

CNTAware

Inside this issue:

SCE&G	2
Mission, Vision, Value	3
Essay Contest Winners	4
Speakers & SSNI	5
Centerra-SRS	6
SRNS/SREL	7
SWPF	8
SRNL	9
SRR	10-11
SRSCRO	12
Upcoming Events	13
Sponsors	14-15
Membership Forms	16



2016 Golf Tournament Review

CNTA hosted their 14th annual golf tournament on May 6 at Houndslake Country Club. Twenty nine teams played in the tournament.

Winners were as follows:

- 1st Gross** – BWXT: Bill Fox, Van Mauney; Roland Jean, Dan Skiff.
- 1st Net** - CB&I AREVA MOX Services: Mike Zustra, Rodney Whitley, Shane Steele, Kirk Saunders.
- 2nd Net** – Security Federal Bank: Patrick Gardenhire, David Williams, Nelson Curry, Eric Holmes.
- 3rd Net** – Centerra-SRS: Mark Moon, Todd Hatfield, Jim Williams, Jim Horsley.
- Closest to the Pin:** Kevin Cross—SRNS Tritium.; three other winners—names unknown at press time.

Main event sponsors were:

- BWXT** (tournament sponsor)
- Savannah River Nuclear Solutions** (lunch sponsor)
- Stoller Newport News Nuclear** (beverage sponsor)
- CB&I AREVA MOX Services** (prize sponsor).



Hole sponsors were:

- Atkins**
- Bechtel**
- Centerra-SRS**
- Economic Development Partnership**
- Longenecker & Associates**
- Trophies Unlimited**
- Workout Anytime**

The tournament would not have been a success if not for our volunteers: Erna Arkin, Josh Booth, Byron Bush, Kim Cauthen, Eddie Estochen, Dave Fauth, Lyddie Hansen, Frank Heckendorn, Joyce Hopperton, Mike Johnson, Mindy Mets, Kristine Nyberg, John Paveglio, Joy Price, Kim Saxon, Tracey Sillito, Len Sjostrom, Nancy Sjostrom, Owen Stevens, Brad Swanson, Patti Swanson, and Clint Wolfe. Please accept our apologies if we missed anyone.

1ST, 2ND, 3RD PLACE WINNERS



1st Place Gross



1st Place Net



2nd Place Net



3rd Place Net

SCE&G Makes Progress Toward a Clean, Reliable Energy Future—submitted article

Electricity is nearly as important to quality of life as having clean air to breathe. South Carolina Electric & Gas Company wants to ensure everyone who lives and works in South Carolina—including their children and grandchildren—have reliable power for decades to come and cleaner air to breathe. That's why SCE&G is building two new nuclear-powered electric generating units at V.C. Summer Nuclear Station in Fairfield County, S.C. The new units are scheduled to be complete in 2019 and 2020 respectively.

When V.C. Summer Units 2 and 3 are operating, SCE&G's generation portfolio will be very balanced: about 30 percent nuclear, 30 percent natural gas and 30 percent scrubbed coal, with the balance in hydro, solar and biomass. This will give SCE&G the flexibility to take advantage of whatever generation option makes economic sense for customers at any given time, and it helps ensure compliance with stringent environmental standards. In fact, when the two new units are operating, more than 60 percent of SCE&G's generation will be non-emitting.

Progress continues with approximately 3,700 Westinghouse and Fluor personnel and subcontractors on site daily. Additionally, SCE&G is expected to employ about 800 fulltime personnel when the new units are operational, and hiring is well under way.



Construction progresses at SCE&G's V.C. Summer Nuclear Stations, where two new Westinghouse AP1000s are being built, as seen in this aerial photo taken in June 2016.



In February 2016, all six sections of the third course of shield building panels were set in the V.C. Summer Unit 2 Nuclear Island. Weighing approximately 30,000 pounds and spanning 40 feet long, each panel is welded together, and then concrete is poured inside the panels to create the shield building. When complete, this reinforced concrete structure will surround the containment vessel for another layer of safety.



Nuclear Regulatory Commission Chairman Stephen Burns visited the V.C. Summer Units 2 and 3 construction site in March 2016. As the head of the federal agency that independently oversees nuclear reactor safety in the U.S., Burns and his staff of regulators are committed to protecting the safety of the public and the environment. Four NRC resident inspectors currently are assigned to V.C. Summer Units 2 and 3. Chairman Burns spoke to SCE&G's Chief Nuclear Office Jeff Archie as they walked around Units 2 and 3 for a close-up look of work under way.

