



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

JAN 27 2021

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
Savannah River Remediation Project Manager
Superfund Division
U. S. Environmental Protection Agency, Region 4
61 Forsyth Street, SW
Atlanta, Georgia 30303

Dear Ms. Fulmer and Mr. Richards:

SUBJECT: Federal Facility Agreement Revision 1 Appendix E, Long-Term Projections for Fiscal Year (FY) 2021 (Print Date: 01/21/2021) and Savannah River Site's Responses to the Regulatory Comments on the Revision 0 Appendix E for FY2021

In accordance with the terms of Section XIX.C of the Federal Facility Agreement (FFA) for the Savannah River Site (SRS), the U.S. Department of Energy (DOE) is submitting the Revision 1 Appendix E, Long-Term Projections for Fiscal Year (FY) 2021 (Print Date: 01/21/2021) (Enclosure 1) for your review. The South Carolina Department of Health and Environmental Control (SCDHEC) and U. S. Environmental Protection Agency (EPA) provided comments on the Revision 0 Appendix E for FY2021 (Print Date: 11/04/2020) on December 17, 2020 and January 5, 2021, respectively. The SRS' responses to the regulatory comments are also enclosed (Enclosures 2 and 3) for your review.

Based on the responses SRS' responses to the regulatory comments, changes were only required for Appendices E.1 and E.2 to remove the submittal of the A-Area Miscellaneous Rubble Pile (731-6A) Operable Unit Performance Evaluation Reports as discussed and agreed to by DOE, EPA, and SCDHEC during a December 16, 2020 meeting. During the meeting, DOE, EPA, and SCDHEC agreed to discontinue operation of the passive soil vapor extraction system based on modeling and empirical data from the system. Therefore, submittal of the reports is no longer required.

Please review the enclosures and provide your comments or approval within thirty (30) days of receipt. The effort and time that the EPA and SCDHEC have given on the subject appendix are greatly appreciated.

Ms. Susan Fulmer
Mr. Jon Richards

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JAN 27 2021

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

Sincerely,

**Brian T.
Hennessey**

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

Digitally signed by Brian T.
Hennessey
Date: 2021.01.21 10:13:17 -05'00'

IACD-21-121

Enclosures:

1. Federal Facility Agreement Revision 1 Appendix E, Long-Term Projections for Fiscal Year 2021 (Print Date: 01/21/2021)
2. Savannah River Site's Responses to South Carolina Department of Health and Environmental Control's Comments on Federal Facility Agreement Revision 0 Appendix E, Long-Term Projections for Fiscal Year 2021 (Print Date: 11/04/2020)
3. Savannah River Site's Responses to U. S. Environmental Protection Agency's Comments on Federal Facility Agreement Revision 0 Appendix E, Long-Term Projections for Fiscal Year 2021 (Print Date: 11/04/2020)

cc w/o encl:

J. Blalock, SCDHEC-Columbia
G. K. Taylor, SCDHEC-Columbia
S. French, SCDHEC-Columbia
M. Reece, SCDHEC-Columbia
T. R. Fuss, SCDHEC-Aiken Environmental Affairs Office
B. Cameron, SCDHEC-Aiken Environmental Affairs Office
G. O'Quinn, SCDHEC-Aiken Environmental Affairs Office

cc w/encl:

D. Lloyd, EPA-Atlanta
R. H. Pope, EPA-Atlanta
J. Tufts, EPA-Atlanta
C. VanTrees, EPA-Atlanta

General Comments

1. The schedule outlined in Appendix E contains a completion date of 2065 due to continuing missions at the Savannah River Site (SRS); however, the latter years of the schedule continue to contain a significant volume of work to be completed to meet this commitment. The Department is concerned that extending the Area Completion activities out jeopardizes the goals established in the Comprehensive Cleanup Plan and Letter of Support, as well as the overall accelerated cleanup vision for the SRS. The extremely heavy ramping up of work scheduled for the end of the SRS lifecycle may not be achievable from a budget or personnel perspective.

