



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

**APR 28 2020**

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 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. Richards:

**SUBJECT:** Fiscal Year (FY) 2020 Budget Allotment for Environmental Compliance & Area Completion Projects and Federal Facility Agreement Revision 0 Appendix D for FY2020 (Print Date: 04/20/2020)

In accordance with the terms of Section XX.B of the Federal Facility Agreement (FFA) for the Savannah River Site (SRS), the U.S. Department of Energy (DOE) is providing official notification that the Savannah River Operations Office has received its Fiscal Year (FY) 2020 Budget Advice of Allotment and accompanying Approved Funding Program authorizing the FY2020 Environmental Compliance & Area Completion Projects budget.

This submittal also includes the FFA Revision 0 Appendix D for FY2020 (Print Date: 04/20/2020) for your review as required by FFA Section XX.B. The Revision 0 Appendix D for FY2020 incorporates the changes discussed below from the approved FFA Revision 0 Appendix E: Fiscal Year 2019 Long-Term Projections, Appendix E.1: Deliverable Commitment Dates and Milestones Commitment Dates for FY2020 (Print Date: 10/26/2018, Updated 10/24/2019).

1. Since Building 690-N, Process Heat Exchanger Repair Facility (aka Ford Building) is undergoing deactivation and decommissioning per the regulatory approved Facility Decommissioning Evaluation Building 690-N, Process Heat Exchanger Repair Facility (G-FDE-N-00013, Revision 2, May 13, 2019), footnote 1 was revised from "The facility was not addressed per Facility Decommissioning Evaluation (FDE) protocols; however, this facility will receive final disposition as a remedial action conducted as part of an ongoing characterization/remedial action." to "This facility was addressed per

Facility Decommissioning Evaluation protocols; however, the facility and ancillary equipment remnants will be addressed as part of the ECODS N-1, Central Shops Scrap Lumber Pile (631-2G) and Building 690-N, Process Heat Exchanger Repair Facility (aka Ford Building) Operable Unit.”

2. The Stormwater Outfall A-013 was formerly a subunit of the A-Area Ash Pile (788-A), A-Area Coal Pile Runoff Basin (788-3A), and Stormwater Outfall A-013 (AAP/CPRB) Operable Unit (OU). During the June 2012 scoping meeting for the Statement of Basis/Proposed Plan, the Core Team (i.e., representatives from DOE, U.S. Environmental Protection Agency [EPA], and South Carolina Department of Health and Environmental Control [SCDHEC]) agreed that there were no problems warranting action for the Stormwater Outfall A-013 subunit. Subsequent to this agreement, the DOE decided to pursue a comprehensive evaluation for disposition of the remaining coal ash waste units at the SRS, including the AAP/CPRB. For this reason, the AAP (788-A) and CPRB (788-3A) subunits were decoupled from the Stormwater Outfall A-013 subunit, and the milestones associated with the AAP/CPRB OU delayed in order for the DOE to evaluate and discuss ash disposal options with the Core Team. The Stormwater Outfall A-013 subunit was officially placed on a separate administrative pathway as a single OU in the FFA in January 2020. As noted in Appendix C of the FFA, Stormwater Outfall A-013 (NBN) does not require a Resource Conservation and Recovery Act (RCRA) Permit modification (not subject to RCRA 3004(u) requirements); therefore, only a Proposed Plan will be submitted for the outfall. Based on these agreements, the Stormwater Outfall A-013 (NBN) Revision 0 Proposed Plan Submittal was added with a milestone/submittal date of 06/22/2020.
3. On February 4, 2020, the DOE submitted an extension request for the Proposed Plan and subsequent milestones for the Lower Three Runs Integrator Operable Unit (IOU) (IACD-20-130). Additional time was required for the Lower Three Runs IOU remedial process due to delays incurred as a result of the current dispute at Oak Ridge associated with identifying water quality standards as an applicable or relevant and appropriate requirement. Comment resolution associated with the Lower Three Runs IOU Feasibility Study was required prior to submittal of the Lower Three Runs IOU Revision 0 Proposed Plan. The EPA and SCDHEC approved the extension request on February 4, 2020 and February 6, 2020, respectively. Based on these approvals, the milestone/submittal date for the Lower Three Runs IOU Revision 0 Proposed Plan Submittal was revised from 02/24/2020 to 04/24/2020.
4. On April 8, the DOE submitted an extension request for the removal action start of the D-Area Coal Storage Area (484-17D) (IACD-20-143). The removal action start date was placed on hold due to the COVID-19 work restrictions. The SCDHEC and EPA approved the extension request on April 8, 2020 and April 9, 2020, respectively. Based on these approvals, the milestone/submittal date for the D-Area Coal Storage Area (484-17D) Removal Action Start in Support of D-Area Groundwater Operable Unit was revised from 04/30/2020 to 08/28/2020.

