



# Environmental Bulletin

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*from the Savannah River Site*

## **R Area Burning Rubble Pits and Rubble Pile Remedial Action Fact Sheet Available for Review**

The United States Department of Energy (USDOE), United States Environmental Protection Agency (USEPA), and South Carolina Department of Health and Environmental Control (SCDHEC) announce the completion of the final design of the remedy selected for the R Reactor Area Burning Rubble Pits (RBRP) and R-Rubble Pile (RRP) Operable Unit (OU) and the availability of a Pre-construction Fact Sheet. This fact sheet provides a description of the remedy selected for the RBRP/RRP OU at the Savannah River Site (SRS).

RBRP/RRP is located southeast of R Area. RBRP is comprised of two parallel burial trenches, each approximately 230 feet x 30 feet. One of the pits has been back-filled with soil to grade. The other pit remains open. The combined area of both pits is 13,800 square feet. RRP is an area of approximately 0.7 acres where miscellaneous debris was placed on the ground, forming one contiguous pile generally 2 to 3 feet deep. The pile consists of a mixture of debris and soil.

Characterization of the burning/rubble pits indicates that contaminated soil is confined to the pits. Contaminants of concern are metals (cadmium, copper, lead, manganese, thallium, zinc), tetrachloroethene, and dioxins/furans. Characterization of the rubble pile indicates that contamination is confined to the rubble pile and one foot of soil beneath the rubble pile. Contaminants of concern are metals (cadmium, lead, copper, barium, zinc) and asbestos.

The remedial action selected in the Record of Decision for the RRSB consists of the following:

The remedial action will remove the soil and material that exceeds the industrial remedial goal levels from the rubble

pile (including 1 foot beneath the rubble pile). The removed soil and material will be segregated as RCRA hazardous and RCRA non-hazardous waste based on RCRA requirements. The hazardous portion will be shipped off-site for treatment and disposal. The non-hazardous portion will be placed into the open burning/rubble pit subunit and backfilled to grade. A low permeability geosynthetic cover system will be installed over both pits.

The Pre-construction Fact Sheet for the SRS RRSB OU is available 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.

The Pre-construction Fact Sheet is also available on the Internet on the SRS webpage on the Soil and Groundwater Closure Projects webpage/Public Involvement, (<http://www.srs.gov/general/programs/soil/pub/pubinv.html>).

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