Response: In an effort to continue protection of human health and the environment, the U.S. Department of Energy (DOE) will continue to evaluate early execution of cleanup work. DOE wants to keep the efficiencies that have been gained through the Area Completion approach. Therefore, smaller projects that can be potentially performed ahead of final area completion will be identified for discussion with the U.S. Environmental Protection Agency and the South Carolina Department of Health and Environmental Control if funding becomes available.

No change to Appendix E is proposed.

2. As per the *2019 Suspension Agreement – FFA HLW Tank Milestones*, the Department is looking forward to beginning the renegotiations of the tank milestones listed on Appendix L of the FFA and establishing these milestones by September 30, 2022.

Response: The DOE remains committed to safely managing the tank wastes at the Savannah River Site (SRS) and reducing the associated risks through processing and treating both the high-level and low-level wastes. The Department is pleased that the \$2B+ Salt Waste Processing Facility has begun routine radiological operations. This new high-capacity facility provides the means to process waste retrieved from the waste tanks for treatment at either the Defense Waste Processing Facility or the Saltstone Production Facility.

The Department is actively pursuing a new Integrated Mission Completion Contract that includes the scope for the Liquid Waste Program at the SRS. The final Request for Proposal for this new contract was issued on October 1, 2020. Consistent with paragraph 7(b) of the *2019 Suspension Agreement Federal Facility Agreement (FFA) High-Level Waste (HLW) Tank Milestones*, the Department looks forward to initiating discussions for the negotiations of the Appendix L milestones within 30 days of issuing the notice to proceed on the new contract. It is expected that the contract will be in place in time for the negotiations to occur and agreements reached on new tank milestones by September 30, 2022.

No change to Appendix E is proposed.

Comments Received: December 17, 2020

Specific Comment

1. As per the Core Team meeting held on December 16, 2020, please remove the deliverable commitment for the A-Area Miscellaneous Rubble Pile (731-6A) Performance Evaluation Report from Appendix E.1 and E.2. All associated sampling events will now be reported in the Five-Year Remedy Review Reports.

Response: Agree. As discussed at the December 16, 2020 Core Team meeting, Appendices E.1 and E.2 will be revised to remove the deliverable commitment for the A-Area Miscellaneous Rubble Pile (731-6A) Performance Evaluation Report as all associated sampling events will now be reported in the Five-Year Remedy Review Reports.

Comments Received: January 5, 2021

1. C Reactor: EPA requests D&D be accelerated for the C Reactor. EPA specially requests that the three parties to the FFA initiate discussions regarding the future mission for C Reactor as it may be appropriate for the facility to modify the end state compared to the one implemented for P and R Reactors. EPA understands that various entities are currently utilizing C Reactor for training and EPA encourages re-use and redevelopment of Superfund sites as much as possible in a way that is protective of human health and the environment. Work should be considered and funded in the near term to lead toward the final end state. For example, a final cap and roof modifications such as P & R, Reactors should be considered, unusable portions of the facility should be considered for final actions and disposal of the deuterium impacted water should be pursued.

Response: Clarification. The C-Reactor Building has a modified mission to store moderator water (i.e., heavy water) until Fiscal Year 2040. As stated in your comment, the Savannah River Site (SRS) security services use the building for mandatory training exercises as well as tactical exercises to meet U. S. Department of Energy (DOE) Order requirements. This use of the facility for training will continue as long as the C-Reactor Building exists as there is no foreseen relief from the mandatory training. The in-situ decommissioning (ISD) of the C-Area Disassembly Basin occurred in 2011 and 2012 and is documented in the *Removal Action Report (RAR) for the In Situ Decommissioning of the 105-C Disassembly Basin (U)* (SRNS-RP-2012-00837, Revision 1, May 2013). In order to proceed with any additional grouting actions with the C-Reactor Building, the entire facility would need to be electrically isolated (i.e., “cold and dark”). It is not cost-effective to electrically isolate individual portions of the facility to accomplish ISD on sections of a facility that is still in use. In addition, there is not much to gain in handling roof modifications in a piecemeal fashion without the characterization and modeling to support where problems exist and there are some large pieces of equipment (e.g., gantry crane and supporting structure used to raise and lower the reactor process room shield door) that would have to be removed from certain roofs in order to place the concrete roof cap.

