

● SEPTEMBER 2018

SAVANNAH RIVER NUCLEAR SOLUTIONS

# SRNS Today



## Environmentally safe

Annual report validates SRS environmental programs



### This month

100th SNF shipment • Academic opportunities • RADCON interns • Awards and honors







**Stuart MacVean**  
SRNS President and CEO

# Welcome to the September 2018 edition of SRNS Today

Readers will see two themes throughout this month's edition of SRNS Today: Safety and awards. To me, it's no surprise. Every day I witness the excellence, attention to detail and the deliberate operations in our employees' work.

SRNS earned another Legacy of Stars Award at the National Voluntary Protection Program Participants' Association (VPPPA) Symposium. This is the fifth such award received by SRNS, including SRS legacy companies. Several SRNS employees were also recognized for their achievements by VPPPA at the symposium, with two winning individual achievement awards and three receiving outreach awards.

Radiological safety at SRS is being further improved through the upgrade of dosimetry equipment, which will be implemented by January 2019. The new equipment provides simplified processes for dosimetry service employees and offers ergonomic benefits to those who wear them, as they are lighter in weight than the current dosimetry equipment.

SRNS employees were recognized by NNSA for significant achievements in support of the nation's Stockpile Stewardship Program and also brought home several awards from the Ideas America Annual Conference.

SRNS employees' commitment to safety and world class performance is worthy of recognition and I congratulate them on all of their achievements.



Savannah River Nuclear Solutions, a Fluor-led company with Newport News Nuclear and Honeywell, is responsible for the management and operations of the Department of Energy's Savannah River Site, including the Savannah River National Laboratory, located near Aiken, S.C. The SRNS corporate and community offices are located in the renovated 1912 "Old Post Office" building in Aiken. The primary initiatives of SRNS are national security, clean energy and environmental stewardship. SRNS Today is published monthly by SRNS Corporate Communications to inform our employees and other stakeholders of the company's operational- and community-related activities. If you have questions or comments, please contact us at 803.952.9584 or visit our website.

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## SRNS earns DOE Legacy of Stars safety award

SRNS earned the Legacy of Stars award at the 34th Annual National Voluntary Protection Program Participants' Association (VPPPA) Symposium held recently in Nashville, TN.

This is the fifth such award received by SRNS, including SRS legacy companies. SRNS has been recognized as a DOE Voluntary Protection Program (VPP) each year since its SRS contract began in 2008.

The DOE VPP Legacy of Stars award distinguishes companies that have excelled in outreach and mentoring, while demonstrating sustained excellence in worker safety and health programs. The award is given to sites that have earned the VPP Star of Excellence for three consecutive years.

SRNS continues to prove competency in the five elements of the VPP: Management Leadership, Employee Involvement, Worksite Analysis, Hazard Prevention and Control, and Safety and Health Training.

Michael Budney, DOE-Savannah River Manager, said SRNS employees should feel honored for consistently being recognized with VPP safety awards.



"It is important to advance the missions at the Savannah River Site," Budney said. "It is even more important to do so safely. Congratulations to SRNS for earning the DOE VPP Legacy of Stars award."

The VPPPA is a nonprofit organization working to drive safety, health and environmental excellence through cooperative efforts among labor, management and government, with many DOE project sites across the nation being members.

## 100 shipments

### L Area celebrates 100th shipment of Foreign Research Reactor SNF

L Area recently hit a momentous milestone by receiving the 100th shipment of spent nuclear fuel (SNF) under the Foreign Research Reactor (FRR) Spent Nuclear Fuel Acceptance Program.

To mark the occasion, L Area management held a celebration for employees that included words of thanks from program management followed by cake and ice cream.

"I am proud to be a part of this program," said National Nuclear Security Administration (NNSA) FRR SNF Acceptance Program Owner Jeff Galan. "NNSA headquarters is constantly impressed by how professionally and without incident L Area accomplishes receipts. Thank you for your hard work."

Michael Dunsmuir of SRNS Nuclear Materials Programs then gave a brief history of the fuel receipt program to employees. Dunsmuir explained that on July 1, 1964, the first cask of foreign SNF was received at the SRS Receiving Basin for Offsite Fuels. SRS received fuel under the Off-site Fuels policy until 1991. DOE then began a National Environmental Policy Act analysis for the next receipt policy called the FRR SNF Acceptance Program. That program started in 1996, and, since that time, SNF has been shipped to SRS from 29 countries. Shipments have been made up of 284 casks and 8,906 SNF assemblies.

