief, Bureau of Land and Waste Management
DRC Member

2/10/2015
Date

Franklin Hill, EPA Region 4
Director, Superfund Division
DRC Member

2/10/2015
Date

Addendum to the
Statement of Resolution of Dispute Concerning
Extension of Closure Dates for Savannah River Site
High-Level Radioactive Waste Tanks 19 and 18
(Pursuant to the Federal Facility Agreement, Section XLIII. Modification of Agreement)

For the purposes of the November 2007 Statement of Resolution of Dispute Concerning Extension of Closure Dates for Savannah River Waste Tanks 19 and 18, "complete bulk waste removal efforts" means: Completing efforts to remove the bulk of waste (waste includes salt cake, sludge solids, and contaminated liquids) from a tank leaving only a residual heel.

Sufficient liquid may be added subsequent to this point to facilitate heel cleaning and removal.

Any further addition of contaminated liquids may be reintroduced after completion of bulk waste removal efforts upon approval by SCDHEC and EPA.

Statement of Resolution of Dispute Concerning Extension of Closure Dates for Savannah River Site High-Level Radioactive Waste Tanks 19 and 18

This dispute arose from Department of Energy's (DOE) March 2006 request for extension of the regulatory closure dates for Liquid Radioactive Waste Tanks 19 and 18, and South Carolina Department of Health and Environmental Control's (SCDHEC) March 2006 non-concurrence with that request. The dispute was elevated to the Dispute Resolution Committee (DRC) on October 22, 2007, in accordance with Federal Facility Agreement (FFA) Section XXVII, "Resolution of Disputes."

The DRC has reached the following agreement to resolve the dispute and intends to formally execute the agreement, in its entirety, and accomplish its implementation in accord with the 35 day time period provided in Section XXVII (J) of the FFA.

1. DOE has initiated additional waste removal efforts from Tanks 19 and 18 and will continue waste removal efforts until DOE, SCDHEC and Environmental Protection Agency (EPA) agree that waste removal may cease. DOE expects to remove up to 75% of the current waste volume by 12/31/08.
2. DOE shall complete bulk waste removal efforts[1] for 2 tanks by 9/30/10.
3. DOE shall complete bulk waste removal efforts for 1 tank by 9/30/11.
4. DOE shall complete bulk waste removal efforts for 2 tanks by 9/30/14.
5. DOE shall complete bulk waste removal efforts for 2 tanks by 9/30/16.
6. DOE shall complete bulk waste removal efforts for 3 tanks by 9/30/17.
7. DOE shall complete bulk waste removal efforts for 6 tanks by 9/30/18.
8. DOE shall complete bulk waste removal efforts for 1 tank by 9/30/19.
9. For purposes of maximizing risk reduction, DOE offers the following commitments:
    a. Following completion of bulk waste removal efforts, DOE may pursue heel removal activities through one or more additional mechanical cleaning, chemical cleaning, and/or water washing evolutions to maximize waste removal and risk reduction associated with closure of the tanks in accordance with the process described below.
    b. The Parties agree to the following process concerning waste removal. For each tank, DOE shall involve SCDHEC and EPA throughout each stage of the bulk waste and heel removal processes to explain the activities undertaken, results of removal operations, challenges, and DOE's next steps. DOE shall consider and openly discuss any feedback from participants prior to proceeding to the next stage. These interactions are anticipated to be frequent and informal meetings or conference calls as agreed to by the participating parties but shall occur no less

[1] Bulk waste removal activities are complete for tanks 17, 20, 18, 19, 5, 6, and 16 and are therefore not included in paragraphs 2 through 8 above. Tanks 17 and 20 are operationally closed.

than quarterly. When DOE considers waste removal to be complete, DOE shall notify EPA and SCDHEC and provide any supporting documentation to SCDHEC and EPA for review. DOE, SCDHEC and EPA shall mutually agree that waste removal activities may cease.

10. DOE shall complete operational closure of Tanks 19 and 18 by 12/31/12.
11. DOE shall complete operational closure of 4 tanks by 9/30/15.
12. DOE shall complete operational closure of 2 tanks by 9/30/17.
13. DOE shall complete operational closure of 2 tanks by 9/30/19.
14. DOE shall complete operational closure of 5 tanks by 9/30/21.
15. DOE shall complete operational closure of 7 tanks by 9/30/22.
16. DOE shall submit the F Area Tank Farm Performance Assessment, Revision 0 to SCDHEC and EPA by 8/31/08.
17. DOE shall submit the H Area Tank Farm Performance Assessment, Revision 0 to SCDHEC and EPA by 3/31/11.
18. In connection with the annual report on the status of tanks being removed from service due by March 9th of each year in accordance with Section IX.E.3 of the FFA, DOE shall report on the status of bulk waste and heel removal activities for F Area and H Area tanks, F Area and H Area Tank Farm Performance Assessments, F Area and H Area Tank Farm General Closure Plans, operational closure of groups of tanks in F and H Areas, and implementation of Section 3116(a) of the Ronald W. Reagan National Defense Authorization Act for Fiscal Year 2005 with respect to F Area and H Area tanks.
19. DOE and SCDHEC agree to engage in good faith discussions, beginning on a mutually agreeable date in January 2008, to develop dates for the removal of legacy transuranic waste from the Savannah River Site and to select an appropriate regulatory mechanism in which to embody the agreed dates.
20. In establishing the operational closure schedule set forth in paragraphs 10 through 15 above, the Parties have recognized the need for determinations by the Secretary of Energy, in consultation with the Nuclear Regulatory Commission (NRC), pursuant to section 3116(a) of the Ronald W. Reagan National Defense Authorization Act for Fiscal Year 2005 and the significant time necessary for consultation and development of documentation to support such a determination. DOE has incorporated reasonable times for document preparation and consultation into DOE's schedules, which have been provided to DHEC and EPA. Accordingly, DOE shall not raise the time necessary for preparing documentation for a section 3116(a) determination or the time necessary for consultation with NRC under section 3116(a) as force majeure events or as bases for dispute resolution for any future extension of the operational closure schedule set forth in paragraphs 10 through 15 above.

The undersigned agree that the provisions of this agreement will supersede the FFA Waste Removal Schedule, Revision 2 (9/6/04), and any other prior commitments related to waste removal, removal of tanks from service, or tank operational closure. The undersigned agree that the above provisions represent satisfactory resolution of the dispute, and agree to incorporate them into the FFA as appropriate and implement them expeditiously.

Terrel J. Spears, USDOE
Assistant Manager for Waste Disposition Project
DRC Member

11-19-07
Date

David Wilson, SCDHEC
Chief, Bureau of Water
DRC Member

11-19-07
Date

Franklin Hill, EPA Region 4
Director, Superfund Division
DRC Member

11/19/07
Date

Jeffrey M. Allison, USDOE
Manager, Savannah River Operations Office

11-19-07
Date

The following are synopses of the modifications made to the Agreement. Reference the Administrative Record File to view the entire modification.

Date	Section or Appendix Affected by Modification	Modification
07/14/1994	XXV. Reporting	Change the requirement for written Progress Reports from quarterly to annually, due on December 1.
08/18/1994	IX.B.2.(b)	Change the assessment due date from within 60 days of the anniversary date for the execution of the FFA to March 9 of each year.
08/18/1994	Appendix A, RCRA/CERCLA Terminology and ARARs	Correct typographical errors on page A-2.
08/18/1994	Table of Contents, I. Jurisdiction, and XXII. Review/Comment on Documents	Correct typographical errors.
10/06/1994	Appendix C, RCRA/CERCLA Units List	Annual Update in accordance with the terms of Section XIX.
04/12/1995	Appendix D, Timetables and Deadlines	Annual Update in accordance with the terms of Section XX.
07/28/1995	Sections X, XIII, VII, XXII.G.2, XXII.G.5, XXII.G.6, Appendix G	Various changes and corrections.
07/28/1995	Appendix I	Addition of Appendix I, Primary Document Review/Comment and Revision Schedule.
07/28/1995	Revision.0 Appendix D for Fiscal Year 1995	Various changes and corrections.
09/10/1995	Revision.1 Appendix E for Fiscal Year 1995	Update of the Revision.1 Appendix E for Fiscal Year 1995 (Print Date 12/29/94).
01/22/1996	Appendix J	Addition of Appendix J, Data Management Plan.
02/22/1996	Appendices C and G	Update of the Revision.0 Appendix C for Fiscal Year 1996 and Revision.0 Appendix G for Fiscal Year 1996 (Print Date 09/22/95).
03/22/1996	Revision.1 Appendix E for Fiscal Year 1996	Update of the Revision.1 Appendix E for Fiscal Year 1996 (Print Date 01/10/96).
03/22/1996	Revision.0 Appendix D for Fiscal Year 1996	Update of the Revision.0 Appendix D for Fiscal Year 1996 (Print Date 02/01/96).
06/18/1996	Revision.0 Appendix D for Fiscal Year 1996 and Revision.1 Appendix E for Fiscal Year 1996	Changes made via Extension Requests (DD-96-0262, DD-96-0238, DD-96-0239, DD-96-0265).
08/08/1996	Revision.0 Appendix D for Fiscal Year 1996 and Revision.1 Appendix E for Fiscal Year 1996	Changes made via Extension Requests (DD-96-0139, OD-96-0015, DD-96-0270) to Misc. Chem Basin/Metals Burning Pit, Silverton Road Waste Unit, and D-Area Oil Seepage Basin.

The following are synopses of the modifications made to the Agreement. Reference the Administrative Record File to view the entire modification.

Date	Section or Appendix Affected by Modification	Modification
09/03/1996	Revision.0 Appendix D for Fiscal Year 1996 and Revision.1 Appendix E for Fiscal Year 1996	Changes made via Extension Requests (OD-96-0040, OD-96-0051, DD-96-0270) to D-Area and F-Area Burning/Rubble Pits, Silverton Road Waste Site, Grace Road, and Old F-Area Seepage Basin.
09/12/1996	Revision.0 Appendix D for Fiscal Year 1996 and Revision.1 Appendix E for Fiscal Year 1996	Changes made via Acceleration Request (OD-96-0034) to Ford Building Waste Site (643-11G) and Fire Department Hose Training Facility (904-113G).
10/02/1996	Introduction, II, IV, X, XV, XVI, XXII, XIX, XL, Appendices A, D, and H	Changes made in accordance with FFA Section XLIII (Modifications). Modifications signed by DOE, SCDHEC, and EPA on 08/09/96, 09/05/96, and 10/02/96, respectively.
10/17/1996	Appendix H, RCRA Regulated Units	Changes made in accordance with FFA Section XLIII (Modifications). Modifications signed by DOE, SCDHEC, and EPA on 09/17/96, 10/04/96, and 10/17/96, respectively.
07/07/1997	Revision.1 Appendix D for Fiscal Year 1997	Update of the Revision.1 Appendix D for Fiscal Year 1997 (Print Date 07/07/97).
12/30/1997	Revision.0 Appendix D for Fiscal Year 1998	Update of the Revision.0 Appendix D for Fiscal Year 1998 (Print Date 11/18/1997).
12/30/1997	Revision.0 Appendix D for Fiscal Year 1998	Update of the Revision.0 Appendix D for FY 98 (Revision Date 12/30/1997). Changes made via Extension Request or Schedule Revision (OD-98-0054, OD-98-0115, OD-98-012) to A-Area Burning/Rubble Pits & Rubble Pile, H-Area Tank Farm, & F-Area Retention Basin.
02/24/1998	Revision.0 Appendix D for Fiscal Year 1998	Update of the Revision.0 Appendix D for Fiscal Year 1998 (Revision Date 02/03/1998). Changes made via Extension Request (OD-98-0169) to A-Area Burning/Rubble Pits & Rubble Pile.
02/26/1998	Revision.0 Appendix D for Fiscal Year 1998	Update of the Revision.0 Appendix D for Fiscal Year 1998 (Revision Date 02/09/1998). Changes made via Extension Request (OD-98-0155) to C-Area Burning/Rubble Pit.
03/20/1998	Revision.1 Appendix E for Fiscal Year 1998	Issuance of the EPA and SCDHEC approved Revision.1 Appendix E for Fiscal Year 1998 (Print Date 01/26/98).
03/27/1998	Revision.1 Appendix E for Fiscal Year 1998	Issuance of revised Revision.1 Appendix E for Fiscal Year 1998 (Revision Date 03/27/98): Changes made via Extension Requests for C-Area Burning/Rubble Pit (OD-98-0155) and A-Area Burning/Rubble Pit (OD-98-0178).
03/27/1998	Revision.0 Appendix D for Fiscal Year 1998	Issuance of revised Revision.0 Appendix D for Fiscal Year 1998 (Revision Date 03/27/98): Changes made via A-Area Burning/Rubble Pit Extension Request (OD-98-0178).

