



Savannah River
Nuclear Solutions, LLC
A Fluor Daniel Partnership

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On hand for the presentation of the Stewardship Award were (from left) Ross Culligan, President of the Historic Aiken Foundation; Cliff Webb, Vice President, SRNS Public Affairs; Aiken Mayor Fred Cavanaugh; and Todd Lista.

Foundation recognizes SRNS, Lista for preservation of Old Aiken Post Office

The Historic Aiken Foundation presented SRNS and Aikenite Todd Lista with the Stewardship Award for their efforts in updating and preserving the Old Aiken Post Office on the corner of Laurens Street and Park Avenue. Built in 1912, the building is considered an architectural masterpiece that anchors downtown Aiken. The Stewardship Award is given in recognition of outstanding upkeep of a key historic property in Aiken. The Old Aiken Post Office now serves as SRNS' community office.

Southern Carolina Alliance

In remarks to the Southern Carolina Alliance board of directors and advisors on January 26, SRNS CEO Garry Flowers said that SRNS and the Alliance should work together to identify new missions and better prepare the community's workforce for the future.

He announced a \$10,000 SRNS contribution to set up an educational foundation through SCA to serve public schools in the four-county region of Barnwell, Allendale, Bamberg and Hampton.



In 2010, public tours of the Savannah River Site are again offered. All 23 tours for the year were filled within 48 hours. If you're interested in taking part in the tours, please check for cancellations at www5.hanford.gov/srstours.

SRNS news

SAVANNAH RIVER NUCLEAR SOLUTIONS

SRNS donates \$50,000 to USC Aiken scholarship program

On January 27, SRNS President and CEO Garry Flowers presented a \$50,000 check to USC Aiken Chancellor Dr. Tom Hallman to support the SRNS Scholars program. The program offers scholarship funds to help the university attract top, highly-recruited students and hopefully to keep them in the area to become part of the local workforce. The first SRNS Scholars were named in the fall 2009 semester.



SRNS President and CEO Garry Flowers (left) with SRNS Scholars Lauren Davis, Jessie Corbin, and Rebecca Langewicz, and USC Aiken Chancellor Tom Hallman



SRNS President and CEO Garry Flowers, (left) North Augusta 2000 Executive Director Kathy Gilliland, SRNS Vice President of Public Affairs Cliff Webb; Susie Ferrara, SRNS; and Tom Greene, North Augusta 2000 Chairman.

North Augusta 2000 Foundation receives \$25,000 from SRNS

SRNS made a \$25,000 capital contribution to the North Augusta 2000 Foundation for 2010. SRNS President and CEO Garry Flowers said, "We are pleased to support North Augusta 2000 and its activities to improve the quality of life and education in the North Augusta community. We are grateful to Tom Greene and the team's actions to develop and improve the waterfront area."

SRNS news

Savannah River Nuclear Solutions

Food Bank SRNS donated \$10,000 to the Golden Harvest Food Bank of Barnwell, which will be leveraged into \$70,000 worth of food for those in need in Barnwell, Bamberg and Allendale counties.

CSRA Lean Alliance SRS hosted a CSRA Lean Alliance benchmarking tour at SRS. The CSRA Lean Alliance is comprised of companies such as A-D Technologies, BAE Systems, EZ Go, Glaxo SmithKline, Kimberly-Clark, Pepperidge Farms, Shaw Industries, SRNS, Solvay, SC Metal Products and Trantech Radiator Products. Various leaders and Continuous Improvement practitioners from these companies as well as the SC Manufacturing Extension Partnership make up the CSRA Alliance Team. The tour raised awareness of continuous improvement principles and how they are applied here at SRNS.



The Blythewood Middle School team earned a trip to the national Future Cities competition in Washington, D.C., to compete against 39 other teams in mid-February.