DOE Environmental Management (EM) FRR Program Owner Maxcine Maxted and SRNS EM Operations Deputy Manager Janice Lawson echoed Galan's thanks. "L Area's dedication and support is recognized and appreciated both in NNSA and EM," Maxted said. "You ought to be proud of yourselves for 100 shipments... now let's go get 200," Lawson added.

**“**  
"NNSA headquarters is constantly impressed by how professionally and without incident L Area accomplishes receipts."  
**”**

**Jeff Galan**



# VPPPA awards

## SRNS employees honored by national DOE safety program

A national DOE safety program recently recognized five SRNS employees for their exceptional performance, leadership and accomplishments related to workplace safety.

Mary Baird, Jennifer Scott, Richard Hudson, Jodie Saverance and Brandon Heath were each recognized for their achievements at the Voluntary Protection Program Participant Association (VPPPA) annual conference in Nashville, Tenn., Aug. 28-31. The VPPPA mission is to be a leader in health and safety excellence through cooperation among communities, workers, industries and governments.

“We are exceptionally proud of these awardees and our company for proactively seeking to learn from the best safety programs in the country,” said Barbara Guenveur, SRNS Employee Engagement Lead. “You have to learn from the best to be the best.”

The VPPPA Program shares knowledge of best safety practices with others and develops new techniques to create and sustain a safer, healthier work environment.

Each winner received a commemorative award and gained visibility within VPPPA publications. In addition, a letter of distinction will be sent to key individuals from the winner’s chief executive officer/plant manager and officials from the Occupational Safety & Health Administration and DOE.

“There is a long and revered history of safety excellence at SRS dating back to the early 1950s,” said SRNS President and CEO Stuart MacVean. “To receive a prestigious award from an outstanding safety organization like VPPPA while representing a company that so strongly supports safety every day speaks volumes about the character and dedication of our five winners.”

Saverance and Heath are the two latest SRNS employees to win VPPPA Individual Achievement awards, while Baird, Scott and Hudson are the first at SRS to win a VPP Outreach Award.

“We felt they were perfect candidates for the Outreach Award category,” said Guenvere. “Each was an exemplary example of employees who highly value safety while devoting time, skills and other resources to community outreach events and charitable organizations. And, they do this while frequently being called upon to mentor 24 SRNS safety improvement teams who represent over 5,000 SRNS employees as they assist them in safely executing work both on-and-offsite with outreach projects including United Way-Project Vision, the J. M. Still Burn Unit and Toys for Tots campaigns.”

The VPPPA Safety and Health Achievement Award recognizes the exemplary safety and health achievements of employees at member sites. The VPP Outreach Award recognizes those who achieve an outstanding level of outreach activity and encourage others to



Mary Baird



Jennifer Scott



Richard Hudson



Jodie Saverance



Brandon Heath

“We continue to seek out new ways to strengthen and reinforce our many safety programs at SRNS. We take pride in the wide range of safety-related records achieved by our employees since SRNS became the management and operations contractor at SRS in 2008.”

**Barbara Guenveur**

share their knowledge and to communicate and persuade others of the benefits of pursuing OSHA, DOE or state-plan VPP safety program participation. The VPP Outreach Award is for an individual, worksite or company that has done an extraordinary amount of work in these areas.

“We continue to seek out new ways to strengthen and reinforce our many safety programs at SRNS,” added Guenveur. “We take pride in the wide range of safety-related records achieved by our employees since SRNS became the management and operations contractor at SRS in 2008.”

## SRNL continues modification process with transfer of rad asbestos monitoring equipment

SRNL recently completed the transfer of radiological asbestos monitoring equipment from F/H Laboratory to the Environmental Bioassay Laboratory (EBL), streamlining the lab’s analytical capabilities while protecting a one-of-a-kind capability at SRS.

The relocation of the analytical equipment from F Area to B Area marks the third technology transfer in the SRNL modification project.

Asbestos analysis for radiological contamination is a critical need at SRS as modifications to aging infrastructure and ultimately, the long-term reduction of the Site’s operational footprint is completed.

“By transferring this analytical capability and merging it with ongoing analytical services performed by EBL, SRNS has retained a unique capability that is difficult to find in commercial laboratories,” said Sharon Marra, SRNL Deputy Director.