Ms. Susan B. Fulmer  
Mr. Jon Richards

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As of the date of this letter, all milestones have been met on or ahead of schedule.

Please review the enclosures and provide your comments or approval within fifteen (15) days of receipt. The effort and time that the EPA and SCDHEC have given on the subject appendix are greatly appreciated.

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

Sincerely,

**BRIAN HENNESSEY** Digitally signed by BRIAN HENNESSEY  
Date: 2020.04.27 12:19:21 -04'00'

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

IACD-20-146

Enclosures:

Revision 0 Appendix D for Fiscal Year 2020 (Print Date: 04/20/2020)

cc w/o encl:

D. Scaturo, SCDHEC-Columbia  
S. French, SCDHEC-Columbia  
M. Reese, SCDHEC-Columbia  
G. K. Taylor, SCDHEC-Columbia  
T. R. Fuss, SCDHEC – Aiken Environmental Affairs Office  
G. O'Quinn, SCDHEC – Aiken Environmental Affairs Office  
B. Cameron, SCDHEC – Aiken Environmental Affairs Office  
R. H. Pope, EPA - Atlanta

cc w/encl:

D. Lloyd, EPA – Atlanta  
J. Tufts, EPA – Atlanta  
C. VanTrees, EPA – Atlanta

**Revision 0 Appendix D for Fiscal Year 2020**

<b>Deliverable or Milestone:</b>	<b>Milestone/ Submittal Date (MM/DD/YYYY)</b>
Revision 0 Appendix C, RCRA/CERCLA Unit List, Appendix G, Site Evaluation Areas, and Appendix K, D&D Facilities for Fiscal Year 2020 Submittal	10/01/2019
SRS Unit Index Number(s): N/A	SEMS Number(s): N/A
Revision 0 Appendix H, RCRA Regulated Units for Fiscal Year 2020 Submittal	10/01/2019
SRS Unit Index Number(s): N/A	SEMS Number(s): N/A
Revision 0 Appendix E for Fiscal Year 2020 (Commitments for Fiscal Years 2021 & 2022 and Projected ROD Issuance Dates for Fiscal Year 2023+) Submittal	11/15/2019
SRS Unit Index Number(s): N/A	SEMS Number(s): N/A
Complete Bulk Waste Removal Efforts for Tank 10H	11/30/2019
SRS Unit Index Number(s): N/A	SEMS Number(s): 89
Administrative Record File Indices Annual Update for Fiscal Year 2019 Submittal	12/01/2019
SRS Unit Index Number(s): N/A	SEMS Number(s): N/A
Federal Facility Agreement Annual Progress Report for Fiscal Year 2019 (Including annual certification of Land Use Control Units) Submittal	12/01/2019
SRS Unit Index Number(s): N/A	SEMS Number(s): N/A
Revision 0 Sixth Five-Year Remedy Review Report for Savannah River Site Operable Units with Groundwater Remedies Submittal	12/20/2019
SRS Unit Index Number(s): N/A	SEMS Number(s): 00
Removal Actions Performed in Fiscal Year 2019 Report Submittal	01/01/2020
SRS Unit Index Number(s): N/A	SEMS Number(s): N/A
D-Area Groundwater Operable Unit Treatability Study Field Start	01/31/2020
SRS Unit Index Number(s): 520	SEMS Number(s): 63
<b>Issue Sixth Five-Year Remedy Review Report for Savannah River Site Operable Units with Native Soil Covers and/or Land Use Controls</b>	02/06/2020
SRS Unit Index Number(s): N/A	SEMS Number(s): 00

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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.