Finally, the C-Reactor has not been declared “excess” at this time by the DOE Office of Environmental Management, and a large, hardened facility such as this may have a value for a future DOE mission. Based on this information, there are no portions of the building that can be isolated for ISD at this time.

The C-Reactor Building is owned by the DOE Spent Fuels Program, who makes routine rounds of the facility. Land use controls (LUCs) are also in effect at the C-Reactor Complex as documented in the *Early Action Record of Decision Remedial Alternative Selection for the C-, K-, L- and R-Reactor Complexes* (SRNS-RP-2009-000707, Revision 1, September 2009) and the *Early Action Land Use Control Implementation Plan (EALUCIP) for the C-, K-, L- and R-Reactor Complexes* (SRNS-RP-2009-000707, Revision 1, May 2010). The LUCs will remain in effect until ISD can be implemented in the future upon closure of the C-Reactor Complex.

Comments Received: January 5, 2021

No change to Appendix E is proposed.

2. D Area – EPA requests a Removal Action be planned for full implementation after the treatability studies

Response: Clarification. The current D-Area Groundwater (DAG) Operable Unit (OU) treatability study (TS) is not fully implemented. Therefore, proposing a removal action based on the TS is premature at this time. As discussed during the August 12, 2020 DAG OU conference call, the TS system will be monitored and data collected for several years to determine the effectiveness of the system, in support of the Corrective Measures Study / Feasibility Study (currently due 3/10/2026). The results will be reported in the annual TS Data Reports that are scheduled for submittal in January of each year. DOE proposes to discuss the objective(s) and potential for a future removal action during the RFI/RI Work Plan Scoping Meeting to be scheduled for Spring 2021.

No change to Appendix E is proposed.

3. Now that the Salt Waste Processing Facility has begun hot operations, EPA requests that SRS propose updated milestones in Appendix E for the emptying and closure of the High Level Waste Tanks that have been delayed.

Response: The DOE remains committed to safely managing the tank wastes at the SRS and reducing the associated risks through processing and treating both the high-level and low-level wastes. The Department is pleased that the \$2B+ Salt Waste Processing Facility has begun routine radiological operations. This new high-capacity facility provides the means to process waste retrieved from the waste tanks for treatment at either the Defense Waste Processing Facility or the Saltstone Production Facility.

The Department is actively pursuing a new Integrated Mission Completion Contract that includes the scope for the Liquid Waste Program at the SRS. The final Request for Proposal for this new contract was issued on October 1, 2020. Consistent with paragraph 7(b) of the 2019 Suspension Agreement Federal Facility Agreement (FFA) High-Level Waste (HLW) Tank Milestones, the Department looks forward to initiating discussions for the negotiations of the Appendix L milestones within 30 days of issuing the notice to proceed on the new contract. It is expected that the contract will be in place in time for the negotiations to occur and agreements reached on new tank milestones by September 30, 2022. Once the new Appendix L milestones have been established, Appendix E of the FFA will be revised to reflect the new milestone commitment dates as appropriate.

No change to Appendix E is proposed.

**Savannah River Site's Responses to
U. S. Environmental Protection Agency's Comments on:
Federal Facility Agreement Revision 0 Appendix E, Long-Term Projections for Fiscal Year 2021
(11/04/2020)**

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Comments Received: January 5, 2021

4. Also, EPA recommends the Savannah River Operations Office to seek appropriate funding levels to fully implement Appendix E and accelerate the schedule where possible.

Response: DOE continues to seek appropriate funding levels to fully implement Appendix E. In an effort to continue protection of human health and the environment, the DOE will continue to evaluate early execution of cleanup work. DOE wants to keep the efficiencies that have been gained through the Area Completion approach. Therefore, smaller projects that can be potentially performed ahead of final area completion will be identified for discussion with U.S. Environmental Protection Agency and the South Carolina Department of Health and Environmental Control if funding becomes available. DOE also continues to seek funding for decommissioning of excess facilities to support risk reduction and/or accelerated area closure.

