



Department of Energy
Savannah River Operations Office
P.O. Box A
Aiken, South Carolina 29802

NOV 14 2017

Ms. Susan B. Fulmer, P. G., Manager
Federal Remediation Section
Division of Site Assessment, Remediation and Revitalization
Bureau of Land and Waste Management
South Carolina Department of Health and Environmental Control
2600 Bull Street
Columbia, South Carolina 29201

Mr. Jon Richards
Acting Savannah River Site Remedial Project Manager
Superfund Division
U. S. Environmental Protection Agency, Region 4
61 Forsyth Street, SW
Atlanta, Georgia 30303

Dear Ms. Fulmer and Mr. Pope:

SUBJECT: Federal Facility Agreement Revision 0 Appendix E, Long-Term Projections for Fiscal Year 2018 (Print Date: 11/03/2017)

In accordance with the terms of Section XIX.C of the Federal Facility Agreement for the Savannah River Site (SRS), the U.S. Department of Energy (DOE) is submitting the Revision 0 Appendix E, Long-Term Projections for Fiscal Year (FY) 2018 (Print Date: 11/03/2017) (Enclosure 1) for your review. The proposed changes or additions below are based on previously agreed commitments or the enclosed implementation schedules.

The enclosed Appendix E maintains progress and protects human health and the environment. We ask that you provide us with an opportunity to discuss any concerns that you may have before providing your comments.

Proposed Changes or Additions

During the May 9, 2017 P-Area Groundwater (PAGW) Operable Unit (OU) Early Action Discussion Scoping Meeting, the DOE, South Carolina Department of Health and Environmental Control (SCDHEC), and U.S. Environmental Protection Agency (EPA) agreed to conduct a non-time critical removal action for the PAGW OU. This agreement included a delay in the final remedial decision for PAGW OU. Therefore, the milestones for the PAGW OU were revised as noted below. The revised schedule below allows sufficient time to monitor and evaluate the removal action data before proceeding with the final remedial decision. Based on this agreement the associated milestones or deliverables were either removed from or not added to Appendices E.1 or E.2 and the Issue Record of Decision (ROD) and Remedial Action (RA) Start dates in Appendix E.3 were revised, accordingly.

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Milestone or Deliverable	Current Date	Proposed Date
Revision 0 Statement of Basis/Proposed Plan (SB/PP) Submittal	November 12, 2018	December 27, 2029
Revision 0 ROD Submittal	July 8, 2019	August 24, 2030
Issue ROD	March 30, 2020	May 7, 2031
Revision 0 Corrective Measures Implementation/Remedial Action Implementation Plan (CMI/RAIP) Submittal	September 8, 2020	October 26, 2031
Revision 0 Land Use Control Implementation Plan (LUCIP) Submittal	September 8, 2020	October 26, 2031
RA Start	June 7, 2021	July 4, 2032

During the July 18, 2017 C-Area Groundwater CAGW OU Scoping Meeting, the DOE, SCDHEC, and EPA agreed to conduct a non-time critical removal action for the CAGW OU. This agreement included a delay in the final remedial decision for CAGW OU. Therefore, the milestones for the CAGW OU were revised as noted below. The revised schedule below allows sufficient time to monitor and evaluate the removal action data before proceeding with the final remedial decision. Based on this agreement the associated milestones or deliverables were either removed from or not added to Appendices E.1 or E.2 and the Issue ROD and RA Start dates in Appendix E.3 were revised, accordingly.

Milestone or Deliverable	Current Date	Proposed Date
Revision 0 Focused Corrective Measures Study/Feasibility Study (CMS/FS) Submittal	May 1, 2018*	April 20, 2025
Revision 0 SB/PP Submittal	November 1, 2018	December 2, 2025
Revision 0 ROD Submittal	June 17, 2019	July 19, 2026
Issue ROD	March 12, 2020	April 8, 2027
Revision 0 CMI/RAIP Submittal	April 24, 2020	August 9, 2027
Revision 0 LUCIP Submittal	April 24, 2020	August 9, 2027
RA Start	June 30, 2021	July 18, 2028

*This is a FY2018 milestone.

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Appendix E.1 (FY2019)

1. Based on the removal action implementation schedule included in the CAGW OU Removal Site Evaluation Report/Engineering Evaluation/Cost Analysis (RSER/EE/CA) (SRNS-RP-2017-00365, Revision 0, September 2017) submitted on September 28, 2017 and previous agreements with the SCDHEC and EPA, the C-Area Groundwater Operable Unit (NBN) Removal Action Start was added with a date of 01/30/2019.
2. Based on the removal action implementation schedule included in the PAGW OU RSER/EE/CA (SRNS-RP-2017-00372, Revision 0, October 2017) submitted on October 30, 2017 and previous agreements with the SCDHEC and EPA, the P-Area Groundwater Operable Unit (NBN) Removal Action Start was added with a date of 04/30/2019.
3. The SRS submitted the *K-Area Burning/Rubble Pit and Rubble Pile (131-K and 631-20G) (KBRP), L-Area Burning/Rubble Pit and Rubble Pile (131-L, 131-3L, and 131-2L) (LBRP), and P-Area Burning/Rubble Pit (131-P) (PBRP) Operable Units (OUs) Detailed Combined Groundwater Monitoring Report* (SRNS-RP-2017-00356, Revision 0, June 2017) on June 29, 2017. The report included data and a recommendation to discontinue monitoring and reporting at the LBRP OU. The EPA and SCDHEC agreed with this recommendation in their letters dated October 3, 2017 (ARF-021264) and October 25, 2017 (ARF-021283), respectively. Therefore, the title of the deliverable was revised to remove "L-Area Burning/Rubble Pit and Rubble Pile (131-L, 131-3L, and 131-2L) (LBRP)". This change in title is also reflected in Appendix E.2 for the FY2020 submittal. There was no change to the submittal date in either Appendix E.1 or E.2.
4. Based on the reporting frequency stated in the regulatory approved *Effectiveness Monitoring Plan for the R-Area Operable Unit* (SRNS-RP-2010-01259, Revision 1, April 2011) and the recommendations in the *R-Area Groundwater (NBN) Effectiveness Monitoring Report in Support of R Area Operable Unit January 2016 through December 2016* (SRNS-RP-2017-00232, Revision 0, June 2017), the entry for the R-Area Operable Unit (NBN) Effectiveness Monitoring Report was revised as follows: "R-Area 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)". There was no change to the submittal date.
5. Based on the enclosed D-Area OU 2nd Early Action Implementation Schedule (Enclosure 2), the date for the issuance of the Second Early Action ROD for 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) was revised from 06/30/2019 to 07/01/2019.

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6. Based on the enclosed D-Area Groundwater OU Implementation Schedule (Enclosure 3), the D-Area Groundwater Operable Unit (D-Area Upgradient Sources) Revision 0 Resource Conservation and Recovery Act (RCRA) Facility Investigation/Remedial Investigation Work Plan Submittal was added with a date of 07/25/2019.

Appendix E.2 (FY2020)

1. Based on the enclosed Sixth Five-Year Remedy Review Report for SRS OUs with Groundwater Remedies implementation schedule (Enclosure 4), the Revision 0 Sixth Five-Year Remedy Review Report for Savannah River Site Operable Units with Groundwater Remedies Submittal was added with a date of 12/20/2019.
2. Based on the Sixth Five-Year Remedy Review Report for SRS OUs with Native Soil Covers and/or Land Use Controls implementation schedule submitted with the Revision 0 Appendix E for FY2017 (IACD-17-109, dated November 15, 2016), the Issue Sixth Five-Year Remedy Review Report for SRS OUs with Native Soil Covers and/or Land Use Controls was added with a date of 02/06/2020.
3. Based on the enclosed ECODS N-1, CS Scrap Lumber Pile, and Bldg 690-N Implementation Schedule (Enclosure 5), the 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) Operable Unit Revision 0 Resource Conservation and Recovery Act (RCRA) Facility Investigation/Remedial Investigation (RFI/RI) Work Plan Submittal was added with a date of 02/14/2020. In addition, a Field Start for the OU was added with a date of 09/21/2020.
4. Based on the enclosed LTR IOU Implementation Schedule (Enclosure 6), the Lower Three Runs Integrator Operable Unit Issue Record of Decision Remedial Alternative Selection milestone was added with a date of 03/27/2020.
5. Based on the enclosed D-Area OU 2nd Early Action Implementation Schedule (Enclosure 2), the Early Action Remedial Action Start for 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) was added with a date of 05/31/2020.
6. Based on agreements reached with the approval of the Revision 1 Appendix E for FY2015 (IACD-15-129, dated March 2, 2015), the DOE has enclosed the A-Area Ash Pile (788-A), A-Area Coal Pile Runoff Basin (788-3A), and Stormwater Outfall A-013 (NBN) (AAP/CPRB) OU Implementation Schedule (Enclosure 7). The implementation schedule includes the submittal of a Revision 1.2 Interim Action Statement of Basis/Proposed Plan on 06/22/2020. However, because this is not a Revision 0 submittal is not listed in Appendix E.2. The SRS will follow the implementation schedule, unless DOE, SCDHEC, and EPA agree on a different path forward.

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7. Based on the enclosed D-Area Groundwater OU Implementation Schedule (Enclosure 3), the D-Area Groundwater Operable Unit (D-Area Upgradient Sources) Field Start was added with a date of 06/30/2020.
8. Based on the G-Area Oil Seepage Basin implementation schedule that was submitted with the Revision 1 Appendix E for FY2016 (IACD-16-120, dated January 29, 2016), the G-Area Oil Seepage Basin (761-13G) Operable Unit Remedial Action Start was added with a date of 09/30/2020.

Appendix E.3 (FY2021+)

1. Based on the enclosed ECODS N-1, CS Scrap Lumber Pile, and Bldg 690-N Implementation Schedule (Enclosure 5), the ROD Issuance date was revised from 09/2023 to 12/2023. The original date was listed without an implementation schedule.
2. The Field Start, ROD Issuance, and RA Start dates for the C-Area OU subunits were removed since these activities are complete.
3. The early action RA Start dates for the Area OUs listed below were revised to reflect a 15-month difference between the ROD Issuance and RA Start dates. This was an oversight in previous submittals and not a deliberate departure from the generic OU schedule. During the scoping process for these Area OUs, more detailed and definitive implementation schedules will be developed.

Area OU	FY2017 Early Action RA Start Date	FY2018 Early Action RA Start Date
F Area Operable Unit	January 2027	January 2028
K Area Operable Unit	January 2040	January 2041
L Area Operable Unit	January 2041	January 2042
A Area Operable Unit	January 2039	January 2040

4. The Sandblast Area CMN-001 (NBN) is an active unit and will continue to remain active. Therefore, it was removed as a subunit of the 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) OU and added as a subunit for the early action at the N-Area Operable Unit.

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5. As discussed and agreed to during the September 27, 2017 Additional D-Area Cinder/Ash Areas conference call, the Savannah River and Floodplain Swamp Integrator Operable Unit (Including Beaver Dam Creek [NBN]) entry was revised as following: 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. In addition, a footnote was added to explain the revised entry: “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.” The D-Area Effluent Discharge Canal and Ash Area Adjacent to and Easterly of D-Area Ash Basins 488-1D and 488-2D is shown in Enclosure 8.