The following are synopses of the modifications made to the Agreement. Reference the Administrative Record File to view the entire modification.

Date	Section or Appendix Affected by Modification	Modification
04/01/1998	Revision.0 Appendix D for Fiscal Year 1998	Issuance of revised Revision.0 Appendix D for Fiscal Year 1998 (Revision Date 04/01/98): Changes made via F-Area Retention Basin Extension Request (OD-98-0180), A-Area Misc. Rubble Pile Strategy (OD-98-187), and TNX Outfall Delta, Lower Discharge Gully, and Swamp Strategy (OD-98-170).
04/01/1998	Revision.1 Appendix E for Fiscal Year 1998	Issuance of revised Revision.1 Appendix E for Fiscal Year 1998 (Revision Date 03/27/98): Changes made via F-Area Retention Basin Extension Request (OD-98-0180), A-Area Misc. Rubble Pile Strategy (OD-98-187), and TNX Outfall Delta, Lower Discharge Gully, and Swamp Strategy (OD-98-161).
04/13/1998	Revision.0 Appendix D for Fiscal Year 1998 and Revision.1 Appendix E for Fiscal Year 1998	Issuance of revised Revision.0 Appendix D for Fiscal Year 1998 and revised Revision.1 Appendix E for Fiscal Year 1998 (Revision Date 04/13/98): Changes made via H-Area Tank Farm Groundwater Operable Unit Extension Request (OD-98-0189) and Misc. Chem Basin/Metals Burning Pit Letter (OD-98-202).
07/16/1998	Revision.0 Appendix D for Fiscal Year 1998 and Revision.1 Appendix E for Fiscal Year 1998	Issuance of revised Revision.0 Appendix D for FY 1998 & revised Revision.1 Appendix E for FY 1998 (Revision Dates 07/16/98): Changes made: Add K-Area Bingham Pump Outage Pit Rev.0 CMI/RAR Submittal from approved schedule in ROD; D-Area Oil Seepage Basin Rev.0 ROD Submittal (OD-98-213); P-Area Burning/Rubble Pit Schedule Approval (OD-98-0220); & H-Area Retention Basin Ext. Req. (OD-98-283).
08/03/1998	Revision.0 Appendix D for Fiscal Year 1998 and Revision.1 Appendix E for Fiscal Year 1998	Issuance of revised Revision.0 Appendix D for FY 1998 & revised Revision.1 Appendix E for FY 1998 (Revision Dates 07/16/98): Changes made via R-Area Bingham Pump Outage Pits Extension Request (OD-98-286).
03/02/1999	Appendix J: Data Management Plan	Issuance of the modification dated January 26, 1999, issued February 25, 1999, for the Appendix J. This modification changed the data submittal from the EPA-IV Interchange File Format to a tab-delimited format.
05/18/1999	Revision.1 Appendix D for Fiscal Year 1999 and Revision.1 Appendix E for Fiscal Year 1999	Issuance of EPA and SCDHEC approved Revision.1 Appendix D for FY 1999 & Revision.1 Appendix E for FY 1999 (Print Dates 04/27/1999) in accordance with the terms of Sections XIX and XX.
08/20/1999	Revision.1 Appendix D for Fiscal Year 1999 and Revision.1 Appendix E for Fiscal Year 1999	Issuance of revised Revision.1 Appendix D for FY 1999 & Revision.1 Appendix E for FY 1999 (Revision Date 07/15/1999) in accordance FFA Modification dated 07/21/1999.
01/26/2000	Revision.0 Appendix D for Fiscal Year 2000 and Revision.0 Appendix E for Fiscal Year 2000	Issuance of EPA and SCDHEC approved Revision.0 Appendix D for FY 2000 & Revision.0 Appendix E for FY 2000 (Print Dates 01/18/2000) in accordance with the terms of Sections XIX and XX.
03/24/2000	Revision.0 Appendix D for Fiscal Year 2000 and Revision.0 Appendix E for Fiscal Year 2000	Issuance of EPA and SCDHEC revised Revision.0 Appendix D for FY 2000 & Revision.0 Appendix E for FY 2000 (Print Dates 03/17/2000) in accordance with the terms of Sections XIX and XX.

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Date	Section or Appendix Affected by Modification	Modification
06/16/2000	Revision.0 Appendix D for Fiscal Year 2000 and Revision.0 Appendix E for Fiscal Year 2000	Issuance of EPA and SCDHEC revised Revision.0 Appendix D for FY 2000 & Revision.0 Appendix E for FY 2000 (Print Dates 06/16/2000) in accordance with the terms of Sections XIX and XX. Incorporated approved extension request for C-Area Burning/Rubble Pit and added Old F-Area Seepage Basin Post Construction Report.
08/17/2000	Revision.0 Appendix D for Fiscal Year 2000 and Revision.0 Appendix E for Fiscal Year 2000	Issuance of EPA and SCDHEC revised Revision.0 Appendix D for FY 2000 & Revision.0 Appendix E for FY 2000 (Print Dates 08/17/2000) in accordance with the terms of Sections XIX and XX. Incorporated approved extension requests for Steel Creek IOU, Old Radioactive Waste Burial Ground, and L-Area Hot Shop. Added C-Area Burning Rubble Pit Post Construction Report.
08/30/2000	Revision.0 Appendix D for Fiscal Year 2000 and Revision.0 Appendix E for Fiscal Year 2000	Issuance of EPA and SCDHEC revised Revision.0 Appendix D for FY 2000 & Revision.0 Appendix E for FY 2000 (Print Dates 08/30/2000) in accordance with the terms of Sections XIX and XX. Incorporated approved extension request for TNX Burying Ground (643-5G, New TNX Seepage Basin (904-102G), Old TNX Seepage Basin (904-076G), and TNX Groundwater (082-G) and extension request for TNX Outfall Delta, Lower Discharge Gully, and Swamp.
05/02/2001	Revision.0 Appendix D for Fiscal Year 2001 and Revision.1 Appendix E for Fiscal Year 2001	Issuance of EPA and SCDHEC approved Revision.0 Appendix D for FY 2001 & Revision.1 Appendix E for FY 2001 (Revision Dates 05/02/2001) in accordance with the terms of Sections XIX and XX. Incorporated approved extension requests for A-Area Miscellaneous Rubble Pile (OD-01-187), L-Area Oil and Chemical Basin Operable Unit (OD-01-212), L-Area Burning/Rubble Pit, Gas Cylinder Disposal Facility, and L-Area Rubble Pile (OD-01-215), incorporated revised implementation schedules for CMP Pits (OD-01-061) and R-Area Bingham Pump Outage Pits and R-Area Unknowns (OD-01-143), and incorporated approved request to accelerate for P-Area Burning/Rubble Pit (OD-01-156).
08/13/2001	Revision.0 Appendix D for Fiscal Year 2001 and Revision.1 Appendix E for Fiscal Year 2001	Issuance of EPA and SCDHEC approved Revision.0 Appendix D for FY 2001 & Revision.1 Appendix E for FY 2001 (Revision Dates 05/02/2001) in accordance with the terms of Sections XIX and XX. Incorporated approved extension requests for TNX Burying Ground (643-5G, New TNX Seepage Basin (904-102G), Old TNX Seepage Basin (904-076G), and TNX Groundwater (082-G) (TNX Operable Unit), Fourmile Branch, L-Area Reactor Seepage Basin Operable Unit (904-64G), C-Area Burning/Rubble Pit (131-C), Incorporated approved acceleration request for Central Shops Burning/Rubble Pits (631-1G & 631-3G) and Incorporated Revised Implementation Schedule for the L-Area Hot Shop (Including CML-003 Sandblast Area) Operable Unit.

The following are synopses of the modifications made to the Agreement. Reference the Administrative Record File to view the entire modification.

Date	Section or Appendix Affected by Modification	Modification
09/24/2001	Revision.0 Appendix D for Fiscal Year 2001 and Revision.1 Appendix E for Fiscal Year 2001	Issuance of EPA and SCDHEC approved Revision.0 Appendix D for FY 2001 & Revision.1 Appendix E for FY 2001 (Revision Dates 05/02/2001) in accordance with the terms of Sections XIX and XX. Incorporated approved extension requests for: Old Radioactive Waste Burial Ground: L-Area Burning/Rubble Pit (131-L), Gas Cylinder Disposal Facility (131-2L) and L-Area Rubble Pile (131-3L), R-Area Reactor Seepage Basins / 108-R Overflow Basin Operable Unit; L-Area Reactor Seepage Basin Operable Unit; Ford Building Seepage Basin.
01/31/2002	Revision.0 Appendix C and Revision.0 Appendix G for Fiscal Year 2002	Issuance of EPA and SCDHEC approved Revision.0 Appendix C for Fiscal Year 2002 (Print Date 09/28/2001) and Revision.0 Appendix G for Fiscal Year 2002 (Print Date 09/28/2001).
04/11/2002	Revision.0 Appendix D for Fiscal Year 2002 and Revision.1 Appendix E for Fiscal Year 2002	Issuance of EPA and SCDHEC approved Revision.0 Appendix D for FY 2002 & Revision.1 Appendix E for FY 2002 (Revision Dates 04/11/2002) in accordance with the terms of Sections XIX and XX. Incorporated approved extension requests for: L-Area Hot Shop (Including Sandblast Area CML-003, NBN) 717-G, A-Area Miscellaneous Rubble Pile (731-6A), P-Area Burning/Rubble Pit (131-P), and Ford Building Seepage Basin. Also incorporated approved Implementation Schedules for: C-Reactor Seepage Basins (904-066G, -067G, -068G) and L-Reactor Seepage Basin (904-64G) and the General Separations Area Consolidation Unit.
05/15/2002	Revision.0 Appendix D for Fiscal Year 2002 and Revision.1 Appendix E for Fiscal Year 2002	Issuance of EPA and SCDHEC approved Revision.0 Appendix D for FY 2002 & Revision.1 Appendix E for FY 2002 (Revision Dates 05/15/2002) in accordance with the terms of Sections XIX and XX. Added K-Area Burning Rubble Pit Post-Construction Report to Appendix D following approval of the CMI/RAIP. Incorporated approved extension requests for: TNX Burying Ground (643-5G), New TNX Seepage Basin (904-102G), Old TNX Seepage Basin (904-076G), and TNX Groundwater (082-G) Changes to D-Area Expanded Operable Unit entries (Reference DOE Letter OD-02-231).
05/15/2002	Revision.0 Appendix C for Fiscal Year 2002	Issuance of EPA and SCDHEC approved Revision.0 Appendix C for Fiscal Year 2002 (Print Date 09/28/2001, Revision Date 05/15/2002). Changes to D-Area Expanded Operable Unit entries (Reference DOE Letter OD-02-231), changes to Ford Building Seepage Basin entries due to ROD issuance.
05/15/2002	Revision.0 Appendix G for Fiscal Year 2002	Issuance of EPA and SCDHEC approved Revision.0 Appendix G for Fiscal Year 2002 (Print Date 09/28/2001, Revision Date 05/15/2002). Changes to D-Area Expanded Operable Unit entries (Reference DOE Letter OD-02-231).
07/24/2002	Revision.0 Appendix G and Revision.0 Appendix C for Fiscal Year 2002	Issuance of Appendix G and Appendix C (Revision date 07/24/2002). Changes made: move ECODS N-1 from Appendix G.1 to C (Ref: WSRC-RP-2001-4185); move 10 Site Evaluation Areas from Appendix G.1 to C (Ref: DOE Letter OD-02-208); and change status of Central Shops Sludge Lagoon due to issuance of final ROD on 07/10/2002.