In April 2016, SCE&G and its partners placed the first containment vessel ring for the V.C. Summer Unit 3 nuclear plant. Using one of the largest cranes in the world, workers placed the ring on top of the Unit 3 containment vessel bottom head. Two remaining rings and the top head will follow to complete the robust containment vessel, which will house the reactor vessel. All containment vessel rings are fabricated with multiple levels of steel plates. The completed structure will weigh about 4,000 tons and stand more than 200 feet, with a 130 foot-diameter.



A Word from our Executive Director

CNTA Mission, Vision, Values

Upon arrival as Executive Director, I began a comprehensive review of the organization, including membership, mission, programs, and finances. A few issues were immediately apparent:

- Our membership base was not large enough to support the volunteers needed for all our programs.
- Our finances would have to improve, or our existence as an organization was limited.
- Our Mission statement did not accurately reflect what we were doing.

As you would guess, all these issues were inter-related, and addressing them would require holistic, though separate, approaches. I requested that Fitz Trumble re-constitute his Membership Committee, and we supplemented the committee with additional talent whom were known to have been active in CNTA programs and events. Before the Membership Committee got to their work of increasing membership, however, I asked that they look at our Mission Statement versus what we were really doing, to include what other organizations may be doing.

After several months of research and lively discussions, the Committee decided that CNTA needed to clearly and simply state Why we exist, Where we want to go as an organization, and What value we offer to the public and our members. With this new Mission/Vision/Value statement, the Committee felt that the CNTA approach to address all the issues I had determined could be strategically linked. I agreed and fully supported their approach. This is their output:

Mission:

CNTA serves to educate the public by providing objective information on the value of nuclear technology with respect to our health, economy, environment and national security.

Vision:

CNTA will become the recognized avenue for the collective engagement of its members in increasing the awareness and support of nuclear technology and its benefits to the public.

Value:

Through inclusiveness and engagement, the CNTA organization and its volunteers create an influential and credible voice to provide the public with factual, objective information on nuclear subjects. CNTA also provides for leadership/mentoring opportunities for its members' personal and professional growth.

The Mission/Vision/Value Statement was approved by both the Executive Committee and the Board.

CNTA has begun putting this statement into action, and I believe that many of the positive outcomes I have seen in membership, finances, and programs are a direct result of this coordinated and strategic approach. Many thanks to Fitz and his Committee for their hard work to make this Statement come to life. I hope that all of you will consider the Statement carefully and think about how you fit in to its tenets. I'd welcome a discussion about it, as I'm sure would Fitz. Please don't hesitate to contact me.



High School Essay Contest Winners

The 2016 high school essay contest had 16 entries with four winners receiving recognition. Students chose from three topics: 1) “Discuss the impact of political processes on nuclear technology”; 2) “Discuss the effects of nuclear power plant closures either nationally or internationally. How do these closures affect the stability of the electric grid, the economy of the surrounding areas, and the effect on greenhouse gas emissions?”; 3) “Green versus Clean” - discuss the relative merits of fracking vs. nuclear to the environment and the economy.

Each winner received a \$1,000 award while each of their schools received a \$500 award. Thank you to the essay evaluation committee for their support in grading the essay. A special thank you to our three sponsors for their monetary donations toward the essay contest. CNTA was the fourth sponsor.

Winning essays can be read on the CNTA website, www.c-n-t-a.com; Events, High School Essay Contest.

Congratulations to our Winners!!

REID DEMASS

AIKEN HIGH SCHOOL—Senior

“It’s Time We Come Together”

Impact of Political Processes on Nuclear Technology



JOSH YATES

SILVER BLUFF HIGH SCHOOL—Senior

“The Nexus of Politics and Nuclear Technology”



DEVIN FULMER-KEY

BREEZY HILL HOMESCHOOL ACADEMY—Senior

“The Better Road: Hydraulic Fracturing vs. Nuclear Power”



REAGAN GLOVER

NORTH AUGUSTA HIGH SCHOOL—Senior

“Nuclear—A Greener, Cleaner Solution”



