

Welcome to the April 2011 edition of the SRNS News.

I'm pleased to share with you some of our recent accomplishments and events at SRS and throughout our surrounding communities.



A message from
Garry Flowers
SRNS President and CEO

We've hosted a number of visitors during April, including Congressman Joe Wilson, SC Speaker of the House Bobby Harrell and various members of the Aiken County Legislative Delegation and the Aiken County Council. I hope you read about some of Speaker Harrell's very positive remarks about SRS' past support of our nation and how it should continue in the future. We enjoyed the opportunity to host all of our guests and were encouraged by their optimistic responses to our operations and activities.

During April, SRNS was the recipient of several awards recognizing our commitment to safety, information technology advancements and restoration of a historic landmark in downtown Aiken. But one of the most satisfying recognition ceremonies I participated in was held onsite in honor of approximately 730 SRNS construction employees. They have surpassed 25 million safe hours, or more than 12 ½ years, without a lost day of work due to injury.

We are also sharing how we have reached out to our communities to improve quality of life and education.

I hope you enjoy this month's edition of the SRNS News and thank you for your continued interest in our company.



**SRNS WINS STATE AWARD
FOR COMMITMENT
TO HISTORIC PRESERVATION**

Please see Page 5 for the story and more photos.

SRNS news

SAVANNAH RIVER NUCLEAR SOLUTIONS



Cynthia Anderson, Chief Operations Officer for the Office of Environmental Management addresses the audience during the event hosted by USC-Aiken.

USC Aiken unveils ARRA economic study

On April 26, Cynthia Anderson, Chief Operations Officer for the Office of Environmental Management, visited Aiken for the unveiling of an economic impact study on American Recovery & Reinvestment Act stimulus dollars on five South Carolina and Georgia counties adjacent to SRS. The study was conducted by the University of South Carolina School of Business Administration and composed by the O'Connell Center for Executive Development at USC Aiken in conjunction with Augusta State University and Claflin University.

More on Page 2 ▶



SC Speaker of the House attends SRNS briefing SRNL Director Dr. Terry Michalske briefs South Carolina Speaker of the House Bobby Harrell (center left) and other members of the state Legislative Delegation, during a recent visit on April 11.

USC Aiken unveils ARRA economic study

► *Continued from Page 1*

The study covered a period approximately halfway through the President's Stimulus Program from April 2009 to October 2010 and covered total SRS expenditures.

The research team used an economic input-output analysis technique and the economic impact software program – IMPLAN (IMpact Analysis for Planning), which was originally developed in 1987 by the University of Minnesota, to reach their conclusions.

As of September 30, 2010, SRS had received \$819 million from the federal government. Of that amount, \$282 million was spent within the five local counties (Aiken, Barnwell, Allendale, Columbia and Richmond), impacting regional economic activity by approximately \$525 million.

Consequently, the local labor market added approximately 4,600 preserved or newly created jobs, according to the study. These jobs represent about three percent of the local labor force. For every one job created by the stimulus funds, an additional 0.9 job was created. The research team concluded that the ARRA-funded projects have been instrumental in ensuring the economic stability of the local economy. www.usca.edu



Garry Flowers, SRNS President and CEO (above), discussed recent progress made possible by Recovery Act funding. Cynthia Anderson (below) and Sanela Porca, University of South Carolina speak together after the event.



SRNS Supports Project Management Institute

PMI-Savannah River Chapter President Eloy Saldivar recently accepted a \$5,000 check from SRNS President and CEO Garry Flowers as a 2011 corporate sponsor. The local chapter supports the ongoing development and continuing education of Project Management professionals in the CSRA. (www.pmiaugustaiken.org)

SRS IT employees win big in Vegas

Savannah River Site (SRS) Information Technology (IT) employees recently returned from the seven-day Information Management Conference (IMC) in Las Vegas, where they presented their work and accepted awards for Executive Leadership, Technical Excellence and Management/Administrative Excellence.

The 32nd annual IMC, this year's event was themed "Reforming IT and New Partnerships," a perfect fit for recent IT work done at the Site by Savannah River Nuclear Solutions and DOE SR. SRS was one out of three DOE sites to receive awards at the conference and the only site to have received an award in half of the categories.