Before the transfer, the EBL was only able to perform asbestos analysis on non-radiological samples, while those samples suspected to contain radiological contamination were taken to F/H Labs.

Typically, asbestos is found in old construction materials such as roofing, ceiling tiles, gaskets, siding and insulation. Most recently, it was discovered in below-ground piping during road construction work on C Road.

“EBL was able to quickly analyze samples from piping that was uncovered during culvert work on C Road and ultimately determine the presence of asbestos. Our ability to provide this analysis on-



Rodney Gantt (from left), Laboratory Specialist; Linda Youmans, Director, Industrial Hygiene Laboratory; and Becky Chavous, Laboratory Specialist, test new rad asbestos monitoring equipment.

Site prevented delays in road construction and most importantly, it provided Industrial Hygiene with accurate data to establish protective measures to prevent employee exposure,” said Mary Flora, the SRNS Environmental Stewardship, Safety and Health representative in the SRNL Modification Project.

The transfer of analytical methods completed for the SRNL Modification Project preserve Site assets to streamline and strengthen collaborative growth across SRNL’s business portfolio.

“To date, SRNL has successfully transferred three capabilities from F/H Laboratory including the analysis of tank corrosion chemistry samples, processing of radioactive beryllium samples and rad asbestos monitoring equipment. These transfers yield cost savings and provide centralization of analytical methods, which better aligns laboratory resources for future needs,” said Marra.

## Through new process, old oil drums stay out of landfill and find new usefulness

The Portable Equipment Commodity Management Center (PECMC) recently installed a drum washer and crusher, which created a new process to help SRS save money and the environment.

These drums were used to hold oil for a variety of purposes. The old system of cleaning these oil drums used a pressure washer that created 114 gallons of oily water waste per drum, which then had to be treated. After the used drums were cleaned out, the 35-inch tall drums were disposed of at the Three Rivers Landfill.

The new process cleans the drum in 170-degree water, which assists in removing the oil residue inside each drum. The equipment reduced the oily water waste to one gallon per drum. After the cleaning process, the drum is then crushed to a disk about three inches tall. The crushed drum is then salvaged as scrap metal.

This process was an IDEA submitted by PECMC employee John Sloop. “The old process was time consuming, costly and created a lot of oily water waste, so through some research I found the drum cleaner and crusher and submitted the idea,” said Sloop.



Flattened oil drums destined for scrap metal salvage have replaced the 35-inch-tall drums formerly sent to the Three Rivers Landfill.



# Annual report states that SRS is environmentally safe

Partnering with DOE, SRNS has worked over the last decade to continually meet federal and state standards designed to protect the public, environment and site employees. The 2017 Annual Site Environmental Report (ASER) has validated the Savannah River Site's ongoing ability to complete its missions while maintaining a record of environmental excellence.

SRNS prepares the ASER in accordance with DOE requirements. This annual report provides detailed information regarding environmental conditions at SRS for the previous calendar year and is available for use by the public and SRS regulators.

"SRS is committed to protecting our environment through continuous monitoring, surveillance and improvement of our processes," said Angelia A. Holmes, DOE Savannah River Site, Acting Assistant Manager for Infrastructure and Environmental Stewardship. "SRS implements a sound environmental management system and stands by our environmental policy. Our ASER shows our long-standing commitment to achieve our goals and comply with all applicable laws, regulations and standards."

Each year, SRNS collects more than 5,000 samples found both on and off site, including air, water, soil, food products, freshwater fish, seafood, wildlife and plants. Samples are collected from neighboring cities, towns and counties located in Georgia and South Carolina.



SRNL scientists Brian Looney and Margaret Millings conduct research on cleaning up groundwater containing environmentally harmful cleaning solvents from the aquifer beneath SRS.

The report also summarizes SRS's environmental data; environmental sustainability performance; compliance with applicable DOE, federal and state regulations; and remediation and surveillance monitoring programs.

SRS has monitored environmental conditions since the site was built in the early 1950s and has prepared an ASER for more than five decades.

A condensed version of the ASER, referred to as the Summary Report, is also available. The Summary Report is used to provide information to the public in support of SRS's educational and community outreach programs. Both the ASER for 2017 and the summary are available online at: <http://www.srs.gov/general/pubs/ERsum/index.html>.

# Interns prepare for career in radiological protection and control

The SRNS Radiation Protection and Control (RADCON) intern program is preparing students for future careers through hands-on teaching.