The High-Level Waste (HLW) Tank commitments in this appendix are from Appendix L. The DOE, SCDHEC, and EPA are currently in discussion regarding suspending Appendix L Items #6, #7, and #12 commitments for completion of bulk waste removal efforts and operational closure of HLW tanks until May 2019. Part of the suspension agreement includes performing two removal actions associated with D-Area Groundwater. During the development of the Revision 0 Appendix E for FY2018 discussions were ongoing regarding the HLW Tanks-Suspension Agreement; therefore, the milestone dates associated with these removal actions will be incorporated into the Revision 1 Appendix E for FY2018.

To aid in your review of the Revision 0 Appendix E for FY2018 Enclosures 9 through 12 are also provided:

9. Tally of Milestones for Fiscal Year 2019
10. Tally of Milestones for Fiscal Year 2020
11. Tally of Milestones for Fiscal Years 2018 – 2065
12. FY2017 Appendix E Rev. 1 (04/17/2017) and FY2018 Appendix E Rev. 0 (11/03/2017)
Comparison Table

03 *elm*
5/10/2018

The comparison table is being provided instead of the Area Completion Plan. The Area Completion Plan will be included with the Revision 1 Appendix E for FY2018.

Please review the enclosures and provide your comments by December 31, 2017. The effort and time that the EPA and SCDHEC have given on the subject appendix are greatly appreciated.


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Questions from you or your staff may be directed to me at (803) 952-8365.

Sincerely,



Brian T. Hennessey
SRS Remedial Project Manager
Infrastructure and Area Completion Division

IACD-18-103

Enclosures:

1. Revision 0 Appendix E, Long-Term Projections for Fiscal Year 2018 (Print Date: 11/03/2017)
2. D-Area Operable Unit Second Early Action Implementation Schedule
3. D-Area Groundwater Operable Unit Implementation Schedule
4. Sixth Five-Year Remedy Review Report for Savannah River Site Operable Units with Groundwater Remedies Implementation Schedule
5. 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) Operable Unit Implementation Schedule
6. Lower Three Runs Integrator Operable Unit Implementation Schedule
7. A-Area Ash Pile (788-A), A-Area Coal Pile Runoff Basin (788-3A), and Stormwater Outfall A-013 (NBN) Operable Unit Implementation Schedule
8. Figure Showing the D-Area Effluent Discharge Canal and Ash Area Adjacent to and Easterly of D-Area Ash Basins 488-1D and 488-2D
9. Tally of Milestones for Fiscal Year 2019
10. Tally of Milestones for Fiscal Year 2020
11. Tally of Milestones for Fiscal Years 2018-2065
12. FY2017 Appendix E Rev. 1 (04/17/2017) and FY2018 Appendix E Rev. 0 (11/03/2017) Comparison Table

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cc w/o encl:

R. Campbell, EPA – Atlanta
R. H. Pope, EPA - Atlanta
D. Scaturo, SCDHEC-Columbia
S. French, SCDHEC-Columbia
M. D. Wilson, SCDHEC-Columbia
G. K. Taylor, SCDHEC-Columbia
T. R. Fuss, SCDHEC – Aiken Environmental Affairs Office

cc w/encl:

D. Lloyd, EPA - Atlanta
J. Tufts, EPA - Atlanta

Enclosure 1

**Revision 0 Appendix E, Long-Term Projections for Fiscal Year 2018
(Print Date: 11/03/2017)**

Revision 0 Appendix E: Fiscal Year 2018 Long-Term Projections
E.1: Deliverable Commitment Dates and Milestone Commitment Dates for FY 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): NA	CERCLIS OU Number(s): NA
Revision 0 Appendix H, RCRA Regulated Units for Fiscal Year 2019 Submittal	10/01/2018
SRS Unit Index Number(s): NA	CERCLIS OU Number(s): NA
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	10/02/2018
SRS Unit Index Number(s): 238	CERCLIS OU 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	10/02/2018
SRS Unit Index Number(s): 272	CERCLIS OU 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	10/02/2018
SRS Unit Index Number(s): 548	CERCLIS OU 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	10/02/2018
SRS Unit Index Number(s): 69	CERCLIS OU Number(s): 63
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	CERCLIS OU 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): NA	CERCLIS OU Number(s): NA
Lower Three Runs Integrator Operable Unit Revision 0 Proposed Plan Submittal	11/30/2018
SRS Unit Index Number(s): 505 110 312	CERCLIS OU Number(s): 35
Administrative Record File Indices Annual Update for Fiscal Year 2018 Submittal	12/01/2018
SRS Unit Index Number(s): NA	CERCLIS OU Number(s): NA
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): NA	CERCLIS OU Number(s): NA
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): NA	CERCLIS OU Number(s): NA

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.

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¹ This facility was not addressed per 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 2018 Long-Term Projections
E.1: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2019

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
Removal Actions Performed in Fiscal Year 2018 Report Submittal SRS Unit Index Number(s): NA CERCLIS OU Number(s): NA	01/01/2019
G-Area Oil Seepage Basin (761-13G) Operable Unit Revision 0 Record of Decision Remedial Alternative Selection Submittal SRS Unit Index Number(s): 77 CERCLIS OU Number(s): 93	01/28/2019
C-Area Groundwater Operable Unit (NBN) Removal Action Start SRS Unit Index Number(s): 146 CERCLIS OU Number(s): 82	01/30/2019
Issue Fifth Five-Year Remedy Review Report for Savannah River Site Operable Units with Operating Equipment SRS Unit Index Number(s): N/A CERCLIS OU Number(s): N/A	02/07/2019
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 CERCLIS OU Number(s): 23 89	03/09/2019
Upper Three Runs Integrator Operable Unit (Including Tims Branch [NBN]) Fifth Phase II Field Start SRS Unit Index Number(s): 510 456 CERCLIS OU Number(s): 70	03/31/2019
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 CERCLIS OU Number(s): 19	04/02/2019
P-Area Groundwater Operable Unit (NBN) Trichloroethylene Plumes Discharging to Steel Creek Removal Action Start SRS Unit Index Number(s): 143 CERCLIS OU Number(s): 81	04/30/2019
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 CERCLIS OU Number(s): 28	05/31/2019
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 CERCLIS OU Number(s): 24	06/17/2019

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¹ This facility was not addressed per 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 2018 Long-Term Projections

E.1: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2019

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
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 CERCLIS OU Number(s): 31	06/30/2019
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.) SRS Unit Index Number(s): 84 88 108 CERCLIS OU Number(s): 40 59	06/30/2019
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 CERCLIS OU Number(s): 95	06/30/2019
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.) SRS Unit Index Number(s): 25 CERCLIS OU Number(s): 21 29	06/30/2019
D-Area Ash Basin (488-1D) Issue Second Early Action Record of Decision Remedial Alternative Selection in Support of D-Area Operable Unit SRS Unit Index Number(s): 238 CERCLIS OU Number(s): 63	07/01/2019
D-Area Ash Basin (488-2D) Issue Second Early Action Record of Decision Remedial Alternative Selection in Support of D-Area Operable Unit SRS Unit Index Number(s): 272 CERCLIS OU Number(s): 63	07/01/2019
D-Area Ash Landfill (488-4D) Issue Second Early Action Record of Decision Remedial Alternative Selection in Support of D-Area Operable Unit SRS Unit Index Number(s): 548 CERCLIS OU Number(s): 63	07/01/2019
D-Area Coal Pile Runoff Basin (489-D) Issue Second Early Action Record of Decision Remedial Alternative Selection in Support of D-Area Operable Unit SRS Unit Index Number(s): 69 CERCLIS OU Number(s): 63	07/01/2019
D-Area Ash Basin (488-1D) Revision 0 Second Early Action Land Use Control Implementation Plan in Support of D-Area Operable Unit Submittal SRS Unit Index Number(s): 238 CERCLIS OU Number(s): 63	07/03/2019
D-Area Ash Basin (488-2D) Revision 0 Second Early Action Land Use Control Implementation Plan in Support of D-Area Operable Unit Submittal SRS Unit Index Number(s): 272 CERCLIS OU Number(s): 63	07/03/2019

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¹ This facility was not addressed per 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 2018 Long-Term Projections
E.1: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2019

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
D-Area Ash Landfill (488-4D) Revision 0 Second Early Action Land Use Control Implementation Plan in Support of D-Area Operable Unit Submittal SRS Unit Index Number(s): 548 CERCLIS OU Number(s): 63	07/03/2019
D-Area Coal Pile Runoff Basin (489-D) Revision 0 Second Early Action Land Use Control Implementation Plan in Support of D-Area Operable Unit Submittal SRS Unit Index Number(s): 69 CERCLIS OU Number(s): 63	07/03/2019
Lower Three Runs Integrator Operable Unit Revision 0 Record of Decision Remedial Alternative Selection Submittal SRS Unit Index Number(s): 505 110 312 CERCLIS OU Number(s): 35	07/17/2019
D-Area Groundwater Operable Unit (D-Area Upgradient Sources) Revision 0 Resource Conservation and Recovery Act (RCRA) Facility Investigation/Remedial Investigation Work Plan Submittal SRS Unit Index Number(s): 520 CERCLIS OU Number(s): 63	07/25/2019
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 SRS Unit Index Number(s): 509 462 CERCLIS OU Number(s): 71	07/30/2019
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 CERCLIS OU Number(s): 63	07/31/2019
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 CERCLIS OU Number(s): 27	07/31/2019
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 CERCLIS OU Number(s): 30	08/01/2019
G-Area Oil Seepage Basin (761-13G) Operable Unit Revision 0 Corrective Measures Implementation/Remedial Action Implementation Plan Submittal SRS Unit Index Number(s): 77 CERCLIS OU Number(s): 93	09/05/2019
G-Area Oil Seepage Basin (761-13G) Operable Unit Revision 0 Land Use Control Implementation Plan Submittal SRS Unit Index Number(s): 77 CERCLIS OU Number(s): 93	09/05/2019
Complete Bulk Waste Removal Efforts for One (1) Tank SRS Unit Index Number(s): NA CERCLIS OU Number(s): 23 or 89	09/30/2019
Complete Operational Closure of Two (2) Tanks SRS Unit Index Number(s): NA CERCLIS OU Number(s): 23 or 89	09/30/2019

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¹ This facility was not addressed per 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 2018 Long-Term Projections
E.1: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2019

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
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	CERCLIS OU Number(s): 93
Pen Branch Integrator Operable Unit (Including Indian Grave Branch [NBN]) Revision 0 Periodic Report 5 Submittal	09/30/2019
SRS Unit Index Number(s): 506 460	CERCLIS OU Number(s): 74

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.

