In Fiscal Year 2016 (FY16), Savannah River Remediation (SRR) operationally closed the eighth radioactive liquid waste tank at the Savannah River Site (SRS), poured a milestone canister of high-level glassified waste, and began the multimillion-dollar-saving Canister Double Stack Project.

These accomplishments, and more, represent SRR’s continued efforts in 2016 to disposition the SRS liquid waste, further reducing the risk of the legacy Cold War waste in South Carolina. The SRS waste—a more-radioactive sludge, a less-radioactive salt, and contaminated water—is dispositioned through various liquid waste facilities. Removing this waste from the tanks is essential to the Site’s mission of cleaning and operationally closing the tanks.

SRR operationally closed Tank 12 by filling it with a cement-like grout in April 2016. It took 567 truck loads and 908,580 gallons of grout to fill the tank.

The 4,000th canister of glassified waste was poured December 31, 2015, at the Site’s Defense Waste Processing Facility (DWPF) by turning the high-level sludge into glass. Throughout FY16, 133 canisters were poured.

The first two radioactive canisters were double-stacked at the end of August in Glass Waste Storage Building 1 at DWPF. The Canister Double Stack Project will increase the storage capacity in GWSB 1 from 2,254 slots to 4,508 slots and will create adequate, safe interim canister storage until at least FY 2029. It also postpones the expense of another storage facility.

Additionally, SRR was recognized for its focus on safety culture. In June, the South Carolina Department of Labor, Licensing, and Regulation awarded SRR the Palmetto Shining Star based on the company’s dedication to safety both onsite and within the local community. SRR also received multiple safety awards this year from the Voluntary Protection Program Participants’ Association. The company was presented with the Star of Excellence, and two SRR employees won the National Safety and Health Achievement Awards. SRR is the first site in the DOE Complex to have two employees from one site win the Safety and Health Achievement Award.

**Canister Double Stack Milestone**

50 canisters double stacked in Glass Waste Storage Building 1 at the Defense Waste Processing Facility, as of November 27.

**Additional FY16 Accomplishments**

• Processing approximately 1.1 million gallons of salt waste at the Actinide Removal Process (ARP)/Modular Caustic Side Solvent Extraction Unit (MCU), bringing the total salt waste prepared under the SRR contract to more than 6 million gallons.
• Creating more than 2.5 million gallons of tank space gain, despite 3H Evaporator going into an extended outage in February. The two on-site evaporators reduce the volume of the salt waste so that space within the tanks is available for continuing liquid waste operations.
• Reducing the Tank Farm inventory to a record low volume of below 35 million gallons. The Tank Farms have not had a waste volume that low since 1999.
• Disposing of about 1.5 million gallons of Decontaminated Salt Solution through the Saltstone facilities.
SRR Gives $5,000 to Salvation Army

SRR donated $5,000 this month to the Salvation Army, now totaling $40,000 over the course of SRR’s contract. The local Salvation Army is a United Way agency that helps cover needs in Aiken, Allendale, and Barnwell counties.

The donation this year has special significance as it honors the memory of long-time SRR Executive Staff member and General Counsel Victor Franklin, who passed away earlier this year. Victor had a sincere passion for the Salvation Army and served on its board for many years. Victor especially enjoyed SRR’s annual check presentations and always ensured this annual event was on his calendar so he could be a part of the presentation at the Aiken Wal-Mart on Whiskey Road. After the presentation, Victor was always the first SRR volunteer of the day to ring the red kettle bell. Following Victor, many other SRR employees have also enjoyed their time volunteering to ring the bell, and that tradition continued this year.

In honor of his service to his company and community, Victor’s wife, Stephanie Franklin, made this year’s annual check presentation to Major David Phelps of the Salvation Army. Stephanie also works for SRR, and the opportunity to represent her husband and company meant a great deal to her.

“Victor enjoyed serving his community through the Salvation Army,” Stephanie said. “I enjoyed presenting this check and ringing the bell to honor him and the community Victor loved.”

Annual Toys for Tots Campaign a Success

Each year, SRR employees fill boxes and bags of donated toys in support of the annual U.S. Marine Corps Toys for Tots campaign. This year was no different as employees stocked a truckload of holiday cheer.

More than 6,000 toys were given as part of the campaign.

Employees have participated in the toy drive since the contract began in 2009.

Many local children had a brighter Christmas morning because of the generosity of the SRR employees.”

Tom Foster, President & Project Manager