



REGION 4
ATLANTA, GA 30303

ENVIRONMENTAL COMPLIANCE &

APR - 7 2025

April 4, 2025

AREA COMPLETION PROJECTS

Mr. Matthew Baker, Acting Federal Facility Agreement Manager
Remediation, Deactivation & Decommissioning Division
U.S. Department of Energy
Savannah River Operations Office
Post Office Box A
Aiken, South Carolina 29802

Approval Post-Construction Report for the Savannah River Site Lower Three Runs Integrator Operable Unit Upper Subunit (U) (SRNS-RP-2023-00109, Revision 1, January 2025) (Redline) and DOE's Responses to the Regulatory Comments on the Revision 0 Document, SEMS OU 35.

Dear Mr. Baker,

The U.S. Environmental Protection Agency (EPA), Region 4, has reviewed the March 13, 2025, redline version of the above referenced report. The report incorporated all the approved responses to the EPA's comments on the Post-Construction Report (PCR) for the Lower Three Runs (LTR) Integrator Operable Unit OU35, Upper Subunit.

This PCR documents the completion of remedial action (RA) construction activities in support of the closure of the Upper Subunit of the LTR Integrator Operable Unit (IOU) and serves as the Remedial Action Completion Report. The report summarizes construction activities performed to implement the RA requirements in the LTR IOU Record of Decision (Savannah River Nuclear Solutions [SRNS] 2021) in accordance with the approved Remedial Action Implementation Plan (SRNS 2022a). This PCR specifically addresses construction activities associated with installing access controls for the Upper Subunit of the LTR IOU and the excavation, treatment, and disposal of Principal Threat Source Material in the R-Area Discharge Canal.

Other selected remedies for the Upper Subunit of the LTR IOU (maintenance of water in PAR Pond and Pond B and the Monitored Natural Recovery [MNR] of sediments), require long term maintenance of dam structures and periodic monitoring in accordance with the MNR Effectiveness Plan (SRNS 2022b). Long-term maintenance and monitoring actions will be documented in the Five-Year Review reports and a future Remedial Action Completion Report in accordance with the 1993 Federal Facility Agreement.

Approximate Quantities of Excavated Sediment and Job Control Waste:

Contaminated Sediment: 21 yards³

Metal posts: (7 @ 12 ft each) 84 linear ft

Aqua Barrier: (3 empty bladders: 2 @13.5 ft x 50 ft, 1 @ 13.5 ft x 80 ft) 2,430 ft²

Job control waste/PPE: (9 bags) ~ 2 yards³

Total Waste Containers: 3 roll offs

The incurred costs of the remedy was \$1,008,000.

If you have any questions or require additional information, please contact Jon Richards of my staff at (404) 431-1340.

Sincerely,

CATHY
AMOROSO

Digitally signed by
CATHY AMOROSO
Date: 2025.04.04
13:50:52 -04'00'

on behalf of
H. Glenn Adams, Chief
Federal Facilities Branch
Superfund & Emergency Management Division

ec: C.L. Bergren, SRNS-ACP
Susan Fulmer, SCDH