The following are synopses of the modifications made to the Agreement. Reference the Administrative Record File to view the entire modification.

Date	Section or Appendix Affected by Modification	Modification
08/30/2002	Revision.0 Appendix G and Revision.0 Appendix C for Fiscal Year 2002	Issuance of Appendix G and Appendix C (Revision date 08/30/2002). Changes made: Add Central Shops Groundwater Operable Unit [#567] (Ref: DOE Letter OD-02-324); Change name of H-Area Groundwater Operable Unit to General Separations Area Eastern Groundwater Operable Unit [#549] (Ref: DOE Letter OD-02-324); Add ECODS G-5 [#568] (Ref: DOE Letter OD-02-324); Correct entry for 10 Site Evaluation Areas from Appendix G.1 to C (Ref: DOE Letter OD-02-208); Move ECODS G-2 from G.1 to G.2 [#542] (Ref: WSRC-RP-2001-4273); Move ECODS K-2 from G.1 to G.2 [#533] (Ref: WSRC-RP-2001-4206); Move Laydown Area North of 105-R from G.2 to G.1 [#233] (Ref: DOE Letter OD-02-234); Move Area on North Side of 105-R from C to G.1 [#231] (Ref: OD-02-234).
09/10/2002	Revision.0 Appendix D for Fiscal Year 2002 and Revision.1 Appendix E for Fiscal Year 2002	Issuance of EPA and SCDHEC approved Revision.0 Appendix D for FY 2002 & Revision.1 Appendix E for FY 2002 (Revision Dates 09/10/2002) in accordance with the terms of Sections XIX and XX. Added approved extension requests for: A-Area Miscellaneous Ruble Pile (731-6A), TNX Burying Ground (643-5G), New TNX Seepage Basion (904-102G), Old TNX Seepage Basin (904-076G), and TNX Groundwater (082-G), L-Area Hot Shop (717-G) (Including Sandblast Area CML-003 [NBN]), Central Shops Burning/Rubble Pits (631-1G & -3G), TNX Outfall Delta, Lower Discharge Gully, and Swamp, R-Area Acid/Caustic Basin (904-77G), C- and L-Area Reactor Seepage Basins and R-Area Reactor Seepage Basins/108-4R Overflow Basin OU. Added Revised Implementation Schedules for the Road A Chamical Basin (904-111G) and the L-Area Hot Shop.
03/13/2003	Revision.1 Appendix E for Fiscal Year 2003 (Print Date: 03/03/2003)	Issuance of EPA and SCDHEC approved Revision.1 Appendix E for FY 2003. (Print date 03/03/03)
03/17/2003	Revision.1 Appendix E for Fiscal Year 2003 (Revision Date: 03/17/2003)	Issuance of EPA and SCDHEC approved Revision.1 Appendix E for FY 2003 (Print Date: 03/17/2003) in accordance with the terms of Section XIX. Modifications made as a result of the approved extension requests for: Central Shops Burning/Rubble Pits (631-1G and -3G) (OD-03-102), Road A Chemical Basin (OD-03-175), C-Area Burning/Rubble Pit (OD-03-178), and TNX Outfall Delta (OD-03-130). (Revision date 03/17/03)
04/01/2003	Appendix C	Moved the following 4 Operable Unit from Appendix C.1 and C.2 to C.4 and added appropriate footnotes to Appendix C.3 to reflect issuance of final Records of Decision: (1) L-Area Burning/Rubble Pit, L-Area Rubble Pile, and Gas Cylinder Disposal Facility (131-L, -3L, and -2L); L-Area Reactor Seepage Basin (904-064G); (2) R-Area Acid/Caustic Basin (904-77G); (3) L-Area Reactor Seepage Basin, 904-064G; and (4) General Separations Area Consolidation Unit [Consisting of the Old Radioactive Waste Burial Ground (Including Solvent Tanks) (643-E), the HP-52 Ponds, the H-Area Retention Basin (281-3H) and Spill on 05/01/1956 of Unknown of Retention Basin Pipe Leak (NBN), and the Warner's Pond (685-23G) and Spill on 03/08/1978 of Unknown of Seepage Basin Pile Leak in H-Area Seepage Basin (NBN)]. Changes to D-Area Expanded Operable Unit entries (Reference DOE Letter OD-03-133)

The following are synopses of the modifications made to the Agreement. Reference the Administrative Record File to view the entire modification.

Date	Section or Appendix Affected by Modification	Modification
07/28/2003	Appendix C	Issuance of EPA and SCDHEC approved Revision.1 Appendix C for Fiscal Year 2003 (Print Date 06/23/2003)
07/28/2003	Appendix G	Issuance of EPA and SCDHEC approved Revision.1 Appendix G for Fiscal Year 2003 (Print Date 06/23/2003)
09/10/2003	Appendices C and G	Moved the following 4 Operable Unit from Appendix C.1 and C.2 to C.4 and added appropriate footnotes to Appendix C.3 to reflect issuance of final Records of Decision: (1) A-Area Miscellaneous Rubble Pile, 731-6A, (2) P-Area Burning/Rubble Pit, 131-P, (3) Central Shops Burning/Rubble Pits, 631-1G and -3G, and (4) R-Area Bingham Pump Outage Pits, 643-8G, -9G, and -10G) and R-Area Unknown Pits #1, #2, and #3 (RUNK-1, -2, and -3). Moved the Cooling Water Effluent Sump, 107-R from Appendix G to Appendix C based on Site Evaluation Report, WSRC-RP-96-842. Moved numerous areas from Appendix G to Appendix C based on three Party agreements recorded in Scoping Summary, ERD-EN-2003-153. Added 2 Areas to Appendix G based on three Party agreements recorded in WSRC-RP-2002-4088: Heavy Equipment Maintenance Area Miscellaneous Units (Consisting of Heavy Equipment Wash Areas #1, #2, and #3, Pickling Building, Drum Storage Area, and Spray Irrigation Field), NBN and Engineered Drainage Ditch Northeast of the Heavy Equipment Maintenance Area , NBN. Moved the following 9 Areas from Appendix G.1 to G.2 based on referenced Site Evaluation Report: (1) ECODS P-1 - WSRC-RP-2001-4207, (2) K-Area Area of Concern, NBN - WSRC-RP-2000-4125, (3) ECODS F-3 - WSRC-RP-2001-4044, (4) F-Area Railroad Crosstie Pile, NBN - WSRC-RP-2002-4076, (5) ECODS A-2 - WSRC-RP-2001-4120, (6) Arsenic Treated Wood Storage Area - WSRC-RP-2001-4004, (7) ECODS F-1 - WSRC-RP-2001-4043, (8) Spill on 09/01/85 of <1 lb of Mercury from 748-A - WSRC-RP-2002-4188, and (9) Central Shops Open Disposal Trench - WSRC-RP-99-4162.
09/17/2003	Revision.0 Appendix D for Fiscal Year 2003 (Print Date 05/23/03) and Revision.1 Appendix E for Fiscal Year 2003 (Print Date 03/03/03)	Issuance of EPA and SCDHEC approved Revision.0 Appendix D for FY 2003 & Revision.1 Appendix E for FY 2003 (Revision Dates 09/17/2003) in accordance with the terms of Sections XIX and XX. Added approved Extension Requests for: Fourmile Branch Integrator Operable Unit, Lower Three Runs Integrator Operable Unit, Pen Branch Integrator Operable Unit, Steel Creek Integrator Operable Unit and Upper Three Runs Integrator Operable Unit. Added M-Area Settling Basin Inactive Process Sewers to Manhold 1 (081-m) to Appendix E (Reference scoping summary ERD-EN-2003-0130) . Added Revised Implementation Schedules for: C-Area Burning/Rubble Pit (131-C), A-Area Miscellaneous Rubble Pile (731-6A), L-Area Hot Shop (717-G) (Including Sandblast Area CML-003[NBN]), P-Area Reactor Seepage Basins (904-61G, -62G, -63G), L-Area Southern Groundwater (NBN), CMP Pits (080-17G, -17.1G, -18G, -19G, -18.1G, -18.2G, -18.3G), C-Area Reactor Groundwater (NBN)

The following are synopses of the modifications made to the Agreement. Reference the Administrative Record File to view the entire modification.

Date	Section or Appendix Affected by Modification	Modification
02/20/2004	Appendices C and G	Issue approved Revision.0 Appendix C for Fiscal Year 2004 and Revision.0 Appendix G for Fiscal Year 2004 (Print Date 02/20/2004). This issuance also incorporates the updates made to the names of the Cooling Water System (see DOE letter ED-01-140), the move of the ECODS B-5 from Appendix C to Appendix G (see DOE letter OD-03-247), and moved L-Area Hot Shop (Including Sandblast Area CML-003, NBN), 717-G from Appendix C.1 and C.2 to C.4 and added appropriate footnotes to Appendix C.3 to reflect issuance of final Records of Decision.
03/29/2004	Revision.1 Appendix E for Fiscal Year 2004 (Print Date 03/17/2004)	Issuance of EPA and SCDHEC approved Revision.1 Appendix E for FY 2004 (Print Date 03/17/2004) in accordance with the terms of Section XIX.
08/16/2004	Appendices C and G	Issue update to approved Revision.0 Appendix C for Fiscal Year 2004 and Revision.0 Appendix G for Fiscal Year 2004 (Print Date 02/20/2004), Update: 08/16/2004. This issuance incorporates the move from Appendix G.1 to G.2 of: Spill on 09/01/85 of <1 lb Mercury from 748-A; F-Area Ash Basin, 288-1F; and ECODS K-3. (Ref: WSRC-RP-2002-4188, ED-04-205, and WSRC-RP-2002-4191, respectively) Move from Appendix G to C: Area on North Side of Building 105-5; Laydown Area North of 105R; and Release from the Decontamination of R-Area Reactor Disassembly Basin, NBN (Ref: EB-04-206). Move from Appendix G to C: ECODS L-3 (Ref: WSRC-RP-2003-4048). Update Appendix C to reflect the issuance of final Records of Decsion for: P-Area Rector Seepage Basin, R-Area Reactor Seepage Basins, TNX Operable Unit, and SRL Oil Test Site
10/07/2004	Revision.1 Appendix D for Fiscal Year 2004 (Print Date 09/21/04)	Issuance of EPA and SCDHEC approved Revision.1 Appendix D for FY 2004 (Print Date 09/21/2004) in accordance with the terms of Sections XIX and XX.
03/30/2005	Appendix D, Timetables and Deadlines	Issuance of EPA and SCDHEC approved Revision.0 Appendix D for FY 2005 (Print Date 03/03/2005) in accordance with the terms of Sections XIX and XX.
04/26/2005	Revision.1 Appendix E for Fiscal Year 2005	Issuance of the EPA and SCDHEC approved Revision.1 Appendix E for Fiscal Year 2005 (Print Date 04/26/2005).
05/09/2005	Appendix D, Timetables and Deadlines	Issuance of updated Revision.0 Appendix D for FY 2005 to reflect date changes for the T Area Completion (reference approved extension request SGP-05-184)
05/19/2005	Appendices C and G	Issuance of EPA and SCDHEC approved Revision.1 Appendix C and Appendix G for Fiscal Year 2005 (Print Date 02/28/2005)
01/05/2006	Appendix I	Replace entire Appendix I with Modification dated 12/15/2005. Modification necessary to update the list of documents and review/revision times.
05/02/2006	Revision.0 Appendix D for Fiscal Year 2006 (Print Date 03/20/06) and Revision.1 Appendix E for Fiscal Year 2006 (Print Date 01/05/06)	Issuance of EPA and SCDHEC approved Revision.0 Appendix D for Fiscal Year 2006 (Print Date 03/20/06) and Revision.1 Appendix E for Fiscal Year 2006 (Print Date 01/05/06).

