Savannah River NUCLEAR SOLUTIONS℠

Scoping Summary for the Seventh Five-Year Remedy Review Report for Savannah River Site Operable Units with Engineered Cover Systems (U)

SRNS-RP-2025-01065

Final

September 2025

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1.0 BACKGROUND

The size of the Savannah River Site (SRS) Five-Year Remedy Review Reports has grown considerably since the first report was submitted to the U.S. Environmental Protection Agency (USEPA) and South Carolina Department of Environmental Services (SCDES)[1] in July 1997. These increases are primarily the result of rising numbers of SRS remedial decisions requiring five-year remedy reviews, and new USEPA guidance and format requirements that are not easily implemented for a large National Priorities List site with numerous remedial decisions issued. In 2014, the Core Team (i.e., representatives from the U.S. Department of Energy [USDOE], SCDES, and USEPA) reached agreement during review and approval of the *Fourth Five-Year Remedy Review Report for the Savannah River Site (U)* (SRNS-RP-2012-00011, Revision 1.1, November 2013) to submit future SRS Five-Year Remedy Review Reports in a phased approach rather than combining all operable unit (OU) reviews into a single document.

Agreement was reached during the May 2014 Core Team scoping meeting to group the OUs by the following remedy types: 1) native soil cover and/or land use controls (LUCs); 2) groundwater; 3) engineered cover systems[2]; 4) geosynthetic (geo) or stabilization/solidification (S/S) cover systems; and 5) operating equipment. These groupings were chosen to provide the opportunity to effectively identify and resolve issues for similar remedies simultaneously and efficiently implement optimization initiatives for similar projects. The phased approach for submittal of future reports began with the *Fifth Five-Year Remedy Report for Savannah River Site Operable Units with the Native Soil Covers and/or Land Use Controls (U)* (SRNS-RP-2014-00902, Revision 0, December 2014) followed by the submittal of four additional reports to complete the Fifth Five-Year Remedy Review cycle.

In accordance with the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and the National Oil and Hazardous Substances Pollution Contingency Plan (NCP), remedy reviews are conducted every five years. Issuance dates for the Seventh Five-Year Remedy Review Reports will occur over a five-year period (2024-2028) as shown in Table 1. A complete list of OUs/decision documents and acronyms are provided in Table 2.

This scoping summary supports the development of the Seventh Five-Year Remedy Review Report for SRS OUs with Engineered Cover Systems. The implementation schedule for the Seventh Five-Year Remedy Review Report for SRS OUs with Engineered Cover Systems is provided in Figure 1.

2.0 PROBLEM WARRANTING ACTION

To remain in compliance with CERCLA and the NCP and to not exceed the five-year limit that is required between OU/decision document reviews, a phased approach with a schedule for annual submittal of the Seventh Five-Year Remedy Review Reports is needed. To maintain this schedule

[1] South Carolina Department of Environmental Services (SCDES) was known as South Carolina Department of Health and Environmental Control (SCDHEC) prior to July 1, 2024.
[2] Engineered cover systems were formerly known as compacted clay cover systems in earlier five-year remedy review documentation. See Table 3.

and obtain the final signature for the last report no later than December 31, 2029[3], the Revision 0 submittal of the Seventh Five Year Remedy Review Report for SRS OUs with Engineered Cover Systems is due on or before December 18, 2025.

3.0 SCOPE OF THE PROBLEM

This scoping document addresses OUs that are grouped under the Engineered Cover Systems category.

Engineered cover systems are similar to native soil covers but have a lower permeability if well compacted, promote more effective surface drainage, and minimize infiltration. The grouping for the Engineered Cover System category was expanded to include OUs that used common fill or clayey material from offsite sources and had some form of engineering controls (i.e., soil material requirements, soil compaction requirements, and/or stormwater management systems).

