

# STAKEHOLDER NEWS

## New Saltstone Disposal Units Under Budget, Ahead of Schedule

The next two Saltstone Disposal Units (SDUs) have been completed ahead of schedule and under budget, and construction has begun on the next generation SDU, that will result in even greater savings.

Construction of SDUs 3 and 5, the newly built set of circular disposal units, began in late 2010 and was targeted for completion in July 2014. They were completed seven months earlier and for \$8 million less than the anticipated total cost of \$76.5 million.

Construction has now begun on the next generation SDU 6. The unit will also be circular in shape but approximately 10 times larger.

SDUs 3 and 5 consist of four individual 2.9 million gallon capacity cells. They follow the successful operation of SDU 2, the first unit to use the new circular technology. When completed, SDU 6 will hold approximately 30 million gallons of low-level waste and will take up most of a 2 ½ acre location next to the SRS Saltstone Facilities.

The SDU 6 design was developed by SRR in coordination with one of its partners, CH2M Hill. A similar design has been used in previous commercial water applications. The larger SDUs will be used for the permitted landfill disposal of radioactive waste called saltstone, which will be produced in the Site's Saltstone Production Facility (SPF) for disposal in an industrial solid waste (non-hazardous) disposal unit.

Instead of 40 pairs of the smaller Saltstone disposal cells, SRS will need only nine of the larger units, which will result in substantial cost savings by requiring less space to design and build.



## SRR Zero Injuries Nets \$500 to the Allendale County Disabilities and Special Needs Board

Savannah River Remediation (SRR) employees Tyrone Young (right) and Martha Quarles (left) present a \$500 check to Billie Dobson, Human Resource Director of the Allendale County Disabilities and Special Needs Board, as part of SRR's Zero Injuries campaign.

The Zero Injuries campaign means that when SRR employees work a month without injuries that result in days away from work, the company presents a \$500 check to a local charity selected by the employees. Since beginning the Zero Injuries campaign in August 2009, SRR has donated \$24,000 to local charities.





## Ken Rueter Congratulates Tank 5 and 6 Team

SRR President and Project Manager Ken Rueter visited F Tank Farm recently to congratulate the Tanks 5 and 6 closure team for their work in operationally closing the next Savannah River Site waste tanks. The team began grouting activities on Tanks 5 and 6 in August 2013 and celebrated the last gallon of grout poured into the tanks on December 18, 2013. On January 30, Rueter and Dan Wood, Tank Closure and Regulatory Director, gathered the team to celebrate with special cakes.

Rueter thanked the team for working safely and completing the work without any injuries or accidents.

“SRS liquid waste employees were the first in the country to operationally close waste tanks and now you have closed another two, bringing SRR’s total to four tanks,” Rueter said. “No other project in the nation is reducing the risk associated with this legacy waste like you.”



## 2013- A YEAR OF ACCOMPLISHMENTS Two Waste Tanks Closed; Substantial Waste Processing Achieved

*Reducing the single most substantial environmental risk in South Carolina*

### WHAT WAS ACCOMPLISHED

Operational closure of two hazardous waste tanks.

Saltstone processed over 1.2 million gallons of decontaminated salt solution. Interim Salt Disposition Process processed over 1.1 million gallons of salt solution.

Defense Waste Processing Facility produced 196 canisters for the year, 40 of which came during August for the best processing month in the facility’s 17-year history.

### WHY THIS MILESTONE IS IMPORTANT

Operationally closing waste tanks reduces environmental risks. SRR has closed four waste tanks and filled them with cement-like grout since becoming the SRS liquid waste contractor in 2009.

Processing liquid salt waste from SRS waste tanks is an essential step in preparing tanks for closure. Salt waste represents 90 percent of the waste in tanks.

Producing canisters reduces the highest portion of radioactivity in the legacy waste stored in SRS waste tanks.

Bottom Line: By removing waste from many of the SRS old-style waste tanks and closing Savannah River Site’s hazardous waste storage tanks, Savannah River Remediation is reducing the single greatest environmental risk in the state of South Carolina.



Savannah River Remediation (SRR) LLC is the Savannah River Site’s (SRS) Liquid Waste contractor. SRS is owned by DOE. SRR is composed of personnel from a team of companies led by URS with partners Bechtel National, CH2M Hill and Babcock & Wilcox. Critical subcontractors for the contract are AREVA, Energy Solutions and URS Professional Solutions. For more information, contact the SRR Public Affairs Department: Dean Campbell at 803.208.8270, or log on to [www.SRRRemediation.com](http://www.SRRRemediation.com)

