

Questions? Contact us at 803.952.9584.

Welcome to the March 2011 edition of the SRNS News.

This month's newsletter features the many ways our employees, our company and our parent company, Fluor, touch the community and industry.

Recently, Fluor and SRNS donated \$1.5 million to the University of South Carolina for the establishment of a Hydrogen Economy Center. The center will be the cornerstone of comprehensive university-industry partnership to advance the science, technology and commercialization of clean, secure and renewable energy. For more details, please see the story on Page 4. Our company and employees also gave their time, talent and funds to support the American Heart Association Heart Walk (Page 2), Project Vision (Page 6) and the 2011 Savannah River Regional Science and Engineering Fair (Page 4).

To assist employees affected by restructuring, we opened a Worker Transition Center in downtown Aiken on March 21 (see Page 5). We have identified an encouraging number of open positions elsewhere in the DOE complex, along with other regional and local, available jobs. For employees willing to relocate, more than 2,000 jobs are available for consideration. We plan to host job fairs in April and September to further assist our former employees in finding new job prospects.

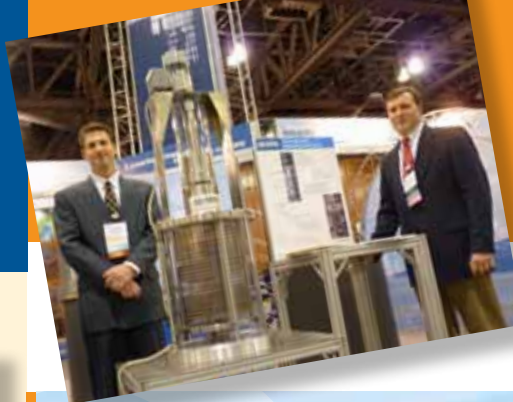
In early March, SRNS was the DOE Featured Site at the Waste Management Symposia (WMS) held in Phoenix, AZ. I participated on a panel along with Dr. Dave Moody, other SRS contractor leads and the Chairman of the SRS Citizens Advisory Board. We were also able to showcase one of our SRNL technologies as a first-time exhibitor to the conference. (See more on Page 3).

Our workforce remains focused on safety, despite the distractions of a workforce restructuring. I'm very proud of the direction we're headed.

I hope you enjoy this month's edition of the SRNS News.



A message from
Garry Flowers
SRNS President and CEO



**SRNS SHINES
AS A FEATURED SITE
AT THE WASTE MANAGEMENT
SYMPOSIA IN PHOENIX.**

Please see Page 3
for the story and more photos.

SRNS news

SAVANNAH RIVER NUCLEAR SOLUTIONS

Fluor, SRNS donate \$1.5 million to USC for Hydrogen Economy Center



USC President Harris Pastides (from left) accepts a \$1.5 million donation to the school from Fluor CEO David Seaton and SRNS President and CEO Garry Flowers.

Story on Page 4



From the SRNS heart Jim Hanna, CSRA Executive Leadership Team Chair and SRNS Vice President for Workforce Services, presents a check for \$25,000 to Bridget Walter (white shirt), SRNS Heart Walk Chair, and Valerie Bridges of the American Heart Association. Among the many others on the SRNS Heart Walk team were (far left) Susie Ferrara and (far right) Teresa Haas, both of SRNS Public Affairs. (Story and more photos on Page 2.)

Heart Walk 2♥11

SRNS employees
'walk the walk'
for Heart Association

Approximately 1,800 walkers, including a large number of SRS employees, their friends and families, walked nearly four miles to complete this year's "Start! CSRA Heart Walk" fund-raiser campaign, raising more than \$260,000.

"Though some donations are still outstanding, to date, we've estimated that SRS employees have generously donated well over \$100,000," said Jim Hanna, Chairman of the 2011 Start! CSRA Heart Walk campaign. "As one of the largest fundraising walks in the country, it is vital to our overall success to have a strong showing from SRS employees to champion this effort."

Hanna, Vice President of Workforce Services for SRNS, led an 18-member Executive Leadership Team consisting of employees from major companies located throughout the Augusta-Aiken area. These volunteers fostered participation and support for the walk within the various business communities affected by this event.



Scenes from the Heart Walk

(clockwise from top) Stretching exercises get the walkers warmed up; SRNS Executive Vice President Fred Dohse leads the way through the balloon arches; walkers fill the path at the Greenway; SRNS employees Ken Boucher (left) and Robert Weatherby "walk the walk."

