



Environmental Bulletin

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from the Savannah River Site

Removal Site Evaluation Report/Engineering Evaluation/Cost Analysis for the Gunsite 012 Operable Unit

The U. S. Department of Energy (DOE) is proposing to perform a non-time critical removal action at the Gunsite 012 Operable Unit (OU). Under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), the Removal Site Evaluation Report / Engineering Evaluation/Cost Analysis (RSER/EE/CA) describes how the proposed removal action meets the criteria established in the National Oil and Hazardous Substances Contingency Plan (NCP), 40 Code of Federal Regulations (CFR) 300.415. The purpose of this RSER/EE/CA is to identify the objectives of the removal action for the Building Pad subunit at the Gunsite 012 OU, and to develop alternatives that address the potential threats from release of contaminants to the environment. This document will be available for public review and copying at the locations listed below. The public comment period is scheduled for February 8, 2010 to March 10, 2010.

The RSER/EE/CA was completed to meet the terms of CERCLA, a law governing the investigation and cleanup of waste units. The DOE has worked with the United States Environmental Protection Agency-Region 4 (USEPA) and the South Carolina Department of Health and Environmental Control (SCDHEC) to ensure the removal approach is consistent with all applicable environmental requirements.

The Gunsite 012 OU is a 22 acre area located within the Savannah River Site approximately 0.25 miles east of the Pond B Dam Road, the nearest paved road. The Gunsite 012 OU encompasses five subunits: the Building Pad Area, the Gun Emplacement Area, the Early Construction Operations Disposal Site G3, and Groundwater. This removal action addresses risk associated with the Building Pad subunit only.

The DOE, USEPA and SCDHEC have reviewed the risks associated with the Building Pad subunit at the Gunsite 012 OU and have evaluated cleanup alternatives. The scope of the removal action includes asbestos-containing asphalt floor tiles piled in a common area of soil (i.e., asphalt tile piles) within the Building Pad subunit. The purpose of this removal action is to reduce the potential for the release of asbestos within the floor tiles due to its potential to become friable from the effects of weathering. Based on comparative analysis of the alternatives against effectiveness, implementation, and cost, Alternative 2 (removal) was identified as the preferred action. This removal action includes excavating a tile pile area of approximately 308 square feet with some raking/scraping of the adjoining soil area as necessary. The removal action will be followed by visual confirmation that the asbestos containing floor tiles are removed.

The alternative is specific for removing the asbestos-containing asphalt floor tiles on the soil surface (i.e. asphalt tile piles) within the Building Pad subunit and is not a final remedy for the entire Gunsite 012 OU. Alternative 2 is also consistent with additional work and remediation activities that will be conducted within the Gunsite 012 OU.

Upon completion of the public comment period, an Action Memorandum with a Responsiveness Summary that addresses public comments will be prepared.

Copies of the RSER/EE/CA are 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 RSER/EE/CA are available at the following:

- 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>

Paul Sauerborn
Savannah River Nuclear Solutions, LLC
Savannah River Site
Building 730-1B
Aiken, SC 29808
(803) 952-6658
paul.sauerborn@srs.gov

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other environmental and compli-
ance activities at SRS, contact:**

Paul Sauerborn

Savannah River Nuclear Solutions, LLC

Aiken, S.C. 29808

Public Involvement

(803) 952-6658

e mail: paul.sauerborn@srs.gov