2016

Up & Atom Breakfast Speakers



April 26, 2016

Matt Moury

Associate Under Secretary for Environment, Health,
Safety & Security

“An Overview of DOE Environment, Health, Safety & Security
Programs”



June 29, 2016

Carl (Van) Maoney

BWXT—Vice President
Energy & Environment Programs

“Nuclear Leadership: Sustaining Nuclear Operations Excellence for
60 Years”

Southeast Summer Nuclear Institute (SSNI 2016) - CNTA Communications Committee

Twenty-nine teachers and guidance counselors saw nuclear technology in action during the Southeastern Summer Nuclear Institute (SSNI) held June 15-17. They came from as far away as Acworth, GA, and Greenville, SC, to spend three days out of their summer vacation to learn more about nuclear energy and technology.

The Institute included a tour of the Vogtle nuclear energy facility in Burke County, GA, with a control room visit, simulator exercises, and meetings with nuclear power reactor personnel. The participants were most impressed with the modernized control room that will be used to operate the two new reactors that are currently under construction and the enhanced safety features that are included in the reactor design.



The educators also toured the Savannah River Site (SRS) near Aiken, SC, including radioactive waste management facilities and the broad range of research and development activities conducted by the Savannah River National Laboratory. Of particular interest were the complex facilities and equipment used to prepare the high level waste currently stored in large under-ground waste tanks for safe disposal on the SRS and ultimately in a federal repository. In addition, SSNI included a visit to Augusta University for an overview of nuclear medicine facilities and procedures. A highlight of each tour was discussion of career opportunities and the need for a strong background in Science, Technology, Engineering,

and Mathematics (STEM).

Evening sessions enabled teachers to share their experiences in motivating students to higher levels of achievement. They also included a panel discussion of local educational opportunities led by Mindy Mets, the Nuclear Workforce Initiative Program Manager for the Savannah River Site Community Reuse Organization (SRSCRO) and a challenging presentation by Captain Kevin Byrne, Commanding Officer, Naval Nuclear Power Training Command, on the Navy Nuclear Power School.



The Institute included a series of workshop sessions over the three days to emphasize atomic and nuclear fundamentals, power generation fundamentals, nuclear technology applications, risk (real vs. perceived), and nuclear workforce opportunities with hands-on activities to illustrate important technical concepts and scientific principles. Lodging (if needed) and meals were provided at USCA along with free educational resources and teacher guides for classroom presentations. In addition, each participant received 2 \$25 gift cards to help cover travel expenses.

SSNI is led by Citizens for Nuclear Technology Awareness (CNTA), a local non-profit organization whose mission is to provide education and information on nuclear subjects for the public. Other sponsors include the American Nuclear Society – Savannah River and Columbia, AREVA, Atkins, Georgia Power Co. /Plant Vogtle, SCE&G, SRSCRO, SUNRISE Universities, USC Aiken, and the Aiken Rotary.

Security Contractor Receives High Marks—

Obtained from the Aiken Standard

Centerra-SRS, security contractor at the U.S. Department of Energy's Savannah River Site, earned a performance rating of 95 of a possible 100 for the most recent evaluation period, Oct. 1, 2015 through March 31, 2016.

"Centerra-SRS personnel demonstrated an exceptional level of performance this period, meeting or exceeding most of the performance goals and objectives and supporting the Site's security posture at various SRS operating facilities," Jack Craig, Savannah River Site manager, wrote in the award letter.

Mark Bolton, Centerra's senior vice president and general manager at SRS, thanked employees for their commitment and attention to detail that continued to ensure safe, secure operations at the site.

"Once again, our employees have demonstrated their commitment to excellence," Bolton said. "We have a great team that works hard every day to conduct our security mission effectively in a safe manner, and in accordance with established standards and processes. We appreciate the confidence placed in our team by the Department of Energy, but our goal is continuous improvement. As such, we will enhance performance where needed to ensure continued protection of SRS security interests."

Key achievements and accomplishments were noted in the performance areas of Protective Force Operations and Training; Management and Support; Environment, Safety, Health and Quality Assurance; and Cost Control.

Craig cited the response to several security incidents during the period, stating that the Protective Force responded extremely well, initiated appropriate response plan activities and demonstrated exceptional command and control.

"Centerra's demonstrated proficiency in each security incident affirms their commitment to provide a well-trained, highly motivated protective force capable of reliably executing their routine and emergency duties in accordance with DOE directives and site-specific security requirements to ensure the overall safety and security of SRS," the letter said.