SRNS shines as featured site at 2011 Waste Management Symposia

For many years, the annual Waste Management Symposia Conference in Phoenix, Ariz., has been a key place for SRS personnel to present their work. The tradition continued in 2011 with representatives of SRNS and SRNL participating in approximately 25 percent of the sessions during the week. They presented papers and posters about efforts at the Site, with subject matter ranging from decommissioning nuclear facilities, to environmental sustainability, to information technology.

As the featured DOE site, SRS was the focus of a panel session showcasing recent accomplishments and progress. The session was co-chaired by DOE-SR Operations Office Manager Dave Moody and the former Acting Manager Jack Craig and included SRNS President and CEO Garry Flowers and SRNL Director Terry Michalske as panelists.

SRNS also participated in the event by becoming a first-time exhibitor and gold sponsor. SRNL's Rotary Microfilter model (photo below) was a featured attraction at the exhibit.

WM2011 attracted nearly 200 exhibitors and 2,300 attendees from all over the world to share their knowledge about waste management and to grow business relationships. SRNS and SRNL attendees returned with information from others' presentations and booths, ideas of how to incorporate new techniques and devices and contacts that could be valuable in future endeavors.



SRNS recognized for UW support at annual meeting

SRNS was recently honored at the United Way of Aiken County annual meeting and awards dinner for participation and support of the United Way's 2010 "United, We Make a Difference" campaign.

SRNS was recognized for its participation in the Loaned Professionals program and for "Highest Employee Achievement Award" (along with SRR) for raising the most money during the employee campaign. SRNS was also awarded the "Highest Corporate Contribution Award" for a contribution of \$109,741.

A conservative goal of approximately \$2.5 million was set in 2010, and in conjunction with other companies and individuals, SRNS was able to surpass the goal by about \$250,000.



SRNS and the Bee "Cryptic" was the word, and Jusuf Jenkins of Allendale-Fairfax Middle School was the winner of the Allendale Sun Spelling Bee, held March 19 and co-sponsored by SRNS. First prize was a laptop computer, presented by Susie Ferrara of SRNS Public Affairs. Brelton Loadholt, Fairfax Elementary, took second place, and Corbin Seigler, Macedonia Elementary, placed third.

Fluor, SRNS help establish Hydrogen Economy Center at USC

\$1.5 million donation to create endowed research chairs in University engineering and business schools

On March 1, the Fluor Corporation, in conjunction with Savannah River Nuclear Solutions (a Fluor-led partnership) presented a \$1.5 million contribution to the University of South Carolina (USC) to help with the establishment of the Center of Economic Excellence for the Hydrogen Economy.

The Fluor/SRNS joint donation will be used to establish two endowed chairs for top researchers: a Discovery Chair in USC's College of Engineering and Computing and an Innovation Chair in the Darla Moore School of Business. It will also create a formal relationship between USC and the Savannah River National Laboratory (SRNL), similar to partnerships that other DOE National Laboratories have established with tier-one public research universities.

"SRNS is extremely pleased to partner with our parent company, Fluor, and the University of South Carolina to create an endowment that will advance the business viability, route to commercial and market acceptance of technologies based on research and development with the Department of Energy," said Garry Flowers, SRNS President and CEO. "The University's Darla Moore School of Business is a tremendous global asset and their perspectives and participation offer great promise to our companies."

An official ceremony to celebrate the announcement was held on the USC campus in Columbia, SC. Fluor CEO David Seaton and Mr. Flowers made a formal check presentation to the USC's President,

Dr. Harris Pastides. The group noted that the center will be the cornerstone of a comprehensive university-industry partnership among USC, Fluor and SRNS to advance the science, technology and commercialization of clean, secure, renewable energy and related infrastructure.

"This is an exciting research and development agreement for SRNL, USC and for our companies," said Dr. Terry Michalske, Director of Savannah River National Laboratory. "We are very pleased to forge this important relationship with the University, its College of Engineering and Computing along with the important global perspectives of the Darla Moore School, to provide a superb platform for advancing important technologies at our national laboratory."

In accepting the Fluor/SRNS contribution, Dr. Pastides said, "Current global events are a stark reminder of the critical need for energy independence. However, that independence can only be achieved by bringing together the best and the brightest minds in industry and research through public-private partnerships. This gift today, along with the state funds through the Centers of Economic Excellence program, will help achieve this critical national objective."