No change to Appendix E is proposed.

Revision 1 Appendix E: Fiscal Year 2021 Long-Term Projections
E.1: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2022

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 2022 Submittal SRS Unit Index Number(s): N/A SEMS Number(s): N/A	10/01/2021
Revision 0 Appendix H, RCRA Regulated Units for Fiscal Year 2022 Submittal SRS Unit Index Number(s): N/A SEMS Number(s): N/A	10/01/2021
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) Report with Baseline Risk Assessment (BRA) and Corrective Measures Study/Feasibility Study (CMS/FS) Submittal SRS Unit Index Number(s): 525 244 1828 SEMS Number(s): 93	10/28/2021
Revision 0 Appendix E for Fiscal Year 2022 (Commitments for Fiscal Years 2023 & 2024 and Projected ROD Issuance Dates for Fiscal Year 2025+) Submittal SRS Unit Index Number(s): N/A SEMS Number(s): N/A	11/15/2021
Issue Stormwater Outfall A-013 (NBN) Operable Unit Record of Decision Remedial Alternative Selection SRS Unit Index Number(s): 483 SEMS Number(s): 62	11/29/2021
Administrative Record File Indices Annual Update for Fiscal Year 2021 Submittal SRS Unit Index Number(s): N/A SEMS Number(s): N/A	12/01/2021
Federal Facility Agreement Annual Progress Report for Fiscal Year 2021 (Including annual certification of Land Use Control Units) Submittal SRS Unit Index Number(s): N/A SEMS Number(s): N/A	12/01/2021
Revision 0 Sixth Five-Year Remedy Review Report for Savannah River Site Operable Units with Geosynthetic or Stabilization/Solidification Cover Systems Submittal SRS Unit Index Number(s): N/A SEMS Number(s): 00	12/15/2021
Removal Actions Performed in Fiscal Year 2021 Report Submittal SRS Unit Index Number(s): N/A SEMS Number(s): N/A	01/01/2022
Issue Lower Three Runs Integrator Operable Unit Record of Decision Remedial Alternative Selection SRS Unit Index Number(s): 505 110 312 SEMS Number(s): 35	01/24/2022

Savannah River Site (SRS) Unit Index Number is a unique identifier assigned to each individual RCRA/CERCLA Unit. This number is used by SRS for tracking and is not meant to imply a ranking or priority.

CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act

D&D: Deactivation and Decommissioning

NBN: No Building Number

RCRA: Resource Conservation and Recovery Act

SEMS: The U. S. Environmental Protection Agency's (EPA's) Superfund Enterprise Management System database.

¹ This facility was addressed per Facility Decommissioning Evaluation (FDE) protocols; however, the post-decommissioning facility remnants (including the building slab) will be closed under the FFA as part of this operable unit.

Revision 1 Appendix E: Fiscal Year 2021 Long-Term Projections
E.1: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2022