CERCLIS: The EPA's Comprehensive Environmental Response, Compensation, and Liability Information System

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Revision 0 Appendix E: Fiscal Year 2018 Long-Term Projections
E.2: 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): NA	CERCLIS OU Number(s): NA
Revision 0 Appendix H, RCRA Regulated Units for Fiscal Year 2020 Submittal	10/01/2019
SRS Unit Index Number(s): NA	CERCLIS OU Number(s): NA
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): NA	CERCLIS OU Number(s): NA
Administrative Record File Indices Annual Update for Fiscal Year 2019 Submittal	12/01/2019
SRS Unit Index Number(s): NA	CERCLIS OU Number(s): NA
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): NA	CERCLIS OU Number(s): NA
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	CERCLIS OU Number(s): N/A
Removal Actions Performed in Fiscal Year 2019 Report Submittal	01/01/2020
SRS Unit Index Number(s): NA	CERCLIS OU Number(s): NA
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	CERCLIS OU Number(s): N/A
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	CERCLIS OU Number(s): 93
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	CERCLIS OU Number(s): 23 89

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Revision 0 Appendix E: Fiscal Year 2018 Long-Term Projections
E.2: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2020

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
Lower Three Runs Integrator Operable Unit Issue Record of Decision Remedial Alternative Selection SRS Unit Index Number(s): 505 110 312 CERCLIS OU Number(s): 35	03/27/2020
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 CERCLIS OU Number(s): 19	04/02/2020
Fourmile Branch Integrator Operable Unit (Including the Un-Named Tributary of Fourmile Branch South of C Area [NBN]) Revision 0 Periodic Report 6 Submittal SRS Unit Index Number(s): 504 CERCLIS OU Number(s): 84	05/30/2020
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 CERCLIS OU Number(s): 28	05/31/2020
D-Area Ash Basin (488-1D) Early Action Remedial Action Start SRS Unit Index Number(s): 238 CERCLIS OU Number(s): 63	05/31/2020
D-Area Ash Basin (488-2D) Early Action Remedial Action Start SRS Unit Index Number(s): 272 CERCLIS OU Number(s): 63	05/31/2020
D-Area Ash Landfill (488-4D) Early Action Remedial Action Start SRS Unit Index Number(s): 548 CERCLIS OU Number(s): 63	05/31/2020
D-Area Coal Pile Runoff Basin (489-D) Early Action Remedial Action Start SRS Unit Index Number(s): 69 CERCLIS OU Number(s): 63	05/31/2020
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 CERCLIS OU Number(s): 24	06/17/2020
D-Area Groundwater Operable Unit (D-Area Upgradient Sources) Field Start SRS Unit Index Number(s): 520 CERCLIS OU Number(s): 63	06/30/2020

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.

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Revision 0 Appendix E: Fiscal Year 2018 Long-Term Projections
E.2: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2020

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
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.)	06/30/2020
SRS Unit Index Number(s): 84 88 108 CERCLIS OU Number(s): 40 59	
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.]	06/30/2020
SRS Unit Index Number(s): 487 CERCLIS OU Number(s): 77	
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 CERCLIS OU Number(s): 25	
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 CERCLIS OU 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 CERCLIS OU 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 CERCLIS OU 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 CERCLIS OU 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 CERCLIS OU Number(s): 93	

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.

CERCLIS: The EPA's Comprehensive Environmental Response, Compensation, and Liability Information System

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Revision 0 Appendix E: Fiscal Year 2018 Long-Term Projections
E.2: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2020

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
G-Area Oil Seepage Basin (761-13G) Operable Unit Remedial Action Start	09/30/2020
SRS Unit Index Number(s): 77	CERCLIS OU Number(s): 93

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.

CERCLIS: The EPA's Comprehensive Environmental Response, Compensation, and Liability Information System

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**Revision 0 Appendix E: Fiscal Year 2018 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2021+)
Sorted in order of Watershed, Category, and Unit Name**

Watershed	Site	RA Start
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)	Evaluation Report Submittal Date or Field Start	ROD Issuance or Tank Dates
Area Operable Unit or Integrator Operable Unit Name Unit Name		
Fourmile Branch Watershed		
High Level Radioactive Waste Tanks		
Complete Operational Closure of Five (5) Tanks		SEP 2021
SRS Index Number(s): NA CERCLIS OU Number(s): 23 or 89		
Complete Operational Closure of Seven (7) Tanks		SEP 2022
SRS Index Number(s): NA CERCLIS OU Number(s): 23 or 89		
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 I Field Start	DEC 2001	
First Phase II Field Start	SEP 2003	
Second Phase II Field Start	NOV 2006	
Third Phase II Field Start	DEC 2008	
Fourth Phase II Field Start	NOV 2012	
Fifth Phase II Field Start	JUN 2017	
Sixth Phase II Field Start	JUN 2021	
Seventh Phase II Field Start	JUN 2025	
Eighth Phase II Field Start	MAR 2029	
Phase III Field Start	MAY 2059	
SRS Index Number(s): 504 CERCLIS OU 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 CERCLIS OU Number(s): 82		
Central Shops Groundwater Operable Unit (NBN)	DEC 2058	MAR 2062 JUN 2063
SRS Index Number(s): 567 CERCLIS OU Number(s): 98		

Revision 0 Appendix E: Fiscal Year 2018 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2021+)
Sorted in order of Watershed, Category, and Unit Name

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

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

SEP 2020

DEC 2023

DEC 2024

SRS Index Number(s): 525 244 1828
CERCLIS OU Number(s): 93

Sandblast Area CMH-002 (NBN) and Spill on 02/01/57 of Unknown of Seepage Basin Pipe Leak from 904-44G (NBN) Operable Unit

SEP 2024

SEP 2027

DEC 2028

SRS Index Number(s): 346 225
CERCLIS OU Number(s): 61

Site Evaluation Areas

H-Area Ash Basin (288-H)

DEC 2034

SRS Index Number(s): 292
CERCLIS OU Number(s): NA

Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit

C Area Operable Unit^{6,9}

SEP 2011

AUG 2044

NOV 2045

SRS Index Number: 577
CERCLIS OU Number: 79

Building 106-C, Process Water Storage Tank¹

SRS Index Number(s): 2232
CERCLIS OU Number(s): 79

Building 107-C, Cooling Water Effluent Sump¹

SRS Index Number(s): 1178
CERCLIS OU Number(s): 79

Building 109-C, Storage Basin¹

SRS Index Number(s): 2233
CERCLIS OU Number(s): 79

Building 710-C, Pre-Manufactured Metal Shelter

SRS Index Number(s): 2256
CERCLIS OU Number(s): 79

Building 717-C, Contaminated Maintenance Facility

SRS Index Number(s): 1201
CERCLIS OU Number(s): 79

Building 904-89G, Retention Basin for 100-C Containment¹

SRS Index Number(s): 2240
CERCLIS OU Number(s): 79

Revision 0 Appendix E: Fiscal Year 2018 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2021+)
Sorted in order of Watershed, Category, and Unit Name

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)**

**Site
Evaluation
Report
Submittal
Date
or
Field Start**

**ROD
Issuance**

**RA Start
or
Tank Dates**

**Area Operable Unit or Integrator Operable Unit Name
Unit Name**

C Area Operable Unit Final Action

SRS Index Number(s): 577
CERCLIS OU Number(s): 79

AUG 2044 NOV 2045

C-Area Process Sewer Lines as Abandoned (NBN)

SRS Index Number(s): 555
CERCLIS OU Number(s): 79

C-Area Reactor Area Cask Car Railroad Tracks as Abandoned (NBN)

SRS Index Number(s): 475
CERCLIS OU Number(s): 79

C-Area Reactor Discharge Canal (NBN)

SRS Index Number(s): 511
CERCLIS OU Number(s): 79

SEP 2011 AUG 2044 NOV 2045

Containment Tank C803-7-1 (NBN)

SRS Index Number(s): 2255
CERCLIS OU Number(s): 79

ECODS C-1 (Near C-Area Reactor Discharge Canal) (NBN)

SRS Index Number(s): 522
CERCLIS OU Number(s): 79

Potential Release from C-Area Disassembly Basin (NBN)

SRS Index Number(s): 240
CERCLIS OU Number(s): 79

Potential Release from C-Area Reactor Cooling Water System (186/190-C)

SRS Index Number(s): 242
CERCLIS OU Number(s): 79

F Area Operable Unit ⁷

SRS Index Number: 579
CERCLIS OU Number: 88

SEP 2022 SEP 2039 DEC 2040

Building 211-2F, Control and Check House

SRS Index Number(s): 1275
CERCLIS OU Number(s): 88

SEP 2022 OCT 2026 JAN 2028

Building 211-3F, Waste Truck Unloading Station

SRS Index Number(s): 1276
CERCLIS OU Number(s): 88

SEP 2022 OCT 2026 JAN 2028

Building 211-7F, Chemical Handling Facility

SRS Index Number(s): 1277
CERCLIS OU Number(s): 88

SEP 2022 OCT 2026 JAN 2028

Revision 0 Appendix E: Fiscal Year 2018 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2021+)
Sorted in order of Watershed, Category, and Unit Name

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 211-F, Outside Facilities (Including the 805 and 820 Tank Cells) SRS Index Number(s): 1279 CERCLIS OU Number(s): 88	SEP 2022	OCT 2026	JAN 2028
Building 222-F, Cold Feed Preparation Area SRS Index Number(s): 1293 CERCLIS OU Number(s): 88	SEP 2022	OCT 2026	JAN 2028
Building 246-F, Equipment Test Facility SRS Index Number(s): 1352 CERCLIS OU Number(s): 88	SEP 2022	OCT 2026	JAN 2028
Building 247-7F, EC Process Building SRS Index Number(s): 1355 CERCLIS OU Number(s): 88	SEP 2022	OCT 2026	JAN 2028
Building 247-8F, Compressed Gas Storage Building SRS Index Number(s): 1356 CERCLIS OU Number(s): 88	SEP 2022	OCT 2026	JAN 2028
Building 247-F, Manufacturing Building SRS Index Number(s): 1357 CERCLIS OU Number(s): 88	SEP 2022	OCT 2026	JAN 2028
Building 647-G, Warehouse SRS Index Number(s): 1480 CERCLIS OU Number(s): 88	SEP 2022	OCT 2026	JAN 2028
Building 707-2F, Regulated Shops SRS Index Number(s): 1412 CERCLIS OU Number(s): 88	SEP 2022	OCT 2026	JAN 2028
Building 723-F, Laundry Facility SRS Index Number(s): 1425 CERCLIS OU Number(s): 88	SEP 2022	OCT 2026	JAN 2028
Building 728-F, Uranium Oxide Storage Building SRS Index Number(s): 1426 CERCLIS OU Number(s): 88	SEP 2022	OCT 2026	JAN 2028
Building 730-F, Uranium Oxide Storage Building SRS Index Number(s): 1428 CERCLIS OU Number(s): 88	SEP 2022	OCT 2026	JAN 2028
Combined Spills from 221-F (NBN) SRS Index Number(s): 485 CERCLIS OU Number(s): 88	SEP 2022	OCT 2026	JAN 2028

Revision 0 Appendix E: Fiscal Year 2018 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2021+)
Sorted in order of Watershed, Category, and Unit Name

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 Inactive Process Sewer Lines from Building to the Security Fence (081-1F)

SEP 2022 OCT 2026 JAN 2028

SRS Index Number(s): 141
CERCLIS OU Number(s): 88

F-Area Operable Unit Final Action

SEP 2039 DEC 2040

SRS Index Number(s): 579
CERCLIS OU Number(s): 88

F-Area Process Sewer Lines as Abandoned (NBN)

SEP 2022 OCT 2026 JAN 2028

SRS Index Number(s): 563
CERCLIS OU 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)

SEP 2022 OCT 2026 JAN 2028

SRS Index Number(s): 308
CERCLIS OU Number(s): 88

Sandblast Area CMF-001 (NBN)

SEP 2022 OCT 2026 JAN 2028

SRS Index Number(s): 343
CERCLIS OU Number(s): 88

Spill on 02/25/85 of 20000 CM of Water Vapor - Rad (NBN)

