

# The Savannah River Site Environmental Bulletin

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## *Notice of Public Availability*

### *Interim Record of Decision Remedial Alternative Selection for the H-Area Tank Farm, Waste Tank 16, Savannah River Site*

The Interim Record of Decision (IROD) Remedial Alternative Selection for the H-Area Tank Farm (HTF), Waste Tank 16 is being issued by the U.S. Department of Energy (DOE), the lead agency for the Savannah River Site (SRS), with concurrence by the U.S. Environmental Protection Agency - Region 4 (EPA), and the South Carolina Department of Health and Environmental Control (SCDHEC). The IROD was completed to comply with terms in the Federal Facility Agreement (FFA) for SRS that govern the investigation and cleanup of waste units. The FFA integrates the requirements of the Resource Conservation and Recovery Act and the Comprehensive Environmental Response, Compensation, and Liability Act.

DOE has worked with the EPA and SCDHEC to ensure the interim remedial approach is consistent with all applicable environmental requirements. The objective of the interim remedial action is to prevent premature degradation of the engineered barriers associated with those liquid waste tanks that have been stabilized and removed from service. DOE, EPA, and SCDHEC have reviewed the risks associated with the stabilized waste tank and have evaluated remedial alternatives. Annual Visible Engineered Barriers Inspections and Maintenance is the selected alternative for the stabilized HTF waste tanks.

The HTF is a 45-acre site within the General Separations Area consisting of 29 liquid waste storage tanks and various ancillary structures and transfer lines. There are four major waste tank design types in HTF ranging in size from 750,000 gallons (Type I tanks) to 1.3 million gallons (Type III/IIIA and Type IV tanks) and having different degrees of secondary containment and internal structures such as cooling coils and roof support columns. Waste Tank 16 is a Type II tank constructed in 1955-1956 with a carbon-steel primary liner that is partially enclosed by a carbon-steel annulus pan. Tank 16 was removed from service in October 2015 in accordance with an approved General Closure Plan and tank-specific Closure Module. The tank was isolated from the remaining operating facility and filled with grout.

The Administrative Record is available at 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 Tank 16 IROD are available at the following locations:

Reese Library Government Information Section at Augusta University in Augusta, GA; and  
Asa H. Gordon Library at Savannah State University in Savannah, GA.

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# The SRS Environmental Bulletin

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