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
D-Area Groundwater Operable Unit (NBN) Revision 0 Treatability Study Data Report Submittal SRS Unit Index Number(s): 520 SEMS Number(s): 63A	01/31/2022
Issue Sixth Five-Year Remedy Review Report for Savannah River Site Operable Units with Engineered Cover Systems SRS Unit Index Number(s): N/A SEMS Number(s): 00	02/01/2022
Early Construction and Operational Disposal Site (ECODS) L-3 (East of L Area) (NBN), L-Area Rubble Pit (131-1L), and L-Area Rubble Pit (131-4L) Operable Unit Revision 0 Resource Conservation and Recovery Act (RCRA) Facility Investigation/Remedial Investigation (RFI/RI) Work Plan Submittal SRS Unit Index Number(s): 537 98 99 SEMS Number(s): 91	02/24/2022
New or Replacement Waste Tank System Components Annual Report Submittal (Including status of bulk waste & heel removal activities for F Area & H Area tanks, F Area & H Area Tank Farm Performance Assessments, F Area & H Area Tank Farm General Closure Plans, operational closure of groups of tanks in F & H Areas, & implementation of Section 3116(a) with respect to F Area & H Area tanks) SRS Unit Index Number(s): 283 298 SEMS Number(s): 23 89	03/09/2022
Lower Three Runs Integrator Operable Unit Revision 0 Land Use Control Implementation Plan Submittal SRS Unit Index Number(s): 505 110 312 SEMS Number(s): 35	04/01/2022
Lower Three Runs Integrator Operable Unit Revision 0 Remedial Action Implementation Plan Submittal SRS Unit Index Number(s): 505 110 312 SEMS Number(s): 35	04/01/2022
D-Area Ash Basin (488-1D) Revision 0 Second Early Action Post-Construction Report Submittal in Support of D-Area Operable Unit Submittal SRS Unit Index Number(s): 238 SEMS Number(s): 63	05/09/2022
D-Area Ash Basin (488-2D) Revision 0 Second Early Action Post-Construction Report Submittal in Support of D-Area Operable Unit Submittal SRS Unit Index Number(s): 272 SEMS Number(s): 63	05/09/2022
D-Area Ash Landfill (488-4D) Revision 0 Second Early Action Post-Construction Report Submittal in Support of D-Area Operable Unit Submittal SRS Unit Index Number(s): 548 SEMS Number(s): 63	05/09/2022
D-Area Coal Pile Runoff Basin (489-D) Revision 0 Second Early Action Post-Construction Report Submittal in Support of D-Area Operable Unit Submittal SRS Unit Index Number(s): SEMS Number(s):	05/09/2022

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¹ This facility was addressed per Facility Decommissioning Evaluation (FDE) protocols; however, the post-decommissioning facility remnants (including the building slab) will be closed under the FFA as part of this operable unit.

Revision 1 Appendix E: Fiscal Year 2021 Long-Term Projections
E.1: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2022

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
A-Area Burning/Rubble Pits (731-A, -1A), A-Area Rubble Pit (731-2A), and Miscellaneous Chemical Basin/Metals Burning Pit (731-4A, -5A) Operable Unit Performance Evaluation Report Submittal (Reference: WSRC-RP-2008-4071, Reports will be submitted annually)	05/31/2022
SRS Unit Index Number(s): 46 45 49 101 102 237 SEMS Number(s): 28	
Chemicals, Metals, and Pesticides (CMP) Pits (080-170G, -171G, -180G, -181G, -182G, -183G, and -190G) Operable Unit Annual Effectiveness Monitoring Report Submittal (Reference: WSRC-RP-2007-4070, Reports will be submitted annually)	06/17/2022
SRS Unit Index Number(s): 61 62 63 64 65 66 67 SEMS Number(s): 24	
K-Area Burning/Rubble Pit and Rubble Pile (131-K and 631-20G) (KBRP) and P-Area Burning/Rubble Pit (131-P) (PBRP) Operable Units Combined Groundwater Monitoring Report Submittal (Reference: ACP-08-133; combined sampling summary submitted annually beginning June 30, 2008, with detailed groundwater reports submitted every five years, beginning June 30, 2012. Report titled updated in accordance with IACD-18-122, dated January 11, 2018.)	06/30/2022
SRS Unit Index Number(s): 84 88 108 SEMS Number(s): 40 59	
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 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.).]	06/30/2022
SRS Unit Index Number(s): 121 122 123 124 119 120 42 SEMS Number(s): 25	
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)	07/31/2022
SRS Unit Index Number(s): 520 SEMS Number(s): 63	
D-Area Oil Seepage Basin (631-G) Groundwater Operable Unit Mixing Zone Report Submittal (Reference: WSRC-RP-97-422, Groundwater reports will be submitted in even numbered years)	07/31/2022
SRS Unit Index Number(s): 26 SEMS Number(s): 27	
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 Statement of Basis/Proposed Plan Submittal	08/03/2022
SRS Unit Index Number(s): 525 244 1828 SEMS Number(s): 93	

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RCRA: Resource Conservation and Recovery Act
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¹ This facility was addressed per Facility Decommissioning Evaluation (FDE) protocols; however, the post-decommissioning facility remnants (including the building slab) will be closed under the FFA as part of this operable unit.

