



Environmental Bulletin

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from the Savannah River Site

Action Memorandum Issued for the Removal Site Evaluation Report/Engineering Evaluation/Cost Analysis (rser/ee/ca) for P Area Process Sewer Lines as Abandoned Subunit for the P Area Operable Unit at the Savannah River Site

The U. S. Department of Energy (DOE) has selected the preferred alternative for the non-time critical removal for the P-Area Process Sewer Lines as Abandoned (NBN) Subunit (PSLs) for the P Area Operable Unit (PAOU). A thirty (30) day public comment period was held from December 7, 2009 to January 06, 2010. No comments were received during the public comment period.

DOE has selected Alternative P-2 (Isolation/Plugging of Reactor Building (105-P) PSLs, Grouting of the associated underground structures, Manholes, Weirs and Boxes, Select Removal of Process Equipment External to the Reactor Building (105-P), Sealing/Plugging of Outfalls, and Institutional Controls) as the preferred action. This alternative meets the Removal Action Objectives and is consistent with the final remediation of the PAOU.

The scope of the removal action includes:

- P-Area Process Sewer Lines as Abandoned (no building number [NBN])
- Spill on 03/15/79 of 5,500 Gallons of Contaminated Water, NBN
- Associated Underground Structures
- Manholes
- Miscellaneous other weirs and boxes

The PAOU is located about 2.5 miles east-southeast of the geographical center of the Savannah River Site (SRS) and about 4 miles west of the nearest site boundary. The PSLs are defined as those lines that received contaminated process water discharges from the Reactor Building (105-P) located primarily along the west side of the Reactor Building. The PSLs consist of carbon steel pipes and reinforced concrete storm water lines of various sizes, depths and configuration throughout P-Area that received contaminated discharges.

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 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.

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