



# U.S. DEPARTMENT OF ENERGY

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**FOR IMMEDIATE RELEASE**

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## **INSTALLATION OF SIX LARGE PROCESSING TANKS MARKS BIG STEP IN CONSTRUCTION OF CRITICAL WASTE CLEANUP FACILITY AT SRS**

*Tank components received over the weekend successfully installed in SRS Salt Waste Processing Facility, key cleanup facility designed to treat legacy radioactive salt waste in support of DOE's tank closure priority*

AIKEN, S.C. – (May 21) Six major nuclear material processing tanks received over the weekend at the Savannah River Site (SRS) have been successfully installed in the Site's Salt Waste Processing Facility (SWPF), signifying a key milestone in the construction of this major cleanup facility designed to advance the Department of Energy's (DOE) priority to reliably complete radioactive liquid waste treatment, safely manage the treated waste and meet commitments to close liquid waste tanks at SRS.

The construction milestone accounts for six of 10 total processing tanks, ranging in volume capacity from 6,000 – 45,000 gallons, to be installed in the facility, with the four remaining tanks to be shipped to the Site in early June. With these key vessels in place, SWPF construction progresses with piping and facility floors to be completed and the facility roof put into place.

The newly installed processing tanks will be used for treating radioactive salt waste, a by-product of the Cold War nuclear weapons program currently stored in 47 underground tanks at SRS. Once operational, SWPF will employ state-of-the-art waste treatment technologies to process approximately 33 million gallons of the stored radioactive salt wastes for final disposition.

"On the heels of last month's start to grout and close Tanks 18 and 19, this SWPF construction milestone is added proof of the progress being made to reduce the environmental legacy of radioactive waste at SRS," said Dr. David Moody, DOE Savannah River Manager. "Equally important, it supports our *Enterprise SRS* vision to leverage the Site's nuclear knowledge and one-of-a-kind facilities and processes to execute enduring solutions to some of our Nation's most pressing problems while we look ahead to investing these assets to acquire new missions and secure a high-impact future for SRS."

Parsons Government Services of Pasadena, California, is DOE's prime contractor for designing, building, starting up and operating the SWPF for one year. Full plant operations are currently scheduled for late 2015.

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## ***Newly Installed Tanks Advance SWPF Construction*** ***Page 2***

“As SWPF continues taking shape on the SRS horizon, installation of these tanks pushes facility construction to more than 60% complete and demonstrates Parsons is committed to getting the job done safely and effectively,” said Lou Jackson, Parsons Senior Vice President and SWPF Project Manager. “Quality inspections by the manufacturer, Parsons and DOE have ensured these tanks will serve SWPF well in safely executing the project’s important waste cleanup mission for the Department.”

The large nuclear materials processing tanks are manufactured by Precision Custom Components of York, PA, and are being shipped by barge to Hardeeville, SC, and offloaded onto tractor trailers for safe transport to SRS.

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**SR-2012-03**

***\*\*Additional photos and video footage are available at FTP:***

***<https://srns.sharefile.com/?cmd=f&id=fo876c85-a27b-44d9-80ec-4b5d708c244d>***

### **ARRIVAL AND INSTALLATION OF FIRST SWPF PROCESSING TANKS AT SRS**

**Large nuclear material processing tanks destined for installation at the Savannah River Site’s Salt Waste Processing Facility, currently under construction, began arriving May 16 in Hardeeville, SC, by sea barge for offloading and tractor trailer transport to SRS.**



**ARRIVAL AND INSTALLATION OF FIRST SWPF PROCESSING TANKS AT SRS, cont'd  
SR-2012-03**

The first of ten large nuclear material processing tanks arrives at the Savannah River Site (SRS) in mid-May for installation in the Site's Salt Waste Processing Facility, signifying a key milestone in the construction of this major cleanup facility designed to treat 33 million gallons of salt waste currently stored in 47 underground tanks at SRS.



**ARRIVAL AND INSTALLATION OF FIRST SWPF PROCESSING TANKS AT SRS, cont'd  
SR-2012-03**

A major construction milestone is met with the successful installation of six of 10 planned large processing tanks at the Savannah River Site's (SRS) Salt Waste Processing Facility (SWPF). Installation of these critical facility components advances SWPF construction, allowing for piping and facility floors to be completed and the facility roof put into place. Slated for operation in late 2015, SWPF is designed to treat 33 million gallons of salt waste currently stored in 47 underground tanks at SRS.