Revision 1 Appendix E: Fiscal Year 2021 Long-Term Projections

E.1: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2022

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
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.]	08/31/2022
SRS Unit Index Number(s): 487	SEMS Number(s): 77
TNX Area Groundwater Operable Unit 2021 Comprehensive Groundwater Monitoring and Remedial Action Effectiveness Interim Report Submittal (Reference: WSRC-TR-95-284, Reports to be submitted annually.)	08/31/2022
SRS Unit Index Number(s): 25	SEMS Number(s): 21 29
Building 211-2F, Control and Check House Early Action RCRA Facility Investigation/Remedial Investigation (RFI/RI) Field Start in Support of F-Area Operable Unit	09/30/2022
SRS Unit Index Number(s): 1275	SEMS Number(s): 88
Building 211-3F, Waste Truck Unloading Station Early Action RCRA Facility Investigation/Remedial Investigation (RFI/RI) Field Start in Support of F-Area Operable Unit	09/30/2022
SRS Unit Index Number(s): 1276	SEMS Number(s): 88
Building 211-7F, Chemical Handling Facility Early Action RCRA Facility Investigation/Remedial Investigation (RFI/RI) Field Start in Support of F-Area Operable Unit	09/30/2022
SRS Unit Index Number(s): 1277	SEMS Number(s): 88
Building 211-F, Outside Facilities (Including the 805 and 820 Tank Cells) Early Action RCRA Facility Investigation/Remedial Investigation (RFI/RI) Field Start in Support of F-Area Operable Unit	09/30/2022
SRS Unit Index Number(s): 1279	SEMS Number(s): 88
Building 222-F, Cold Feed Preparation Area Early Action RCRA Facility Investigation/Remedial Investigation (RFI/RI) Field Start in Support of F-Area Operable Unit	09/30/2022
SRS Unit Index Number(s): 1293	SEMS Number(s): 88
Building 246-F, Equipment Test Facility Early Action RCRA Facility Investigation/Remedial Investigation (RFI/RI) Field Start in Support of F-Area Operable Unit	09/30/2022
SRS Unit Index Number(s): 1352	SEMS Number(s): 88

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¹ This facility was addressed per Facility Decommissioning Evaluation (FDE) protocols; however, the post-decommissioning facility remnants (including the building slab) will be closed under the FFA as part of this operable unit.

Revision 1 Appendix E: Fiscal Year 2021 Long-Term Projections
E.1: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2022

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
Building 247-7F, EC Process Building Early Action RCRA Facility Investigation/Remedial Investigation (RFI/RI) Field Start in Support of F-Area Operable Unit	09/30/2022
SRS Unit Index Number(s): 1355	SEMS Number(s): 88
Building 247-8F, Compressed Gas Storage Building Early Action RCRA Facility Investigation/Remedial Investigation (RFI/RI) Field Start in Support of F-Area Operable Unit	09/30/2022
SRS Unit Index Number(s): 1356	SEMS Number(s): 88
Building 247-F, Manufacturing Building Early Action RCRA Facility Investigation/Remedial Investigation (RFI/RI) Field Start in Support of F-Area Operable Unit	09/30/2022
SRS Unit Index Number(s): 1357	SEMS Number(s): 88
Building 647-G, Warehouse Early Action RCRA Facility Investigation/Remedial Investigation (RFI/RI) Field Start in Support of F-Area Operable Unit	09/30/2022
SRS Unit Index Number(s): 1480	SEMS Number(s): 88
Building 707-2F, Regulated Shops Early Action RCRA Facility Investigation/Remedial Investigation (RFI/RI) Field Start in Support of F-Area Operable Unit	09/30/2022
SRS Unit Index Number(s): 1412	SEMS Number(s): 88
Building 723-F, Laundry Facility Early Action RCRA Facility Investigation/Remedial Investigation (RFI/RI) Field Start in Support of F-Area Operable Unit	09/30/2022
SRS Unit Index Number(s): 1425	SEMS Number(s): 88
Building 728-F, Uranium Oxide Storage Building Early Action RCRA Facility Investigation/Remedial Investigation (RFI/RI) Field Start in Support of F-Area Operable Unit	09/30/2022
SRS Unit Index Number(s): 1426	SEMS Number(s): 88
Building 730-F, Uranium Oxide Storage Building Early Action RCRA Facility Investigation/Remedial Investigation (RFI/RI) Field Start in Support of F-Area Operable Unit	09/30/2022
SRS Unit Index Number(s): 1428	SEMS Number(s): 88
Early Construction and Operational Disposal Site (ECODS) L-3 (East of L Area) (NBN), L-Area Rubble Pit (131-1L), and L-Area Rubble Pit (131-4L) Operable Unit RCRA Facility Investigation/Remedial Investigation (RFI/RI) Field Start	09/30/2022
SRS Unit Index Number(s): 537 98 99	SEMS Number(s): 91

