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Melter 2 Moved into Storage; Welcome, Melter 3!

Melter 2 has left the building.

On May 16, 2017, Melter 2 was moved out of the Defense Waste Processing Facility (DWPF), and into an on-site underground storage vault about 300 yards away. A remotely operated crane lifted the melter and placed it into a 75-ton, one-inch-thick carbon steel storage box, called a Melter Storage Box (MSB).

The MSB provides confinement and shielding for Melter 2 and a handling system to move the melter and the MSB. For the last nine years, the MSB had been waiting patiently in the same underground storage vault where returned, but this time while encasing Melter 2.

Melter 2 joins the previous DWPF melter, Melter 1, in the underground structure. The underground storage area contains two separate vaults and each vault can accommodate a melter and its storage box. Each vault is about 27 feet long, 16 feet wide, and 21 feet high.

On June 2, 2017, the third melter to reside in DWPF arrived in the facility.

Melter 3 was transported via tractor-trailer from an on-site mock-up facility, located in F Area, to DWPF in S Area. Melter 3, encased in robust metal bracing, was placed inside the outer railroad well attached to the facility. Final assembly and testing took place in the mock-up facility before Melter 3 was moved.

The wide load measured at 75 tons, 10 feet tall, and 8 feet wide.

Melter 3 replaces Melter 2, which had a successful 14-year operational life at DWPF. Melter 3 operations are schedule to begin toward the end of the year.



Melter 2 leaving DWPF in the Melter Storage Box



Melter 3 entering DWPF for installation

Key Melter Contributor Visits

A 1969 mechanical engineering graduate from the University of Maryland, Joseph Gutmann was the lead engineer for the DWPF melter design for almost a decade and author of the Melter Technology Manual still used daily by DWPF engineers. Joe recently visited SRS while Melter 3 was being prepared to move to the melt cell. It had been 20 years since Joe had been to SRS. He spent the early to mid-1980s at the Engineering Department in Newark, Delaware, working on the DWPF melter for DuPont, the company that designed and built the Savannah River Plant, now known as SRS.

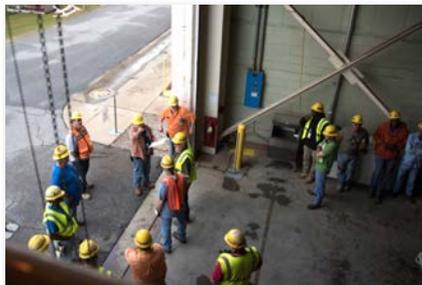


SRR Engineer John Owen (left) tours Joseph Gutmann through the 717-F mock-up facility where Melter 3 was staged.

SRR Awarded for Safety

In May and June of 2017, SRR received the following awards:

- Palmetto Shining Star
- DOE-EM Sustainability Award
- National Safety Council's Occupational Excellence Achievement Award
- National Safety Council's Million Work Hours Award



SRR received the state of South Carolina's 2017 Palmetto Shining Star Safety Award for exemplary safety performance in 2016. In qualifying for the award, SRR exceeded one million hours without a days-away injury for 2016 and achieved an injury rate that was at least 75 percent below the South Carolina average injury rate for similar industries. Pictured, SRR employees conduct a safety briefing before starting their tasks.

SRR Recognized by DOE for Federal Cost-Savings Techniques

The Department of Energy (DOE) Office of Environmental Management (EM) recognized SRR's strong participation in the DOE-EM Strategic Sourcing Initiative (SSI).

Ralph Holland, head of EM contracting activity, acknowledged the importance of using taxpayer dollars efficiently and effectively.

"EM prime contractors working together to leverage common commodities, thus enabling pricing and processing efficiencies, is critical to achieving the ultimate goal of maximizing taxpayer value for every dollar spent," Holland wrote in a letter to SRR Supply Chain Management Director Ellen Hansmann.

"Based on your contribution to federal cost savings, I want to personally thank you and the entire Savannah River Remediation Team at the Savannah River Site for your dedicated involvement in the Department of Energy Office of Environmental Management Strategic Sourcing Initiative," the letter said.

SRR's participation was a significant driver of the Fiscal Year 2016 (FY16) SSI savings total, with a company savings of \$3,577,000, exceeding SRR's FY16 goal of \$2,100,000 by 70.3 percent. Additionally, SRR had the highest number of eStore transactions among all EM SSI contractors with 14,319 transactions in FY16.



SRR Plays Ball for United Way



Three SRR teams played in the 2017 Savannah River Site United Way Softball Tournament on June 19 and 21, 2017, at Citizen's Park in Aiken, S.C. SRR raised \$4,731 for Children's Place, Augusta Training Shop, and the Georgia-Carolina Boy Scouts of America, exceeding their goal of \$4,500. The SRR Avengers team (above) placed second in the tournament.

SRR Interns Volunteer for Project Vision



The SRR college interns spent a day volunteering for the United Way of Aiken County's Project Vision by completing a home improvement project for a local resident in need. The purpose of Project Vision is to assist residents who are unable to complete home improvement projects on their own. Nine SRR interns and Edward Urbanawiz, Mission Excellence Lean Specialist, met at a home in Aiken to build a deck. The project included moving steps from the front door to the back door - where there was no safe exit - and constructing a deck, granting a community member safe access to their home. The interns were able to experience first-hand SRR's dedication and passion for community outreach.



SRR employees welcomed their class of 2017 summer college interns. This year's interns come from many colleges, including Clemson University, College of Charleston, Colorado School of Mines, Colorado State University, Georgia State University, Georgia State University College of Law, Georgia Tech, South Carolina State University, University of Alabama, University of Georgia School of Law, University of South Carolina, and the University of Wisconsin.