



Environmental Bulletin

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from the Savannah River Site

Fact Sheet Available for the P Area Operable Unit Potential Source Areas 3A and 3B and High Contamination Area associated with the P-Reactor Cask Car Railroad Tracks as Abandoned

The U.S. Department of Energy, U.S. Environmental Protection Agency, and South Carolina Department of Health and Environmental Control announce the availability of a Pre-construction Fact Sheet for the P Area Operable Unit (PAOU) at the Savannah River Site (SRS). This fact sheet provides a description of the remedial actions selected for the PAOU Potential Source Areas (PSA)-3A and -3B and the High Contamination Area (HCA) associated with the P-Reactor Cask Car Railroad Tracks as Abandoned.

The PAOU is located approximately 2.5 miles east-southeast of the geographical center of the SRS and about 4 miles west of the nearest Site boundary. In February 1954, P Reactor began operations. It was taken off-line in 1987, placed in warm standby in 1988, and placed in cold standby in 1991. All fuel and target assemblies have been removed from the reactor vessel. All fluids have been drained from the process systems.

PSA-3A and -3B are contaminated with volatile organic compounds (i.e., trichloroethylene and tetrachloroethylene). The HCA associated with the P-Reactor Cask Car Railroad Tracks as Abandoned has received radioactive contamination, primarily from cesium-137 and cobalt-60.

The remedial actions selected for these areas are as follows:

- PSA-3A - soil vapor extraction (SVE) enhanced with soil fracturing and chemical oxidation,
- PSA-3B - SVE, and
- HCA - excavation and disposal of soil, gravel and debris.

Copies of the PAOU Pre-Construction Fact Sheet 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 (USC) Aiken campus in Aiken, SC; and
- Thomas Cooper Library Government Documents Department at USC in Columbia, SC.

Hard copies of the PAOU Pre-Construction Fact Sheet 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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