Fluor is contributing \$1.25 million and SRNS will add \$250,000. The State of South Carolina will provide matching funds as part of its Centers of Economic Excellence matching program.



Transition Center to assist displaced workers

SRNS, in partnership with the Lower Savannah Council of Governments and the Georgia Department of Labor, has established a Worker Transition Center to assist recently displaced workers in finding employment.

Located at 237 Park Ave. SW in Aiken, the center will provide assistance in resume writing, financial counseling, interview workshops and electronic job searches. Outside employers will also conduct open houses to present job opportunities at their companies.

The center includes a computer room with six work stations for resume writing and job searches; six interview rooms for use by hiring companies; a conference room for use in seminars and workshops; a reception area; and four offices for conducting individual needs assessments.

There is also dedicated workspace for the employment agencies for additional unemployment financial and benefits assistance.

The Transition Center will be open Monday through Friday from 7:30 a.m. to 4:30 p.m. Trained staff will be on hand at all times to provide assistance.



Bob Rhoden demonstrates one of the six work stations for Jim Hanna, Vice President for SRNS Workforce Services.

SRNS co-sponsors 2011 Science and Engineering Fair competition

With the support of the U.S. Department of Energy and SRNS, the Savannah River Regional Science and Engineering Fair competition took place Saturday, March 12, at the University of South Carolina Aiken (USCA), Business and Education Building Student Activity Center. SRNS coordinated the competition for schools from 20 counties located throughout the Central Savannah River Area. Over 300 students qualified for this event. Co-sponsors include USCA and the Savannah River Ecology Laboratory. The Best in Show winner, Rebecca Caughman, Batesburg-Leesville High School, won an expenses-paid trip to compete in the INTEL International Science and Engineering Fair in Los Angeles, California, May 8-13, 2011.



Rebecca Caughman



SRNS President and CEO Garry Flowers (photo above) greets Vicki Bukovitz, Executive Director of ACTS, while SRNS Executive Vice President Fred Dohse checks on the playground at Children's Place.



Project Vision

A day of work touches many lives

Dozens of SRS employees painted and raked, hammered and nailed to do their part during this year's Project Vision "Day of Caring," held March 25. Several United Way agencies and the homes of needy Aiken County residents benefited from this tradition of SRS employees volunteering for an annual day of community service. Project Vision work sites included Area Churches Together Serving (ACTS), Nurture Home, Helping Hands, Inc., Children's Place and the Cumbee Center. Project Vision is a function of the United Way of Aiken County.



(Photos from left) Peggy Neill, wife of Charlie Neill of SRNL; Helen Jefferson (left) and Teresa Felder (both SRNS); Marie Frazer (SRNS); and Greg Tindal (SRNL) (right) all donated their time and talent to the cause.



SRS Recovery Act Program reaches \$1 billion mark



Investment accelerates cleanup and supports jobs, training and local economy

In 22 short months, the Savannah River Site (SRS) has spent \$1 billion in American Recovery and Reinvestment Act funds to accelerate environmental cleanup of the remaining Cold War legacy, while supporting jobs, training and small businesses in our region. This funding milestone has resulted in 122 square miles of actual footprint reduction at SRS, which means the Site is more than 50 percent of the way to achieving its goal of reducing the total footprint by 75 percent or 233 square miles.

“Allocating and managing \$1 billion in Recovery Act spending has been a huge responsibility, and it’s one that SRS has treated with diligence and transparency for the good of the nation,” said Dr. David Moody, manager, U.S. DOE-Savannah River. “Advanced planning, regulatory and stakeholder support, talented contractors and a dedicated workforce are the keys to the success of this important and historic cleanup project.”

“These key projects and the subcontracts we’ve awarded bring SRS closer to a 75-percent footprint reduction, an achievement that will free land for possible reuse benefiting the local area,” said Garry Flowers, SRNS president and chief executive officer. “While we have reached this \$1 billion milestone, we continue striving on the remaining projects that comprise the \$1.6 billion Recovery Act projects at SRS.”

