



Environmental Bulletin

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from the Savannah River Site

Action Memorandum and Responsiveness Summary issued for the C Area Process Sewer Lines as Abandoned (NBN) SUBUNIT for the C 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 action for the Savannah River Site's (SRS) C Area Process Sewer Lines as Abandoned subunit that is part of the C Area Operable Unit (CAOU). A thirty (30) day public comment period for the Removal Site Evaluation Report/Engineering Evaluation/Cost Analysis for the C Area Process Sewer Line as Abandoned (CPSLA) was held from June 23, 2011 to July 23, 2011.

The CAOU is one of the area OUs identified at SRS. The C Area is located in the central portion of SRS. The C Area Reactor began operating in 1955 and was shut down in 1986. The CPSLA subunit includes C Area Process Sewer Lines as Abandoned (NBN), Cooling Water Effluent Sump (107-C), the Purge Water Storage Basin (109-C), the Process Water Storage Tank (106-C), manholes, boxes (access, diversion and junction), outfalls and other miscellaneous access points that no longer service the C Area Reactor Building Complex.

DOE has selected Alternative C-2: Isolation/Plugging of CPSLA and Grouting of Manholes, Boxes (access, diversion and junction), Outfalls, and Process Tanks, associated with the CPSLA subunit. All access points to the CPSLA will be closed by grouting, and any contaminated water in the structures will be properly disposed. The alternative is effective in the long term due to the isolation of the principal threat source material from human exposure. This alternative meets the Removal Action Objectives and is consistent with the final remediation of the CAOU.

Radioactive contaminated waste will be characterized in accordance with DOE requirements for disposal and will be sent to the SRS E Area Low Level Waste Facility (LLWF), a CERCLA Off-Site Rule approved facility.

The selection of the preferred alternative is documented in the Action Memorandum. DOE has worked with the South Carolina Department of Health and Environmental Control and the U. S. Environmental Protection Agency 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 File. The Administrative Record File 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 Government Information Section at Augusta State University in Augusta, GA; and
- Asa H. Gordon Library at Savannah State University in Savannah, GA

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