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Date	Section or Appendix Affected by Modification	Modification
05/31/2006	Sections XL, LI and Appendix C.5	Changes made in accordance with FFA Section XLIII (Modifications). Modifications signed by DOE, SCDHEC, and EPA on 2/22/06, 3/6/06 and 3/13/06, respectively. Appendix C.5 print date 2/13/06
07/27/2006	Revision.0 Appendix D for Fiscal Year 2006 and Revision.1 Appendix E for Fiscal Year 2006	Issue updated Revision.0 Appendix D for FY 2006 & Revision.1 Appendix E for FY 2006. Incorporated approved extension requests for: L-Area Southern Groundwater; Hydrofluoric Acid Spill; TNX Burying Ground, New TNX Seepage Basin, Old TNX Seepage Basin, and TNX Groundwater; M-Area Settling Basin Inactive Process Sewers; A-Area Burning/Rubble Pits, Miscellaneous Chemical Basin/Metals Burn Pit and A-Area Ash Pile; K-Area Sludge Land Application Site and Par Pond Sludge Land Application Site; 211-FB Pu-239 Release Incorporated approved implementation schedules for: Lower Three Runs Integrator Operable Unit; Steel Creek Integrator Operable Unit; Pen Branch Integrator Operable Unit; Fourmile Branch Integrator Operable Unit; Savannah River and Flood Plain Swamp Integrator Operable Unit; and CMP Pits Incorporated agreements to discontinue submittal of effectiveness monitoring reports for C-Area Burning/Rubble Pits and CMP Pits Removed milestones for remedial action starts for the K-Area Sludge Land Application Site and Par Pond Sludge Land Application Site and 211-FB Pu-239 Release based on No Further Action Record of Decision approval.
08/08/2006	Appendices C, G, and K	Issuance of EPA and SCDHEC approved Revision.1 Appendix C and Appendix G, and Revision.0 Appendix K for Fiscal Year 2006 (Print Dates 04/20/2006 and 05/02/2006)
03/12/2007	Revision.1 Appendix E for Fiscal Year 2007 (Print Date 01/09/07)	Issuance of EPA and SCDHEC approved Revision.1 Appendix E for Fiscal Year 2007 (Print Date 01/09/07)
06/21/2007	Appendices C, G, and K	Issuance of EPA and SCDHEC approved Revision.1 Appendix C, Appendix G, and Appendix K for Fiscal Year 2007 (Print Dates 03/14/2007)
10/02/2007	Appendix D	Issuance of EPA and SCDHEC approved Revision.1 Appendix D for Fiscal Year 2007 (Print Dates 09/12/2007)

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Date	Section or Appendix Affected by Modification	Modification
11/16/2007	FFA Sections IV, X, and Appendices C.1, C.2, C.5 and H	Issue revised language in FFA Section IV (RCRA/CERCLA Integration) and FFA Section X [Site Evaluation(s)] to include language to support incorporation of a comprehensive list of RCRA SWMUs, with the exception of temporary waste storage areas, into the FFA. The FFA modification for these revisions was signed by DOE, SCDHEC, and EPA on 10/3/07, 10/18/07, and 10/22/07, respectively. Issue update to approved Revision.1 Appendices C.1, C.2 and C.5 for Fiscal Year 2007 and revise Appendix H (RCRA Regulated Units) to remove the SRL Mixed Waste Storage Tanks, 776-A from Appendix H and add to Appendix C as follows: "SRL 904-A Process Trench, 904-A, Spill on 12/01/71 of 1000 Gal of Rad Water from SRL, and SRL Mixed Waste Storage Tanks, 776-A". Per Consent Agreement 07-11-HW, closure of the SRL Mixed Waste Storage Tanks will be deferred until final shutdown and will be documented in the FFA by removing the unit from Appendix H and adding it to Appendix C. The FFA modification for this change was signed by DOE, SCDHEC, and EPA on 9/25/07, 10/12/07, and 10/18/07, respectively.
01/14/2008	Appendix L	Add Appendix L, "Statements of Dispute Resolution" to include a location for placement of executed "Statements of Dispute Resolution". The "Statement of Resolution of Dispute Concerning Extension of Closure Dates for Savannah River Site High-Level Radioactive Waste Tanks 19 and 18" signed by USDOE, SCDHEC, and EPA Region 4 on November 19, 2007 will be placed in Appendix L. The The FFA modification for these revisions was signed by DOE, SCDHEC, and EPA on 12/20/2007, 12/28/2007, and 01/07/2008, respectively.
02/25/2008	Appendix E	Issuance of EPA and SCDHEC approved Revision.1 Appendix E, Long-Term Projections for Fiscal Year 2008 (Print Date: 01/30/2008) in accordance with the terms of Section XIX.
06/24/2008	Revision.1 Appendix E for Fiscal Year 2008	Issue update to approved Revision.1 Appendix E for Fiscal Year 2008. Incorporated approved extension requests for: M Area Operable Unit (Ref: ACP-08-155), Savannah River Floodplain Swamp Integrator Operable Unit (Ref: ACP-08-159), and P Area Operable Unit (Ref: ACP-08-191). Incorporated approved implementation schedules for: P Area Operable Unit Early Action (Ref: WSRC-RP-2007-4064), Gunsite 012 Rubble Pile, Rubble Pile Across from Gunsite 012, and ECODS G-3 (NBN) Operable Unit (Ref: WSRC-RP-2007-4052), Gunsite 218 Rubble Pile (631-23G) Operable Unit (Ref: WSRC-RP-2007-4051), and A-Area Burning/Rubble Pits (731-A, -1A), A-Area Rubble Pit (731-2A), and Miscellaneous Chemical Basin/Metals Burning Pit (731-4A, -5A) Operable Unit (Ref: WSRC-RP-2006-4071). Corrected typographical errors in the building numbers for the D-Area Waste Oil Facility (484-D corrected to 484-10D) and the Consolidated Incineration Facility (231-H corrected to 261-H). The entry Ditch to Outfall H-013 (Tributary to Fourmile Creek) (NBN) was corrected to Ditch to Outfall H-012 (Tributary to Fourmile Creek) (NBN). Updated the list of operable units that comprise the F Area Operable Unit, H Area Operable Unit, and P Area Operable Unit.

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Date	Section or Appendix Affected by Modification	Modification
07/24/2008	Appendices C, G, and K	Issuance of EPA and SCDHEC approved Revision.1a Appendix C, Revision.1 Appendix G, and Revision.1 Appendix K for Fiscal Year 2008 (Print Date: 05/12/2008)
02/18/2009	Appendix H	Issuance of EPA and SCDHEC approved Revision.0 Appendix H for Fiscal Year 2009 (Print Date: 09/23/2008)
03/05/2009	Appendix E	Issuance of EPA and SCDHEC approved Revision.1 Appendix E, Long-Term Projections for Fiscal Year 2009 (Print Date: 01/26/2009)
07/27/2009	Appendices C, G, and K	Issuance of EPA and SCDHEC approved Revision.1 Appendix C, Revision.1 Appendix G, and Revision.1 Appendix K for Fiscal Year 2009 (Print Date: 05/12/2009)
12/02/2009	Appendix D	Issuance of EPA and SCDHEC approved Revision.0 Appendix D for Fiscal Year 2009 (Print Date: 09/30/2009)
02/05/2010	Appendices G, H, and K	Issuance of EPA and SCDHEC approved Revision.0 Appendix G, Revision.0 Appendix H, and Revision.0 Appendix K for Fiscal Year 2010 (Print Date: 09/23/2009)
03/09/2010	Appendix E	Issuance of EPA and SCDHEC approved Revision.1 Appendix E, Long-Term Projections for Fiscal Year 2010 (Print Date: 01/13/2010, Updated 03/09/2010). SCDHEC approved the Revision.1 Appendix E, Long-Term Projections for Fiscal Year 2010 (Print Date: 01/13/2010) on February 24, 2010. EPA conditionally approved the Revision.1 Appendix E, Long-Term Projections for Fiscal Year 2010 (Print Date: 01/13/2010) on March 5, 2010, pending inclusion of the submittal of the A-Area Miscellaneous Rubble Pile (731-6A) Operable Unit Performance Evaluation Report as a milestone for 2011, 2012, and beyond. The updated Revision.1 Appendix E includes this milestone with a submittal date of August 1 of each year. Typographical errors were also corrected.
05/18/2010	Appendix C	Issuance of EPA and SCDHEC approved Revision.1 Appendix C, RCRA/CERCLA Units for Fiscal Year 2010 (Print Date: 03/29/2010).

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Date	Section or Appendix Affected by Modification	Modification
08/31/2010	Appendix E	Issuance of an update to approved Revision.1 Appendix E for Fiscal Year 2010. Based on Core Team agreement at the February 2, 2010 Scopinig Meeting, the Consolidated Incineration Facility remedial action nomenclature was revised from an Interim Action to an Early Action. A revised implementation schedule was included in the R-Area Operable Unit (RAOU) Statement of Basis/Proposed Plan (SB/PP). The regulators approved the RAOU SB/PP on June 24, 2010 (EPA) and July 2, 2010 (SCDHEC), respectively. Based on the this approval, the Remedial Action Start date was changed from June 6, 2011 to June 17, 2011. A revised implementation schedule was included in the D-Area Operable Unit (DAOU) SB/PP. The regulators approved the DAOU SB/PP on July 6, 2010 (EPA) and July 12, 2010 (SCDHEC), respectively. Based on this approval, the DAOU Land Use Control Implementation Plan (Revision.0) was added with a submittal date of 02/14/2011. In addition, the DAOU Remedial Action Start date was moved from December 7, 2011 to May 25, 2012. The Gunsite 218 Rubble Pile (631-23G) Operable Unit Issue Record of Decision (ROD) milestone date was changed from October 4, 2010 to November 3, 2010 based on EPA's letter to DOE and SCDHEC titled "Extension Notification for Issuance of the Record of Decision, Remedial Alternative Selection for the Gunsite 218 Rubble Pile (631-223G) (U), CERCLIS Number 80, SRNS-RP-2010-00051, Revision 1, May 2010, Savannah River Site, SC1890008989", dated August 26, 2010. Typographical errors were also corrected.
09/09/2010	Appendix L	Add "Addendum to the Statement of Resolution of Dispute Concerning Extension of Closure Dates for Savannah River Site High-Level Radioactive Waste Tanks 19 and 18 (Pursuant to the Federal Facility Agreement, Section XLIII. Modification of Agreement)" to provide a definition for "complete bulk waste removal efforts". The FFA modification for this addendum was signed by DOE, SCDHEC, and EPA on 8/24/2010, 8/27/2010, and 8/30/2010, respectively.
10/20/2010	Appendix D	Issuance of EPA and SCDHEC approved Revision.0 Appendix D for Fiscal Year 2010 (Print Date: 09/07/2010, Updated 10/20/2010). SCDHEC approved the Revision.0 Appendix D for Fiscal Year 2010 (Print Date: 09/07/2010) on October 4, 2010. EPA approved the Revision.0 Appendix D for Fiscal Year 2010 (Print Date: 09/07/2010) on October 18, 2010. EPA stated in their approval letter that the agency accepts the Effectiveness Monitoring Plan (EMP) as fulfilling the need for the Remedial Action Implementation Plan (RAIP); however, the RAIP is still a required primary document for the RAOU and requested change-out pages to address the issue. To fulfill the request of the EPA, Appendix D for Fiscal Year 2010 was updated with a footnote and explanatory text for the RAOU EMP entries.