The report also noted several accomplishments by the Centerra law enforcement department and canine section, for support provided to the site security mission, as well as assistance to local law enforcement agencies and the S.C. State Law Enforcement Division. This support included explosive detection searches at local schools and venues used by presidential candidates for speaking engagements.

In addition, Centerra was commended for exceptional protection of special security interests stored in SRS critical facilities, thus ensuring effective and efficient protection strategies that adhere to approved security plans, support site operations and missions, and demonstrate mission preparedness and readiness.

The letter also noted the performance of the Centerra aviation operations department. That department maintained a high level of proficiency and operational readiness through training, as well as maintenance and safety, in operating the two security helicopters at the site, according to the letter.

The Centerra environment, safety, health and quality assurance department continued to ensure integrated safety management system adherence as a part of all work performed by the company, ensuring a focus and commitment to safety in all operations.

The work of the Centerra training division also was noted, specifically the focused area specific training program that enhances the capabilities, knowledge, skills and readiness of protective force personnel at the site.

"The Centerra-SRS achievements and accomplishments during this rating period demonstrate overall solid practices in protection of SRS national security interests and resources," Craig wrote.



As a result of its evaluation and per its contract with DOE, Centerra-SRS was awarded about \$2.8 million of the nearly \$3 million potentially available for the evaluation period.

SRNS Recognized as Palmetto Shining Star

Obtained from the Aiken Standard

The Savannah River Site's management and operations contractor, Savannah River Nuclear Solutions (SRNS), has been selected by the South Carolina Department of Labor, Licensing and Regulation (SCDLLR) to receive the Palmetto Shining Star Award at an awards banquet on June 30 in Columbia.

"It is heartwarming to receive validation from safety-minded organizations in our state who value SRNS' strong commitment to safety. Integrity is a critical attribute of a strong safety culture and SRNS employees walk the talk each-and-every day," said Kliss McNeel, Senior Vice President, SRNS Environmental Stewardship, Safety and Health.

SRNS has been selected as a recipient of the Palmetto Shining Star Award for working one million, or more, safe work hours without a lost time injury or illness in 2015; as well as, having a robust commitment to safety across the company and in the community.

SRNS is one of 18 South Carolina-based companies to receive the Palmetto Shining Star Award, which recognizes safety performance excellence and is open to all SC employers. This is the seventh consecutive year that SRNS has received recognition from SCDLLR.

The SCDLLR's mission is to promote the health, safety and economic well-being of the public through regulation, licensing, enforcement, training and education.



Savannah River Ecology Laboratory's REU Program Provides Unique Training for Undergraduates

The University of Georgia's Savannah River Ecology Laboratory welcomed 13 undergraduate students to its 2016 cohort this summer to investigate environmental conditions on the U.S. Department of Energy's Savannah River Site. The students are studying the fate, transport, and effects of radionuclides in the environment.

The students in the 2016 cohort are Sarah Abercrombie, Purdue University; Jill Banach, University of Massachusetts Amherst; Marty Brown, University of South Carolina Upstate; Sheldon Davis, Clemson University; Christian Dicks, Claflin University; Emily Edwards, University of Georgia; Christina Fulghum, University of South Carolina Aiken; Michaela Lambert, University of Kentucky; Brooke Lindell, College of Charleston; Nia Peak, Claflin University; Amelia Russell, University of South Carolina Upstate; Deonte Burston, Fort Valley State University; and Awma Rana, Florida International University.

SREL's 10-week summer undergraduate program is a National Science Foundation funded Research Experience for Undergraduates in radioecology. This is the second year of the program.

Dr. Olin E. Rhodes, Jr., director of SREL, said it is a significant feat that an NSF-funded REU program has been reestablished at SREL. "It is particularly noteworthy that SREL's program is the first and only one in the world to provide this type of experiential training in radioecology at the undergraduate level," said Rhodes. "As an organization that is recognized both nationally and internationally for its expertise and excellence in the field of radioecology, SREL must take a leadership role in developing the next generation of radio-ecologists and will continue to provide experiential training at both the undergraduate and graduate levels as long as it has the resources to do so."

The program gives participants the opportunity to design and execute experiments from hypothesis to analysis, under the mentorship of faculty and research staff from SREL, the University of South Carolina Aiken, and the University of South Carolina Upstate.



