



Environmental Bulletin

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from the Savannah River Site

Explanation of Significant Differences for the Interim Record of Decision Available for the E-Area Low-Level Waste Facility, 643-26E (Slit Trench Disposal Units 1 and 2) at the Savannah River Site

The Explanation of Significant Differences (ESD) for the Revision 1 Interim Record of Decision (IROD) for the E-Area Low-Level Waste Facility (LLWF) (Slit Trench Disposal Units 1 and 2) is being issued by the U.S. Department of Energy (DOE), the lead agency for the Savannah River Site, with concurrence by the U.S. Environmental Protection Agency – Region 4 (EPA), and the South Carolina Department of Health and Environmental Control (SCDHEC). The Three-Party-signed IROD, which was previously issued to the public January 22, 2010, selected the Installation of Stormwater Runoff Covers as the interim remedy for E-Area LLWF (Slit Trench Disposal Units 1 and 2). The ESD selects this same interim remedy for Slit Trench Disposal Units 3, 4, and 5.

The IROD and subsequent ESD were completed as part of the regulatory agreement for the receipt of Comprehensive Environmental Response, Compensation, and Liability Act-regulated low-level radioactive waste at the E-Area LLWF Slit Trench Disposal Units. The DOE has worked with EPA and SCDHEC to ensure that the interim remedial approach is consistent with all applicable environmental requirements.

The interim remedial action is applied as an enhancement to the current protective measures required by DOE Order 435.1, “Radioactive Waste Management,” which governs the disposal of DOE’s low-level waste. The interim action enhances protection of human health and the environment, complies with Federal and State requirements that are legally applicable or relevant and appropriate to the limited-scope interim remedial action, and is cost-effective. A final remedial action will be evaluated and conducted in the future for the entire E-Area LLWF when disposal operations have ceased.

Copies of the ESD are available in the Administrative Record File. The Administrative Record File 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 USC in Columbia, SC

Hard copies of the ESD 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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