For Executive Leadership, Lewann Belton, DOE SR CIO; Phil Cirulli, SRNS CIO and Jeanne Beard, DOE EM CIO, were recognized for their executive management through leadership collaboration. Because SRS is owned by DOE and operated by SRNS, cooperation is crucial for progress. Through Belton and Cirulli's joint efforts, they not only saved money for SRS, but also increased workplace productivity, shortened project schedules and positioned SRS to undertake new mission work with an evolving IT platform.

Cirulli said, "Working with our customers, Lewann and Jeanne, have significantly helped to achieve many of our goals for IT at SRS. Collaboration is the best way for us to get more done and faster, which is especially important in our ever-developing field."

The Technical Excellence Award was received for the Green IT Initiative, which reduced the Site's carbon footprint by decreasing IT energy consumption of the Central Computing Facility more than 30 percent by reducing space requirements for hardware and improving energy use. SRS employees receiving the award include Belton, Beard, Robert Ganaway (DOE), Joel Lowe (DOE), Ray Kearse (SRNS), Steve Collier (SRNS), Fred Stanland (SRNS) and Jeff Krohn (SRNS).

The Management and Administrative Excellence Award was received by Belton, Doug Hintze (DOE), Pavan Polur (DOE), Lance Waddell (SRNS), Regina Crolley (SRNS), Leigh Norton (SRNS) and Robert Thomas (SRNS) for their Business Modernization Project. To streamline business processes and software applications, the team modernized project controls, finance and supply chain business areas.



Phil Cirulli and Lewann Belton receive the Executive Leadership award for their work with Jeanne Beard.



Joel Lowe, Jeanne Beard, Lewann Belton and Jeff Krohn receive the Technical Excellence award for their Green IT Initiative.



Pavan Polur, Regina Crolley and Lewann Belton receive the Management and Administrative Excellence award for their Business Modernization Project.

SRNL recognized by National Safety Council

The National Safety Council awarded Savannah River National Laboratory a Safety Leadership Award, recognizing five consecutive years without an occupational injury or illness resulting in lost employee work days - a milestone reached on January 10, 2011. SRNL's performance makes it the safest DOE National Laboratory in the country, a position it has held every year since becoming a National Laboratory in 2004.



Alice Doswell



Dennis Donati

Doswell, Donati join ranks of SRNS leadership

Effective April 4, Alice Doswell joined SRNS as Vice President for Environment, Safety, Health and Quality (ESH&Q). Doswell brings a wealth of leadership and operations experience to SRNS that relate directly to her new position. During her 13 years at SRS with DOE-SR, Doswell served in numerous positions, including DOE Assistant Manager for Safety and Health Programs.

Doswell has also served as a senior program manager for BWXT Services, Inc. and, since 2007, has worked as the ESH&Q Manager for Parsons, Salt Waste Processing Facility Project.

Doswell is a graduate of Mary Baldwin College, where she holds a Bachelors of Science degree in Biology. She also holds a Masters of Science degree in Plant Sciences from Clemson University.

Also joining the SRNS executive team is Dennis Donati, serving as Vice President, National Nuclear Security Administration (NNSA) Programs. Donati will be responsible for approximately 1,500 employees who support Tritium Operations, the Waste Solidification Building construction project, and the Pit Disassembly and Conversion construction project.

Donati has spent the last 30 years of his career with Honeywell, where he held a series of strategic growth, operations and program management positions in the Defense & Space divisions. Most recently, he was the Director of Program Management, National Aeronautics and Space Administration (NASA) Business Segment in Phoenix, Arizona.

He holds a Bachelor of Science degree in chemistry from the University of Florida.



American Red Cross of Augusta volunteer Bill Cleveland (far right) is shown providing a tour of the chapter's emergency response capabilities for SRNS Executive Vice President Fred Dohse (right) and two members of the newly formed Red Cross Leadership Society.