SEP 2022 OCT 2026 JAN 2028

SRS Index Number(s): 394
CERCLIS OU Number(s): 88

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)

SEP 2022 OCT 2026 JAN 2028

SRS Index Number(s): 414 429
CERCLIS OU Number(s): 88

Spill on 06/01/59 of <1 CI of Segregated Solvent from 211-F (NBN)

SEP 2022 OCT 2026 JAN 2028

SRS Index Number(s): 435
CERCLIS OU Number(s): 88

F Tank Farm Area Operable Unit

FEB 2036 JAN 2042 APR 2043

SRS Index Number: 580
CERCLIS OU Number: 23

F-Area Retention Basin (281-8F)

FEB 2036 JAN 2042 APR 2043

SRS Index Number(s): 280
CERCLIS OU Number(s): 23

Revision 0 Appendix E: Fiscal Year 2018 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2021+)
Sorted in order of Watershed, Category, and Unit Name

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 Tank Farm, 241-F (including Combined Spills from 242-F, NBN; Spill on 10/01/71 of 100 ft² of Flush Water-Rad, NBN; Spill on 06/26/75 of 250 ft³ 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 ft² 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 ft² 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 ft² 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)

FEB 2036 JAN 2042 APR 2043

SRS Index Number(s): 263 283 376 381 399 431
CERCLIS OU Number(s): 23

H Area Operable Unit

SRS Index Number: 581
CERCLIS OU Number: 61

SEP 2037 JAN 2042 APR 2043

Building 230-H, Demonstration Waste Incinerator (Beta-Gamma Incinerator)

SEP 2037 JAN 2042 APR 2043

SRS Index Number(s): 1555
CERCLIS OU Number(s): 61

Building 261-H, Consolidated Incineration Facility (CIF) (Hazardous Waste Incinerator) Early Remedial Action

SEP 2023 SEP 2024

SRS Index Number(s): 1666
CERCLIS OU Number(s): 61

Building 782-1H, Pump House¹

SEP 2037 JAN 2042 APR 2043

SRS Index Number(s): 1727
CERCLIS OU Number(s): 61

Combined Spills from 211-H (NBN)

SEP 2037 JAN 2042 APR 2043

SRS Index Number(s): 260
CERCLIS OU Number(s): 61

Combined Spills from 241-84H (NBN)

SEP 2037 JAN 2042 APR 2043

SRS Index Number(s): 261
CERCLIS OU Number(s): 61

Combined Spills from H-Canyon (NBN)

SEP 2037 JAN 2042 APR 2043

SRS Index Number(s): 512
CERCLIS OU Number(s): 61

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

SEP 2037 JAN 2042 APR 2043

SRS Index Number(s): 274
CERCLIS OU Number(s): 61

Revision 0 Appendix E: Fiscal Year 2018 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2021+)
Sorted in order of Watershed, Category, and Unit Name

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)**

**Site
Evaluation
Report
Submittal
Date
or
Field Start**

**ROD
Issuance**

**RA Start
or
Tank Dates**

Area Operable Unit or Integrator Operable Unit Name
Unit Name

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

SRS Index Number(s): 531
CERCLIS OU Number(s): 61

SEP 2037 JAN 2042 APR 2043

H-Area Coal Pile Runoff Basin (289-H)

SRS Index Number(s): 79
CERCLIS OU 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
CERCLIS OU Number(s): 61

SEP 2037 JAN 2042 APR 2043

H-Area Process Sewer Lines as Abandoned (NBN)

SRS Index Number(s): 591
CERCLIS OU 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
CERCLIS OU Number(s): 61

SEP 2037 JAN 2042 APR 2043

Sandblast Area CMH-001 (NBN)

SRS Index Number(s): 344
CERCLIS OU 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
CERCLIS OU 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
CERCLIS OU 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
CERCLIS OU Number(s): 61

SEP 2037 JAN 2042 APR 2043

Revision 0 Appendix E: Fiscal Year 2018 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2021+)
Sorted in order of Watershed, Category, and Unit Name

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**

H Tank Farm Area Operable Unit

SRS Index Number: 582
CERCLIS OU 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)

AUG 2039 FEB 2045 MAY 2046

SRS Index Number(s): 298 262 264 275 375 403
CERCLIS OU Number(s): 89

N Area Operable Unit ⁷

SRS Index Number: 586
CERCLIS OU Number: 93

DEC 2033 MAR 2061 JUN 2062

Building 711-3N, Pipe Warehouse

SRS Index Number(s): 1850
CERCLIS OU Number(s): 93

DEC 2033 MAR 2037 JUN 2038

Building 714-6N, Miscellaneous Storage (SYLCOR)

SRS Index Number(s): 1861
CERCLIS OU Number(s): 93

DEC 2033 MAR 2037 JUN 2038

Building 717-11N, Electrical Lineman's Office/Warehouse

SRS Index Number(s): 1869
CERCLIS OU Number(s): 93

DEC 2033 MAR 2037 JUN 2038

Building 717-12N, Construction Sort Building

SRS Index Number(s): 1870
CERCLIS OU 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
CERCLIS OU Number(s): 93

DEC 2033 MAR 2037 JUN 2038

Revision 0 Appendix E: Fiscal Year 2018 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2021+)
Sorted in order of Watershed, Category, and Unit Name

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)**

**Site
Evaluation
Report
Submittal
Date
or
Field Start**

**ROD
Issuance**

**RA Start
or
Tank Dates**

**Area Operable Unit or Integrator Operable Unit Name
Unit Name**

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
CERCLIS OU Number(s): 93

N-Area Operable Unit Final Action

SRS Index Number(s): 586
CERCLIS OU Number(s): 93

N-Area Process Sewer Lines as Abandoned (NBN)

SRS Index Number(s): 565
CERCLIS OU Number(s): 93

New Salvage Yard (741-G)

SRS Index Number(s): 311
CERCLIS OU Number(s): 93

Sandblast Area CMN-001 (NBN)

SRS Index Number(s): 354
CERCLIS OU Number(s): 93

DEC 2033 MAR 2037 JUN 2038

MAR 2061 JUN 2062

DEC 2033 MAR 2037 JUN 2038

DEC 2033 MAR 2037 JUN 2038

DEC 2033 MAR 2037 JUN 2038

Revision 0 Appendix E: Fiscal Year 2018 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2021+)
Sorted in order of Watershed, Category, and Unit Name

Watershed	Site Evaluation Report Submittal Date or Field Start	ROD Issuance	RA Start or Tank Dates
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			
Lower Three Runs Watershed			
Integrator Operable Unit			
Lower Three Runs Integrator Operable Unit	MAR 2003	MAR 2020	JUN 2021
Phase I Field Start	MAR 2002		
First Phase II Field Start	MAR 2005		
Second Phase II Field Start	MAR 2007		
Third Phase II Field Start	JUL 2010		
Phase III Field Start	MAR 2013		
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			
CERCLIS OU Number(s): 35			

Revision 0 Appendix E: Fiscal Year 2018 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2021+)
Sorted in order of Watershed, Category, and Unit Name

Watershed	Site Evaluation Report Submittal Date or Field Start	ROD Issuance	RA Start or Tank Dates
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			
Pen Branch Watershed			
Integrator Operable Unit			
Pen Branch Integrator Operable Unit (Including Indian Grave Branch [NBN])	OCT 2002	SEP 2049	DEC 2049
Phase I Field Start	DEC 2002		
First Phase II Field Start	DEC 2004		
Second Phase II Field Start	JAN 2008		
Third Phase II Field Start	JAN 2011		
Fourth Phase II Field Start	MAY 2016		
Fifth Phase II Field Start	AUG 2020		
Sixth Phase II Field Start	JAN 2024		
Seventh Phase II Field Start	JUN 2028		
Phase III Field Start	JUN 2043		
K-Area Reactor Discharge Canal (NBN)			
SRS Index Number(s): 506 460			
CERCLIS OU Number(s): 74			
RCRA/CERCLA Units			
G-Area Oil Seepage Basin Operable Unit (761-13G)	SEP 2016	SEP 2019	SEP 2020
SRS Index Number(s): 77			
CERCLIS OU Number(s): 93			
K-Area Ash Basin Operable Unit (188-0K)	SEP 2024	SEP 2027	DEC 2028
SRS Index Number(s): 300			
CERCLIS OU Number(s): 90			
K-Area Groundwater Operable Unit (Including K-Area Tritium Anomaly) (NBN)	SEP 2042	MAR 2048	JUN 2049
SRS Index Number(s): 519			
CERCLIS OU Number(s): 99			
Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit			
K Area Operable Unit ⁷	SEP 2034	SEP 2047	DEC 2048
SRS Index Number: 583			
CERCLIS OU Number: 90			
Building 901-1K, Polyphosphate Unloading and Storage Facility	SEP 2034	OCT 2039	JAN 2041
SRS Index Number(s): 1762			
CERCLIS OU Number(s): 90			

Revision 0 Appendix E: Fiscal Year 2018 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2021+)
Sorted in order of Watershed, Category, and Unit Name

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)

SEP 2034

OCT 2039

JAN 2041

SRS Index Number(s): 514

CERCLIS OU Number(s): 90

K-Area Operable Unit Final Action

SEP 2047

DEC 2048

SRS Index Number(s): 583

CERCLIS OU Number(s): 90

K-Area Process Sewer Lines as Abandoned (NBN)

SEP 2034

OCT 2039

JAN 2041

SRS Index Number(s): 572

CERCLIS OU Number(s): 90

K-Area Reactor Area Cask Car Railroad Tracks as Abandoned (NBN)

SEP 2034

OCT 2039

JAN 2041

SRS Index Number(s): 476

CERCLIS OU Number(s): 90

Potential Release from K-Area Disassembly Basin (NBN)

SEP 2034

OCT 2039

JAN 2041

SRS Index Number(s): 301

CERCLIS OU Number(s): 90

Potential Release from K-Area Reactor Cooling Water System (186/190-K)

SEP 2034

OCT 2039

JAN 2041

SRS Index Number(s): 302

CERCLIS OU Number(s): 90

Revision 0 Appendix E: Fiscal Year 2018 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2021+)
Sorted in order of Watershed, Category, and Unit Name

Watershed	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	MAY 2001	JUN 2064	SEP 2065
Phase I Field Start	JUN 2001		
First Phase II Field Start	MAR 2007		
Second Phase II Field Start	SEP 2009		
Third Phase II Field Start	MAR 2013		
Fourth Phase II Field Start	FEB 2018		
Fifth Phase II Field Start	APR 2022		
Sixth Phase II Field Start	MAR 2026		
Seventh Phase II Field Start	MAR 2031		
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			
CERCLIS OU Number(s): 69			
RCRA/CERCLA Units			
D-Area Groundwater Operable Unit (D-Area Upgradient Sources) (NBN)	JUN 2020	JUN 2023	SEP 2024
SRS Index Number(s): 520			
CERCLIS OU Number(s): 63			
Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit			
D Area Operable Unit ^{3,8}	SEP 2008	JAN 2046	APR 2047
SRS Index Number: 578			
CERCLIS OU Number: 63			
Building 420-2D, Rework Handling Facility			
SRS Index Number(s): 1212			
CERCLIS OU Number(s): 63			
Building 420-D, Concentrator Building			
SRS Index Number(s): 1214			
CERCLIS OU Number(s): 63			
Building 421-2D, Moderator Handling and Storage			
SRS Index Number(s): 1215			
CERCLIS OU Number(s): 63			