Blythewood team wins Future Cities competition

SRNS and the Ruth Patrick Science and Education Center cosponsored the 18th Regional South Carolina Future City Competition, where middle school students are encouraged to consider careers in engineering by creating their own cities and developing a large tabletop model of the city. The winner of this year's competition is a team from Blythewood Middle School. SRS volunteers assisted with engineer mentoring and judging of the competition. This middle school engineering design competition is part of National Engineer's Week initiatives, which include other events such as "Introduce a Girl to Engineering" and "Teach-Ins," where SRS engineers go into middle school classrooms to discuss engineering careers.

SRNS Operations highlights safety, construction progress

The SRNS construction workforce earned an unprecedented 23¼ million hours without a lost time injury. The accomplishment stretches back 11 years and is the longest in SRS construction history. It continues to be a record for construction work in the Department of Energy complex nationwide.

At midnight on December 31, 2009, the L Area Complex reached 18 years without experiencing a work-related injury that required an employee to miss an entire shift of work. L Area is where foreign research reactor and domestic spent nuclear fuel is bundled and stored.



Last month, the Nuclear Materials Storage Project cropped, bundled and stored 30 Indonesian fuel assemblies. Workers also bundled and stored nine Taiwanese and four German fuel assemblies.

The Waste Solidification Building (WSB) construction contractor completed the assembly and inspection of the main tower crane, which will be used for the next 18 months to support the foundation pours, wall pours, major equipment installation and roof erection. The first major pour for the facility is expected in mid-February. The WSB is a \$345 million project that will process liquid waste from the Mixed Oxide facility, also located at SRS.

Area Completion Projects received the signed Early Action Record of Decision for the C, K, L and R Reactor complexes in December. Approved by the South Carolina Department of Health and Environmental Control, the Environmental Protection Agency and DOE, the document institutionalizes in-situ decommissioning as the final end-state for these reactors.



Work progresses at the SRS R Area Ash Basin. ARRA funding has allowed for accelerated cleanup activities at SRS.

American Recovery and Reinvestment Act activities continue

- SRNS awarded a contract for P and R Reactors' Gantry Crane Removal to Bierlein Field Services, Inc., and another contract for the demolition of the K Cooling Tower to American DND, Inc.
- SRNS' Area Completion Projects achieved "cold and dark" status at the Heavy Water Components Test Reactor, a former test reactor at SRS. All electrical and mechanical systems have been isolated to ensure the safety of workers as they begin the deactivation of the facility.
- SRNS began work on seismic upgrades in the H Area sand filter, which reduces the potential of contamination release following a seismic event.
- A 52-railcar shipment of depleted uranium oxide left SRS for final disposal.
- SRNS placed ARRA signs in the Augusta and Columbia airports.



SRNS assisted DOE in hosting the CNBC news team at SRS. CNBC interviewed SRS American Recovery and Reinvestment Act (ARRA) workers for a program about ARRA activities.

- SRNS supported acceleration of Aiken Technical College (ATC) radiation technician graduates from May 2010 to December 2009 by providing ATC with \$200,000 in ARRA funding. SRNS also made available a "loaned executive" to serve as the Radiation Protection Program Coordinator.

Savannah River National Laboratory

Two projects led by Savannah River National Laboratory (SRNL) are honorees in the 2009 DOE Pollution Prevention Program. "Constructed Wetlands Reduce Environmental Impacts" won "Best in Class" in the Sustainable Design/Green Buildings category and "SRS Detoxification of Outfall Water Using Natural Organic Matter" took honorable mention in the Waste Pollution Prevention category. Both projects were nominated for the DOE Pollution Prevention and White House "Closing the Circle" awards.

SRNL is part of a three-year project recently funded by the DOE Office of Science Environmental Remediation Sciences Program to improve the ability to predict the environmental behavior of plutonium.

SRNL has been selected by the DOE Packaging Certification Program to perform the independent technical review of the Energy Solutions 10-160 Cask (9204) used for DOE shipments of radioactive materials from Oak Ridge to the Nevada Test Site.