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Date	Section or Appendix Affected by Modification	Modification
03/04/2011	Appendix E and Appendix H	Issuance of EPA and SCDHEC approved Revision.1 Appendix E, Long-Term Projections for Fiscal Year 2011 (Print Date: 01/24/2011). SCDHEC approved the Revision.1 Appendix E, Long-Term Projections for Fiscal Year 2011 (Print Date: 01/24/2011) on March 1, 2011. EPA conditionally approved the Revision.1 Appendix E, Long-Term Projections for Fiscal Year 2010 (Print Date: 01/24/2011) on March 2, 2011. Issuance of EPA and SCDHEC approved Revision.0 Appendix H for Fiscal Year 2011 (Print Date: 09/09/2010). SCDHEC approved the Revision.0 Appendix H for Fiscal Year 2011 (Print Date: 09/09/2010) on January 20, 2011. EPA approved the Revision.0 Appendix H for Fiscal Year 2011 (Print Date: 09/09/2010) on February 22, 2011.
06/10/2011	Appendix C, Appendix G, and Appendix K	Issuance of EPA and SCDHEC approved Revision.1 Appendix C, RCRA/CERCLA Units for Fiscal Year 2011 (Print Date: 04/20/2011). On February 22, 2011, the EPA provided conditional approval of the Revision.0 Appendix C for Fiscal Year 2011, pending the response and resolution of SCDHEC's comments on the appendix. The Revision.1 Appendix C was submitted to the EPA and SCDHEC on May 18, 2011. The SCDHEC approved the Revision.1 Appendix C, RCRA/CERCLA Units for Fiscal Year 2011 (Print Date: 04/20/2011) on June 8, 2011. Therefore, SCDHEC's comments were resolved and the conditions of EPA's approval were met. Issuance of EPA and SCDHEC approved Revision.0 Appendix G, Site Evaluation Areas for Fiscal Year 2011 (Print Date: 09/09/2010). The EPA and the SCDHEC approved the Revision.0 Appendix G on February 22, 2011 and June 8, 2011, respectively. Issuance of EPA and SCDHEC approved Revision.1 Appendix K, D&D Facilities for Fiscal Year 2011 (Print Date: 04/20/2011). On February 22, 2011, the EPA provided conditional approval of the Revision.0 Appendix K for Fiscal Year 2011, pending the response and resolution of SCDHEC's comments on the appendix. The Revision.1 Appendix K was submitted to the EPA and SCDHEC on May 18, 2011. The SCDHEC approved the Revision.1 Appendix K, D&D Facilities for Fiscal Year 2011 (Print Date: 04/20/2011) on June 8, 2011. Therefore, the SCDHEC's comments were resolved and the conditions of EPA's approval were met.
11/02/2011	Appendix D	Issuance of EPA and SCDHEC approved Revision.0 Appendix D for Fiscal Year 2011 (Print Date: 09/30/2011). The SCDHEC approved the Revision.0 Appendix D for Fiscal Year 2011 (Print Date: 09/30/2011) in a letter dated October 19, 2011 (received October 25, 2011). The EPA approved the Revision.0 Appendix D for Fiscal Year 2011 (Print Date: 09/30/2011) in a letter dated October 24, 2011 (received October 27, 2011).
11/30/2011	Appendix J	Issuance of the updated Appendix J: Data Management Plan (dated July 2011) that was agreed to by the DOE, EPA, and SCDHEC during the development of the programmatic Area Completion Projects Sampling and Analysis Plan template. The FFA modification for this addendum was signed by DOE, SCDHEC, and EPA on 10/19/2011, 11/9/2011, and 11/17/2011, respectively.

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Date	Section or Appendix Affected by Modification	Modification
05/18/2012	Appendix H	Issuance of the EPA and SCDHEC approved Revision.1 Appendix H for Fiscal Year 2012 (Print Date: 05/01/2012). On February 10, 2012, the EPA conditionally approved the Revision.0 Appendix H for Fiscal Year 2012, pending the response to and resolution of the SCDHEC's comment on the appendix. The Revision.1 Appendix H was submitted to the EPA and SCDHEC on May 3, 2012. The SCDHEC approved the Revision.1 Appendix H on May 18, 2012. Therefore, SCDHEC's comment was resolved and the condition of EPA's approval was met.
06/05/2012	Appendix C, Appendix G, and Appendix K	Issuance of the EPA and SCDHEC approved Revision.1 Appendix C, RCRA/CERCLA Units for Fiscal Year 2012 (Print Date: 05/01/2012). In a letter dated February 6, 2012 (received February 14, 2012), the EPA provided conditional approval of the Revision.0 Appendix C for Fiscal Year 2012, pending the response and resolution of SCDHEC's comments on the appendix. The Revision.1 Appendix C for Fiscal Year 2012 was submitted to the EPA and SCDHEC on May 9, 2012. The SCDHEC approved the Revision.1 Appendix C for Fiscal Year 2012 on June 5, 2012. Therefore, SCDHEC's comments were resolved and the conditions of EPA's approval were met. Issuance of the EPA and SCDHEC approved Revision.1 Appendix G, Site Evaluation Areas for Fiscal Year 2012 (Print Date: 05/01/2012). In a letter dated February 6, 2012 (received February 14, 2012), the EPA provided conditional approval of the Revision.0 Appendix G for Fiscal Year 2012, pending the response and resolution of SCDHEC's comments on the appendix. The Revision.1 Appendix G for Fiscal Year 2012 was submitted to the EPA and SCDHEC on May 9, 2012. The SCDHEC approved the Revision.1 Appendix G for Fiscal Year 2012 on June 5, 2012. Therefore, SCDHEC's comments were resolved and the conditions of EPA's approval were met. Issuance of the EPA and SCDHEC approved Revision.0 Appendix K, D&D Facilities for Fiscal Year 2012 (Print Date: 09/22/2011). In a letter dated February 6, 2012 (received February 14, 2012), the EPA approved the Revision.0 Appendix K for Fiscal Year 2012. In the SCDHEC's letter dated January 25, 2012, the SCDHEC did not have any comments on the Revision.0 Appendix K for Fiscal Year 2012. The SCDHEC approved the Revision.0 Appendix K for Fiscal Year 2012 on June 5, 2012.

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Date	Section or Appendix Affected by Modification	Modification
08/07/2012	Appendix E	Issuance of the EPA and SCDHEC approved Revision.1 Appendix E, Long-Term Projections for Fiscal Year 2012 (Print Date: 01/18/2012, Updated 08/07/2012). The SCDHEC and the EPA provided conditional approval of the Revision.1 Appendix E for Fiscal Year 2012 (Print Date: 01/18/2012) pending the submittal and approval of an implementation schedule for Castor Creek (C-Area Groundwater Operable Unit). The SCDHEC and EPA conditional approval letters were dated February 29, 2012 and March 3, 2012, respectively. The DOE submitted the implementation schedule on July 3, 2012. The SCDHEC and the EPA approved the implementation schedule in letters dated August 1, 2012 and August 6, 2012, respectively. The Small Arms Training Area (SATA) Removal Action Report (RAR) documented the completed removal action activities for SATA and recommended no further action for the unit. The EPA and SCDHEC approved the RAR on February 7, 2012 and February 22, 2012, respectively. Therefore, the Site Evaluation Report submittal for March 2015 was removed. On June 14, 2012, the DOE submitted an extension request for the Wetland Area at Dunbarton Bay (NBN) Focused Corrective Measures Study/Feasibility Study (CMS/FS) and Subsequent Milestones. The SCDHEC and EPA approved the extension request on June 22, 2012 and June 26, 2012, respectively. Therefore, the submittal dates for the Wetland Area at Dunbarton Bay documents were revised according to the approved implementation schedule.
10/16/2012	Appendix D	Issuance of EPA and SCDHEC approved Revision.0 Appendix D for Fiscal Year 2012 (Print Date: 09/19/2012). The SCDHEC approved the Revision.0 Appendix D for Fiscal Year 2012 (Print Date: 09/19/2012) on October 10, 2012. The EPA approved the Revision.0 Appendix D for Fiscal Year 2012 (Print Date: 09/19/2012) on October 16, 2012.
03/01/2013	Appendix E	Issuance of the EPA and SCDHEC approved Revision.1 Appendix E, Long-Term Projections for Fiscal Year 2013 (Print Date: 01/16/2013, Updated 03/01/2013). The SCDHEC and the EPA approved the Revision.1 Appendix E for Fiscal Year 2013 (Print Date: 01/16/2013) in letters dated February 28, 2013. On February 12, 2013, the DOE submitted an extension request for the A-Area Ash Pile (788-A), A-Area Coal Pile Runoff Basin (788-3A), and Stormwater Outfall A-013 (NBN) Operable Unit Revision 1 Statement of Basis/Proposed Plan (SB/PP), the Revision 0 Record of Decision (ROD), and All Subsequent Milestones (ACP-13-134). The SCDHEC and EPA approved the extension request in letters dated February 19, 2013. The submittal dates for the A-Area Ash Pile (788-A), A-Area Coal Pile Runoff Basin (788-3A), and Stormwater Outfall A-013 (NBN) Operable Unit documents were revised according to the dates provided in the EPA approval letter.

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Date	Section or Appendix Affected by Modification	Modification
04/29/2013	Appendix C, Appendix G, Appendix H, and Appendix K	Issuance of the EPA and SCDHEC approved Revision.1 Appendix C, RCRA/CERCLA Units for Fiscal Year 2013 (Print Date: 03/22/2013). In a letter dated January 31, 2013, the EPA approved the Revision.0 Appendix C for Fiscal Year 2013. In a letter dated January 25, 2013, the SCDHEC provided comments on the Revision.0 Appendix C for Fiscal Year 2013. DOE submitted the Revision.1 Appendix C for Fiscal Year 2013 to the EPA and SCDHEC on March 28, 2013. The SCDHEC approved the Revision.1 Appendix C for Fiscal Year 2013 on April 22, 2013. EPA approval of the Revision.0 Appendix C for Fiscal Year 2013 is still applicable to the Revision.1 Appendix C since they did not have any comments. Issuance of the EPA and SCDHEC approved Revision.1 Appendix G, Site Evaluation Areas for Fiscal Year 2013 (Print Date: 03/22/2013). In a letter dated January 31, 2013, the EPA approved the Revision.0 Appendix G for Fiscal Year 2013. In a letter dated January 25, 2013, the SCDHEC provided comments on the Revision.0 Appendix G for Fiscal Year 2013. DOE submitted the Revision.1 Appendix G for Fiscal Year 2013 to the EPA and SCDHEC on March 28, 2013. The SCDHEC approved the Revision.1 Appendix G for Fiscal Year 2013 on April 22, 2013. EPA approval of the Revision.0 Appendix G for Fiscal Year 2013 is still applicable to the Revision.1 Appendix G since they did not have any comments. Issuance of the EPA and SCDHEC approved Revision.1 Appendix H for Fiscal Year 2013 (Print Date: 03/22/2013). In a letter dated January 31, 2013, the EPA approved the Revision.0 Appendix H for Fiscal Year 2013. In a letter dated January 25, 2013, the SCDHEC provided comments on Revision.0 Appendix H for Fiscal Year 2013. DOE submitted the Revision.1 Appendix H for Fiscal Year 2013 to the EPA and SCDHEC on March 28, 2013. The SCDHEC approved the Revision.1 Appendix H for Fiscal Year 2013 on April 22, 2013. EPA approval of the Revision.0 Appendix H for Fiscal Year 2013 is still applicable to the Revision.1 Appendix H since they did not have any comments. Issuance of the EPA and SCDHEC approved Revision.0 Appendix K, D&D Facilities for Fiscal Year 2013 (Print Date: 09/20/2012). In a letter dated January 31, 2013, the EPA approved the Revision.0 Appendix K for Fiscal Year 2013. In a letter dated January 25, 2013, the SCDHEC approved the Revision.0 Appendix K for Fiscal Year 2013.