Steven Eaton, a recent graduate of Augusta University, has interned with SRNS' Safety and Health Physics department for about three years, working in Instrument Calibration. "This internship has provided me with a real-life application of what I've learned in school," said Eaton. "I get to do a lot of testing and perform experiments to ensure the equipment worn on site protects those wearing it, and that the radiators work properly so we can make sure we are measuring the correct amount when calibrating instruments to prevent accidents."

Damian Bradley, another recent Augusta University graduate, has also interned with the Safety and Health Physics department for about three years, working in External Dosimetry. In this position, Bradley has been able to work with thermoluminescent dosimeter (TLD) systems, keeping track of records and algorithms to make sure they are correctly measuring the dosages that workers receive around site. "The main thing I've gotten out of this internship would probably be the opportunity to do real laboratory testing and use various types of equipment," said Bradley.

With SRS currently hiring 500 employees per year, full-time positions are becoming available for interns approaching graduation.



RAD Protection interns Steven Eaton (left) and Damian Bradley work together to calibrate the friskers used by the fire department in the field.

Since 2014, SRNS has hired approximately 48 graduates from Aiken Technical College's (ATC) RADCON program. In this program, students are taught the skills necessary for monitoring radiation and evaluating nuclear work sites. As a part of their coursework, students enrolled in this program are required to complete an internship experience at a DOE facility to obtain a working application of their studies.

# New dosimetry equipment to improve rad safety at SRNS

SRNS is in the process of further improving radiological safety at SRS by upgrading to Landauer dosimetry equipment. Implementation of this new equipment is projected for January 2019.

Landauer optically stimulated luminescent (OSL) dosimeters offer numerous benefits in relation to cost-savings, labor and user friendliness. Panasonic thermoluminescent dosimeters (TLD) currently in use, releases the entire dose signal when read. Landauer OSL dosimeters only release a small portion of their dose signal, therefore allowing up to five intermediate reads of the dosimeter before sending it to Landauer for a final dose read.

Health Physics Services' External Dosimetry Lead Randy Sullivan stated, "With this updated system, there is no longer a need to disassemble dosimeters and perform readings on Site. Instead, all dosimeters will be sent to the Landauer company after use for processing and returned to SRNS. In doing so, both the labor and cost involved to maintain these devices will be reduced."



SRNS' new Landauer dosimetry equipment includes finger-rings and OSL dosimeters.

Intermediate dosimeter readings will be offered on Site if the employee's dose is in question.

Not only do these new devices simplify processes for dosimetry service employees, but they also offer ergonomic benefits for those who are required to wear them as they are much lighter than the current TLDs in use.



Area Completion Project Operators Tony Craps (left) and Richie Andrews inspect MicroBlowers™ while performing rounds in A/M Area at SRS.



## Mentor-Protege Program at work

### SRNS, Strativia to bring IT assistance to SRS

SRNS Small Business Programs recently introduced a new small business into the pipeline.

DOE has approved Strativia LLC to provide Information Technology (IT) services to SRNS as a Protégé under the Mentor-Protégé Program, a DOE initiative designed to encourage and assist small businesses in an effort to enhance their capabilities to perform subcontracts throughout the DOE Complex. Strativia is an IT solutions provider and will be supporting SRNS through one of their major scopes, the IT Help Desk.

Supply Chain Management (SCM) Procurement worked closely with the IT Department to solve a recurring need through the Mentor-Protégé Program. The program grants non-competitive awards to small businesses at \$4.0M per award for non-construction and \$7M for construction. Because this was such a vital scope for SRNS, the IT Department wanted to engage a solutions provider who could leverage industry best practices to improve customer response times. SCM Procurement Director Jay Johnson

immediately identified the Mentor-Protégé Program as a solution to their complex supply chain problem.

“Our aim is to align our Mentor-Protégé Program as a strategic solution for our Site needs. We carefully select capable suppliers with sound business practices, provide them mentorship where needed and grow them into great suppliers,” said Johnson.

“The Mentor-Protégé Program is a win-win for the Site,” said Alex Agyemang, Manager of SRNS Small Business Programs and Supplier Partnering. “It aids in the efficient execution of Site missions through a streamlined procurement process. It allows good small businesses the opportunity to become great through the technical oversight of some of the best professionals in the complex. Site missions gain the benefit of the nimble and innovative solutions of small business, the economy grows through the economic impact of Site dollars and SRNS gains efficiencies through developing a supplier who is able to engage across the complex.”