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Revision 1 Appendix E: Fiscal Year 2021 Long-Term Projections
E.2: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2023

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 2023 Submittal	10/01/2022
SRS Unit Index Number(s): N/A	SEMS Number(s): N/A
Revision 0 Appendix H, RCRA Regulated Units for Fiscal Year 2023 Submittal	10/01/2022
SRS Unit Index Number(s): N/A	SEMS Number(s): N/A
Revision 0 Appendix E for Fiscal Year 2023 (Commitments for Fiscal Years 2024 & 2025 and Projected ROD Issuance Dates for Fiscal Year 2026+) Submittal	11/15/2022
SRS Unit Index Number(s): N/A	SEMS Number(s): N/A
Administrative Record File Indices Annual Update for Fiscal Year 2022 Submittal	12/01/2022
SRS Unit Index Number(s): N/A	SEMS Number(s): N/A
Federal Facility Agreement Annual Progress Report for Fiscal Year 2022 (Including annual certification of Land Use Control Units) Submittal	12/01/2022
SRS Unit Index Number(s): N/A	SEMS Number(s): N/A
Revision 0 Sixth Five-Year Remedy Review Report for Savannah River Site Operable Units with Operating Equipment Submittal	12/21/2022
SRS Unit Index Number(s): N/A	SEMS Number(s): 00
Complete Operational Closure of FDB-5 and FDB-6 Diversion Boxes	12/31/2022
SRS Unit Index Number(s): 283 580 1307 1308	SEMS Number(s): 23
Removal Actions Performed in Fiscal Year 2022 Report Submittal	01/01/2023
SRS Unit Index Number(s): N/A	SEMS Number(s): N/A
Issue Sixth Five-Year Remedy Review Report for Savannah River Site Operable Units with Geosynthetic and/or Stabilization/Solidification Cover Systems	01/26/2023
SRS Unit Index Number(s): N/A	SEMS Number(s): 00
D-Area Groundwater Operable Unit (NBN) Revision 0 Treatability Study Data Report Submittal	01/31/2023
SRS Unit Index Number(s): 520	SEMS Number(s): 63
New or Replacement Waste Tank System Components Annual Report Submittal (Including status of bulk waste & heel removal activities for F Area & H Area tanks, F Area & H Area Tank Farm Performance Assessments, F Area & H Area Tank Farm General Closure Plans, operational closure of groups of tanks in F & H Areas, & implementation of Section 3116(a) with respect to F Area & H Area tanks)	03/09/2023
SRS Unit Index Number(s): 283 298	SEMS Number(s): 23 89

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¹This facility was addressed per Facility Decommissioning Evaluation (FDE) protocols; however, the post-decommissioning facility remnants (including the building slab) will be closed under the FFA as part of this operable unit.

