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from the Savannah River Site

Public may view fact sheet

Final design completed for C-Area Basin remedy

The United States Department of Energy (DOE), United States Environmental Protection Agency (EPA), and South Carolina Department of Health and Environmental Control (SCDHEC) announce the completion of the final design of the remedy selected for the C-Area Reactor Seepage Basin Operable Unit and the availability of a Pre-construction Fact Sheet. This fact sheet provides a description of the remedy selected for the C-Area Reactor Seepage Basin Operable Unit (CRSB OU) at the Savannah River Site (SRS).

The CRSB is located in the central portion of SRS, approximately 800 feet west of C Reactor. The CRSB received radioactive water from the C-Area Reactor Disassembly Basin and consists of three connected basins and the associated pipeline. The Savannah River Site is located in Aiken, Allendale and Barnwell counties of western South Carolina, approximately 25 miles southeast of Augusta, Georgia.

The remedial action selected in the Plug-in Record of Decision for the CRSB consists of four components:

·Principle Threat Source Material (PTSM) soils, found in the first 6 ft below the basin bottom in basin 1 and in the first 4 ft below the basin bottom in basin 2, will be stabilized in place using a cement-based grout mixture. This treatment will convert the waste into a form less likely to result in human exposure to radionuclides.

·A low permeability soil cover will be placed over all three basins. This will reduce infiltration through the stabilized soil and prevent exposure of humans or animals to radionuclides in the stabilized soil.

·The pipeline will be filled with grout to prevent exposure to burrowing animals.

·Land use controls (institutional control) will be used to prevent disturbance of the cover system and excavation into the Principal Threat Source Material (or grouted material). Residential or agricultural use of the area will be prohibited. The soil cover will be maintained as long as the waste remains a threat to human health and the environment.

This remedy will be the final remedy for this operable unit, since the groundwater contamination associated with this basin is being addressed as part of the C-Area Reactor Groundwater OU.

DOE selects No Action for OU

The United States Department of Energy (DOE), United States Environmental Protection Agency (EPA), and South Carolina Department of Health and Environmental Control (SCDHEC) have selected the remedial approach for the Georgia Fields Site (GFS) Operable Unit (OU) which is located west of the Savannah River Ecology Laboratory (SREL). A 45-day public comment period for the Statement of Basis/Proposed Plan and the associated draft Resource Conservation and Recovery Act (RCRA) permit modification was held from March 30, 2000, to May 13, 2000. The remedial decision is documented in the Record of Decision (ROD) document. This document includes a responsiveness summary that addresses public comments. DOE has worked with EPA and SCDHEC to ensure the remedial approach is consistent with all applicable environmental requirements. They have determined that remedial action is necessary for this unit. The preferred remedial action is:

No Action - The No-Action alternative is the preferred alternative for the GFS. This means that no remedial action will be performed at the GFS. There is no waste to treat and no institutional or engineering controls are required. Because no further action will be taken, the GFS will remain in its present condition. No capital and/or operation and maintenance costs will be involved for this action.This alternative will be protective of human health and the environment. It is also intended to be the final action for the GFS.

Information Repositories

Docments and fact sheets are available at the information repositories listed below :

- DOE Public Reading Room, Gregg-Graniteville Library, University of South Carolina-Aiken campus, Aiken, SC;
- Thomas Cooper Library Government Documents Department, University of South Carolina, Columbia, SC;
- Reese Library, Augusta State University, Augusta,
- Asa H. Gordon Library, Savannah State University, Savannah, GA.

It is also available on the Internet in the SRS Home Page (http://www.srs.gov), under “Happening Now,” (http://www.srs.gov/general/srs-home.htm) and on the SRS Environmental Restoration Home Page, under “Public Involvement” (http://www.srs.gov/general/srenviro/erd/pub/pubinv.html).

Any questions or comments may be directed to Jim Moore, Wetinghouse Savannah River Company, 742-A, Aiken, SC 29808; 1-800-249-8155 or jim02.moore@srs.gov.

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

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http://www.SRS.GOV/general/srenviro/envbul/ebinex.htm

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