



Environmental Bulletin

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from the Savannah River Site

Action Memorandum and Responsiveness Summary Issued for the R Area Operable Unit (RAOU) R Area Process Sewer Lines (RPSL) Combined Subunit (no building number)

The U. S. Department of Energy (DOE) has selected the preferred alternative for the non-time critical removal for the R Area Operable Unit (RAOU) R Area Process Sewer Lines (RPSL) Combined Subunit (NBN - No Building Number). A thirty (30) day public comment period was held from February 24, 2009 to March 26, 2010. No comments were received during the public comment period.

DOE has selected Alternative P-2 (Isolation/Plugging of Reactor Building (105-R) PSLs and Drainage System, Grouting of Manholes, Diversion Boxes, and Process Tanks, Select Removal of Process Equipment External to the R Reactor Building (105-R), Sealing/Plugging of Outfalls, and Institutional Controls) has been identified as the preferred removal action. This alternative meets the Removal Action Objectives and will not preclude any additional remediation of the RAOU.

The scope of the removal action includes the following RAOU subunits and other associated structures:

Subunit: *R-Area Process Sewer Lines as Abandoned (NBN)*
Subunit: *Cooling Water Effluent Sump (107-R)*
Subunit: *Purge Water Storage Basin (109-R)*
Process Water Storage Tank (106-R)
Septic Tank
Outfall at R (904-1G)
Manholes, catch basins, weirs and other miscellaneous access points

The RAOU is located about 4.0 km (2.5 mi) northeast of the geographical center of the Savannah River Site (SRS) and about 7.2 km (4.5 mi) northwest of the nearest Site boundary. The RPSLs consist of carbon steel pipes and interconnected reinforced concrete storm water lines of various sizes, depths, and configurations throughout R Area that received contaminated process water discharges from the Reactor Building (105-R).

The selection of the preferred alternative is documented in the Action Memorandum. DOE has worked with SCDHEC and the USEPA to ensure that the removal action is consistent with all applicable environmental requirements.

A copy of the Action Memorandum and Responsiveness Summary is 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 Aiken campus in Aiken, SC; and
- Thomas Cooper Library Government Documents Department at the University of South Carolina in Columbia, SC.

Hard copies of the Action Memorandum and Responsiveness Summary are available at the following locations:

- Reese Library at Augusta State University in Augusta, GA; and
- Asa H. Gordon Library at Savannah State University in Savannah, GA

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