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**For Immediate Release**

## Tank recycling helps preserve capabilities and save money at SRS

**AIKEN, S.C.**, (February 10, 2024) – Contractors at the Savannah River Site (SRS) recently restored and began the recertification process for six Industrial Packaging-2 (IP-2) portable tanks, helping to preserve an essential and unique capability to transport large quantities of radioactively contaminated or hazardous liquid solutions and representing a significant cost savings over procuring new tanks.

“These tanks were procured in 2003 to support disposition of Plutonium Uranium Extraction Solvent (PUREX) used at two full-scale hardened radiochemical separations facilities, called F and H Canyons,” said Cody Fee of Environmental Management Operations Programs for Savannah River Nuclear Solutions, the managing and operating contractor at SRS. “Deactivating F Canyon resulted in the creation of excess, radioactively contaminated solutions that needed to be dispositioned. The IP-2 tanks were used to transport these solutions off-site for disposal.”

After the deactivation of F Canyon, the tanks were used in other areas of the Site, until finally they were drained and left in the SRS Solid Waste Management Facility (SWMF). As part of ongoing environmental cleanup and footprint reduction efforts, it was planned for SWMF to dispose of these tanks. However, Operations employees recognized that there were potential future uses for them.

Because the tanks had been sitting empty for a number of years, inspections and examinations had to be performed to ensure the tanks had still maintained their structural integrity. The results from these examinations were positive, and the tanks are expected to be recertified in Fiscal Year 2025.

“When we began investigating the cost of procuring new tanks to perform needed activities in H Canyon, we discovered that the reuse of the IP-2 tanks was a significant cost and time savings,” said Fee. “Rather than waiting for new tanks to be custom built and delivered, we had tanks on hand that just needed to be transferred a few miles from SWMF to H Canyon and undergo recertification testing, which is required periodically regardless of the age of the tanks. Additionally, the transportation capabilities these tanks represent will be essential to carrying out both anticipated and planned future missions at SRS.”

# News from Savannah River Nuclear Solutions

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*The last IP-2 tank is delivered to a holding area at H Canyon while the tanks undergo further recertification activities and until the tanks are needed. Recycling these tanks out of another facility is a significant cost savings over having to procure new tanks.*

*Savannah River Nuclear Solutions, a Fluor and HII partnership company, is responsible for the management and operations of the Department of Energy's Savannah River Site, located near Aiken, South Carolina.*

SRNS-2024-1574