The following are synopses of the modifications made to the Agreement. Reference the Administrative Record File to view the entire modification.

Date	Section or Appendix Affected by Modification	Modification
09/18/2013	Appendix E	Issuance of an update to the approved Revision.1 Appendix E for Fiscal Year 2013. The EPA and SCDHEC approved the *2011 Biennial Groundwater Mixing Zone Report for the R-Area Reactor Seepage Basins/108-4R Overflow Basin Operable Unit (U)* (SRNS-RP-2012-00349, Revision 1, March 2013) on March 18, 2013 and April 9, 2013, respectively. This approval revised the reporting requirements and milestone/submittal date (changed from August 30 to June 30) for the R-Area Reactor Seepage Basins (904-57G, -58G, -59G, -60G, -103G, and -104G) and 108-4R Overflow Basin (108-4R) Operable Unit Groundwater Mixing Zone Report. The reporting requirements change has been recorded in the parenthetical information for the groundwater mixing zone report. On April 18, 2013, the DOE submitted the *Performance Evaluation Report for the P-Area Operable Unit Potential Source Areas 3A and 3B Subunits (SRNS-RP-2012-00335, Revision 1, April 2013) (Redline Pages and Clean Copy) and Savannah River Site Responses to Regulatory Comments on the Revision 0 Document, CERCLIS Number: 94* (ACP-13-155). The DOE submittal letter stated that the performance evaluation report (PER) documented the performance of the selected remediation technologies at PSA-3A and 3B and verified that remedial goals have been met at both subunits. The DOE submittal letter also stated that upon approval of the PER, DOE will not submit any additional PERs for these two subunits. EPA and SCDHEC approved the Revision 1 PER on May 15, 2013. Therefore, the PER submittal scheduled for November 30, 2014 was deleted. No additional PERs will be submitted. The SCDHEC and EPA approved the *Addendum to the Monitored Natural Attenuation Effectiveness Monitoring Plan for the L-Area Southern Groundwater Operable Unit (NBN)* (LASG OU) (SRNS-RP-2012-00857, Revision 1, May 2013) on June 6, 2013 and June 11, 2013, respectively. This approval revised the reporting frequency for the LASG OU Effectiveness Monitoring Report (EMR). This change has been recorded in the parenthetical information for the LASG OU EMR entries. During the July 9, 2013 C Area Operable Unit (CAOU) scoping meeting, the DOE, EPA, and SCDHEC agreed that due to ongoing/potential activities in the CAOU that could potentially impact the C-Area Discharge Canal (CADC), the CADC will not be carried forward to the CAOU Early Action Statement of Basis/Proposed Plan (EA SB/PP) and Early Action Record of Decision (EAROD). Therefore, the CADC has been removed as a subunit of the EA SB/PP and EAROD submittals. On July 17, 2013, DOE submitted an extension request for the submittal of the Revision 1 Statement of Basis/Proposed Plan for the A-Area Ash Pile (788-A), A-Area Coal Pile Runoff Basin (788-3A), and Stormwater Outfall A-013 (NBN) Operable Unit, the Revision 0 Record of Decision, and all subsequent milestones (ACP-13-180). The extension request was approved by the EPA and SCDHEC in letters dated July 19, 2013 and July 22, 2013. This update incorporates the dates from the regulatory approved extension request. Based on the approved implementation schedule, the date for the Upper Three Runs Integrator Operable Unit (Including Tims Branch [NBN]) Fourth Phase II Field Start was corrected from 05/29/2015 to 05/31/2015.

The following are synopses of the modifications made to the Agreement. Reference the Administrative Record File to view the entire modification.

Date	Section or Appendix Affected by Modification	Modification
11/19/2013	Appendix D	Issuance of EPA and SCDHEC approved Revision.0 Appendix D for Fiscal Year 2013 (Print Date: 08/27/2013). The SCDHEC provided a comment on the Revision 0 Appendix D for Fiscal Year 2013 (Print Date: 08/27/2013) on Spetember 26, 2013. The EPA provided conditional approval, pending resolution of the SCDHEC's comment, of theRevision 0 Appendix D for Fiscal Year 2013 (Print Date: 08/27/2013) on October 30, 2013. The DOE submitted a response to the SCDHEC's comment on November 5, 2013 (ACP-14-104). The SCDHEC accepted the DOE's response to their comment and approved the Revision 0 Appendix D for Fiscal Year 2013 (Print Date: 08/27/2013) on November 13, 2013. Therefore, the condition of EPA's approval has been met and the Revision 0 Appendix D for Fiscal Year 2013 (Print Date: 08/27/2013) has been approved by SCDHEC and EPA.
01/31/2014	Appendix C, Appendix G, Appendix H, and Appendix K	Issuance of the EPA and SCDHEC approved Revision 0 Appendix C, RCRA/CERCLA Units for Fiscal Year 2014 (Print Date: 09/16/2013). The SCDHEC and EPA approved the Revision 0 Appendix C for Fiscal Year 2014 on January 24, 2014 and January 31, 2014, respectively. Issuance of the EPA and SCDHEC approved Revision 0 Appendix G, Site Evaluation Areas for Fiscal Year 2014 (Print Date: 09/16/2013). The SCDHEC and EPA approved the Revision 0 Appendix G for Fiscal Year 2014 on January 24, 2014 and January 31, 2014, respectively. Issuance of the EPA and SCDHEC approved Revision 0 Appendix H for Fiscal Year 2014 (Print Date: 09/16/2013). The SCDHEC and EPA approved the Revision 0 Appendix H for Fiscal Year 2014 on January 24, 2014 and January 31, 2014, respectively. Issuance of the EPA and SCDHEC approved Revision 0 Appendix K, D&D Facilities for Fiscal Year 2014 (Print Date: 09/16/2013). The SCDHEC and EPA approved the Revision 0 Appendix K for Fiscal Year 2014 on January 24, 2014 and January 31, 2014, respectively.
05/19/2014	Appendix E	Issuance of the EPA and SCDHEC approved Revision 1 Appendix E, Long-Term Projections for Fiscal Year 2014 (Print Date: 04/04/2014). The SCDHEC and the EPA approved the Revision 1 Appendix E for Fiscal Year 2014 (Print Date: 04/04/2014) in letters dated May 15, 2014 and May 19, 2014, respectively.

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Date	Section or Appendix Affected by Modification	Modification
06/24/2014	Appendix E	Issuance of an update to the approved Revision 1 Appendix E for Fiscal Year 2014. In the May 14, 2014 C-Area Operable Unit (CAOU) Scoping Meeting that was held to discuss the CAOU Early Action Statement of Basis/Proposed Plan, DOE, EPA, and SCDHEC decided to move Building 108-3C, Fuel Unloading Facilities Power - Area Supervisor subunit from the CAOU to the C-Area Groundwater OU. This decision was made due to the presence of total petroleum hydrocarbons (TPHs) in the soils and groundwater for this subunit. The presence of the TPHs may be a potential contaminant migration to groundwater problem that indicates further characterization is necessary. The additional characterization will be completed as part of the C-Area Groundwater OU. Therefore, Building 108-3C, Fuel Unloading Facilities Power - Area Supervisor has been moved from the CAOU to the C-Area Groundwater OU. On June 16, 2014, DOE submitted an extension request for the submittal of the A-Area Ash Pile (788-A), A-Area Coal Pile Runoff Basin (788-3A), and Stormwater Outfall A-013 (NBN) Operable Unit Revision 1.2 Interim Action Statement of Basis/Proposed Plan and all subsequent milestones (ACP-14-163). The extension request was approved by the SCDHEC and EPA in letters dated June 18, 2014 and June 20, 2014. This update incorporates the dates from the regulatory approved extension request.
07/10/2014	Appendix D	Issuance of EPA and SCDHEC approved Revision 0 Appendix D for Fiscal Year 2014 (Print Date: 06/30/2014, Updated 07/10/2014). The EPA and SCDHEC approved the Revision 0 Appendix D for Fiscal Year 2014 (Print Date: 06/30/2014) on July 9, 2014 and July 10, 2014, respectively. The approved appendix was updated to include the submittal of the A-Area Miscellaneous Rubble Pile (731-6A) Operable Unit Explanation of Significant Differences (ESD) on July 9, 2014.
02/09/2015	Appendix C, Appendix G, Appendix H, and Appendix K	Issuance of the EPA and SCDHEC approved Revision 0 Appendix C, RCRA/CERCLA Units for Fiscal Year 2015 (Print Date: 09/04/2014). The SCDHEC and EPA approved the Revision 0 Appendix C for Fiscal Year 2015 on January 15, 2015 and February 6, 2015, respectively. Issuance of the EPA and SCDHEC approved Revision 0 Appendix G, Site Evaluation Areas for Fiscal Year 2015 (Print Date: 09/04/2014). The SCDHEC and EPA approved the Revision 0 Appendix G for Fiscal Year 2015 on January 15, 2015 and February 6, 2015, respectively. Issuance of the EPA and SCDHEC approved Revision 0 Appendix H for Fiscal Year 2015 (Print Date: 09/04/2014). The SCDHEC and EPA approved the Revision 0 Appendix H for Fiscal Year 2015 on January 15, 2015 and February 6, 2015, respectively. Issuance of the EPA and SCDHEC approved Revision 0 Appendix K, D&D Facilities for Fiscal Year 2015 (Print Date: 09/04/2014). The SCDHEC and EPA approved the Revision 0 Appendix K for Fiscal Year 2015 on January 15, 2015 and February 6, 2015, respectively.

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Date	Section or Appendix Affected by Modification	Modification
03/31/2015	Appendix E	Issuance of the EPA and SCDHEC approved Revision 1 Appendix E, Long-Term Projections for Fiscal Year 2015 (Print Date: 02/19/2015). The EPA and SCDHEC approved the Revision 1 Appendix E for Fiscal Year 2015 on March 26, 2015 and March 31, 2015, respectively.
07/07/2015	Appendix D, Appendix E.1, Appendix E.2, and Appendix L	Issuance of the EPA and SCDHEC approved Revision 0 Appendix D for Fiscal Year 2015 (Print Date: 05/20/2015, Updated 07/07/2015). The SCDHEC and EPA approved the Revision 0 Appendix D for Fiscal Year 2015 (Print Date: 05/20/2015) on June 15, 2015 and July 1, 2015, respectively. The Revision 0 Appendix D was updated on July 7, 2015 to include the submittal of the TNX Area Operable Unit Second Corrective Measures Implementation / Remedial Action Implementation Plan (CMI / RAIP). The submittal of this document was agreed to by the DOE, EPA, and SCDHEC. Issuance of the updated Revision 1 Appendix E.1 Deliverable Commitment Dates and Milestone Commitment Dates for FY2015 (Print Date: 02/19/2015, Updated 07/07/2015). Appendix E.1 was updated to include the "Complete Operational Closure of One (1) Tank (Tank 12H)" milestone and to revise the title of the annual TNX Area Groundwater report. Issuance of the updated Revision 1 Appendix E.2 Deliverable Commitment Dates and Milestone Commitment Dates for FY2016 (Print Date: 02/19/2015, Updated 07/07/2015). Appendix E.2 was updated to revise the title of the annual TNX Area Groundwater report. Appendix L was updated to add the "Statement of Partial Resolution of Dispute Concerning Extension of Federal Facility Agreement (FFA) Closure Date" (signed 2/10/2015) and the "Statement of Resolution of Dispute Concerning Extension of Federal Facility Agreement (FFA) Closure Date" (signed 4/27/15) . The FFA modification for these additions was signed by DOE, SCDHEC, and EPA on 5/18/2015, 5/21/15, and 6/8/15, respectively.
03/04/2016	Appendix E, Appendix G, and Appendix H	Issuance of the EPA and SCDHEC conditionally approved Revision 1 Appendix E for Fiscal Year 2016 (Print Date: 01/21/2016). The SCDHEC and EPA conditionally approved the Revision 1 Appendix E for Fiscal Year 2016 on February 26, 2016 and March 2, 2016, respectively. Issuance of the EPA and SCDHEC approved Revision 0 Appendix G for Fiscal Year 2016 (Print Date: 09/23/2015). The SCDHEC and EPA approved the Revision 0 Appendix G for Fiscal Year 2016 on January 22, 2016 and March 2, 2016, respectively. Issuance of the EPA and SCDHEC approved Revision 0 Appendix H for Fiscal Year 2016 (Print Date: 09/23/2015). The SCDHEC and EPA approved the Revision 0 Appendix H for Fiscal Year 2016 on January 22, 2016 and March 2, 2016, respectively.