Revision 0 Appendix E: Fiscal Year 2018 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2021+)
Sorted in order of Watershed, Category, and Unit Name

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-D, Finishing Building

SRS Index Number(s): 1218
CERCLIS OU Number(s): 63

Building 772-D, Control Laboratory and Supervisor's Office

SRS Index Number(s): 1250
CERCLIS OU Number(s): 63

Combined Spills from 483-D and Associated Areas (NBN)

SEP 2008 JAN 2046 APR 2047

SRS Index Number(s): 265
CERCLIS OU Number(s): 63

D-Area Asbestos Pit (080-20G)

SRS Index Number(s): 211
CERCLIS OU Number(s): 63

D-Area Ash Basin (488-1D)²

JUL 2019 MAY 2020

SRS Index Number(s): 238
CERCLIS OU Number(s): 63

D-Area Ash Basin (488-2D)²

JUL 2019 MAY 2020

SRS Index Number(s): 272
CERCLIS OU Number(s): 63

D-Area Ash Landfill (488-4D)²

JUL 2019 MAY 2020

SRS Index Number(s): 548
CERCLIS OU Number(s): 63

D-Area Coal Pile Runoff Basin (489-D)²

SEP 2008 JUL 2019 MAY 2020

SRS Index Number(s): 69
CERCLIS OU Number(s): 63

D-Area Operable Unit Final Action

JAN 2046 APR 2047

SRS Index Number(s): 578
CERCLIS OU Number(s): 63

D-Area Process Sewer Lines as Abandoned (NBN)

SEP 2008 JAN 2046 APR 2047

SRS Index Number(s): 558
CERCLIS OU Number(s): 63

D-Area Waste Oil Facility (484-10D)⁴

SEP 2008 JAN 2046 APR 2047

SRS Index Number(s): 70
CERCLIS OU Number(s): 63

Revision 0 Appendix E: Fiscal Year 2018 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2021+)
Sorted in order of Watershed, Category, and Unit Name

Watershed	Site Evaluation Report Submittal Date or Field Start	ROD Issuance	RA Start or Tank Dates
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			
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])	SEP 2000	AUG 2064	DEC 2064
Phase I Field Start	JUN 2000		
First Phase II Field Start	JUN 2002		
Second Phase II Field Start	SEP 2004		
Third Phase II Field Start	MAR 2007		
Fourth Phase II Field Start	JUN 2010		
Fifth Phase II Field Start	AUG 2014		
Sixth Phase II Field Start	JUL 2019		
Seventh Phase II Field Start	MAY 2023		
Eighth Phase II Field Start	MAY 2027		
Ninth Phase II Field Start	AUG 2030		
Phase III Field Start	FEB 2059		
Wetland Area at Dunbarton Bay (NBN)		JUN 2023	SEP 2024
P-Area Reactor Discharge Canal (NBN)			
SRS Index Number(s): 509 462			
CERCLIS OU 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	SEP 2025	DEC 2026
SRS Index Number(s): 537 98 99 148			
CERCLIS OU Number(s): 91			
P-Area Groundwater Operable Unit (NBN)	DEC 2013	MAY 2031	JUL 2032
SRS Index Number(s): 143			
CERCLIS OU Number(s): 81			
Site Evaluation Areas			
Dunbarton Railroad Yard (NBN)	DEC 2035		
SRS Index Number(s): 546			
CERCLIS OU Number(s): NA			

Revision 0 Appendix E: Fiscal Year 2018 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2021+)
Sorted in order of Watershed, Category, and Unit Name

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

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
L Area Operable Unit ⁷ SRS Index Number: 584 CERCLIS OU Number: 91	SEP 2034	JUL 2063	OCT 2064
Building 108-4L, Emergency Diesel Generator and Fuel Oil Storage ¹ SRS Index Number(s): 1770 CERCLIS OU Number(s): 91	SEP 2034	OCT 2040	JAN 2042
L-Area Operable Unit Final Action SRS Index Number(s): 584 CERCLIS OU Number(s): 91		JUL 2063	OCT 2064
L-Area Process Sewer Lines as Abandoned (NBN) SRS Index Number(s): 560 CERCLIS OU 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 CERCLIS OU Number(s): 91	SEP 2034	OCT 2040	JAN 2042
Potential Release from L-Area Disassembly Basin (NBN) SRS Index Number(s): 303 CERCLIS OU 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 CERCLIS OU Number(s): 91	SEP 2034	OCT 2040	JAN 2042

Revision 0 Appendix E: Fiscal Year 2018 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2021+)
Sorted in order of Watershed, Category, and Unit Name

Watershed	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		MAR 2063	DEC 2063
SRS Index Number(s): 592 571 266 CERCLIS OU Number(s): 86			
Integrator Operable Unit			
Upper Three Runs Integrator Operable Unit (Including Tims Branch [NBN])	MAY 2003	SEP 2063	DEC 2063
Phase I Field Start	JUN 2003		
First Phase II Field Start	JAN 2007		
Second Phase II Field Start	JUN 2008		
Third Phase II Field Start	JUL 2012		
Fourth Phase II Field Start	MAY 2015		
Fifth Phase II Field Start	MAR 2019		
Sixth Phase II Field Start	JAN 2023		
Seventh Phase II Field Start	JAN 2027		
Eighth Phase II Field Start	SEP 2031		
Phase III Field Start	NOV 2057		
Steed Pond (NBN)			
SRS Index Number(s): 510 456 CERCLIS OU 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)		NOV 2021	MAR 2023
SRS Index Number(s): 236 47 483 CERCLIS OU Number(s): 62			
Building 716-A, Automotive Repair Facility and Building 725-A, Paint Shop	SEP 2024	SEP 2027	DEC 2028
SRS Index Number(s): 1035 1060 CERCLIS OU Number(s): 62			
General Separations Area Eastern Groundwater Operable Unit (NBN)	SEP 2001	FEB 2046	MAY 2047
SRS Index Number(s): 549 CERCLIS OU Number(s): 46			

Revision 0 Appendix E: Fiscal Year 2018 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2021+)
Sorted in order of Watershed, Category, and Unit Name

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 Western Groundwater Operable Unit (NBN)

SEP 2004

JAN 2043

APR 2044

SRS Index Number(s): 575

CERCLIS OU Number(s): 85

Site Evaluation Areas

Advanced Tactical Training Area (ATTA) Firing Ranges (NBN)

JAN 2025

SRS Index Number(s): 208

CERCLIS OU Number(s): NA

F-Area Ash Basin (288-0F)

DEC 2024

SRS Index Number(s): 276

CERCLIS OU Number(s): NA

Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit

A Area Operable Unit ⁷

SEP 2035

MAY 2056

AUG 2057

SRS Index Number: 576

CERCLIS OU Number: 62

A-001 Outfall (NBN)

SEP 2035

OCT 2038

JAN 2040

SRS Index Number(s): 481

CERCLIS OU Number(s): 62

A-Area Operable Unit Final Action

MAY 2056

AUG 2057

SRS Index Number(s): 481

CERCLIS OU Number(s): 62

A-Area Process Sewer Lines as Abandoned (NBN)

SEP 2035

OCT 2038

JAN 2040

SRS Index Number(s): 562

CERCLIS OU Number(s): 62

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)

SEP 2035

OCT 2038

JAN 2040

SRS Index Number(s): 131 387

CERCLIS OU Number(s): 62

Stormwater Outfall A-024 (NBN)

SEP 2035

OCT 2038

JAN 2040

SRS Index Number(s): 458

CERCLIS OU Number(s): 62

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E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2021+)
Sorted in order of Watershed, Category, and Unit Name

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**

**RA Start
or
Tank Dates**

**ROD
Issuance**

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.

CERCLIS OU Number: USEPA Comprehensive Environmental Response, Compensation, and Liability Identification System Operable Unit Number

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 Appendix C, RCRA/CERCLA Units to determine the actual watershed in which a unit is located.

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 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 (ROD) 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 deactivation and decommissioning (D&D) activities in these areas. The scope of the early and final actions be agreed upon by the DOE, EPA, and SCDHEC.

⁸ The D-Area Operable Unit 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.

Enclosure 2

D-Area Operable Unit Second Early Action Implementation Schedule

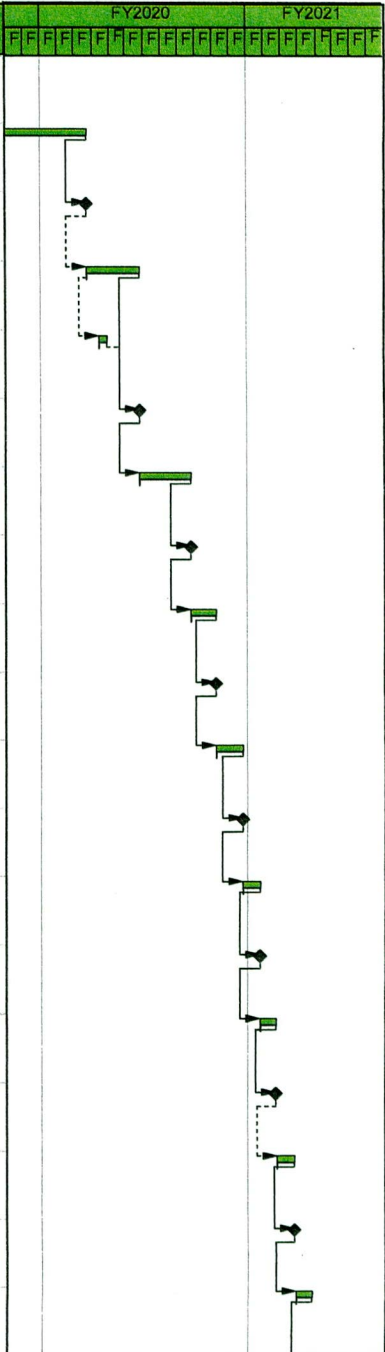
Enclosure 3

D-Area Groundwater Operable Unit Implementation Schedule

Enclosure 4

Sixth Five-Year Remedy Review Report for Savannah River Site Operable Units
with Groundwater Remedies Implementation Schedule

Activity ID	Activity Name	Original Duration	Start	Finish	FY2020												FY2021											
					F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F		
GWROD233	Public Notice of Remedy Review Start	1	Jul-02-19	Jul-02-19																								
GWROD234	Prepare Rev 0 Remedy Review Report (Ground Water)	119	Jul-03-19	Dec-20-19	█																							
GWROD236	Submit Rev 0 Remedy Review Report (Ground Water)	0		Dec-20-19																								
GWROD237	Rev 0 Remedy Review Report EPA/SCDHEC Review (Ground Water)	92	Dec-23-19*	Mar-23-20																								
GWROD238	EPA Site Inspections (Ground Water)	15	Jan-13-20*	Jan-27-20																								
GWROD240	Receipt of EPA/SCDHEC Comments (Ground Water)	0		Mar-23-20																								
GWROD241	SRS Revise Rev 0 Remedy Review Report (Ground Water)	91	Mar-24-20	Jun-22-20																								
GWROD242	Submit Rev1 Remedy Review Report (Ground Water)	0		Jun-22-20																								
GWROD243	Rev 1 Remedy Review Report EPA/SCDHEC Review (Ground Water)	45	Jun-23-20	Aug-06-20																								
GWROD244	Receive Comments Rev1 Remedy Review Report (Ground Water)	0		Aug-06-20																								
GWROD245	SRS Revise Rev 1 Remedy Review Report (Ground Water)	46	Aug-07-20	Sep-21-20																								
GWROD246	Submit Rev1.1 Remedy Review Report (Ground Water)	0		Sep-21-20																								
GWROD247	Rev 1.1 Remedy Review Report EPA/SCDHEC Review (Ground Water)	30	Sep-22-20	Oct-21-20																								
GWROD248	Receipt of Rev1.1 Remedy Review Report EPA/DHEC Approval (Ground Water)	0		Oct-21-20																								
GWROD249	DOE Sign Remedy Review Report (Ground Water)	30	Oct-22-20	Nov-20-20																								
GWROD251	DOE Send Signed Copy to SCDHEC (Ground Water)	0		Nov-20-20																								
GWROD252	SCDHEC Sign Remedy Review Report (Ground Water)	31	Nov-23-20*	Dec-23-20																								
GWROD253	SCDHEC Send Signed Copy to EPA (Ground Water)	0		Dec-23-20																								
GWROD254	EPA Sign Remedy Review Report (Ground Water)	30	Dec-24-20	Jan-22-21																								



