

Cleaning up, closing waste tanks at SRS

In 2009, U.S. Department of Energy (DOE) at the Savannah River Site (SRS) awarded the liquid waste disposition contract to Savannah River Remediation (SRR). The contract calls for safely treating and dispositioning waste and operationally closing waste tanks.

SRR has been committed to reducing South Carolina's single largest environmental risk: Cold War legacy liquid waste.

Liquid radioactive waste is generated at SRS as byproducts from the processing of nuclear materials for national defense, research and medical programs. The waste, totaling about 37 million gallons, currently is stored in 45 underground carbon-steel waste tanks grouped into two "tank farms" at SRS. Each of these large tanks holds essentially 1 million gallons each.

The operational milestones in cleaning up this waste that have been achieved by SRR employees are impressive.

Since the beginning of liquid waste operations, SRR and heritage companies treated more than 7 million gallons of salt waste, produced more than 3,800 high-level waste canisters, and immobilized over 16 million gallons of decontaminated salt solution into grout.

SRS is also home to the first two liquid radioactive waste tank operational closures in the nation. Marking a major milestone in stabilizing another portion of the Cold War legacy materials for the site and the country, these two tank operational closures, completed in 1997, have been followed with two more tank closures in 2012 and two others in 2013.



SUBMITTED PHOTOS

PARSONS

SALT WASTE PROCESSING FACILITY



SWPF will treat **35 million gallons** of radioactive liquid salt waste stored in large underground tanks at SRS. Parsons is proud to be helping the Central Savannah River Area **GO GREEN!**

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