Revision 1 Appendix E: Fiscal Year 2021 Long-Term Projections
E.2: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2023

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
Early Construction and Operational Disposal Site (ECODS) N-1 (South of N Area) (NBN), Central Shops Scrap Lumber Pile (631-2G), and Building 690-N, Process Heat Exchanger Repair Facility (aka Ford Building) ¹ Operable Unit Revision 0 Record of Decision Remedial Alternative Selection Submittal	03/20/2023
SRS Unit Index Number(s): 525 244 1828	SEMS Number(s): 93
Lower Three Runs Integrator Operable Unit Remedial Action Start	04/24/2023
SRS Unit Index Number(s): 505 110 312	SEMS Number(s): 35
A-Area Burning/Rubble Pits (731-A, -1A), A-Area Rubble Pit (731-2A), and Miscellaneous Chemical Basin/Metals Burning Pit (731-4A, -5A) Operable Unit Performance Evaluation Report Submittal (Reference: WSRC-RP-2008-4071, Reports will be submitted annually)	05/31/2023
SRS Unit Index Number(s): 46 45 49 101 102 237	SEMS Number(s): 28
Chemicals, Metals, and Pesticides (CMP) Pits (080-170G, -171G, -180G, -181G, -182G, -183G, and -190G) Operable Unit Annual Effectiveness Monitoring Report Submittal (Reference: WSRC-RP-2007-4070, Reports will be submitted annually)	06/17/2023
SRS Unit Index Number(s): 61 62 63 64 65 66 67	SEMS Number(s): 24
A-Area Ash Pile (788-A) and A-Area Coal Pile Runoff Basin (788-3A) Revision 0 Statement of Basis/Proposed Plan Submittal	06/20/2023
SRS Unit Index Number(s): 236 47	SEMS Number(s): 62
C-Area Burning/Rubble Pit (131-C) and Old C-Area Burning/Rubble Pit (NBN) Operable Unit Effectiveness Monitoring Report Submittal [WSRC-RP-2008-4051 and WSRC-RP-2008-4049, Reports to be submitted biennially (every 2 years).]	06/30/2023
SRS Unit Index Number(s): 51 566	SEMS Number(s): 31
K-Area Burning/Rubble Pit and Rubble Pile (131-K and 631-20G) (KBRP) and P-Area Burning/Rubble Pit (131-P) (PBRP) Operable Units Combined Groundwater Monitoring Report Submittal (Reference: ACP-08-133; combined sampling summary submitted annually beginning June 30, 2008, with detailed groundwater reports submitted every five years, beginning June 30, 2012. Report title updated in accordance with IACD-18-122, dated January 11, 2018.)	06/30/2023
SRS Unit Index Number(s): 84 88 108	SEMS Number(s): 40 59
Early Construction and Operational Disposal Site (ECODS) L-3 (East of L Area) (NBN), L-Area Rubble Pit (131-1L), and L-Area Rubble Pit (131-4L) Operable Unit Revision 0 RCRA Facility Investigation/Remedial Investigation Report with Baseline Risk Assessment and Corrective Measures Study/Feasibility Study Submittal	07/11/2023
SRS Unit Index Number(s): 537 98 99	SEMS Number(s): 91
D-Area Groundwater Operable Unit (D-Area Upgradient Sources) Groundwater Monitoring Report Submittal (Reference: WSRC-RP-2003-4150, Groundwater reports will be submitted in odd numbered years)	07/31/2023
SRS Unit Index Number(s): 520	SEMS Number(s): 63

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Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
D-Area Oil Seepage Basin (631-G) Groundwater Operable Unit Mixing Zone Letter Report Submittal (Reference: WSRC-RP-97-422, Letter reports will be submitted in odd numbered years)	07/31/2023
SRS Unit Index Number(s): 26	SEMS Number(s): 27
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 Corrective Measures Implementation/Remedial Action Implementation Plan Submittal	08/15/2023
SRS Unit Index Number(s): 525 244 1828	SEMS Number(s): 93
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 Land Use Control Implementation Plan Submittal	08/15/2023
SRS Unit Index Number(s): 525 244 1828	SEMS Number(s): 93
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.)	08/31/2023
SRS Unit Index Number(s): 288	SEMS Number(s): 95
TNX Area Groundwater Operable Unit 2022 Comprehensive Groundwater Monitoring and Remedial Action Effectiveness Interim Report Submittal (Reference: WSRC-TR-95-284, Reports to be submitted annually.)	08/31/2023
SRS Unit Index Number(s): 25	SEMS Number(s): 21 29

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