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ATTORNEY or AGENCY SAVANNAH RIVER NUCLEAR SOLUTIO
203 LAURENS ST SW BLDG 730-1B,
SRS
AIKEN, SC 29808

ACCOUNT NUMBER: 23479
AD NUMBER: 0003385979-01
PO NUMBER:

STATE OF GEORGIA
COUNTY OF RICHMOND

Personally appeared before me, **Said Legal Clerk**, to me known, who being sworn, deposes and says: That he/she is the authorized agent of GateHouse Media Georgia Holdings, Inc, doing business in said County under the trade name of **The Augusta Chronicle**, a newspaper in said County; That he/she is authorized to make affidavits of publication on behalf of said publisher company: **The Augusta Chronicle**; that said newspaper is of general circulation in said county and in the area adjacent thereto; that he/she has reviewed the regular editions of said newspapers published with issue dates:

11/01/2021

and finds that the following advertisement appeared in each of said editions, to-wit:

(Legal Clerk)

Sworn to and subscribed before me

This 1ST day of NOV., 2021

Notary Public State of Wisconsin, County of Brown

6/30/2025

My Commission Expires

AMY KOKOTT
Notary Public
State of Wisconsin

ENVIRONMENTAL BULLETIN
U.S. Department of Energy Con-
ducts Phased Submittals of the
Sixth Five Year Remedy
Review at Savannah River Site
Fourth Phase: Savannah River Site
Operable Units with Geosynthetic
or Stabilization/Solidification Cover
Systems

The U.S. Department of Energy is conducting the Sixth Five-Year Remedy Review for some remedial actions implemented at the Savannah River Site (SRS). The Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) requires that remedial actions that treat hazardous substances, pollutants, and contaminants remaining at an Operable Unit (OU) at levels unacceptably increased exposure be subject to a five-year remedy review. The purpose of this review is to determine whether remedies remain protective of public health and the environment and evaluate the implementation and performance of the selected remedy. The U.S. Environmental Protection Agency (EPA) and South Carolina Department of Health and Environmental Control (SCDHCEC) will review and approve whether the five-year remedy review adequately addresses the effectiveness of each remedy. The results, findings, and conclusions of the five-year remedy review will be reported in a report that will be available to the public.

SRS occupies approximately 310 square miles of land adjacent to the Savannah River, principally in and around counties of South Carolina. SRS is located approximately 10 miles northeast of Augusta, GA and 20 miles south of Aiken, S. Carolina. During the early 1970s began to produce materials used in nuclear weapons. Chemical and other wastes are by-products of material production processes. Wastes have been treated, some in some cases disposed of at 51 Hazardous Substances, as defined by CERCLA, are currently present in the environment at SRS, with past practices resulting in soil and groundwater contamination.

Each SRS OU is unique in size, location, environmental factors, and dominant type. Contaminants include chemicals (e.g., trichloroethylene, tetrachloroethylene, etc.), metals, pesticides, polychlorinated biphenyls, and radionuclides (e.g., tritium, cesium, etc.). Contaminants may be found in surface soils, subsurface soils, groundwater. OU-specific remedial actions are designed to address contaminants for the protection of public health and the environment. If soil, contaminated media are either removed, or managed with land use controls (LUCs). Common remedies implemented at SRS include LUCs, cover systems (i.e., soil covers, geotextiles), excavation and disposal, removal systems (i.e., extraction, electrical resistor, dynamic underground stripping, treatment systems (i.e., enhanced bioremediation, chemical oxidation, stabilization (i.e., in-situ grouting), and monitored natural attenuation.

DOE, EPA, and SCDHCEC previously agreed to conduct phased remedy reviews for OU groupings based on remedy similarity rather than conduct OU reviews in a single report. They are grouped by the following types: (1) native soil cover at LUCs, (2) groundwater, (3) end cover system, (4) geosynthetic stabilization/solidification cover, and (5) operating equipment. These groupings were selected to provide the opportunity to implement remediation initiatives for similar

The five-year remedy review will

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address three major questions:

- Are the remedies being intended by the decision?
- Are the exposure assessments, toxicity data, cleanup/remedial action objectives, user time of remedy selection still?
- Has any other information emerged that could call into question the protectiveness of the remedies?

The fourth phased submittal of Sixth Five-Year Remedy Review will focus on SRS OUs with geosynthetic or stabilization/solidification covers. Geosynthetic cover systems used at SRS when there is a potential contamination may leach to groundwater above acceptable levels. Geosynthetic cover systems are designed to meet layer/liner criteria and a specific cover (usually 1 x 10⁻⁷ centimeter per year). In some cases, a stabilization/solidification to U.S., in-situ-grounding may be a less permeability cover U.S., and may, however, etc., to determine migration and provide layers of protection to prevent and exposure to contaminated material.

The Sixth Five-Year Remedy Review Report for SRS OUs with Geosynthetic or Stabilization/Solidification Systems includes a review of following OUs:

- B-Area Operable Unit
- C-Area Reactor Seepage Basins (904-66C and 904-66D)
- D-Area Expanded Open Pit Unit (Comprised of D-Area units 1458-D1 and D-Area Marble 1201)
- E-Area Low-Level Waste Facility (643-25D1 1511 Trencor Units 1-3)
- E-Area Retention Basins (221-12)
- F-Area Tank Farm (One Tanks 5 to 6 and 17 through 20)
- General Separators / Consolidation Unit (Comprised of: Reductive Waste Burial Ground (including Solvent Tanks) (643-E2, Funds, H-Area Retention Basin (H) and Spill on 03/01/1956 of Unknown Amount of Retention Basin; Leak (HNI), Warner's Pond (685- and Spill on 03/08/1978 of Unknown; Seepage Basin Pipe Leak in H-Area; Seepage Basin (HNI) and Spill on 02/08/1978 of Unknown H-Area Process Sewer Line (Leak-in (HNI))
- H-Area Tank Farm OUs (Tanks 12 and 16)
- H-Area Reactor Seepage Basin (904-65G)
- L-Area Cell and Chemical Basin (904-61G)
- L-Area Reactor Seepage Basins (904-64G) and C-Area Reactor Seepage Basin (904-69G)
- Old F-Area Seepage Basin (904-43G)
- F-Area Operable Unit
- F-Area Reactor Seepage Basins (904-61G, 904-62G, and 904-63G)
- R-Area Burning/Subbley Pits (111-R and 111-1R) and Rub Pile (1031-20G)
- I-Area Operable Unit

DOE will notify the public when Sixth Five-Year Remedy Review Report for Savannah River Site Operable with Geosynthetic or Stabilization/Solidification Covers is complete and is available to the public. The report is currently available to the public in 2023.

For additional information about five-year remedy review process, please contact Ms. Angie Benfield at the address listed below.

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