Remaining Level of Effort	Critical Remaining Work
Actual Work	Milestone
Remaining Work	% Complete

Savannah River Nuclear Solutions Groundwater Sixth Year Remedy Review Report

Enclosure 5

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) Operable Unit
Implementation Schedule

ECODS N-1, CS SCRAP LUMBER PILE AND BLDG 690-N IMPLEMENTATION SCHEDULE 10 26 17

Activity Name	Activity ID	OD	Start	Finish	2020				2021				2022				2023				2024							
					Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3				
Work Plan Development																												
SRS Develop Workplan (Rev.0)	NAOU1030	93	Oct-01-19	Aug-19-20																								
SRS Submit Workplan (Rev.0) to EPA/SCDHEC	NAOU1031	0	Oct-01-19	Feb-14-20																								
EPA/SCDHEC Review Workplan Rev 0	NAOU1032	90	Feb-20-20	May-19-20																								
SRS Incorporate EPA/SCDHEC Comments-Workplan	NAOU1040	62	May-20-20	Jul-20-20																								
SRS Submit Workplan (Rev.1) to EPA/SCDHEC	NAOU1140	0	Jul-20-20	Jul-20-20																								
EPA/SCDHEC Final Review/Approval-Workplan	NAOU1141	30	Jul-21-20	Aug-19-20																								
Approval of RFI/RI Workplan-Workplan	NAOU1890	0	Jul-21-20	Aug-19-20																								
Characterization																												
Field Start	NAOU1060	139	Sep-21-20	Jun-03-21																								
Combined RFI/RI/BRA/CMS/FS																												
SRS Prepare Combined Document	NAOU1730	103	Jun-04-21	Oct-28-21																								
SRS Submit Combined Document (Rev.0) to EPA/SCDHEC	NAOU1290	0	Jun-04-21	Oct-28-21																								
EPA/SCDHEC Review of Combined Document (Rev.0)	NAOU1300	90	Oct-29-21	Jan-26-22																								
SRS Incorporate EPA/SCDHEC Comments	NAOU1120	61	Jan-27-22	Mar-28-22																								
Submit Combined Document (Rev.1) to EPA/SCDHEC	NAOU1310	0	Jan-27-22	Mar-28-22																								
EPA/SCDHEC Final Review/Approval	NAOU1320	30	Mar-29-22	Apr-27-22																								
Approval of Combined Document	NAOU1860	0	Mar-29-22	Apr-27-22																								
Statement of Basis/ Proposed Plan (SB/PP)																												
SRS Prepare SB/PP (Rev.0)	NAOU1980	68	Apr-28-22	Mar-20-23																								
SRS Submit SB/PP (Rev.0) to EPA/SCDHEC	NAOU1750	0	Apr-28-22	Aug-03-22																								
EPA/SCDHEC Review of SB/PP (Rev.0)	NAOU1760	60	Aug-04-22	Oct-02-22																								
SRS Incorporate EPA/SCDHEC Comments	NAOU1770	60	Oct-03-22	Dec-01-22																								
SRS Submit SB/PP (Rev.1) to EPA/SCDHEC	NAOU1780	0	Oct-03-22	Dec-01-22																								
EPA/SCDHEC Final Review/Approval	NAOU1790	32	Dec-04-22	Jan-04-23																								
Approval of SB/PP	NAOU1850	0	Dec-04-22	Jan-04-23																								
Notification of SB/PP Public Comment	NAOU1420	14	Jan-05-23	Jan-18-23																								
Public Comment Period	NAOU1430	46	Jan-19-23	Mar-05-23																								
Develop Responsiveness Summary	NAOU1990	15	Mar-06-23	Mar-20-23																								
Record of Decision (ROD)																												
SRS Develop ROD (Rev.0)	NAOU1440	114	Oct-03-22	Dec-12-23																								
SRS Submit ROD (Rev.0) to EPA/SCDHEC	NAOU1450	0	Oct-03-22	Mar-20-23																								
EPA/SCDHEC Review of ROD (Rev.0)	NAOU1460	60	Mar-21-23	May-19-23																								
SRS Incorporate EPA/SCDHEC Comments	NAOU2000	60	May-22-23	Jul-20-23																								
Submit ROD (Rev.1) to EPA/SCDHEC	NAOU1480	0	May-22-23	Jul-20-23																								
EPA/SCDHEC Final Review/Approval	NAOU1490	32	Jul-21-23	Aug-21-23																								
Approval of ROD	NAOU1840	0	Jul-21-23	Aug-21-23																								
DOE Obtain Signature on ROD	NAOU2010	30	Aug-24-23	Sep-22-23																								
SCDHEC Obtain Signature on ROD	NAOU2140	30	Sep-25-23	Oct-24-23																								
EPA Obtain Signature on ROD	NAOU2020	32	Oct-27-23	Nov-27-23																								
Prepare Public Notice	NAOU2130	15	Nov-28-23	Dec-12-23																								
Issue ROD	NAOU2030	0	Nov-28-23	Dec-12-23																								
CMI/RAIP																												
SRS Develop CMI/RAIP (Rev.0)	NAOU1500	60	May-22-23	Feb-12-24																								
SRS Submit CMI/RAIP (Rev.0) to EPA/SCDHEC	NAOU1510	0	May-22-23	Aug-15-23																								
EPA/SCDHEC Review of (CMI/RAIP Rev.0)	NAOU1520	91	Aug-16-23	Nov-14-23																								
SRS Incorporate EPA/SCDHEC Comments	NAOU1530	60	Nov-15-23	Jan-13-24																								
SRS Submit CMI/RAIP (Rev.1) to EPA/SCDHEC	NAOU1540	0	Nov-15-23	Jan-13-24																								
EPA/SCDHEC Final Review/Approval	NAOU550	30	Jan-14-24	Feb-12-24																								
Approval of CMI/RAIP	NAOU1830	0	Jan-14-24	Feb-12-24																								
Land Use Controls Implementation Schedule																												
SRS Develop LUCIP	NAOU1560	60	May-22-23	Feb-12-24																								
SRS Submit LUCIP (Rev.0) to EPA/SCDHEC	NAOU2040	0	May-22-23	Aug-15-23																								
EPA/SCDHEC Review of (LUCIP Rev.0)	NAOU2050	91	Aug-16-23	Nov-14-23																								
SRS Incorporate EPA/SCDHEC Comments	NAOU2060	60	Nov-15-23	Jan-13-24																								

Enclosure 6

Lower Three Runs Integrator Operable Unit
Implementation Schedule

Enclosure 7

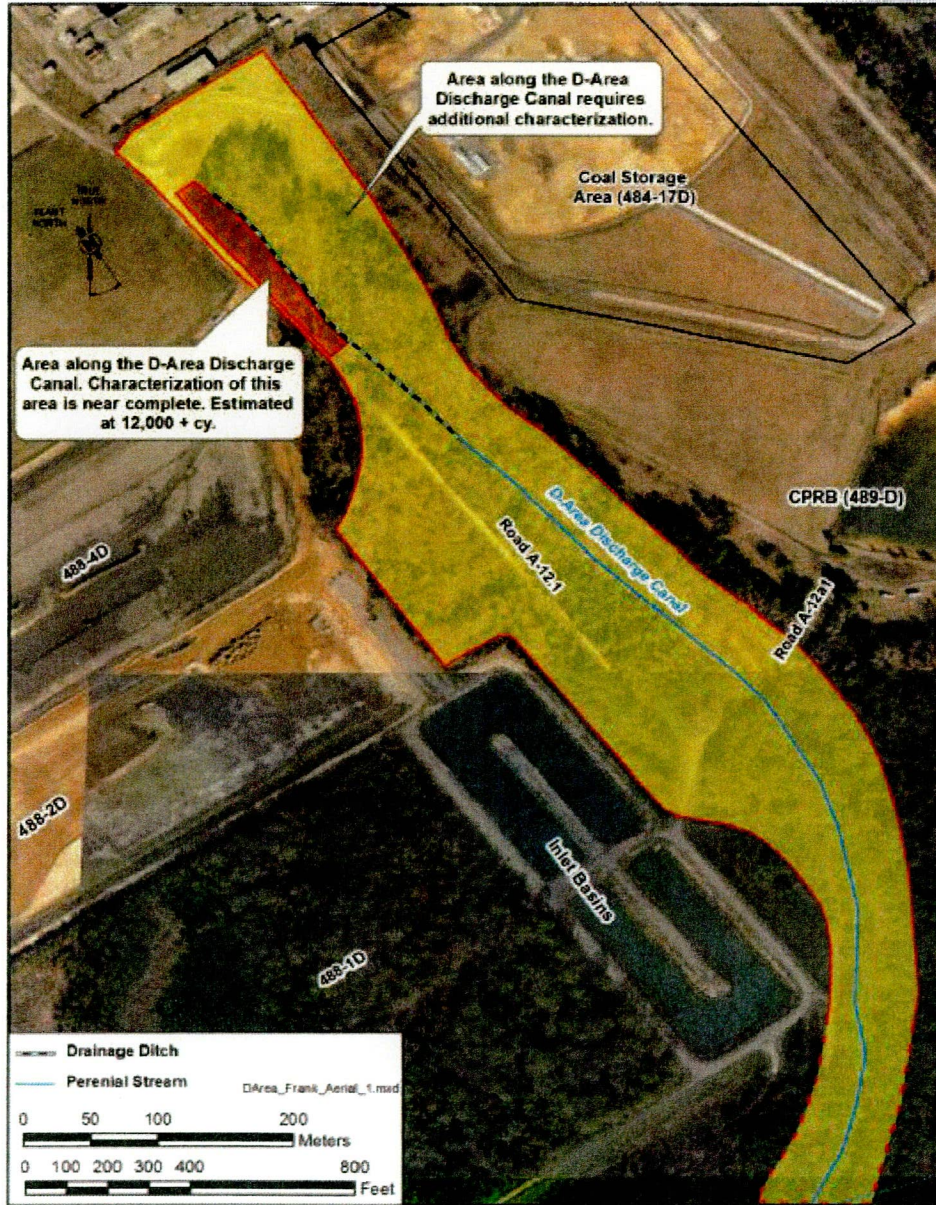
A-Area Ash Pile (788-A), A-Area Coal Pile Runoff Basin (788-3A), and Stormwater Outfall A-013 (NBN) Operable Unit Implementation Schedule