The Seventh Five-Year Remedy Review Report for SRS OUs with Engineered Cover Systems includes a review of the following OUs:

- Central Shops Burning/Rubble Pits (631-1G and 631-3G) (CSBRP)
- D-Area Burning/Rubble Pits (431-D and 431-1D) (DBRP)
- Ford Building Seepage Basin (904-91G) (FBSB)
- F-Area Hazardous Waste Management Facility (904-41G, 904-42G, and 904-43G) (FHWMF)
- H-Area Hazardous Waste Management Facility (904-44G, 904-45G, 904-46G, and 904-56G) (HHWMF)
- K-Area Burning/Rubble Pit (131-K) (KBRP) and K-Area Rubble Pile (631-20G) (KRP)
- Metallurgical Laboratory Hazardous Waste Management Facility (904-110G) (Met Lab HWMF)
- M-Area Hazardous Waste Management Facility (904-51G and 904-112G) (MHWMF)
- Mixed Waste Management Facility (643-28E) (MWMF)
- SRL Seepage Basins (904-53G1, 904-53G2, 904-54G, and 904-55G) (SRLSB)

The list of OUs above is unchanged from the list of OUs evaluated in the Sixth Five-Year Remedy Review Report.

The Seventh Five-Year Remedy Review Report for SRS OUs with Engineered Cover Systems will apply the *2016 Five Year Review Recommended Template* (OLEM 9200.0-89, January 2016). Comments received from the USEPA during the *Fifth Five Year Remedy Reviews for Savannah River Site Operable Units with Operating Equipment* (SRNS-RP-2017-00567, Revision 0, December 2017) recommended that the USDOE implement the 2016 template when preparing future five-year remedy review reports. The 2016 recommended template amends Appendix E of the *Comprehensive Five-Year Review Guidance*, OSWER Directive 9355.7-03B-P, June 2001. The 2016 recommended template also replaces the *2011 Updated Five Year Review Summary*

[3] The trigger date for submittal of all five-year remedy review reports to the regulatory agencies was revised from January 21 to December 31 as per the approved SRS Responses to USEPA Comments on the Seventh Five-Year Remedy Review Report for SRS OUs with Native Soil Covers and/or Land Use Controls (SRNS-RP-2023-00715, Rev. 0, December 2023).

Form (OSWER Directive 9200.2-105, December 2011) implemented for all SRS Fifth Five-Year Remedy Review Reports.

4.0 OBJECTIVE

The objective of the Five-Year Review team is to prepare an approvable Seventh Five-Year Remedy Review Report for SRS OUs with Engineered Cover Systems. The five-year report will document at the appropriate level of detail that each remedy is, or is not, protective of human health and the environment. Evaluations are based on relevant document reviews, data reviews and analyses, and site inspections. The following USEPA reference information will be used during preparation of the reports:

- *Comprehensive Five-Year Review Guidance*, EPA 540-R-01-007, Office of Emergency and Remedial Response, OSWER Directive 9355.7-03B-P, June 2001.
- *Recommended Evaluation of Institutional Controls: Supplement to the "Comprehensive Five-Year Review Guidance"*, Office of Solid Waste and Environmental Control, OSWER Directive 9355.7-18, September 2011.
- *Clarifying the Use of Protectiveness Determinations for Comprehensive Environmental Response, Compensation, and Liability Act Five-Year Reviews*, Office of Solid Waste and Environmental Control, OSWER 9200.2-111, dated September 12, 2012.
- *Five-Year Review Recommended Template*, Office of Solid Waste and Emergency Response, OLEM 9200.0-89, January 2016.

5.0 RESPONSE

USDOE will prepare the Seventh Five-Year Remedy Review Report for SRS OUs with Engineered Cover Systems consistent with *Sixth Five-Year Remedy Review Report for Savannah River Site Operable Units with Engineered Cover Systems* (SRNS-RP-2020-00420, Revision 1, June 2021). The following tasks will be performed as part of the five-year review to determine the protectiveness of the engineered cover systems and functionality of the access controls:

- Review of OU-specific regulatory documentation including RODs, Early Action RODs, Interim RODs, and Explanation of Significant Differences;
- Review of all process and performance data provided in monitoring reports. Issues and recommendations that impact the protectiveness of the remedy will be documented in the Issues/Recommendations section;
- Inspection of the OUs and documented interviews with maintenance personnel. The Five-Year Review Site Inspection Checklist will be streamlined to only publish the checklist sections that are applicable to the OU;
- Review changes in standards and to-be-considered guidance with respect to the protectiveness of the remedies. Current regulatory standards applicable to the OUs with engineered cover systems include the following:
    - USEPA Regional Screening Levels (RSLs) for Nonradiological Constituents (November 2024)
    - USEPA Preliminary Remediation Goals (PRGs) for Radionuclides (February 2023)

  - USEPA Surface Preliminary Remediation Goals (SRPGs for Radionuclides (May 2018)
  - USEPA Maximum Contaminant Levels (MCLs)
  - USEPA Radioactive Drinking Water, Appendix III (January 1981)
- Update maps and figures where remediation is ongoing (i.e. most recent plume maps, etc.), as appropriate.