This summer's diverse research projects include, the effect of heavy metals and ionizing radiation on the presence of antibiotic resistance in streams, assessing the movement of radionuclides through ecosystems and trophic levels, and determining how the reductive capacity of saltstone inhibits Technetium from leaching.

Many of the students will have the opportunity to present research at regional and national conferences or utilize their findings to enhance thesis projects at their home institutions.

The current grant will continue through the summer of 2017. The SREL hopes to renew the grant and continue the REU in radioecology program for undergraduates.

SWPF—Construction Complete

Obtained from the Aiken Standard

The U.S. Department of Energy celebrated a milestone Tuesday with a ribbon-cutting ceremony, officially marking construction of the Salt Waste Processing Facility, or SWPF, complete.

Parsons, the Energy Department's contractor handling the SWPF project, declared construction complete in April and the DOE validated that status last month. Parsons was awarded the initial contract and design work began in 2002. Construction on the facility got underway in 2009.

Since then, 27 miles of piping, 91,000 tons of concrete and 5,000 tons of steel rebar were installed by engineers and other experts to create a facility with a 9.4 million gallon per year capability.

According to Tom Burns, SWPF deputy project manager and Parsons vice president, the construction phase ended eight months ahead of schedule and \$60 million under budget.

Dr. Monica Regalbuto, assistant secretary for Environmental Management, said the new facility increases the liquid waste processing on site tenfold and will reduce Defense Waste Processing, or DWPF, canisters.

The DWPF handles liquid waste generated from site nuclear activities during the Cold War through a process called vitrification. The material is melted into a glass form, placed into a canister and deposited into underground storage tubes.

"Construction completion takes us one step further to protect the workers, communities, and the environment," Regalbuto said.

Now that construction is complete, the project enters an operations testing phase.

Savannah River Site manager Jack Craig said the testing phase is expected to last about 30 months. After operational testing has been completed and validated, Parsons will run operations for a year, according to the current contract.

The project will then continue to be a part of the liquid waste management project at SRS, currently handled by Savannah River Remediation.

Regalbuto said, "I am strongly attached to this project."

Early in her career, Regalbuto worked on research, along with a number of other scientists, that laid the groundwork for the SWPF processes. She said it is rare to be a researcher into innovation that you get to see become operational in your lifetime.

Tony Leketa, Parsons executive vice president, said the company has been providing support to the Energy Department since 1948 and praised the SWPF construction team, "We asked for the best and they gave us the best," he said.

He called the facility top-notch and said it will allow the DOE to accelerate progress in its environmental management program. He specifically recognized project construction manager Chuck Swain, who was one of several key players in SWPF construction to garner awards from Parsons.

Swain credited his team and the workers. He said, "I've said it before and I'll say it again. You don't do it without great people around you, and I had the best."

During a tour of the facility, Burns explained some of the processes and procedures for different areas within the facility. One of those areas is a laboratory, complete with several sections of glove boxes.

Glove boxes are protective pieces of equipment that allow researchers and handlers to reach inside of a sealed box with nuclear material inside, while remaining safely on the other side and isolated from exposure by attached gloves. They are less like their namesake found in a car but more closely resemble a neonatal incubator.

Regalbuto said, "The new analytical lab inside of SWPF will allow us to take lessons learned from operations for use at other sites, like Hanford."

The SWPF is expected to be finished with operational testing, commissioned and put into full operations in December 2018.



Carol Jantzen wins Governor's Award for Excellence in Scientific Research—Obtained from Aiken Standard

An Aiken scientist was honored with a prestigious award earlier this year when the South Carolina Academy of Science named the recipients of this year's Governor's Award for Excellence in Scientific Research.

Carol Jantzen is a materials scientist and geochemist at the Savannah River National Laboratory, or SRNL. Her work created the process models used to run the Defense Waste Processing Facility, or DWPF, which is the nation's only operational vitrification facility for high-level waste. Vitrification is the process where high-level, radioactive liquid waste is locked into a glass mold for long-term disposal. DWPF opened for testing in 1994 and began full operations in 1996. During the two years of operations testing with nonradioactive material, Jantzen's models were tested to ensure the process was refined and remained successful. She said they would fill canisters with the glass mixture and later cut them open to run tests.