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Date	Section or Appendix Affected by Modification	Modification
04/12/2016	Appendix C and Appendix K	Issuance of the EPA and SCDHEC approved Revision 0 Appendix C for Fiscal Year 2016 (Print Date: 09/23/2015). The SCDHEC and EPA approved the Revision 0 Appendix C for Fiscal Year 2016 in their letters dated April 7, 2016 and March 2, 2016, respectively. Issuance of the EPA and SCDHEC approved Revision 1 Appendix K for Fiscal Year 2016 (Print Date: 03/14/2016). The EPA approved the Revision 0 Appendix K for Fiscal Year 2016 in their letter dated March 2, 2016. The SCDHEC provided comments on the Revision 0 Appendix K for Fiscal Year 2016 in their letter dated January 22, 2016. DOE submitted the Revision 1 Appendix K for Fiscal Year 2016 to the EPA and SCDHEC on March 21, 2016. The SCDHEC approved the Revision 1 Appendix K in their letter dated April 7, 2016. EPA approval of the Revision 0 Appendix K for Fiscal Year 2016 is still applicable since they did not have any comments.
08/09/2016	Appendix D	Issuance of the EPA and SCDHEC approved Revision 0 Appendix D for Fiscal Year 2016 (Print Date: 04/18/2016). The SCDHEC and EPA approved the Revision 0 Appendix D for Fiscal Year 2016 in their letters dated June 3, 2016 and August 8, 2016, respectively.

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Date	Section or Appendix Affected by Modification	Modification
02/07/2017	Appendices C, G, H, and K	Issuance of the EPA and SCDHEC approved Revision 0 Appendix C for Fiscal Year 2017 (Print Date: 09/22/2016). The SCDHEC and EPA approved the Revision 0 Appendix C for Fiscal Year 2017 in their letters dated January 25, 2017 and February 6, 2017, respectively. Issuance of the EPA and SCDHEC approved Revision 0 Appendix G for Fiscal Year 2017 (Print Date: 09/22/2016, Updated 02/07/2017). The SCDHEC and EPA approved the Revision 0 Appendix g for Fiscal Year 2017 in their letters dated January 25, 2017 and February 6, 2017, respectively. The Site Evaluation Report (SER) for the Combined Spills from 701-1F Spill (NBN) (SRNS-RP-2016-00466, Revision 0, August 2016) was submitted to the SCDHEC and EPA on September 1, 2016. In the SER, the DOE recommended that this Site Evaluation Area be moved from FFA Appendix G.1: Areas to be Investigated to FFA Appendix G.2: Areas Determined to Require No Further Response Action. The SCDHEC and EPA approved the SER on December 15, 2016 and February 6, 2017, respectively. Therefore, the appendix was updated on to move the Combined Spills from 701-1F Spill (NBN) from Appendix G.1 to Appendix G.2. Issuance of the EPA and SCDHEC approved Revision 0 Appendix H for Fiscal Year 2017 (Print Date: 09/22/2016). The SCDHEC and EPA approved the Revision 0 Appendix H for Fiscal Year 2017 in their letters dated January 25, 2017 and February 6, 2017, respectively. Issuance of the EPA and SCDHEC approved Revision 0 Appendix K for Fiscal Year 2017 (Print Date: 09/22/2016, Updated 02/07/2017). The SCDHEC and EPA approved the Revision 0 Appendix K for Fiscal Year 2017 in their letters dated January 25, 2017 and February 6, 2017, respectively. The DOE submitted the Decommissioning Project Final Reports (DPFRs) for Building 614-59G, Air Monitor Station Storage Shed (V-PCOR-G-00030, Revision 0, August 24, 2016) and for Building 614-67G, Air Monitor Station Storage Shed (V-PCOR-G-00029, Revision 0, August 24, 2016) to the SCDHEC and EPA on September 19, 2016. The SCDHEC and EPA approved the DPFRs on October 19, 2016 and October 31, 2016, respectively. The facilities were decommissioned using the Simple Model. Based on the regulatory agreements and the decommissioning model, Appendix K was updated to move the facility remnants from FFA Appendix K.1: D&D Facilities to be Decommissioned to FFA Appendix K.2: D&D Facilities (or remnants) that Require No Further Evaluation.

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Date	Section or Appendix Affected by Modification	Modification
02/21/2017	Appendices B, D, and L	Appendix B, High-Level Radioactive Waste Tank System(s), was revised to include the 242-25H Evaporator System. The FFA modification for this revision was signed by DOE, SCDHEC, and EPA on 01/17/2017, 01/31/2017, and 02/07/2017, respectively. Issuance of the updated Revision 0 Appendix D for Fiscal Year 2016 (Print Date: 04/18/2016, Updated 02/17/2017). Based on regulatory approval, Appendix D was updated to remove the A-Area Miscellaneous Rubble Pile (731-6A) Operable Unit Issue Explanation of Significant Differences for the Revision 1.3 Record of Decision. The date for issuance of the document was revised from 09/28/2016 (Fiscal Year 2016) to 11/14/2016 (Fiscal Year 2017) during September 2016. However, based on regulatory agreement in November 2016, this milestone was completely removed from the FFA. Appendix D was also updated based on regulatory agreement during the informal dispute resolution process in 2016 to modify the Complete Bulk Waste Removal Efforts for Two (2) Tanks from 09/30/2016 (Fiscal Year 2016) to Complete Bulk Waste Removal Efforts for One tank (Tank 15H) by 10/31/2017 (Fiscal Year 2018) and Complete Bulk Waste Removal Efforts for One tank (Tank 10H) by 08/31/2018 (Fiscal Year 2018). Appendix L, Statements of Dispute Resolution, was updated to add the "2017 Update to the Statement of Resolution of Dispute Concerning Extension of Closure Dates for Savannah River Site High-Level Radioactive Waste Tanks 19 and 18 (signed 11/19/07)". The 2017 Update documents the modification to Item 5. The FFA modification for this update was signed by DOE, SCDHEC, and EPA on 01/17/2017, 01/31/2017, and 02/07/2017, respectively.
05/31/2017	Appendix E	Issuance of the EPA and SCDHEC approved Revision 1 Appendix E for Fiscal Year 2017 (Print Date: 04/17/2017). The SCDHEC and EPA approved the Revision 1 Appendix E for Fiscal Year 2017 on May 24, 2017. Appendix E.1 (Print Date: 04/17/2017, Updated 05/31/2017) was updated to reflect the agreement reached at the May 9, 2017 P-Area Groundwater Operable Unit Early Action Discussion Scoping Meeting to replace the P-Area Groundwater Operable Unit (NBN) Revision 0 Focused Corrective Measures Study/Feasibility Study (CMS/FS) Submittal with the P-Area Groundwater Operable Unit (NBN) Revision 0 Removal Site Evaluation Report/Engineering Evaluation/Cost Analysis (RSER/EE/CA) Submittal on 10/30/2017.

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Date	Section or Appendix Affected by Modification	Modification
07/05/2017	Appendices E.2 and K	Issuance of the Revision 1 Appendix E.2 for Fiscal Year 2017 (Print Date: 04/17/2017, Updated 06/30/2017). Appendix E.2 was updated to include "Issue Fifth Five-Year Remedy Review Report for Savannah River Site Operable Units with Operating Equipment" milestone on 02/07/2019. This milestone was included in the regulatory approved implementation schedule, but was inadvertently omitted from Appendix E.2. Issuance of the Revision 0 Appendix K for Fiscal Year 2017 (Print Date: 09/22/2016, Updated 06/30/2017). The SCDHEC and EPA approved the Decommissioning Project Final Report for Building 284-10H, Coal Handler Observation Building (V-PCOR-H-00009, Revision 0, February 28, 2017) on May 26, 2017 and June 8, 2017, respectively. Building 284-10H was decommissioned as a Clean Building, Simple Model facility. Based on approval of the Decommissioning Project Final Report, Building 284-10H was moved from Appendix K.1 to Appendix K.2.
07/31/2017	Appendix D	Issuance of the SCDHEC and EPA approved Revision 0 Appendix D for Fiscal Year 2017 (Print Date: 06/20/2017). The SCDHEC and EPA approved the Revision 0 Appendix D for Fiscal Year 2017 in their letters dated July 13, 2017 and July 31, 2017, respectively.
11/16/2017	Appendices D and L	Issuance of the updated Revision 0 Appendix D for Fiscal Year 2017 (Print Date: 06/20/2017; Updated 11/10/2017) to reflect the agreements reached in the *Suspension Agreement Federal Facility Agreement (FFA) High-Level Waste (HLW) Tank Milestones*, which was signed by DOE and SCDHEC on 11/6/2017 and EPA on 11/8/2017) for Complete Bulk Waste Removal Efforts for Three (3) Tanks - 9/30/2017 and Complete Operational Closure of Two (2) Tanks - 9/30/2017. Appendix D was also updated to reflect the submittal of the Revision 0 C-Area Groundwater Operable Unit Removal Site Evaluation Report/Engineering Evaluation/Cost Analysis (RSER/EE/CA) - 9/28/2017. Appendix L, Statements of Dispute Resolution, was updated to add the *Suspension Agreement Federal Facility Agreement (FFA) High-Level Waste (HLW) Tank Milestones*, which was signed by DOE and SCDHEC on 11/6/2017 and EPA on 11/8/2017.
02/16/2018	Appendices G and H	Issuance of the SCDHEC and EPA approved Revision 0 Appendix G for Fiscal Year 2018 (Print Date: 09/20/2017). The SCDHEC and EPA approved the Revision 0 Appendix G for Fiscal Year 2018 in their letters dated January 25, 2018 and February 16, 2018, respectively. Issuance of the SCDHEC and EPA approved Revision 0 Appendix H for Fiscal Year 2018 (Print Date: 09/20/2017). The SCDHEC and EPA approved the Revision 0 Appendix H for Fiscal Year 2018 in their letters dated January 25, 2018 and February 16, 2018, respectively.

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Date	Section or Appendix Affected by Modification	Modification
02/23/2018	Appendix E	Issuance of the SCDHEC and EPA approved Revision 0 Appendix E for Fiscal Year (FY) 2018 (Print Date: 11/03/2017, Updated 02/23/2018). The SCDHEC provided comments on the Revision 0 Appendix E for FY2018 (Print Date: 11/03/2017) in their letter dated December 21, 2017. The EPA approved the Revision 0 Appendix E for FY2018 (Print Date: 11/03/2017) in their letter dated January 4, 2018. The DOE submitted the responses to the SCDHEC's comments on January 31, 2018. The SCDHEC approved the responses in their letter dated February 20, 2018. The responses to the SCDHEC's comments did not result in a revision to the Appendix E for FY2018. However, Appendix E was updated to reflect the agreements reached in the *Suspension Agreement Federal Facility Agreement (FFA) High-Level Waste (HLW) Tank Milestones,* dated November 2017 (Appendix L) to add two removal actions for the D-Area Groundwater Operable Unit.
03/23/2018	Appendices C and K	Issuance of the SCDHEC and EPA approved Revision 0 Appendix C [C.3 through C.5] for Fiscal Year 2018 (Print Date: 09/20/2017) and Revision 1 Appendix C [C.1 and C.2] for Fiscal Year 2018 (Print Date: 02/16/2018). Issuance of the SCDHEC and EPA approved Revision 0 Appendix K [K.2] for Fiscal Year 2018 (Print Date: 09/20/2017) and Revision 1 Appendix K [K.1] for Fiscal Year 2018 (Print Date: 02/16/2018). On January 25, 2018, the SCDHEC provided comments on the Revision 0 Appendix C RCRA/CERCLA Units for Fiscal Year (FY) 2018 (Print Date: 09/20/2017) and Revision 0 Appendix K D&D Facilities for FY2018 (Print Date: 09/20/2017). On February 16, 2018, the EPA approved the Revision 0 Appendices C and K for FY2018. The SCDHEC's comments resulted in revisions to Appendices C.1, C.2 and K.1; they did not result in any revisions to Appendices C.3, C.4, C.5 and K.2. On March 21, 2018, the SCDHEC approved the Revision 1 Appendices C and K for FY2018. EPA approval of the Revision 0 Appendices C and K for FY2018 is still applicable since they did not have any comments.