SRNS makes contribution to Red Cross Leadership Society

The American Red Cross of Augusta has established a new auxiliary board, the "Red Cross Leadership Society," to enhance and contribute to the effectiveness of the American Red Cross of Augusta's Board of Directors. Recognizing the value of this auxiliary board, SRNS has contributed the funding necessary to finance this effort. In total, SRNS has donated \$10,000 to the American Red Cross of Augusta to support the Red Cross Leadership Society, as well as traditional Red Cross programs such as disaster relief, Armed Forces Emergency Services, health and safety services, adult volunteerism, and youth leadership development.

SRNS recognized by SC Gov. Haley for old Post Office preservation project

South Carolina Governor Nikki Haley recently presented SRNS with an award for their commitment to historic preservation for the preservation of the old post office in downtown Aiken, currently occupied by SRNS.

The Palmetto Trust for Historic Preservation, a statewide nonprofit organization that advocates for historic preservation throughout South Carolina, honored SRNS, which has leased the building since 2008, with the Corporate Stewardship Award, as well as the building's owner Todd Lista and former owner Senator Greg Ryberg.

"We're very pleased to be recognized, of all the companies in the state, for our stewardship and historic preservation. We think it is an exciting opportunity for us, and it is exciting for the community," said Clif Webb, SRNS Vice President of Public Affairs.

The old Aiken post office, located at the corner of Laurens Street and Park Avenue, was built in 1912 and served as Aiken's post office until 1971. The building was owned at different times by Ryberg and Lista, both of whom were recognized for their work to preserve the building in downtown Aiken. SRNS was credited with overseeing and completing the majority of the work when they began leasing the building, according to the organization.

At the ceremony, SRNS President and CEO Garry Flowers accepted the award on behalf of SRNS from Haley, and he shared with her the importance of the building to the local community. He told her that SRNS shares the pride that the building represents with the community, as is seen by the common reproduction of the iconic image in photographs and paintings throughout the community. The brick building has a high metal dome, decorative rail around the roof and with 16-foot ceilings inside, which displays Palladian architecture.

"The project was done so well; it was done with meticulous care and with the obvious goals of doing it correctly," said Palmetto Trust's executive director Michael Bedenbaugh. "We do the corporate stewardship award to recognize those corporations who sacrifice their mission and their bottom line to ensure historic preservation is done and is done correctly."

The Palmetto Trust partners with the office of the Governor and the South Carolina Department of Archives and Historic Preservation to present the awards each year. 📍

(www.palmettotrust.org)



SRNS President and CEO Garry Flowers accepts the Corporate Stewardship Award from Governor Nikki Haley.



The former Aiken Post Office now serves as the downtown Aiken headquarters for SRNS.





Celebrating 25 Million Safe Hours for SRNS Construction The legacy of outstanding safety at the Savannah River Site continues with the current performance of SRNS Construction forces. SRNS Construction workers recently celebrated surpassing 25 million hours without losing a day of work due to a job-related injury or illness, continuing their record setting performance which began more than 12 years ago and exceeds the previous records set by DuPont Construction in 1988. SRNS President and CEO Garry Flowers, DOE-SR Manager Dave Moody and ESH&Q Vice President Alice Doswell joined SRNS Construction workers during a special celebration held to commemorate this extremely unusual achievement.

SRNS Mini Grants program rewards innovative teaching

Teachers were in the spotlight on April 14, as SRNS announced the 117 Central Savannah River Area educators who were selected to receive funding as part of the SRNS Innovative Teaching Mini Grants Program. The winners were honored at a reception at the North Augusta Municipal Center.

The Innovative Teaching Mini Grants Program recognizes and supports innovative teaching methods by funding projects that enhance elementary and middle school science, mathematics and technology programs directly impacting students in the classroom.

A selection committee, comprised of SRS employees, reviewed 268 grant proposals submitted this year—without knowledge of the applicant or school—and selected 89 projects to collectively receive a total of \$50,000 in funding.

“We are proud to reward educators who exhibit a strong passion for helping students better understand math, science and technology through innovative teaching methods,” said Angela Martin, Program Coordinator, SRNS Mini Grants Program.

Educators from all CSRA public elementary and middle schools are eligible to apply for a Mini Grant in one of three categories: \$500, \$750 or \$1,000. SRNS is committed to supporting its education



Mini grants winners were honored at a reception at the North Augusta Municipal Center.

partners by sponsoring programs that facilitate the delivery of math, science and technology curricula, while increasing educational opportunities for students in the CSRA.

