



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 R REACTOR COMPLEX BUILDING (105-R) FOR THE R AREA OPERABLE UNIT

The U. S. Department of Energy (DOE) has selected the preferred alternative for the non-time critical removal for the R Reactor Complex Building (105-R) for the R Area Operable Unit (RAOU). A thirty (30) day public comment period was held from December 17, 2009, to January 16, 2010. No comments were received during the public comment period.

DOE has selected Alternative R-2A (In-Situ Decommissioning (ISD) 2A – Grout R-Reactor Vessel; Remove the Disassembly Basin Above-Grade; Grout all Below-Grade Structures/Sections; Cover Contaminated Soils) as the preferred action. This alternative meets the Removal Action Objectives and will be consistent with the final remedial action proposed for the RAOU in the C, K, L and R Area Operable Unit Record of Decision.

The RAOU is located about 4.0 km (2.5 mi) northeast of the geographical center of the Savannah River Site and about 7.2 km (4.5 mi) northwest of the nearest Site boundary. This RSER/EE/CA addresses the removal actions associated with the R Reactor Building (105-R) Complex, which includes the following:

- R-Reactor Building (105-R)
- Engine Houses (108-1R and 108-2R)
- R-Reactor Vessel
- R-Reactor Disassembly Basin
- R-Reactor Emergency Basin
- Area on north side of Building 105-R Combined (NBN) subunit

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.

Hard copies of the Action Memorandum 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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