



Environmental Bulletin

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from the Savannah River Site

Removal Site Evaluation Report/Engineering Evaluation/Cost Analysis (rser/ee/ca) for the Small Arms Training Area (SATA) at the Savannah River Site

The U.S. Department of Energy (DOE) is proposing to perform a non-time critical removal of spent lead bullets and lead-impacted soil at the Small Arms Training Area (SATA). 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 at SATA, 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 June 10, 2010 to July 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 remedial approach is consistent with all applicable environmental requirements.

SATA is located in the northwestern portion of the Savannah River Site (SRS) and comprises approximately 2,150 acres of woodlands and open field. Approximately 7.3 acres at SATA have been used as a small weapons practice and qualifying firing range since 1951. The SATA facility comprises three small arms ranges with an earthen berm used as a backstop for bullets during target practice, storage buildings for supplies, a weapon cleaning building, and a control building.

The DOE, USEPA and SCDHEC have reviewed the risks associated with the SATA and have evaluated cleanup alternatives. Based on a comparative analysis of the alternatives against effectiveness, implementability, and cost, Alternative 2 (Removal and Offsite Disposal) has been selected as the preferred removal action. Under this alternative, the spent lead bullets and lead-impacted soil will be excavated and disposed of at appropriate disposal facilities. Additionally, an administrative building will be decommissioned. The purpose of the proposed removal action is to be protective of human health and the environment.

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>

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