USEPA's Federal Facility CERCLA Five Year Reviews Enhancement Interagency National Workgroup recommended increased community involvement during the five-year remedy review process. The following community involvement activities will be applied to the remedy review reports as follows:

- A public notice will be published soon after the scoping meeting to inform the public that a remedy review will be conducted.
- A Fact Sheet for each remedy review report will be included when the three-Party signed reports are public noticed.

6.0 UNCERTAINTY

None

7.0 STRATEGY

- The USDOE will submit the Revision 0 Seventh Five-Year Remedy Review Report for SRS OUs with Engineered Cover Systems in December 2025. The format and level of detail for this report is consistent with the *Sixth Five-Year Remedy Report for Savannah River Site Operable Units with Engineered Cover Systems (U)* (SRNS-RP-2020-00420).
- The USDOE, SCDES, and USEPA will approve and sign the Seventh Five-Year Remedy Review Report for SRS OUs with Engineered Cover Systems. The document approval is based on a 90/90-day review cycle.
- USDOE will prepare an Environmental Bulletin for issuance to the public prior to submittal of the Revision 0 Seventh Five-Year Remedy Review document. A draft Environmental Bulletin will be transmitted informally to USEPA and SCDES for review and input.
- A draft Fact Sheet will be submitted with each Revision 0 Seventh Five-Year Remedy Review document for regulatory review and comment.
- A Core Team Meeting will be held after submittal of the Revision 0 Seventh Five-Year Remedy Review Report and prior to receipt of the regulatory comments on this document. The Core Team will view drone footage of each of the OUs. After reviewing the drone footage, OU-specific field visits will occur if requested by USEPA and SCDES.
- A record of Core Team key agreements for the Five-Year Remedy Review Report phased approach is provided in Table 3.

