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Savannah River Remediation Awards Bid for Cesium Removal Process

AIKEN, S.C. (July 18, 2016) – Savannah River Remediation (SRR) awarded a contract this week for Tank Closure Cesium Removal (TCCR), which is designed to enhance the removal of bulk waste from underground radioactive high-level waste storage tanks at the Savannah River Site (SRS).

The contract is awarded to Westinghouse Electric Company, LLC headquartered in Cranberry Township, Pa. The contract is valued at \$12.4 million, and the new process is expected to be operational in late spring 2018.

In January 2016, SRR received commercial supplier proposals for the procurement of the equipment needed for the TCCR technology demonstration at the Site's Tank 10. Since receipt of the proposals, SRR has been reviewing and evaluating supplier proposals.

The technology selected is an ion exchange process with an "at-tank" deployment. Commercial vendors have demonstrated success with cesium removal, using ion exchange, from similar type wastes.

"We are pleased and excited to have the opportunity to demonstrate a new technology for the processing and cleanup of our high-level waste," said Tom Foster, SRR President and Project Manager. "If successful, it may provide an opportunity to supplement the cleanup capability currently provided by our existing salt processing facilities and the future operation of the Salt Waste Processing Facility."

SRR-2016-29

SRS is owned by the U.S. Department of Energy. The SRS Liquid Waste contract is managed by SRR, which is composed of a team of companies led by AECOM with partners Bechtel National, CH2M and BWX Technologies. Critical subcontractors for the contract are AREVA, EnergySolutions and URS Professional Solutions.

Additional information on the Department of Energy's Office of Environmental Management and the Savannah River Site can be found at <http://www.em.doe.gov> or <http://www.srs.gov>.