

# News from the Savannah River Site

NATIONAL NUCLEAR SECURITY ADMINISTRATION • AIKEN • SC 29808

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**FOR IMMEDIATE RELEASE**

## Savannah River Site Employees Earn NNSA Defense Programs Awards

AIKEN, S.C. (Oct. 20, 2014) – Three teams of Savannah River Site (SRS) employees received awards in recognition of their work on behalf of the National Nuclear Security Administration (NNSA).

The Defense Programs Awards of Excellence were presented by Department of Energy Under Secretary for Nuclear Security and NNSA Administrator Frank G. Klotz during his recent visit to SRS, recognizing the three teams – Automated Reservoir Management System Modernization, Electrical Heat Standards, and Tritium Universal Measurement System Development – for significant achievements in support of NNSA's Stockpile Stewardship Program.

The Automated Reservoir Management System (ARMS) Modernization Team was recognized for excellence in planning, teamwork, engineering, and project execution for their successful seven-year project to replace the reservoir management system with a new system that has significantly improved the productivity, reliability, and efficiency of the processing and handling of tritium reservoirs for NNSA's nuclear weapons program.

The Electrical Heat Standards team proposed replacing the plutonium source standards used to calibrate the Savannah River Tritium Enterprise's (SRTE's) calorimeters. This effort is an example of the close collaboration between Savannah River National Laboratory (SRNL) and Tritium Facilities personnel. The use of Electrical Heat Standards eliminates the need to manage accountable material, reduces safety concerns presented by the plutonium sources, and reduces cost.

The Tritium Universal Measurement System (TUMS) Development Team developed, built, tested, and obtained Design Authority approval of an improved calorimeter design, called TUMS, to replace calorimeters used in the Tritium Facilities. TUMS significantly reduces sample reruns, which translates into savings of approximately \$211,000 annually. TUMS is also more portable, which is better suited for future modernization efforts of the Tritium Facilities.

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The Defense Programs Awards of Excellence program was established in 1982 to recognize individuals or teams for significant achievements in quality, productivity, cost savings, safety or creativity of work performed in support of the Stockpile Stewardship Program.

*Savannah River Nuclear Solutions is a Fluor-led company whose members are Fluor Federal Services, Newport News Nuclear and Honeywell, responsible for the management and operations of the Department of Energy's Savannah River Site, including the Savannah River National Laboratory, located near Aiken, South Carolina.*

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