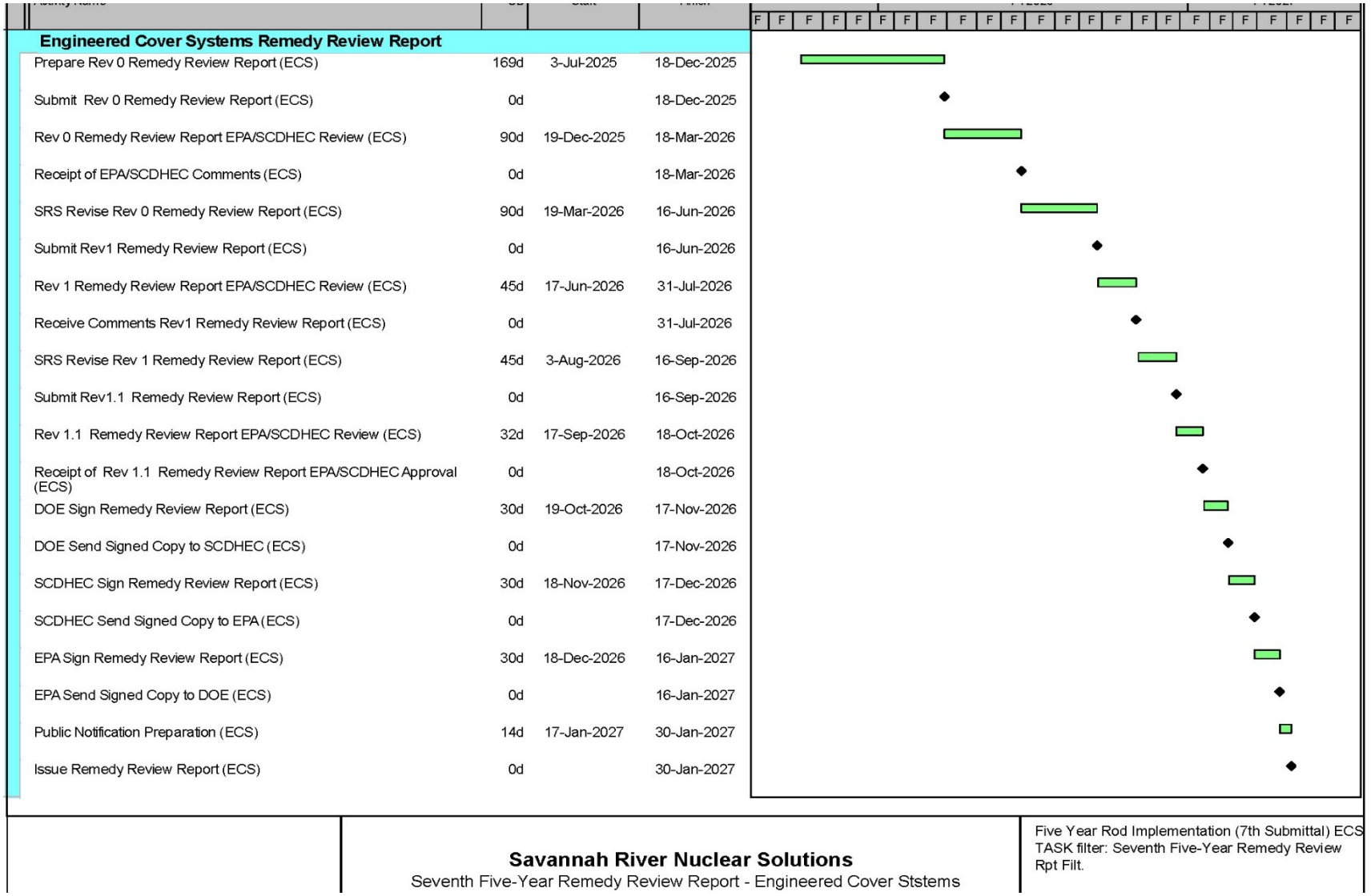


Figure 1. Seventh Five-Year Remedy Review Report for SRS OUs with Engineered Cover Systems Implementation Schedule

Table 1. Seventh Five-Year Review Report Submittal Schedule (by Remedy)

Native Soil Cover and/or LUCs		**Groundwater**		**Engineered Cover System**		**Geo or S/S Cover System**		**Operating Equipment**	
Rev. 0 Submittal Date	*Issuance Year*	*Rev. 0 Submittal Date*	*Issuance Year*	***Rev. 0 Submittal Date***	***Issuance Year***	*Rev. 0 Submittal Date*	*Issuance Year*	*Rev. 0 Submittal Date*	*Issuance Year*
December 2023	2024	December 2024	2025	**December 2025**	**2026**	December 2026	2027	December 2027	2028
CAOU[a]		CAGW		**CSBRP**		BAOU		A/M GW	
CKL-Rx		CMP Pits		**DBRP**		CRSB		ABRP/MCB/MBP	
ECODS L-1, N-2, P-2, and R-1A, R-1B, R-1C		DOSB		**FBSB**		DEXOU		AMRP	
ECODS N-1, CSSLP, Ford Building[d]		LASG		**FHWMF[c]**		ELLWF		CBRP	
FBRP		RAOU[b]		**HHWMF[c]**		FRB		DAOU	
Gunsite 012		RRSB		**KBRP/KRP**		FTF		FAGW	
HEWB				**Met Lab HWMF[c]**		GSACU		HAGW	
KBPOP				**MHWMF[c]**		HTF[a]		MAOU	
L&PBPOP				**MWMF**		KRSB		MIPSL	
LTR IOU[a]				**SRL SB**		LAOCB		PBRP	
RBPOP						L&CRSB		TNX Area	
SRWU						OFASB			
						PAOU			
						PRSB			
						RBRP/RRP			
						TAOU			

* Highlighted area identifies OUs evaluated for the seventh five-year remedy review reports due for submittal in 2025.
a OUs that were not previously evaluated in a five-year remedy review but are included in the seventh five-year review cycle.
b R-Reactor Complex will be discussed as part of the RAOU.
c Groundwater remedies associated with these OUs are being evaluated in the Seventh Five-Year Remedy Review for SRS OUs with Operating Equipment.
d OUs that were not evaluated in the seventh five-year review cycle because the issuance of the respective decision documents and implementation of the remedy occurred during or after development of their respective remedy review report and a remedy evaluation was premature.