SRNS Recovery Act highlights

- The SRS legacy transuranic (TRU) waste program, managed by SRNS, has processed more than 2,000 of its 5,000 cubic meters of legacy TRU waste. Twenty percent of the inventory has been shipped offsite to the Waste Isolation Pilot Plant near Carlsbad, N.M., and more than 50 percent of the original inventory has been repackaged and remediated. This program accounts for \$175 million of the \$1 billion in Recovery Act payments SRS has made thus far.
- P and R Reactors, which for more than a half a century have represented SRS’s vital role in the nation’s defense, are 80 percent of the way toward completing in-situ decommissioning with Recovery Act payments of \$52.7 million and \$45.5 million, respectively. *(Pictured above: Demolition activity at R Reactor)*

SRS received \$1.6 billion in Recovery Act funds from the \$6 billion that was invested in DOE EM’s cleanup program. All Recovery Act Projects at SRS will be completed by this September, with the exception of the Site’s legacy TRU waste program, which will ship the last of its 5,000-cubic meter inventory by December 2012, six years ahead of schedule.

SRS landmark test reactor now empty of equipment and filled with grout

Thanks to investments from the American Recovery and Reinvestment Act, the next phase has been completed on decommissioning the Heavy Water Components Test Reactor (HWCTR) at SRS. With the reactor building empty of its two steam generators and the reactor vessel, the below-grade portion of HWCTR has been filled with approximately 5,000 cubic yards of grout to prevent contaminants from reaching the groundwater.

"The HWCTR project is a good example of the many Recovery Act projects that are contributing to the 75-percent footprint reduction strategy for SRS," said Candice Freeman, deputy federal projects director U.S. DOE-Savannah River. "Great care and careful planning have ensured the safe decommissioning of this piece of SRS history."

On Feb. 1, SRNS used a 660-ton crane to remove HWCTR's 174,000-pound dome. The crane also lifted out two 41,600-pound steam generators and the 220,000-pound reactor vessel, while a smaller crane rotated the equipment to a horizontal plane before easing the massive pieces to the ground. The generators and the reactor vessel were moved to the Site's burial ground in E Area for disposal.

Now that the reactor building is filled with grout below grade and the metal shell demolition is complete, a concrete cover will be placed over the reactor's footprint, officially marking the end of HWCTR's decommissioning. Completion of the \$25 million Recovery Act project is expected by the end of August 2011.

The test reactor has been a part of the U.S. Department of Energy's landscape at SRS since 1959. HWCTR's mission was to test experimental fuel assemblies for commercial heavy-water power reactors. In 1964, the U.S. government decided to pursue other reactor designs for commercial electrical power generation, and HWCTR became an inactive reactor.

"This important Recovery Act project allowed for the safe disposition of HWCTR's key equipment," said Paul Hunt, Vice President of the Recovery Act Portfolio for SRNS. "HWCTR has always had an important presence onsite; its decommissioning is no less significant."



(Above) SRS removes one of the two 41,600-pound steam generators that were designed to cool HWCTR. (Below) The generator is leveled horizontally after coming out of the top of the reactor building. The generators will be transported to the Site's burial ground for disposal.



SRNS receives S.C. Manufacturers Alliance 2010 Plant Safety Award

The South Carolina Manufacturers Alliance awarded SRNS its 2010 Plant Safety Award for excellent injury rate performance, recognizing the fact that its operations and construction rates for lost and restricted workday cases was far less than the industry average.

A restricted workday case occurs when an employee has an injury or illness that results in restricted work time.



Katherine Sargent (left) and Barbara Guenveur (right) receive the South Carolina Manufacturers Alliance Plant Safety Awards for SRNS Operations and Construction from Catherine Templeton (center), Director of the S.C. Department of Labor, Licensing and Regulation at a ceremony in Columbia.



Supporting Salkehatchie Arts SRNS Vice President of Public Affairs Clif Webb (center) recently presented a \$5,000 corporate check to Frank Young, President of the Salkehatchie Arts Board. SRNS's contribution will go towards purchasing a new sound system for the performing arts theater. Anne Rice, Executive Director, USC Salkehatchie Leadership Institute, was also present.



South African Tour A group of officials from the Republic of South Africa recently visited facilities at the Savannah River Site including the Defense Waste Processing Facility, L Area used fuel storage facility and the Mixed Oxide Fuel Fabrication Facility. The South African delegation, who are involved in nuclear initiatives within their country, was primarily interested in SRS practices for management of fissile materials, nuclear waste management and Site efforts to educate and develop new employees for the U.S. nuclear industry.