



Department of Energy
Savannah River Operations Office
P.O. Box A
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NOV 24 2025

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Federal Remediation Section
Division of Site Assessment, Remediation and Revitalization
Bureau of Land and Waste Management
South Carolina Department of Environmental Services
2600 Bull Street
Columbia, South Carolina 29201

Mr. Jon Richards
Savannah River Site Remedial Project Manager
Superfund and Emergency Management 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 Annual Removal Action Report for Fiscal Year 2025

In accordance with Section XIV.B of the Federal Facility Agreement (FFA) for the Savannah River Site (SRS), the U. S. Department of Energy (DOE) is submitting this letter as the subject report for your files. In Fiscal Year (FY) 2025 [October 1, 2024 through September 30, 2025], the Non-Time Critical Removal actions discussed below were active or pending.

- **221-1F – A-Line and Ancillary Structure, SEMS Number 88:** Action is pending; status is unchanged since FY2006. In February 2006, the Removal Site Evaluation Report/Engineering Evaluation/Cost Analysis (RSER/EE/CA) was completed and submitted for review by the U. S. Environmental Protection Agency (EPA) and South Carolina Department of Environmental Services¹ (SCDES). On May 30, 2006, the Action Memorandum was issued for the non-time critical removal action (NTCRA) for Decommissioning of A-Line, 221-1F and Ancillary Structures. The responses to the EPA and SCDES comments accompanied the Action Memorandum. The future removal action will demolish the buildings to the ground or first floor slabs. Sumps and basements will be filled with appropriate material to grade. The slabs will be covered with either a 6-inch or an 8-inch concrete cap resulting in a maximum risk to the industrial worker of 2.9E-06. Due to changes in F-Area resulting from the pause of F-Canyon deactivation and shifts in priority, this action has been postponed. This alternative is expected to be implemented no later than F-Area Completion. Since the facility is structurally intact and hazards are currently contained, postponement of this action poses no immediate threat. Surveillance and maintenance will be performed to ensure conditions within the facility remain protective of human health and the environment.

¹ The South Carolina Department of Environmental Services (SCDES) was known as the South Carolina Department of Health and Environmental Control prior to July 1, 2024.

Ms. Susan B. Fulmer
Mr. Jon Richards

2

NOV 24 2025

- **235-F – F-Area Material Storage Area:** This facility is listed on Appendix K of the FFA for the SRS.

On August 26, 2021, DOE submitted the *Removal Site Evaluation Report/Engineering Evaluation/Cost Analysis (RSER/EE/CA) for F-Area Material Storage Building (235-F) (SRNS-RP-2021-00001, Revision 0, August 2021) and the Scoping Summary for the F-Area Material Storage Building (235-F) (SRNS-RP-2020-00444, April 2021) (IACD-21-154)* for regulatory review and comment. SCDES and EPA submitted comments on the Revision 0 RSER/EE/CA on October 25, 2021, and November 8, 2021, respectively (SRNS-OS-2021-00304 and SRNS-OS-2021-00317). EPA submitted additional comments on the report on January 14, 2022 (SRNS-OS-2022-00018). DOE submitted the Revision 1 RSER/EE/CA (Clean Copy and Redline), SRS' responses to the regulatory comments, and the Draft Action Memorandum on February 28, 2022 (IACD-22-130). SCDES provided concurrence of the submittal on March 16, 2022 (SRNS-OS-2022-00094). EPA provided concurrence of the Revision 1 RSER/EE/CA and comment responses on March 21, 2022 (SRNS-OS-2022-00094). The Revision 1 RSER/EE/CA was made available for public review and comment from April 5, 2022, through May 4, 2022. No comments were received on the Revision 1 RSER/EE/CA during the public comment period.

EPA provided comments on the Draft Action Memorandum on March 23, 2022 (SRNS-OS-2022-00103). DOE submitted the responses to the comments on the Draft Action Memorandum on April 13, 2022 (IACD-22-141). SCDES approved the responses to the comments on May 12, 2022 (SRNS-OS-2022-00168). The final Action Memorandum was submitted to SCDES and EPA on May 19, 2022 (IACD-22-145) and issued to the public on June 1, 2022.

Field work completed during FY2025 included removal of all 235-F exterior perimeter security fencing, all perimeter above grade out of service Personnel Intrusion Detection and Alarm System (aka PIDAS) equipment. 235-F support facilities removed during FY2025 include the 701-4F Entry Facility and 720-F Central Alarm Station as well as miscellaneous abandoned bollards, antenna tower and security cameras.

Project decommissioning planning activities including decommissioning design, decommissioning Safety Basis development and decommissioning project cost/schedule baseline development and evaluation of other field activities continue. The preferred NTCRA for 235-F is In-Situ Decommissioning of First and Second Level Process Areas/Engineered Roof. Upon conclusion of the non-time critical removal action, a Removal Action Report that summarizes the work and describes the end-state condition of Building 235-F will be prepared and submitted to SCDES and EPA to document completion of the removal action.

Table 1 summarizes the FY2025 maintenance activities. There were 30 maintenance activities initiated within Site Evaluation and RCRA/CERCLA Areas in FY2025. There were 16 maintenance activities carried over from previous years. Of the 46 activities identified in this report, 18 have been completed, 21 are in progress, in design, or planning phases, 6 are on hold, and 1 was cancelled.