Of the award, Jantzen said, "I think it represents a lot of fine science I've accomplished over the last 35 to 40 years."

Jantzen studied geochemistry and then earned a PhD in material science and engineering. She says she's most proud of being able to combine both of her educational areas of expertise to develop the processes.

There are several critical areas of consideration during the DWPF vitrification process, specifically viscosity, or flow, crystallization and durability. If the material doesn't flow right, it could ruin either the melter or the canister. Likewise, if the glass is too brittle or crystallized, it is vulnerable and could present hazards during disposal.

Jantzen is a member of the American Standards & Testing Materials organization, and her work has contributed to standards used around the world for the nuclear industry and high-level waste geologic repositories.

In a press release, SRNL Deputy Laboratory Director Sharon Marra said, "This award speaks directly to the quality of work that Dr. Jantzen performs. She's a researcher dedicated to innovation and new opportunity. Her work at DWPF is just one example of how her research has made a significant impact."

Jantzen is continuing her work and research to prepare the DWPF for new material that will come from the newly built Salt Waste Processing Facility which is entering its testing phase and is expected to be operational in July 2018.



Retired SRNL scientist Dr. John Pickett stands with his wife, Governor's Award winner Dr. Carol Jantzen and SRNL Deputy Director Dr. Sharon L. Marra.

Senior DOE and SRS Officials Gather to Commemorate Historic Cleanup Milestones - Obtained from DOE-SR Update

U.S. Department of Energy (DOE) Assistant Secretary for Environmental Management (EM) Monica Regalbuto joined senior federal and contractor leadership, community stakeholders and hundreds of Liquid Waste Program employees, both past and present, to celebrate the 20th anniversary of the Savannah River Site's (SRS) Defense Waste Processing Facility and the Site's eighth waste tank closure.

The celebration marks DOE's continuing commitment to significantly reduce the hazard of the most substantial environmental risk for the State of South Carolina.

Calling it a historic day, Dr. Regalbuto congratulated SRS employees for safely dispositioning the hazardous waste, part of the Cold War legacy. "The historical significance of this Site's work is unprecedented in terms of its contribution to our nation's defense, and it provides a path to protect workers, local communities, and the state from the risk associated with the waste," said Dr. Regalbuto. "DOE and our Nation thank you for your continued dedication to get us to the place we are today. Your work is noticed by all of us, and I am proud to share this day with you."

Defense Waste Processing Facility

The Defense Waste Processing Facility (DWPF) at SRS began operations in March 1996 and is the nation's only operating vitrification, or glassification, plant. DWPF has poured just over 4,000 canisters of glassified waste in the past 20 years and is expected to produce just over 8,000 canisters.

The 4,000th canister was poured on December 31, 2015.

DWPF has removed approximately 58.6 million curies (a measure of radioactivity) from the liquid waste at SRS. Nearly 16 million pounds of molten glass has been poured since 1996.

Tank 12 Closure

Grouting activities were completed for Tank 12 on April 27, 2016, marking the operational closure of the eighth radioactive liquid waste tank at SRS.

Tank 12, located underground in SRS H Tank Farm, is an old-style tank built between 1951 and 1953 and placed into service in 1956. It has a storage capacity of approximately 750,000 gallons. It is the second tank closed in the Site's H Tank Farm, one of two areas where waste tanks are located.

During Tank 12 closure, 567 grout trucks traveled onsite, and 908,580 gallons of grout were poured into the tanks.

The Federal Facility Agreement (FFA) between DOE, the Environmental Protection Agency, and South Carolina Department of Health and Environmental Control required that Tank 12 be operationally closed by May 31, 2016.

In addition to Dr. Regalbuto, DOE-Savannah River Operations Office Manager Jack Craig and Savannah River Remediation President and Project Manager Tom Foster joined the employee celebration.

Craig said that the partnership with all entities involved continues to move the entire Liquid Waste Program forward.

(Continued on next page)



Senior DOE and SRS Officials Gather to Commemorate Historic Cleanup Milestones –Continued from Page 10

“Working together, SRS has achieved a great deal of success in the Site’s liquid waste program during the past 20 years,” Craig said. “Operating this one-of-a-kind vitrification workhorse to safely immobilize radioactive waste and removing hazardous waste from our tanks for ultimate tank closures is a successful part of our past and continues to be our commitment to the state and our communities in the future.”

