

The Savannah River Site Environmental Bulletin

November 30, 2015

Volume 27, Number 12

Notice of Public Availability Fifth Five-Year Remedy Review Report for Savannah River Site Operable Units with Native Soil Covers and/or Land Use Controls

The Fifth Five-Year Remedy Review Report is being conducted in phases based on operable unit (OU) groupings with remedy similarities for administrative efficiency. The OUs are grouped by the following remedy types: (1) native soil cover and/or land use controls, (2) groundwater, (3) compacted clay cover system, (4) geosynthetic or stabilization/solidification cover system, and (5) operating equipment. The public will be notified when each phase of the remedy review will be conducted and when they are complete. The review for the native soil cover and/or land use controls remedy is complete and is being made available to the public.

The Fifth Five-Year Remedy Review Report for Savannah River Site Operable Units with Native Soil Covers and/or Land Use Controls is being issued by the U.S. Department of Energy, the lead agency for the Savannah River Site (SRS), with concurrence by the U.S. Environmental Protection Agency – Region 4, and South Carolina Department of Health and Environmental Control. The Comprehensive Environmental Response, Compensation, and Liability Act requires that remedial actions that result in hazardous substances, pollutants, or contaminants remaining at an OU at levels unsuitable for unrestricted land use be subject to a five-year remedy review. The Fifth Five-Year Remedy Review Report for Savannah River Site Operable Units with Native Soil Covers and/or Land Use Controls evaluated the remedial actions that have been selected at the SRS OUs through issued Records of Decision (RODs), Interim RODs, ROD Amendments, or Explanations of Significant Differences to determine whether the selected remedies remain protective of human health and the environment.

The five-year remedy review addressed three major questions:

- Are the remedies functioning as intended by the decision document?
- Are the exposure assumptions, toxicity data, cleanup levels, and remedial action objectives (RAOs) used at the time of remedy selection still valid?
- Has any other information emerged that could call into question the protectiveness of the remedy?

The report reviews the remedy decisions for thirteen (13) SRS OUs that selected native soil covers and/or land use controls as the final remedy to address soil contamination. The exposure assumptions, toxicity data, cleanup levels, and RAOs used at the time of remedy selection are still valid for all of the remedial actions evaluated. No new information has come to light that calls into question the protectiveness of any of the selected remedies. The remedies were determined to be protective of human health and the environment. However, the land use control remedy for the C-, K-, and L-Reactor Complexes was determined to be protective in the short term and final remedial decisions, and actions if deemed necessary, will be required in the future.

There were no issues or recommendations based on the Fifth Five-Year Remedy Review Report for Savannah River Site Operable Units with Native Soil Covers and/or Land Use Controls.

To aid in the review of the report, a Savannah River Site Fact Sheet for Fifth Five-Year Remedy Review Report for SRS Operable Units with Native Soil Covers and/or Land Use Controls was also developed.

continued

The SRS Environmental Bulletin

Copies of the Fifth Five-Year Remedy Review Report for Savannah River Site Operable Units with Native Soil Covers and/or Land Use Controls and Fact Sheet are available in the Administrative Record. The Administrative Record is available in the information repositories listed below:

- DOE Public Reading Room at the Gregg-Graniteville Library at the University of South Carolina (USC)-Aiken campus in Aiken, SC; and
- Thomas Cooper Library Government Documents Department at USC in Columbia, SC

Hard copies of the Fifth Five-Year Remedy Review Report for Savannah River Site Operable Units with Native Soil Covers and/or Land Use Controls and the Fact Sheet are available at the following locations:

- Reese Library Government Information Section at Georgia Regents University in Augusta, GA; and
- Asa H. Gordon Library at Savannah State University in Savannah, GA

An electronic copy of the Fifth Five-Year Remedy Review Report for Savannah River Site Operable Units with Native Soil Covers and/or Land Use Controls can be found at the following website:

- <http://www.srs.gov/general/programs/soil/rod/rod.html>

An electronic copy of the Fact Sheet can be found at the following website:

- <http://www.srs.gov/general/programs/soil/pub/pubinv.html>

For additional information, contact: Janet Griffin, Savannah River Nuclear Solutions, LLC
Savannah River Site, Building 730-1B, Aiken, SC 29808
1-803-952-8467 janet.griffin@srs.gov

The SRS Environmental Bulletin

For more information on this
or other environmental and compliance
activities at SRS, please contact:

Janet Griffin
Savannah River Nuclear Solutions
Aiken, S.C. 29808
(803) 952-8467
email: janet.griffin@srs.gov

Mailing List Information

☐ Add to mail list ☐ Correct my address ☐ Remove from mail list

Name _____

Mailing Address _____

E-mail Address _____

Mail to: SRS Environmental Bulletin
Savannah River Site, Building 730-1B
Aiken, SC 29808

Save a stamp! E-mail your changes to janet.griffin@srs.gov



130C00040



The SRS Environmental Bulletin

Savannah River Site
Building 730-1B
Aiken, S.C. 29808