Activity ID	Activity Name	OD	Start	Finish	2020												2021												2022												2023												2024													
					M	J	Jul	A	S	O	N	D	J	F	M	A	M	J	Jul	A	S	O	N	D	J	F	M	A	M	J	Jul	A	S	O	N	D	J	F	M	A	M	J	Jul	A	S	O	N	D	J	F	M	A	M	J	Jul	A	S	O	N							
1 Interim Action Statement of Basis/Proposed Plan (IA SB/PP)					162																																																												23-Apr-20	17-Feb-21
IASB1000	Develop Rev. 1.2 IA SB/PP	33	23-Apr-20	22-Jun-20	[Gantt bar]																																																													
IASB1010	Submit Rev. 1.2 IA SB/PP to EPA/SCDHEC for review	0		22-Jun-20	[Gantt bar]																																																													
IASB1020	EPA/SCDHEC review of Rev. 1.2 IA SB/PP	63	23-Jun-20	24-Aug-20	[Gantt bar]																																																													
IASB1030	Receive EPA/SCDHEC comments on Rev. 1.2 IA SB/PP	0		24-Aug-20	[Gantt bar]																																																													
IASB1040	Develop Rev 1.3 IA SB/PP	63	25-Aug-20	26-Oct-20	[Gantt bar]																																																													
IASB1050	Submit Rev. 1.3 IA SB/PP Redline to EPA/SCDHEC for review	0		26-Oct-20	[Gantt bar]																																																													
IASB1060	EPA/SCDHEC review and approve Rev. 1.3 IA SB/PP	35	27-Oct-20	30-Nov-20	[Gantt bar]																																																													
IASB1070	Receive EPA/SCDHEC approval of IA SB/PP	0		30-Nov-20	[Gantt bar]																																																													
IASB1080	Prepare/ Transmit Clean Copy IA SB/PP	31	01-Dec-20	31-Dec-20	[Gantt bar]																																																													
IASB1090	Notification of Public Comment Period	15	01-Dec-20	15-Dec-20	[Gantt bar]																																																													
IASB1100	Public Comment Period	45	16-Dec-20	29-Jan-21	[Gantt bar]																																																													
IASB1110	Responsiveness Summary & Approvals	16	02-Feb-21	17-Feb-21	[Gantt bar]																																																													
3 Interim Record of Decision (I ROD)					197																																																												01-Dec-20	29-Nov-21
IROD1000	Develop Rev. 0 I ROD	52	01-Dec-20	09-Mar-21	[Gantt bar]																																																													
IROD1010	Submit Rev. 0 I ROD to EPA/SCDHEC for review	0		09-Mar-21	[Gantt bar]																																																													
IROD1020	EPA/SCDHEC review for Rev. 0 I ROD	62	10-Mar-21	10-May-21	[Gantt bar]																																																													
IROD1030	EPA/SCDHEC return Rev. 0 I ROD comments	0		10-May-21	[Gantt bar]																																																													
IROD1040	Develop Rev. 1 I ROD	63	11-May-21	12-Jul-21	[Gantt bar]																																																													
IROD1050	Submit Rev. 1 I ROD EPA/SCDHEC	0		12-Jul-21	[Gantt bar]																																																													
IROD1060	EPA/SCDHEC review & approve Rev. 1 I ROD	31	13-Jul-21	12-Aug-21	[Gantt bar]																																																													
IROD1070	Receive EPA/SCDHEC Approval I ROD	0		12-Aug-21	[Gantt bar]																																																													
IROD1080	DOE Obtain Signature on I ROD	32	13-Aug-21	13-Sep-21	[Gantt bar]																																																													
IROD1090	EPA Obtain Signature on I ROD	30	14-Sep-21	13-Oct-21	[Gantt bar]																																																													
IROD1100	SCDHEC Obtain Signature on I ROD	30	14-Oct-21	12-Nov-21	[Gantt bar]																																																													
IROD1110	Prepare for Public Notice	15	15-Nov-21	29-Nov-21	[Gantt bar]																																																													
IROD1120	Issue I ROD	0		29-Nov-21	[Gantt bar]																																																													
5 Interim Corrective Measures Implementation/Remedial Action Implementation (I CMI/RAIP) Report					143																																																												30-Nov-21	18-Aug-22
ICMI1000	Develop Rev. 0 I CMI/RAIP	42	30-Nov-21	16-Feb-22	[Gantt bar]																																																													
ICMI1010	Submit Rev. 0 I CMI/RAIP to EPA/SCDHEC for review	0		16-Feb-22	[Gantt bar]																																																													
ICMI1020	EPA/SCDHEC review of Rev. 0 I CMI/RAIP	90	17-Feb-22	17-May-22	[Gantt bar]																																																													
ICMI1030	Receive EPA/SCDHEC comments	0		17-May-22	[Gantt bar]																																																													
ICMI1040	Develop Rev. 1 I CMI/RAIP	62	18-May-22	18-Jul-22	[Gantt bar]																																																													
ICMI1050	Submit Rev. 1 I CMI/RAIP to EPA/SCDHEC	0		18-Jul-22	[Gantt bar]																																																													
ICMI1060	EPA/SCDHEC review & approve I CMI/RAIP	31	19-Jul-22	18-Aug-22	[Gantt bar]																																																													
ICMI1070	Receive EPA/SCDHEC Approval of I CMI/RAIP	0		18-Aug-22	[Gantt bar]																																																													
7 Interim Remedial Action (I RA) Implementation					556																																																												22-Aug-22	28-Feb-24
IRAI1000	Construction Procurement Process, Submittals & Mobilization	197	22-Aug-22	06-Mar-23	[Gantt bar]																																																													
IRAI1010	Notification of Pre-Construction Briefing Fact Sheet	15	29-Aug-22	12-Sep-22	[Gantt bar]																																																													
IRAI1020	Pre-Construction Briefing Fact Sheet Public Review	31	13-Sep-22	13-Oct-22	[Gantt bar]																																																													
IRAI1030	IRA Start	0		06-Mar-23	[Gantt bar]																																																													
IRAI1040	Remedial Action Construction	359	07-Mar-23	28-Feb-24	[Gantt bar]																																																													
9 Interim Action Post Construction (I PCR) Activities					149																																																												29-Feb-24	21-Nov-24
IPCR1000	Develop Rev. 0 IPCR	62	29-Feb-24	19-Jun-24	[Gantt bar]																																																													
IPCR1010	Submit Rev. 0 IPCR	0		19-Jun-24	[Gantt bar]																																																													
IPCR1020	EPA/SCDHEC Review Rev. 0 IPCR	61	20-Jun-24	19-Aug-24	[Gantt bar]																																																													
IPCR1030	Receive EPA/SCDHEC Comments	0		19-Aug-24	[Gantt bar]																																																													
IPCR1040	Develop Rev. 1 IPCR	63	20-Aug-24	21-Oct-24	[Gantt bar]																																																													
IPCR1050	Submit Rev. 1 IPCR to EPA/SCDHEC	0		21-Oct-24	[Gantt bar]																																																													
IPCR1060	EPA/SCDHEC Review Rev. 1 IPCR	31	22-Oct-24	21-Nov-24	[Gantt bar]																																																													
IPCR1070	Receive EPA/SCDHEC Approval of IPCR	0		21-Nov-24	[Gantt bar]																																																													

AAP/CPRB OU Implementation Schedule

Enclosure 8

Figure Showing the D-Area Effluent Discharge Canal and Ash Area Adjacent to
and Easterly of D-Area Ash Basins 488-1D and 488-2D



D-Area Effluent Discharge Canal and Ash Area Adjacent to and Easterly of D-Area Ash Basin 488-1D and 488-2D

Enclosure 9

Tally of Milestones for Fiscal Year 2019

Fiscal Year 2019 Milestones

Revision 0 Appendix E.1 for Fiscal Year 2018 (Print Date: 11/03/2017)

Page 1 of 1

Document Type	E.1
RFI/RI Workplans	1
RFI/RI/BRA	0
CMS/FS	0
Statement of Basis/Proposed Plan	1
Revision 0 ROD	3
Post-ROD Docs	4
Site Evaluation Reports	0
High Level Radioactive Waste Tanks	3
Other	19
Total ¹	31

RFI/RI Workplans

D-Area Groundwater OU

RFI/RI/BRA**CMS/FS****Statement of Basis/Proposed Plan**

Lower Three Runs IOU

Revision 0 RODIn Support of D Area Operable Unit ⁴

D-Area Ash Basin (488-1D)

D-Area Ash Basin (488-2D)

D-Area Ash Landfill (488-4D)

D-Area Coal Pile Runoff Basin (489-D)

G-Area Oil Seepage Basin OU

Lower Three Runs IOU

Post-ROD DocumentsLand Use Control Implementation Plan In Support of D Area Operable Unit ⁴

D-Area Ash Basin (488-1D)

D-Area Ash Basin (488-2D)

D-Area Ash Landfill (488-4D)

D-Area Coal Pile Runoff Basin (489-D)

A-Area Miscellaneous Rubble Pile OU PCR Addendum

G-Area Oil Seepage Basin OU CMI/RAIP

G-Area Oil Seepage Basin OU LUCIP

Site Evaluation Reports**High Level Radioactive Waste Tanks**

New or Replacement Waste Tank Annual Report

Complete Bulk Waste Removal Efforts for One (1) Tank

Complete Operational Closure of Two (2) Tanks

	E.1 ²
Field Starts	2 on 4

Issue RODs ³	3 on 6
-------------------------	--------

RA Starts (if appropriate) ³	0
---	---

Other – Programmatic

Revision 0 Appendices C, G, and K

Revision.0 Appendix H

Revision 0 Appendix E

Administrative Record File Indices Annual Update

Federal Facility Agreement Annual Progress Report

Annual Removal Action Report

Revision 0 Appendix D

Sixth Five-Year Remedy Review Report for SRS OUs with Native Soil Covers and/or Land Use Controls

Other – Programmatic – Project-Specific

MIPSL OU Performance Evaluation Report (PER)

ABRP & Misc Chem/Met Burn OU PER

CMP Pits OU Effectiveness Monitoring Report

CBRP OU Effectiveness Monitoring Report

KBRP and PBRP OUs Combined GW Monitoring Report

R Area GW OU Effectiveness Monitoring Report

TNX Area GW OU Effectiveness Monitoring Report

D-Area Groundwater OU GW Monitoring Report

D-Area Oil Seepage GW OU MZ Letter Report

A-Area Misc. Rubble Pile OU PER

Pen Branch IOU Periodic Report 5

Field StartsUpper Three Runs IOU 5th Phase II [2]Steel Creek IOU 6th Phase II [2]**Issue RODs**In Support of D Area Operable Unit ⁴ [4]

D-Area Ash Basin (488-1D)

D-Area Ash Basin (488-2D)

D-Area Ash Landfill (488-4D)

D-Area Coal Pile Runoff Basin (489-D)

G-Area Oil Seepage Basin OU [1]

Fifth Five-Year Remedy Review Report for SRS

OUs with Operating Equipment [1]

RA Starts¹ As new or revised Implementation Schedules are approved, the total number of documents will change.² X on Y: # of documents and/or letters on milestones/operable unit count; typically does not include D&D Facilities or Remnants.³ Issue RODs and RA Starts include Early Actions and/or Interim Actions and Remedy Review Reports.⁴ These are Early Action milestones.