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Date	Section or Appendix Affected by Modification	Modification
05/18/2018	Appendices E and L	Issuance of the updated Appendix E for Fiscal Year (FY) 2018 (Print Date: 11/03/2017, Updated 05/18/2018) to reflect the SCDHEC and EPA approved extension request for the submittal of the Feasibility Study and subsequent milestones for the Lower Three Runs Integrator Operable Unit (IACD-18-141, dated March 15, 2018). SCDHEC and EPA approved the extension request on March 19, 2018 and March 29, 2018, respectively. Appendix E for FY2018 (Print Date: 11/03/2017, Updated 05/18/2018) was also updated to reflect the revised dates listed in the *2018 Update to the Suspension Agreement Federal Facility Agreement (FFA) High-Level Waste Tank Milestones (signed 11/2017)* to change the D-Area Groundwater Operable Unit removal action to a treatability study. The FFA modification for the 2018 Update was signed by DOE, SCDHEC, and EPA on May 2, 2018, May 8, 2018, and May 10, 2018, respectively. Appendix L, Statements of Dispute Resolution, was updated to add the *2018 Update to the Suspension Agreement Federal Facility Agreement (FFA) High-Level Waste Tank Milestones (signed 11/2017).* EPA replaced its CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) database with the SEMS (Superfund Enterprise Management System) database. Therefore, CERCLIS was replaced by SEMS in this update to Appendix E.
06/07/2018	Appendix E	Issuance of the updated Appendices E.1 and E.3 for Fiscal Year 2018 (Print Date: 11/03/2017, Updated 06/07/2018) to reflect the dates from the revised implementation schedule that is included in the Record of Decision Remedial Alternative Selection for the Wetland Area at Dunbarton Bay in Support of Steel Creek Integrator Operable Unit (U) (SRNS-RP-2013-00730, Revision 1, April 2018) that was signed by DOE, EPA, and SCDHEC on May 7, 2018, May 21, 2018, and June 4, 2018, respectively.

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Date	Section or Appendix Affected by Modification	Modification
08/06/2018	Appendices D and E	Issuance of the updated Appendix D for Fiscal Year 2018 (Print Date: 07/05/2018, Updated 08/03/2018). The SCDHEC and EPA conditionally approved the Revision 0 Appendix D for FY2018 (Print Date: 07/05/2018) on August 2, 2018 and August 3, 2018, respectively. The conditional approval letters requested that Appendix D be updated to delete the "Complete the Bulk Waste Removal Efforts for One (1) Tank (Tank 10H)" milestone (due date 8/31/2018) from the FY2018 Appendix D. This deletion was in accordance with SCDHEC's and EPA's approval of the DOE's "Extension Request for Completion of Bulk Waste Removal Efforts for One Tank by 8/31/18 (SEMS Number: 89)" (WDPD-18-34, dated July 19, 2018) on August 2, 2018. Issuance of the updated Appendices E.1 and E.2 for Fiscal Year 2018 (Print Date: 11/03/2017, Updated 08/03/2018). DOE submitted an extension request for "Completion of the Bulk Waste Removal Efforts for One Tank by 08/31/2018 (SEMS Number: 89)" (WDPD-18-34, dated July 19, 2018). The SCDHEC and EPA approved the extension request on August 2, 2018. The approval letters requested that DOE include a milestone for the restart of the Bulk Waste Removal Effort (BWRE) activities (i.e., water addition) in Tank 10H along with the proposed extension for completion of BWRE at Tank 10H. The restart activities have a date of 1/31/2019 (FY2019) and the complete BWRE has a date of 11/30/2019 (FY2020).
09/05/2018	Appendix L	Appendix L, Statement of Dispute Resolution, was updated to add *2018 Update to the Statement of Resolution of Dispute Concerning Extension of Closure Dates for Savannah River Site High-Level Radioactive Waste Tanks 19 and 18 (signed 11/19/07)*.
09/17/2018	Appendix E	Issuance of the updated Appendix E for Fiscal Year 2018 (Print Date: 11/03/2017, Updated 09/14/2018). DOE submitted an extension request for the Early Action Statement of Basis/Proposed Plan for the D-Area Operable Unit (SRNS-RP-2017-00723, Revision 1) and Subsequent Milestones (IACD-18 -174, dated August 23, 2018). The SCDHEC and EPA approved the extension request on August 27, 2018 and September 13, 2018, respectively. Appendix E was updated to reflect the regulatory approved changes.
10/04/2018	Appendices D and E	Issuance of the updated Appendix D for Fiscal Year 2018 (Print Date: 07/05/2018, Updated 10/03/218) and Appendix E.1 for Fiscal Year 2018 (Print Date: 11/03/2017, Updated 10/03/2018). DOE submitted an extension request for the Removal Site Evaluation Report/Engineering Evaluation/Cost Analysis (RSER/EE/CA) for D-Area Coal Storage Area (484-17D) (U) (SRNS-RP-2018 -00813, Revision 0) (IACD-18-183, dated September 25, 2018). The extension request was for the RSER/EE/CA and the Action Memorandum. The EPA and SCDHEC approved the extension request on September 25, 2018 and September 27, 2018, respectively. Appendices D and E.1 were updated to reflect the regulatory approved changes.

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Date	Section or Appendix Affected by Modification	Modification
01/03/2019	Appendix E.1	Issuance of the updated Appendix E.1 for Fiscal Year 2018 (Print Date: 11/03/2017, Updated 01/03/2019). The preferred remedy for the G-Area Oil Seepage Basin (761-13G) Operable Unit (GOSB OU) does not include Land Use Controls. Therefore, in Section X. Post-ROD Schedule, of the Statement of Basis/Proposed Plan for the GOSB OU (SRNS-RP-2018-00460, Revision 1 Redline, October 2018), the reference to the submittal of a Land Use Control Implementation Plan was removed. The EPA and SCDHEC approved the redline document on 10/30/2018 and 11/08/2018, respectively. With these approvals, the milestone for the "G-Area Oil Seepage Basin (761-13G) Operable Unit Revision 0 Land Use Control Implementation Plan Submittal" on 09/05/2019 was deleted from Appendix E.1.
02/15/2019	Appendices C, E, G, H, and K	Issuance of the SCDHEC and EPA approved Revision 0 Appendix C for Fiscal Year 2019 (Print Date: 09/21/2018). The SCDHEC and EPA approved the Revision 0 appendix in their letters dated January 9, 2019 and February 6, 2019, respectively. Issuance of the SCDHEC and EPA approved Revision 0 Appendix E for Fiscal Year 2019 (Print Date: 10/26/2018, Updated 02/15/2019). The SCDHEC and EPA approved the Revision 0 appendix in their letters dated December 19, 2018 and February 6, 2019, respectively. On February 7, 2019, DOE submitted an extension request for the submittal of the Lower Three Runs Integrator Operable Unit (IOU) Proposed Plan and subsequent milestones (IACD-19 -125). The SCDHEC and EPA approved the extension request in their respective letters dated February 12, 2019. Therefore, the Revision 0 Appendix E was updated to reflect the approved changes to the Lower Three Runs IOU milestones. Issuance of the SCDHEC and EPA approved Revision 0 Appendix G for Fiscal Year 2019 (Print Date: 09/21/2018). The SCDHEC and EPA approved the Revision 0 appendix in their letters dated January 9, 2019 and February 6, 2019, respectively. Issuance of the SCDHEC and EPA approved Revision 0 Appendix H for Fiscal Year 2019 (Print Date: 09/21/2018). The SCDHEC and EPA approved the Revision 0 appendix in their letters dated January 9, 2019 and February 7, 2019, respectively. Issuance of the SCDHEC and EPA approved Revision 0 Appendix K for Fiscal Year 2019 (Print Date: 09/21/2018). The SCDHEC and EPA approved the Revision 0 appendix in their letters dated January 9, 2019 and February 6, 2019, respectively.

The following are synopses of the modifications made to the Agreement. Reference the Administrative Record File to view the entire modification.

Date	Section or Appendix Affected by Modification	Modification
05/08/2019	Appendices D, E, and L	The Revision 0 Appendix D for Fiscal Year 2019 (Print Date: 02/20/2019) was conditionally approved by SCDHEC and EPA on 03/28/2019 and 04/08/2019, respectively. Appendices D and E were updated to reflect agreements from SCDHEC and EPA approved extension requests for the Proposed Plan (SRNS-RP-2019-00058, Revision 0) and Subsequent Milestones for the Lower Three Runs Integrator Operable Unit, SEMS Number: 35 (IACD-19-142, dated April 11, 2019) and the Removal Site Evaluation Report/Engineering Evaluation/Cost Analysis (RSER/EE/CA) for the D-Area Coal Storage Area (484-17D) (U) (SRNS-RP-2018-00813, Revision 1) (Including the Savannah River Site's Responses to Regulatory Comments on the Revision 0 Document) and Subsequent Milestones for the D-Area Coal Storage Area, SEMS Number: 63 (IACD-19-147, dated April 30, 2019). Appendices D and E were also updated based on the regulatory approved Scoping Summary for Optimization of the Savannah River Site Integrator Operable Unit Program (Phase II) (U) (ERD-EN-2019-0007, March 2019 (Final)) and to reflect regulatory agreements listed in the DOE, SCDHEC, and EPA signed *2019 Suspension Agreement Federal Facility Agreement (FFA) High Level Waste (HLW) Tank Milestones*. Issuance of the updated Revision 0 Appendix D for Fiscal Year 2019 (Print Date: 02/20/2019, Updated 05/08/2019). Issuance of the updated Revision 0 Appendix E for Fiscal Year 2019 (Print Date: 02/20/2019, Updated 05/08/2019). Appendix L, Statement of Dispute Resolution, was updated to add *2019 Suspension Agreement Federal Facility Agreement (FFA) High Level Waste (HLW) Tank Milestones.*
07/22/2019	Appendices D and E	Issuance of the updated Revision 0 Appendix D for Fiscal Year 2019 (Print Date: 02/20/2019, Updated 07/22/2019). Appendix D was updated to reflect the dates in the regulatory approved extension requests for the submittal of the Resource Conservation and Recovery Act (RCRA) Facility Investigation / Remedial Investigation (RFI/RI) Work Plan for the D-Area Groundwater Operable Unit (IACD-19-160, dated June 12, 2019) and the submittal of the Proposed Plan and subsequent milestones for the Lower Three Runs Integrator Operable Unit (IACD-19-167, dated June 27, 2019). Issuance of the updated Revision 0 Appendix E for Fiscal Year 2019 (Print Date: 02/20/2019, Updated 07/22/2019). Appendix E was updated to reflect the dates in the regulatory approved extension request for the submittal of the Proposed Plan and subsequent milestones for the Lower Three Runs Integrator Operable Unit (IACD-19-167, dated June 27, 2019).