Table 2. Five-Year Remedy Review Report Operable Units

#	ACRONYM	OPERABLE UNIT[a]	SEMS No.[b]
1	ABRP/MCB/MBP	A-AREA BURNING/RUBBLE PITS (731-A/1A) AND RUBBLE PIT (731-2A), MISCELLANEOUS CHEMICAL BASIN (731-4A) AND METALS BURNING PIT (731-5A)	28
2	AMRP	A-AREA MISCELLANEOUS RUBBLE PILE (731-6A)	30
3	A/M GW	A/M AREA GROUNDWATER	36[c]
4	BAOU	B-AREA OPERABLE UNIT	48
5	CAOU	C-AREA OPERABLE UNIT	79
6	CBRP	C-AREA BURNING/RUBBLE PIT (131-C) AND OLD C-AREA BURNING/RUBBLE PIT 9NBN0	31
7	CAGW	C-AREA GROUNDWATER	82
8	CRSB	C-AREA REACTOR SEEPAGE BASINS (904-66G, 904-68G)	60
9	CKL-Rx	C-, K-, L-, AND R-REACTOR COMPLEXES	79, 90, 91
10	***CSBRP***	***CENTRAL SHOPS BURNING RUBBLE PITS (631-1G AND 631-3G)***	***50***
11	CMP Pits	CHEMICALS, METALS, AND PESTICIDES PITS (080-170G, 080-171G, 080-180G, 080-181G, 080-182G, 080-183G, 080-190G)	24
12	***DBRP***	***D-AREA BURNING/RUBBLE PITS (431-D, 431-1D)***	***15***
13	DEXOU	D-AREA EXPANDED OPERABLE UNIT (COMPRISED OF D-AREA ASH BASIN [488-D] AND D-AREA RUBBLE PIT [431-2D])	67
14	DOSB	D-AREA OIL SEEPAGE BASIN (631-G)	27
15	DAOU	D-AREA OPERABLE UNIT	63
16	ELLWF	E-AREA LOW-LEVEL WASTE FACILITY (643-26E)	86
17	ECODS L-1, N-2, P-2, and R-1A, -1B, -1C	EARLY CONSTRUCTION AND OPERATIONAL DISPOSAL SITE (ECODS) L-1, N-2, P-2, AND R-1A, R-1B, R-1C	22
18	ECODS N-1, CSSLP, and Ford Building[c]	EARLY CONSTRUCTION AND OPERATIONAL DISPOSAL SITE N-1 (NBN), CENTRAL SHOPS SCRAP LUMBER PILE (631-2G), AND BUILDING 690-N, PROCESS HEAT EXCHANGER REPAIR FACILITY (AKA FORD BUILDING)	93
19	FBRP	F-AREA BURNING/RUBBLE PITS (231-F, 231-1F, AND 231-2F)	14
20	FAGW	F-AREA GROUNDWATER OPERABLE UNIT	8[c]
21	***FHWMF***	***F-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (904-41G, 904-42G, 904-43G)***	***6[c]***
22	FRB	F-AREA RETENTION BASIN (281-3F)	23
23	***FBSB***	***FORD BUILDING SEEPAGE BASIN (904-91G)***	***58***
24	FTF	F-AREA TANK FARM	23
25	GSACU	GENERAL SEPARATIONS AREA CONSOLIDATION UNIT [Comprised of Old Radioactive Waste Burial Ground (including Solvent Tanks) (643-E), HP-52 Ponds, H-Area Retention Basin (281-3H) and Spill on 05/01/1956 of Unknown Amount of Retention Basin Pipe Leak (NBN), Warner's Pond (685-23G) and Spill on 03/08/1978 of Unknown Seepage Basin Pipe Leak in H-Area Seepage Basin (NBN) and Spill on 02/08/1978 of Unknown H-Area Process Sewer Line Cave-In (NBN)]	32
26	Gunsite 012	GUNSITE 012 (INCLUDING ECODS G-3)	78
27	HAGW	H-AREA GROUNDWATER OPERABLE UNIT	9[c]
28	***HHWMF***	***H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (904-44G, 904-45G, 904-46G, 904-56G)***	***7[c]***