SRR, the liquid waste contractor at SRS, is contracted by DOE to operate the Defense Waste Processing Facility and to close the waste tanks. Tom Foster, new SRR President and Project Manager, agreed that DWPF’s continued operation combined with grouting the tanks minimizes the risk for workers, the public, and the environment.

“In the past 20 years, we have witnessed one of the nation’s most substantial nuclear waste tank cleanup effort and the most significant environmental risk reduction in South Carolina,” Foster said. “This is a true success story, and I thank all SRR employees for a job well done.”

Additional information on the Department of Energy’s Office of Environmental Management and the Savannah River Site can be found at <http://www.em.doe.gov> or <http://www.srs.gov>.



DOE Funds 5-Year Grant to Fill Future SRS Jobs

By Mindy Mets, SRSCRO-NWI Program Manager

The local Department of Energy—Environmental Management (DOE—EM) organization in partnership with the National Nuclear Security Administration (NNSA) will provide \$1 million a year for the next 5 years to help fill future workforce needs at the Savannah River Site (SRS), the Department of Energy announced.

These DOE grant dollars will help put local college students in a more favorable position to fill upcoming SRS jobs through the Workforce Opportunities and Regional Careers (WORC) program. WORC is a 5-year initiative to attract and prepare students for careers in the nuclear industry, specifically at SRS.

Funding for the WORC initiative couldn't have come at a better time. Over the next 3 to 5 years, nearly half of the Site's workers are eligible to retire. Competition to secure qualified workers is fierce throughout Georgia and South Carolina.

At SRS, new construction and on-going missions require the same skills needed at the four new nuclear power plants under construction nearby. Similar skills are needed in the local manufacturing sector. And every one of them needs technicians, engineers, scientists, quality specialists, mechanics, welders and production operators. But the labor pool with the right skills needs to grow.

"This is definitely good news for Aiken, Allendale, Barnwell, Columbia and Richmond counties," said Sanford Loyd, chair of the SRSCRO. "There are a lot of jobs to fill over the next 5 years, and we'd like to fill them with local residents. The WORC grant will help ensure a steady supply of SRS workers for many years to come."

WORC is targeted mainly toward Georgia and South Carolina students who attend area colleges and universities. The program will enhance nuclear science education programs that teach students the critical skills needed to support DOE- EM and NNSA's nuclear missions.

In an ongoing effort to springboard students toward nuclear careers, the WORC program involves Aiken Technical College, Augusta Technical College, Augusta University, University of South Carolina Aiken, and University of South Carolina Salkehatchie degree programs directly related to the industry.

The SRS Community Reuse Organization and DOE, in coordination with local colleges and universities, will carry out the WORC grant under the direction of Mindy Mets, NWI® Program Manager. Collectively, they have successfully implemented a similar 5-year-grant called ANSR — Advancing Nuclear Skills Regionally.

ANSR also began with funding from DOE to help students connect with employers in the nuclear work force. More than 765 students are enrolled in ANSR programs; 154 have graduated; and 8 out of every 10 are working in their chosen field, many at SRS. WORC will continue to fill the workforce pipeline needs of DOE by offering program marketing to attract students, scholarships and potential on-the-job training opportunities.

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ABOUT THE SRSCRO: The SRS Community Reuse Organization (SRSCRO) is a non-profit regional group that supports job creation in a five-county region of South Carolina and Georgia. Those areas include Aiken, Allendale and Barnwell counties in South Carolina and Richmond (Augusta) and Columbia counties in Georgia. The group's mission is to facilitate economic development opportunities associated with Savannah River Site technology, capabilities and missions and to serve as an informed, unified community voice for the two-state region.

ABOUT THE NWI®: The Nuclear Workforce Initiative was created by the SRS Community Reuse Organization (SRSCRO) to provide a well-trained and highly qualified workforce that meets the ongoing needs of the nuclear industry in this region. The NWI® seeks to promote and expand nuclear workforce development capabilities by facilitating integrated partnerships between nuclear employers and educational and training entities that foster regional educational attainment, economic growth and job opportunities.