The grants are funded by SRNS' Community Investment Program, which supports such community initiatives as education, quality of life and economic development programs. 

(www.srs.gov/general/outreach/edoutrch/mini_grant.htm)

A new bus for Children's Place

Children's Place in Aiken, S.C., is a small complex of buildings where more than 100 children travel by bus each day to enjoy a safe and secure haven. It's a place where they can play without fear, work with therapists and heal after having previously endured abusive behavior.

Each weekday, the buses of Children's Place travel the highways and back roads of Aiken County to pick up and safely deliver these young ones to Children's Place, a place they like to call Grandma's House.

Without their four buses, the Children's Place pre-school and after-school care programs could not exist, and these children would not have the opportunity to slowly return to being just normal kids.

Recently, Children's Place Director Peggy Ford asked SRNS for financial assistance. Ms. Ford explained that Children's Place ended last year "in the red" and was already struggling this year. A recently purchased fourth bus cost \$624 each month, adding to the organization's financial difficulties. (Two of the other three buses owned by Children's Place have over 200,000 miles of use and frequently need repairs.)



The SRNS executive team responded by making a corporate donation of \$30,000 to fully pay off the new bus.

On April 29, the new bus—complete with giant red bow—pulled up in front of Children's Place. Out through the open doors walked Santa Claus and Bugs Bunny (provided by Security Federal Bank) to the amazement of several dozen pre-school children. SRNS President and CEO Garry Flowers then presented the keys to Gerry Owen, Chairman of the Children's Place Board of Directors. www.childrensplaceinc.org



SRNL leads Wildfire Ignition Resistant Home Design research program

Since January, more than 1,200 wildfires have occurred in the southern region of the United States. Considerable research is underway to determine how fires spread and ways to reduce or mitigate property damage from fire storms. In a research project sponsored by the Department of Homeland Security, The Savannah River National Laboratory is the program lead for the Wildfire Ignition Resistant Home Design research and the development of the Enhanced Structure Ignition Assessment Model software.

Partnering with The USDA-Forest Service, Oak Ridge National Laboratory and the Institute for Business and Home Safety, this research will ultimately provide community developers, builders, emergency professionals and homeowners the ability to build and maintain homes and communities that are resistant to wildfires. www.disastersafety.org/research (<http://srnl.doe.gov>)



Severe wind driven weather events are simulated at the IBHS Research Center in Richburg, South Carolina.



A view of the Slit Trenches 1-4 operational cover in E Area.

Low-level waste safely dispositioned under runoff cover at SRS

A \$3.5 million American Recovery and Reinvestment Act project at SRS has placed an operational stormwater runoff cover over the 625,000 square-foot area comprising E Area Low-Level Waste (LLW) Facility Slit Trench Disposal Units 1-4. The cover was installed as an interim remedial action and will enhance the protection of human health and the environment.

Typically, the slit trench disposal units are below-grade earthen disposal units that are used to dispose of low-level radioactive waste, such as construction debris, concrete from reactor demolition and clean-up from jobs involving legacy waste at SRS.

The newly installed operational stormwater runoff cover is a 30-millimeter-thick impermeable geomembrane, made of a polypropylene base material with ultraviolet protective additives. The material has a high tear and puncture value, which significantly reduces the amount of rainwater that filters through the ground, reaching the low-level waste, and thus enhancing the protection of the groundwater.

The cover was put in place in early March as an interim measure through a Recovery Act contract awarded to Panegaea-Brinkman of St. Louis, Mo.

As other slit trench disposal units become operationally filled, similar stormwater runoff covers will be put into place to enhance protection and adhere to the agreements with the regulatory agencies. Final closure of the slit trench disposal units will take place at a later date with the final closure of the entire E-Area LLW Facility.

The recent completion of the runoff cover system for Slit Trenches 1-4 is an important milestone at the E Area Low-Level Waste Facility and for the Recovery Act. 



The liner installer heat-welds a sand anchor closed. The sand anchors are installed under the liner and across the length of the slit trench to keep the liner in place and minimize the effects of wind lift.