Table 2. Five-Year Remedy Review Report Operable Units (continued/end)

#	ACRONYM	OPERABLE UNIT[a]	SEMS No.[b]
29	HEWB	HEAVY EQUIPMENT WASH BASIN (NBN) AND CENTRAL SHOPS BURNING/RUBBLE PIT (631-5G)	53
30	HTF	H-AREA TANK FARM	89
31	KBPOP	K-AREA BINGHAM PUMP OUTAGE PIT (643-1G)	20
32	***KBRP/KRP***	***K-AREA BURNING/RUBBLE PIT (131-K) AND RUBBLE PILE (631-20G)***	***40***
33	KRSB	K-AREA REACTOR SEEPAGE BASIN (904-65G)	55
34	L&PBPOP	L & P BINGHAM PUMP OUTAGE PITS (643-2G, 643-3G, 643-4G)	26, 39
35	LAOCB	L-AREA OIL AND CHEMICAL BASIN (904-83G)	17
36	L&CRSB	L-AREA REACTOR SEEPAGE BASIN (904-64G) AND C-AREA REACTOR SEEPAGE BASIN (904-67G)	65, 60
37	LASG	L-AREA SOUTHERN GROUNDWATER	77
38	LTR IOU	LOWER THREE RUNS INTEGRATOR OPERABLE UNIT	35
39	***MHWMF***	***M-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (904-51G, 904-112G)***	***1[c]***
40	MIPSL	M-AREA INACTIVE PROCESS SEWER LINE (081-M)	19
41	MAOU	M-AREA OPERABLE UNIT	92
42	***Met Lab HWMF***	***METALLURGICAL LABORATORY HAZARDOUS WASTE MANAGEMENT FACILITY (904-110G)***	***2[c]***
43	***MWMF***	***MIXED WASTE MANAGEMENT FACILITY (643-28E)***	***33[c]***
44	OFASB	OLD F-AREA SEEPAGE BASIN (904-49G)	16
45	PAR Pond	PAR POND (685-G) (INCLUDING THE PRE-COOLER PONDS AND CANALS) AND LOWER THREE RUNS INTEGRATOR OPERABLE UNIT TAIL PORTION (MIDDLE AND LOWER SUBUNITS)	35
46	PBRP	P-AREA BURNING/RUBBLE PIT (131-P)	59
47	PAOU	P-AREA OPERABLE UNIT	94
48	PRSB	P-AREA REACTOR SEEPAGE BASINS (904-61G, 904-62G, 904-63G)	66
49	RBPOP	R-AREA BINGHAM PUMP OUTAGE PITS (643-8G, 643-9G AND 643-10G) AND R-AREA UNKNOWN PITS #1, #2, AND #3	38
50	RBRP/RRP	R-AREA BURNING/RUBBLE PITS (131-R, 131-1R) AND RUBBLE PILE (631-25G)	43
51	RAOU[d]	R-AREA OPERABLE UNIT	95
52	RRSB	R-AREA REACTOR SEEPAGE BASINS (904-57G, 904-58G, 904-59G, 904-60G, 904-103G, 904-104G) AND 108-4R OVERFLOW BASIN	25
53	SRWU	SILVERTON ROAD WASTE UNIT (731-3A)	13
54	***SRL SB***	***SRL SEEPAGE BASINS (904-53G1, 904-53G2, 904-54G, AND 904-55G)***	***47***
55	TAOU	T-AREA OPERABLE UNIT	96
56	TNX AREA	TNX AREA OPERABLE UNIT	21, 29
57	WADB	WETLAND AREA AT DUNBARTON BAY IN SUPPORT OF STEEL CREEK INTEGRATOR OPERABLE UNIT (NBN)	71

a OUs with approved or scheduled remedy decisions as of 2025 are shown. ***Bolded italics*** items indicate OUs discussed in this Five-Year Remedy Review Report.
b SEMS number is based on the latest approved version of the FFA Appendix C.
c RCRA unit with approved remedy decision document.
d R-Reactor Complex will be discussed as part of the RAOU.
e ROD was approved in August 2023 and issued in October 2023. The OU was not evaluated in the seventh five-year remedy review cycle because the issuance of the ROD and implementation of the remedy occurred during or after development of the remedy review report for native soil covers and/or LUCs and a remedy evaluation was premature.