Enclosure 10

Tally of Milestones for Fiscal Year 2020

Fiscal Year 2020 Milestones
Revision 0 Appendix E.2 for Fiscal Year 2018 (Print Date: 11/03/2017)

Page 1 of 1

Document Type	E.2
RFI/RI Workplans	1
RFI/RI/BRA	0
CMS/FS	0
Statement of Basis/Proposed Plan	0
Revision 0 ROD	0
Post-ROD Docs	0
Site Evaluation Reports	0
High Level Radioactive Waste Tanks	1
Other	19
Total ¹	21

RFI/RI Workplans

ECODS N-1, Central Shops Scrap Lumber Pile, and
 Building 690-N, Process Heat Exchanger Repair Facility

RFI/RI/BRA**CMS/FS****Statement of Basis/Proposed Plan****Revision 0 ROD****Post-ROD Documents****Site Evaluation Reports****High Level Radioactive Waste Tanks**

New or Replacement Waste Tank Annual Report

Other – Programmatic

Revision 0 Appendices C, G, and K
 Revision 0 Appendix H
 Revision 0 Appendix E
 Administrative Record File Indices Annual Update
 Federal Facility Agreement Annual Progress Report
 Annual Removal Action Report
 Revision 0 Appendix D
 Sixth Five-Year Remedy Review Report for SRS OUs with
 Groundwater Remedies

Other – Programmatic – Project-Specific

MIPSL OU Performance Evaluation Report (PER)
 ABRP & Misc Chem/Met Burn OU PER
 CMP Pits OU Effectiveness Monitoring Report
 KBRP and PBRP OUs Combined GW Monitoring Report
 L-Area Southern GW OU Effectiveness Monitoring Report
 R Rx Seepage Basins OU GW Mixing Zone Report
 TNX Area GW OU Effectiveness Monitoring Report
 D-Area Groundwater OU Letter Report
 D-Area Oil Seepage GW OU MZ Monitoring Report
 A-Area Misc. Rubble Pile OU PER
 FMB IOU Periodic Report 6

	E.2 ²
Field Starts	2 on 3
Issue RODs ³	2 on 4
RA Starts (if appropriate) ³	2 on 5

Field Starts

D-Area Groundwater OU [1]

ECODS N-1, Central Shops Scrap Lumber Pile,
 and Building 690-N, Process Heat Exchanger
 Repair Facility [2]

Issue RODs

Sixth Five-Year Remedy Review Report for
 SRS OUs with Native Soil Covers and/or
 LUCs [1]

Lower Three Runs IOU [3]

RA Starts

In Support of D Area Operable Unit ⁴ [4]
 D-Area Ash Basin (488-1D)
 D-Area Ash Basin (488-2D)
 D-Area Ash Landfill (488-4D)
 D-Area Coal Pile Runoff Basin (489-D)

G-Area Oil Seepage Basin OU [1]

¹ As new or revised Implementation Schedules are approved, the total number of documents will change.

² X on Y: # of documents and/or letters on milestones/operable unit count; typically does not include D&D Facilities or Remnants.

³ Issue RODs and RA Starts include Early Actions and/or Interim Actions and Remedy Review Reports.

⁴ These are Early Action milestones.

Enclosure 11

Tally of Milestones for Fiscal Years 2018 - 2065

Tally of Milestones for Fiscal Years (FY) 2018 – 2065

FY	Field Starts ¹	Issue RODs ¹	RA Starts ¹	Site Evaluation Report Submittals
2017 ²	1 – 1	1 – 1	0 – 0	0
2018	1 – 3	2 – 2	0 – 0	0
2019	2 – 4	3 – 6	0 – 0	0
2020	3 – 5	2 – 4	2 – 5	0
2021	1 – 1	1 – 1	1 – 3	0
2022	3 – 16	1 – 3	0 – 0	0
2023	2 – 4	3 – 3	1 – 3	0
2024	4 – 7	1 – 2	3 – 3	0
2025	1 – 1	1 – 4	1 – 2	2
2026	1 – 3	0 – 0	0 – 0	0
2027	2 – 4	4 – 15	1 – 4	0
2028	1 – 2	0 – 0	2 – 10	0
2029	1 – 1	0 – 0	3 – 5	0
2030	1 – 2	0 – 0	0 – 0	0
2031	2 – 5	1 – 1	0 – 0	0
2032	0 – 0	0 – 0	1 – 1	0
2033	0 – 0	0 – 0	0 – 0	0
2034	3 – 14	0 – 0	0 – 0	0
2035	1 – 5	0 – 0	0 – 0	1
2036	1 – 7	0 – 0	0 – 0	1
2037	1 – 15	1 – 5	0 – 0	0
2038	0 – 0	0 – 0	1 – 5	0
2039	1 – 6	2 – 6	0 – 0	0
2040	0 – 0	1 – 5	1 – 5	0
2041	0 – 0	1 – 4	1 – 6	0
2042	1 – 1	2 – 22	1 – 4	0

¹ X – Y: # of documents and/or letters – milestone/operable unit count

² 2017 information based on actuals and is provided for comparison purposes.

D&D Facilities or Remnants associated with Area Operable Units are not included in the tally counts listed above.

Issue RODs include Early Actions, Interim Actions, ESDs, Final Actions, and Five-Year Remedy Review Reports. RA Starts include Early Actions, Interim Actions, and Final Actions.

Tally of Milestones for Fiscal Years (FY) 2018 – 2065

FY	Field Starts ¹	Issue RODs ¹	RA Starts ¹	Site Evaluation Report Submittals
2043	1 - 2	1 - 1	2 - 22	0
2044	0 - 0	1 - 1	1 - 1	0
2045	0 - 0	1 - 6	0 - 0	0
2046	0 - 0	2 - 4	2 - 7	0
2047	0 - 0	1 - 1	2 - 4	0
2048	0 - 0	1 - 1	0 - 0	0
2049	0 - 0	1 - 2	3 - 4	0
2050	0 - 0	0 - 0	1 - 2	0
2051	0 - 0	0 - 0	0 - 0	0
2052	0 - 0	0 - 0	0 - 0	0
2053	0 - 0	0 - 0	0 - 0	0
2054	0 - 0	0 - 0	0 - 0	0
2055	0 - 0	0 - 0	0 - 0	0
2056	0 - 0	1 - 1	0 - 0	0
2057	0 - 0	0 - 0	1 - 1	0
2058	1 - 2	0 - 0	0 - 0	0
2059	3 - 4	0 - 0	0 - 0	0
2060	1 - 3	0 - 0	0 - 0	0
2061	0 - 0	1 - 1	0 - 0	0
2062	0 - 0	1 - 1	1 - 1	0
2063	0 - 0	3 - 6	1 - 1	0
2064	0 - 0	3 - 6	2 - 5	0
2065	0 - 0	0 - 0	4 - 7	0

¹ X - Y: # of documents and/or letters – milestone/operable unit count

² 2017 information based on actuals and is provided for comparison purposes.

D&D Facilities or Remnants associated with Area Operable Units are not included in the tally counts listed above.

Issue RODs include Early Actions, Interim Actions, ESDs, Final Actions, and Five-Year Remedy Review Reports. RA Starts include Early Actions, Interim Actions, and Final Actions.

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**FY2017 Appendix E Rev. 1 (04/17/2017) and FY2018 Appendix E Rev. 0
(11/03/2017) Comparison Table**

FY2017 Appendix E Rev. 1 (04/17/2017) and FY2018 Appendix E Rev. 0 (11/03/2017) Comparison Table

FY2017 Appendix E Rev. 1 (04/107/2017)						FY2018 Appendix E Rev. 0 (11/03/2017)					
	Field Start	Issue ROD	Other ROD*	RA Start	Site Evaluation Report		Field Start	Issue ROD	Other ROD*	RA Start	Site Evaluation Report
FY18	3	0	2	0	0	FY18	3	0	2	0	0
FY19	4	0	5	0	0	FY19	4	1	5	0	0
FY20	6	6	1	4	0	FY20	5	3	1	5	0
FY21	1	0	0	6	0	FY21	1	0	1	3	0
FY22	16	0	3	0	0	FY22	16	0	3	0	0
FY23	4	5	1	3	0	FY23	4	2	1	3	0
FY24	7	0	0	3	0	FY24	7	2	0	3	0
FY25	1	4	0	3	2	FY25	1	4	0	2	2
FY26	3	0	0	0	0	FY26	3	0	0	0	0
FY27	4	5	9	13	0	FY27	4	4	11	4	0
FY28	2	0	0	0	0	FY28	2	0	0	10	0
FY29	1	0	0	5	0	FY29	1	0	0	5	0
FY30	2	0	0	0	0	FY30	2	0	0	0	0
FY31	5	0	0	0	0	FY31	5	1	0	0	0
FY32	0	0	0	0	0	FY32	0	0	0	1	0
FY33	0	0	0	0	0	FY33	0	0	0	0	0
FY34	13	0	0	0	0	FY34	14	0	0	0	0
FY35	5	0	0	0	1	FY35	5	0	0	0	1
FY36	7	0	0	0	1	FY36	7	0	0	0	1
FY37	15	0	4	0	0	FY37	15	0	5	0	0
FY38	0	0	0	4	0	FY38	0	0	0	5	0
FY39	6	3	1	5	0	FY39	6	1	5	0	0
FY40	0	0	5	5	0	FY40	0	0	5	5	0
FY41	0	0	4	5	0	FY41	0	0	4	6	0
FY42	1	22	0	0	0	FY42	1	22	0	4	0
FY43	0	1	0	22	0	FY43	2	1	0	22	0
FY44	0	1	0	1	0	FY44	0	1	0	1	0
FY45	0	6	0	0	0	FY45	0	6	0	0	0
FY46	0	4	0	7	0	FY46	0	4	0	7	0
FY47	0	1	0	4	0	FY47	0	1	0	4	0
FY48	0	1	0	0	0	FY48	0	1	0	0	0
FY49	0	0	0	4	0	FY49	0	2	0	4	0
FY50	0	0	0	2	0	FY50	0	0	0	2	0
FY51	0	0	0	0	0	FY51	0	0	0	0	0
FY52	0	0	0	0	0	FY52	0	0	0	0	0
FY53	0	0	0	0	0	FY53	0	0	0	0	0
FY54	0	0	0	0	0	FY54	0	0	0	0	0
FY55	0	0	0	0	0	FY55	0	0	0	0	0
FY56	0	1	0	0	0	FY56	0	1	0	0	0
FY57	0	0	0	1	0	FY57	0	0	0	1	0
FY58	2	0	0	0	0	FY58	2	0	0	0	0
FY59	4	0	0	0	0	FY59	4	0	0	0	0
FY60	0	0	0	0	0	FY60	3	0	0	0	0
FY61	0	1	0	0	0	FY61	0	1	0	0	0
FY62	0	1	0	1	0	FY62	0	1	0	1	0
FY63	0	6	0	1	0	FY63	0	6	0	1	0
FY64	0	6	0	5	0	FY64	0	6	0	5	0
FY65	0	0	0	7	0	FY65	0	0	0	7	0

* Other RODs can be Early Actions, Interim Actions, ESDs, or Five-Year Remedy Review Reports.