

Transfer lines connecting SRS liquid waste facilities to SWPF are in place

The Savannah River Site (SRS) achieved a key milestone in integrating the future Salt Waste Processing Facility (SWPF) with existing liquid waste facilities onsite.

While there are more steps to follow, the SWPF team installed more than 1,200 feet of new transfer lines that will eventually make the connection to the SWPF.

The SWPF will be the key liquid waste facility for processing approximately 90 percent of the some 38 million gallons of tank waste.

It will separate that "salt" waste into a low-volume, high-radioactivity solution for vitrification in the Defense Waste Processing Facility and a high-volume, decontaminated salt solution for disposal as low-level waste in the Saltstone Facility.

The lines will be ready to transfer waste following final tie-ins and testing of the SWPF, currently targeted for 2018.

Installing the lines was significant, but completing the work safely also was important, according to Frank Sheppard, Vice President and Deputy Project Manager of Parsons, the SWPF construction contractor

for the Department of Energy (DOE) at SRS. "Construction of the transfer lines began in 2013 and was finished ahead of schedule – approximately 12,000 work-hours with no recordable injuries," Sheppard said."

Savannah River Remediation (SRR), DOE, and Parsons have been closely interfacing on integration of SWPF with the liquid waste system, according to Keith Harp, SRR SWPF Integration Program Manager.

"The two contractors have been working hand-in-hand with DOE to ensure the success of this project," Harp said. "The work accomplished so far will integrate SWPF with current liquid waste facilities, such as the DWPF and the tanks farms."

The spirit of integration is recognized by DOE. "A key objective for us over the next five years is to fully integrate SWPF into the liquid waste system," said Jim Folk, DOE-Savannah River Acting Assistant Manager for Waste Disposition Project. "Completion of this task is another example of the close partnering relationship that will be required between DOE and its contractors in achieving this very important goal."



ANNOUNCEMENT OF MEETING Open to the Public

United States
Nuclear Waste Technical Review Board



When: Wednesday, October 29, 2014
8:00 a.m.–5:30 p.m.

Where: Augusta Marriott Hotel at the Convention Center
2 Tenth Street, Augusta, GA 20901

Topics: Department of Energy (DOE) activities at the Savannah River Site associated with:

- Storage and Processing of Spent Nuclear Fuel
- Vitrification of High-Level Radioactive Waste
- Storage of Vitrified High-Level Radioactive Waste

For more information, visit the website: <http://www.nwtrb.gov/press/pr1195.pdf>, or contact Karyn Severson, Director of External Affairs, 703-235-4489