Table 3. Record of Key Agreements

Date	Description of Agreement
May 12, 2014	• Core Team agreed that a phased submittal of the Fifth Five-Year Remedy Review by remedy type was acceptable. • USDOE will continue to coordinate with USEPA and SCDES to determine the number of annual submittals and schedule.
	• Core Team agreed to streamline the Site Inspection Checklist to include only the checklist sections that are applicable to the OU, significantly reducing the number of published pages.
	• USDOE will propose the document title (e.g., *Fifth Five-Year Remedy Review Report for Operable Units with Native Soil Covers and/or Land Use Controls*) for review by the Core Team during the Revision 0 review period. • USEPA tracks five-year reviews by CERCLIS[4] numbers so the document title was not as important for their administrative requirements.
	• PAOU was more appropriately assigned to the Geosynthetic or S/S Cover System grouping based on feedback from the Core Team. • The C/K/L/R-Rx OU was moved to the Native Soil Covers and/or LUCs grouping because only the LUC portion of the early action remedy has been implemented for the C-, K-, and L-Reactor Complexes. The R-Reactor Complex is discussed as part of the RAOU. • USDOE will continue to evaluate the grouping of individual OUs to determine if additional adjustments are needed.
	• USEPA and SCDHEC confirmed that their personnel will participate in five-year inspections for all OUs.
August 30, 2016	• The group formerly known as "Compacted Clay Cover Systems" was renamed to "Engineered Cover Systems".
	• ELLWF from the "Engineered Cover System" group and TAOU from the "Operating Equipment" group were moved to the "Geosynthetic or Stabilization/Solidification Cover System" group.
August 28, 2018	• Core Team agreed to the proposed implementation of the *Five-Year Review Recommended Template* (OLEM 9200.0-89, January 2016) in the introductory section of the Sixth Five-Year Remedy Review Report for SRS OUs with Native Soil Covers and/or LUCs as discussed in Section 7.0.

[4] (Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) numbers were changed to Superfund Enterprise Management System (SEMS) numbers in the Fall of 2014.

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Attachment 1. Outline for the Savannah River Site Summary (i.e., introductory section) of the Five-Year Remedy Review Reports

Section	Headings and Subheadings
I	INTRODUCTION
	Site Chronology Background Physical Characteristics Land and Resource Use History of Contamination
II	RESPONSE ACTION SUMMARY
	Initial Response Basis for Taking Action Response Actions Summary Status of Implementation Systems Operation and Maintenance
III	PROGRESS SINCE LAST REVIEW
IV	FIVE-YEAR REMEDY REVIEW PROCESS
	Community Notification and Involvement Data Review, Site Inspections, and Interviews
V	TECHNICAL ASSESSMENT
	Question A: Is the Remedy Functioning as Intended by the Decision Documents? Question B: Are the Exposure Assumptions, Toxicity Data, Cleanup Levels, and RAOs still Valid? Question C: Has Any Other Information Come to Light that could call into Question the Protectiveness of the Remedy?
VI	ISSUES AND RECOMMENDATIONS
VII	PROTECTIVENESS STATEMENT(S)
VIII	NEXT REVIEW
IX	OU-SPECIFIC FIVE-YEAR REMEDY REVIEW REPORTS
X	REFERENCES

Attachment 1 and Attachments 2-1 through 2-7 tables will be added to the Savannah River Site Summary section of the Seventh Five-Year Remedy Review Report for SRS OUs with Engineered Cover Systems. Example text is provided in Attachment 1 and Attachments 2-1 through 2-7.