Future CNTA Events

UP & ATOM BREAKFASTS

JULY 26, 2016

Tom Foster
SRR President and Project Manager
SRR Interns

AUGUST 30, 2016

AGENTS
Kallie Metzger—USC Columbia

SEPTEMBER 28, 2016

Jeff Griffin, SRNL
Fukushima Update

EDWARD TELLER LECTURE

October 19, 2016

Guest Speaker: Sig Hecker

Currently: Professor (Research) of Management Science & Engineering
& Senior Fellow at the Freeman Spogli Institute of International Studies
(Stanford University)

Previously: Former Director of Los Alamos National Laboratory
and internationally known scientist on nuclear weapons policy and nonproliferation
USCA Convocation Center

NUCLEAR SCIENCE WEEK

October 17—21, 2016

Activities at Various Locations

2016 Corporate Members

PLATINUM

CB&I AREVA MOX Services, LLC
Savannah River Nuclear Solutions
Savannah River Remediation

GOLD

Arthur Rich
Centerra-SRS
Fluor
Parsons
Stoller Newport News Nuclear (SN3)

BRONZE

Atkins
Bechtel
SCUREF
SouthernCarolina Alliance
Susan Wood Foundation

BUSINESS

Applied Research Center (ARC)
CH2M Hill
Economic Development Partnership (EDP)
SRS Community Reuse Organization

2016 Golf Sponsors

TOURNAMENT

BWXT

LUNCH

Savannah River Nuclear Solutions

BEVERAGE

Stoller Newport News Nuclear (SN3)

PRIZE

CB&I AREVA MOX Services, LLC

HOLE SPONSORS

Atkins

Bechtel

Centerra-SRS

Economic Development Partnership (EDP)

Longenecker & Associates

Trophies Unlimited

Workout Anytime

PRIZES DONATED BY

Aiken Brew Pub
 Bartram Trail Golf Club
 Combs Chiropractic
 Harvard's Wine & Beverage
 Jones Creek Golf Club
 Mellow Mushroom
 SRR
 SRNS
 Travinia's
 Wine World
 Workout Anytime
 David Comer
 Carol Johnson
 Clint & Ginny Wolfe

Aiken Golf Club
 Betsy's on the Corner
 Floyd & Green Jewelers
 Health Fit Aiken
 La Bonbonnie're
 Newberry Hall
 SRSCRO
 Tako Sushi
 Trophies Unlimited
 Wing Place
 Josh Booth
 Lyddie/Charlie Hansen
 Mike Johnson

All Star Tents & Rentals
 Centerra-SRS
 Forest Hills Golf Club
 Houndslake Country Club
 Malia's
 Red Pepper Café
 South Aiken PT
 The River Club
 USC Aiken
 Woodside Plantation Country Club
 Mel Buckner
 J'Nette Hyatt
 Brad & Patti Swanson



Membership—New 2016

MEMBER PLUS—\$250
 SAME as **BENEFACTOR** and includes recognition in printed CNTA materials and at events.

BENEFACTOR—\$125.00
BEST VALUE! Members receive one Teller Lecture banquet ticket w/reserved seating and one ticket to the private Speaker's Reception; invitations to all events, quarterly newsletters and FREE membership mixers.

PATRON —\$70.00
 Members receive invitations to all events, quarterly newsletters and FREE member's mixers.

SUSTAINING —\$35.00
 Members receive invitations to all events, quarterly newsletters and FREE member's mixers.

STUDENT —\$15.00
 Same as Sustaining. Students must be current-

Your support makes all the difference! Help us increase public knowledge of all things nuclear and continue our education mission of nuclear technologies!

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Email Addresses <small>(you can have notices sent to home and/or work)</small>	
	Email is our main means of communication! Be sure to include us on your change of address list if you make any changes to your contact information.
REFERRED BY: <small>(Name & email address if known)</small>	

VOLUNTEER OPPORTUNITIES: We are seeking volunteers to serve on our committees. If interested, please mark below which committee you are willing to volunteer for:

COMMUNICATIONS: _____ EDUCATION: _____
 MEMBERSHIP: _____ TEACHER WORKSHOPS: _____
 GOLF COMMITTEE: _____ GOLF TOURNAMENT: _____
 SPEAKER'S BUREAU : _____

ENDOWMENT FUND: I would like additional information on how to gift to the

We are a non-profit 501 (c) 3 classification, Federal Tax I.D. #57-0953103 (your contribution is tax deductible)

Mail your check to the below address or call to pay by credit card (Visa, MasterCard, Discover).

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