<sup>1</sup> This facility was addressed per Facility Decommissioning Evaluation protocols; however, the facility and ancillary equipment remnants will be addressed as part of this ECODS N-1, Central Shops Scrap Lumber Pile (631-2G) and Building 690-N, Process Heat Exchanger Repaor Facility (aka Ford Building) Operable Unit.

## Revision 0 Appendix D for Fiscal Year 2020

<b>Deliverable or Milestone:</b>	<b>Milestone/ Submittal Date (MM/DD/YYYY)</b>
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) <sup>1</sup> Operable Unit Revision 0 Resource Conservation and Recovery Act (RCRA) Facility Investigation/Remedial Investigation (RFI/RI) Work Plan Submittal SRS Unit Index Number(s): 525 244 1828 SEMS Number(s): 93	02/14/2020
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 SRS Unit Index Number(s): 238 SEMS Number(s): 63	02/18/2020
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 SRS Unit Index Number(s): 272 SEMS Number(s): 63	02/18/2020
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 SRS Unit Index Number(s): 548 SEMS Number(s): 63	02/18/2020
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 SRS Unit Index Number(s): 69 SEMS Number(s): 63	02/18/2020
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	03/09/2020
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 SEMS Number(s): 19	04/02/2020
Lower Three Runs Integrator Operable Unit Revision 0 Proposed Plan Submittal SRS Unit Index Number(s): 505 110 312 SEMS Number(s): 35	04/24/2020

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**Revision 0 Appendix D for Fiscal Year 2020**

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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)	05/31/2020
SRS Unit Index Number(s): 46 45 49 101 102 237	SEMS Number(s): 28
Wetland Area at Dunbarton Bay (NBN) Revision 0 Post Construction Report in Support of Steel Creek Integrator Operable Unit Submittal	06/15/2020
SRS Unit Index Number(s): 509	SEMS Number(s): 71
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)	06/17/2020
SRS Unit Index Number(s): 61 62 63 64 65 66 67	SEMS Number(s): 24
Stormwater Outfall A-103 (NBN) Revision 0 Proposed Plan Submittal	06/22/2020
SRS Unit Index Number(s): 483	SEMS Number(s): 62
<b>D-Area Groundwater Operable Unit (D-Area Upgradient Sources) Field Start</b>	06/30/2020
SRS Unit Index Number(s): 520	SEMS Number(s): 63
F-Area Tank Farm Revision 0 Deactivation Plan Submittal	06/30/2020
SRS Unit Index Number(s): 283 580	SEMS Number(s): 23
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.)	06/30/2020
SRS Unit Index Number(s): 84 88 108	SEMS Number(s): 40 59

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**Revision 0 Appendix D for Fiscal Year 2020**

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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	SEMS 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	SEMS 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	SEMS Number(s): 21 29
D-Area Groundwater Operable Unit (D-Area Upgradient Sources) Groundwater Letter Report Submittal (Reference: WSRC-RP-2003-4150, Letter reports will be submitted in even numbered years)	07/31/2020
SRS Unit Index Number(s): 520	SEMS Number(s): 63
D-Area Oil Seepage Basin (631-G) Groundwater Operable Unit Mixing Zone Report Submittal (Reference: WSRC-RP-97-422, Groundwater reports will be submitted in even numbered years)	07/31/2020
SRS Unit Index Number(s): 26	SEMS Number(s): 27
A-Area Miscellaneous Rubble Pile (731-6A) Operable Unit Performance Evaluation Report Submittal (Reference: WSRC-RP-2004-4088, Reports will be submitted annually)	08/01/2020
SRS Unit Index Number(s): 48	SEMS Number(s): 30
D-Area Coal Storage Area (484-17D) Removal Action Start in Support of D-Area Groundwater Operable Unit	08/28/2020
SRS Unit Index Number(s): 520 2264	SEMS Number(s): 63

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SRS Unit Index Number(s): 525 244 1828	SEMS Number(s): 93
<b>G-Area Oil Seepage Basin (761-13G) Operable Unit Remedial Action Start</b>	09/30/2020
SRS Unit Index Number(s): 77	SEMS Number(s): 93
<b>Initiate Water Addition to Tank 9H to Begin Salt Dissolution in Support of Tank Closure Cesium Removal</b>	09/30/2020
SRS Unit Index Number(s): 298 582	SEMS Number(s): 89

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