Ms. Susan B. Fulmer
Mr. Jon Richards

3

NOV 24 2025

All the operation and maintenance (O&M) activities were minor activities.

The effort and time that SCDES and EPA have given on the operable units and information discussed in this letter are appreciated.

Questions from you or your staff may be directed to me at (803) 522-6427.

Sincerely,

MATTHE
W BAKER

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MATTHEW BAKER
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Matthew R. Baker
Acting FFA Project Manager
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RDDD-26-108

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Ms. Susan Fulmer
Mr. Jon Richards

4

NOV 24 2025

Table 1. Fiscal Year 2025 Maintenance Activity Summary**Completed Activities**

<u>O&M Plan #</u>	<u>Description</u>	<u>O&M Manual ID #</u>
21-008	Spent Material Clean-up in the 725-1N Abrasive Blasting Operations Area	354
23-008	Excavation to Correct Leaking Pipe near 735-A	562
24-020	Excavation to Correct Underground Domestic Water Leak near 254-5H	142, 591
24-021	Excavation to Correct Underground Domestic Water Leak near 786-5A	387
25-001	Replace Asphalt in Parking Lot North of 221-H	142, 591
25-002	Installation of Tornado Shelter North of Trailer 704-46K in Site Evaluation Area 302	302
25-003	L-Area Chiller Replacement	479
25-004	K-Area Soil Disturbance, Sinkhole Investigation/Repair at East End of the Materials Access Area Trailer Located South of 105-K	476
25-006	Excavation of Underground Domestic Water Isolation Valve DW-V-322 West of 704-55H	591
25-007	Excavation Activities at Steel Creek Dam Service Bridge 686-G	L-Lake
25-010	Install Road from S-Area to 299-H through CIF (607-35H) gates	346
25-012	L-Area Repair of Security Gates O&M Plan	105-L
25-014	Excavate and Correct Domestic Water Leak East of 701-3H	591, 142, 531
25-015	Installation of Bollards Outside of 766-H	591
25-016	Replace 13.8KVA Power Pole H3A318	591
25-020	Repair/Replace Valve F1-901-DW-V-050	283-F-Area Tank Farm
25-021	Installation WSB Parking Lot Access Road	276
25-025	Domestic Water Line Leak Repair near 717-12F	563

Ms. Susan Fulmer
Mr. Jon Richards

5

NOV 24 2025

Table 1. Fiscal Year 2025 Maintenance Activity Summary (Continued)**In Process / On Hold / Cancelled Activities**

<u>O&M Plan #</u>	<u>Description</u>	<u>O&M Manual ID #</u>
19-019	F & H Area Lab Cell C & D Water Intrusion Removal	SPF-008, 308, 429, 563
20-011	Placement of New Concrete Pad for Repairing Domestic Water Lines South of 254-19H	549, 591
21-005 *	Install Concrete Pad and Metal Walkway to 794-A Sandfilter	387, 562
22-006 *	Excavation to Repair Domestic Water Leak Near 247-19F	563
22-007 *	Excavation to Repair Domestic Water Leak North of 772-1F	563
23-012	Fiber Installation from Forestry to ATTA	208
23-017	Fiber Installation from A Area to B Area and F Area	236, 270, 563, 575
24-004 *	SRPPF Laydown Yard near 288-F Ash Basin	276
24-012 *	Repair leak in 285-H Basin Wall	549, 591
24-017	Extend Concrete Pads at H-Canyon For HVAC Units	344, 374
24-022	SPD Excavations in 105-K Rev 1	476, 572
24-023	Installation of Lysimeters in E Area	592
25-005	Excavation to Replace PIV-2072 in F Area	200, 343, 394, 435
25-008 +	Exploratory Excavation East of 211-24H	344
25-009 *	L-Area E3S to Argus Transition Project	105-L
25-011	Spent Material Clean-Up & Minor Maintenance in 725-1N Abrasive Blasting Operations Area	354
25-013	Excavation to Correct an Underground Steam Line Leak North of 105-L	105-L
25-017	Excavate, Install Footers, Bollards, and Other Equipment Near 105-K Handball Court	476
25-018	Excavate Around PIV-2183 Near 704-2H to Correct Height.	591, 374, 344
25-019	Minor O&M Plan Activity for Project Y744 Storage Shelters and Office Trailer Installation Site Preparation	311, 506, 567
25-022	Rainwater Intrusion Mitigation at Railroad Tunnel Airlock	591

Ms. Susan Fulmer
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NOV 24 2025

Table 1. Fiscal Year 2025 Maintenance Activity Summary (Continued/End)

In Process / On Hold / Cancelled Activities (continued/end)

O&M Plan #	Description	O&M Manual ID #
25-023	Tornado Shelter 704-750K Installation of Electrical/PA/Communications in Site Evaluation Area 302	302
25-024	Site Preparation and Underground Utility Installation in Construction Work Area S-8	73
25-026	Grout Manhole FH1 and Sanitary Sewer Redirect Line Near 772-1F	563, 141, 308, 414
25-027	SRPPF Northwest Parking Lots	105, 563
25-028	F-Area Road Widening	276, 2, 18, 72, 141, 280, 284, 563
25-029	Site Preparation and Underground Utility Installation in Construction Work Area S-6	276
25-030	P-68 Manhole and Associated Process Sewer Line Cleanup Near 218-2H	591

* On Hold
+ Cancelled