



Environmental Bulletin

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from the Savannah River Site

Engineering Evaluation/Cost Analysis for the Removal Action at the 741-A Salvage Yard at the M Area Operable Unit

The U.S. Department of Energy (DOE) is proposing to perform a non-time critical removal action at the 741-A Salvage Yard of the M Area Operable Unit (MAOU). The Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) requires a Removal Site Evaluation Report/Engineering Evaluation/Cost Analysis (RSER/EE/CA) to evaluate removal alternatives.

The MAOU is located in the northwest portion of the Savannah River Site. The 741-A Salvage Yard is located in the southern area of the MAOU and is approximately 1.2 hectare (3 acres) in size. The 741-A Salvage Yard was used to store construction materials and used transformers. In addition, historical records indicate that several small spills of oil, hydraulic fluid, and diesel fuel have occurred over years of operation. The 741-A Salvage Yard operated until the late 1980s when operations were moved to Central Shops.

The purpose of the RSER/EE/CA, as required by the National Contingency Plan, is to identify the objectives of the removal action and to develop various alternatives that might satisfy those objectives. This RSER/EE/CA evaluates three alternatives, recommends a removal action, and provides for public comment.

The preferred alternative will include excavation of area soil, onsite management at the A-Area Ash Pile, and backfilling to prevent human exposure to contaminants present in the surface soil that could present a risk to a future industrial worker greater than 1×10^{-6} . The excavated material will be used as nonstructural fill below the soil cover that will be placed on the A-Area Ash Pile. The excavated area at the 741-A Salvage Yard will be backfilled and returned to the original grade.

DOE plans to release this document for a 30-day public comment period beginning April 12, 2007. The preferred alternative may be modified or changed based on public comments. Following the public comment period, an Action Memorandum will be prepared and transmitted to the US Environmental Protection Agency and the South Carolina Department of Environmental Control by DOE-Savannah River.

This RSER/EE/CA, completed under CERCLA, is available for public review from April 12, 2007 to May 11, 2007, at the following locations:

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

An electronic copy of the RSER/EE/CA is posted at the following address: <http://www.srs.gov/general/programs/soil/pub/pubinv.html>

For additional information, contact Jim Moore at 1-800-249-8155 or e-mail: jim02.moore@srs.gov.

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