Attachment 2-1. Example of Five-Year Review Summary Form[5]

SITE IDENTIFICATION		
Site Name: Savannah River Site		
EPA ID: SC1890008989		
Region: 4	**State:** SC	**City/County:** Aiken/Aiken
SITE STATUS		
NPL Status: Final		
Multiple OUs? Yes	**Has the site achieved construction completion?** No	
REVIEW STATUS		
Lead agency: Other Federal Agency **If "Other Federal Agency" was selected above, enter Agency name:** US Department of Energy		
Author name (Federal or State Project Manager): N/A		
Author affiliation: Savannah River Nuclear Solutions, LLC		
Review period: July 15, 2025 – December 31, 2026 (Phase 3: SRS OUs with Engineered Cover Systems)		
Date of site inspection: July 2025 to November 2025 (Phase 3: SRS OUs with Engineered Cover Systems)		
Type of review: Statutory		
Review number: 7		
Triggering action date: December 31, 2023 (includes all 5 phases)		
Due date *(five years after triggering action date)*: December 31, 2028 (includes all 5 phases)		

[5] Same format as the Fifth SRS Five-Year Remedy Review Reports.

Attachment 2-2. Example of LUC Summary Table[6]

Operable Unit	Media, Engineered Controls, and Areas that do not support UU/UE based on current conditions	LUCs Needed	LUCs Called for in the Decision Documents	Impacted Parcel(s)[a]	LUC Objectives	Title of LUC Instrument Implemented and Date (or Planned)
D-Area Burning/Rubble Pit (431-D and 431-1D)	Soil	Yes	Yes	15	• Prevent hypothetical future industrial workers from exposure to PCBs in surface and subsurface soils at concentrations that exceeded target risk levels	WSRC 1998

a The Impacted Parcel(s) identification is represented by the SEMS number.

Attachment 2-3. Example of Protectiveness Determinations/Statements from the Sixth Five-Year Remedy Review Report for SRS OUs with Engineered Cover Systems (SRNS 2021)[7]

SEMS No.	Operable Unit	Protectiveness Determination	Protectiveness Statement
15	D-Area Burning/Rubble Pits (431-D, 431-1D)	Protective	The remedy at the DBRP OU is protective of human health and the environment.

[6] New template format recommended by OLEM 9200.0-89.
[7] New template format recommended by OLEM 9200.0-89.

Attachment 2-4. Example of Status of Recommendations from the Sixth Five-Year Remedy Review Report for SRS OUs with Engineered Cover Systems (SRNS 2021)[8]

SEMS #	Issue	Recommendations	Current Status	Current Implementation Status Description	Completion Date (if applicable)
N/A	N/A	N/A	N/A	N/A	N/A

N/A – Not applicable

[8] New template format recommended by OLEM 9200.0-89.

Attachment 2-5. Example of OUs without Issues and Recommendations in the Seventh Five-Year Remedy Review Report for SRS OUs with Engineered Cover Systems[9]

OU(s) without Issues/Recommendations Identified in the Five-Year Review
SEMS #: 1, 2, 6, 7, 15, 33, 40, 47, 50, 58

N/A – Not applicable

Attachment 2-6. Example of Issues and Recommendations Identified in the Seventh Five-Year Review Report for SRS OUs with Engineered Cover Systems[10]

Issues and Recommendations Identified in the Five-Year Review*				
OU(s): N/A	**Issue Category:** N/A			
	Issue: None			
	Recommendation: None			
Affect Current Protectiveness	**Affect Future Protectiveness**	**Party Responsible**	**Oversight Party**	**Milestone Date**
N/A	N/A	N/A	N/A	N/A

N/A – Not applicable
* Only issues and recommendations that affect the protectiveness of the remedy will be listed in the above table. All other issues and recommendations will be discussed in the Other Findings section, if warranted.

Attachment 2-7. Example of Protectiveness Statement(s) for the Seventh Five-Year Review Report for SRS OUs with Engineered Cover Systems[11]

Protectiveness Statement(s)		
Operable Unit: D-Area Burning/Rubble Pit (431-D and 431-1D), SEMS #15	*Protectiveness Determination:* Protective	*Addendum Completion Date (if applicable):* N/A
Protectiveness Statement: The remedy at the DBRP OU is protective of human health and the environment.		

N/A – Not applicable

[9] Same format as previous Five-Year Remedy Review Reports.
[10] Same format as previous Five-Year Remedy Review Reports.
[11] Same format as previous Five-Year Remedy Review Reports.

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