## SRNS loans engineering exec to USC Salkehatchie

SRNS is working to increase cooperative programs with the University of South Carolina (USC) Salkehatchie by loaning an SRNS employee to teach an introductory engineering course on campus. Salkehatchie's Industrial Process Engineering program encourages students to consider engineering as a major while remaining in the SRS region to attend college, live and work.

Eric Johnson, SRNS Department Manager of Fire Protection Engineering Support, is currently teaching Introduction to Engineering twice a week at USC Salkehatchie. “I am excited about this opportunity and look forward to seeing the students grow this semester,” said Johnson.

The Loaned Executive assignment is consistent with DOE's policy to be a constructive partner within the region, while also aligning with

# Academic opportunities

## SRNL, USCA sign MOU to create a Collegiate Affiliate Program

SRNL and the University of South Carolina Aiken (USCA) have agreed to create a Collegiate Affiliate Program providing opportunities for retired laboratory professionals to enhance student learning experiences.

Dr. Vahid Majidi, SRNS Executive Vice President and SRNL Director, and USCA Chancellor Dr. Sandra J. Jordan signed a memorandum of understanding Sept. 4 at USC Aiken to establish the program.

The USCA/SRNL Collegiate Affiliate Program provides two ways for retired SRNL professionals to collaborate with USC Aiken faculty, staff, students and community. The Faculty Affiliate option allows qualified lab retirees to teach college-level courses or laboratories.

The University Affiliate option provides a range of opportunities for retirees to mentor young scientists, act as career counselors to science majors, connect students with internships, provide guest lectures in classes, assist with Ruth Patrick Science Education Center programs and more.

“We have a long history of collaborating with USC Aiken to strengthen the science and technology education at the university and expand the opportunities for students who may find future employment at our lab,” Majidi said. “We have a number of lab alumni whose expertise can be a valuable resource for the university, and we look forward to seeing this turn into an opportunity that strengthens STEM education at USC Aiken.”

“This exciting partnership is another way to leverage the talents and knowledge of SRNL employees to augment and complement our work at USC Aiken,” Jordan said. “The program will bring



Dr. Vahid Majidi, SRNS Executive Vice President and SRNL Director, and USCA Chancellor Dr. Sandra J. Jordan signed an MOU Sept. 4 at USC Aiken.

retired SRNL scientists and engineers to our campus to enrich the educational opportunities of students.”

The USCA/SRNL Collegiate Affiliate Program is being started with a \$105,000 grant from SRNS. The funding will be used to renovate space in USC Aiken's Gregg-Graniteville Library to serve as participant office space; to establish a training workshop; to help provide salaries for Faculty Affiliate participants teaching courses; and management and marketing support for the program.

## SRNL licenses TCAP technology to Greenway Energy

SRNL has licensed its hydrogen isotope separation technology to Greenway Energy, LLC, a hydrogen technologies company. The license is for a system known as Thermal Cycling Absorption Process (TCAP), which is used to separate hydrogen isotopes — protium, deuterium and tritium—using a continuous method based on palladium gas chromatography.

The TCAP system was invented in 1980 by SRNL to support its national security mission. Since its introduction, the TCAP system has been refined to feature a significantly smaller size, consume less energy and improve environmental safety.

“TCAP is an excellent example of the type of practical, applied research that SRNL conducts on behalf of the nation,” said Dr. Vahid Majidi, SRNS Executive Vice President and Director, SRNL. “The transfer of this technology opens up the possibility

of additional commercial applications and improved availability to our customers.”

Through the license agreement, Greenway will be able to economically manufacture a TCAP system for use by a commercial laboratory in a nucleotide radiography system. This type of radiography is a proven technique for the nondestructive testing of manufactured components in the aerospace, energy and defense sectors.

“Licensing TCAP technologies opens a variety of unique solutions for imaging as well as purification of hydrogen isotopes used in commercial processes,” said Scott Greenway, president of Greenway Energy. “We are working with clients and industry to develop solutions around this technology. Greenway Energy sees SRNL as a partner for further technology development that will drive innovation in this area.”



# DP awards

## SRNS employees honored for national security support

Five teams of SRNS personnel were recognized by the National Nuclear Security Administration (NNSA) for significant achievements in support of the nation's Stockpile Stewardship Program and other important national security objectives. Scott Handy, NNSA's Assistant Deputy Administrator for Stockpile Management, presented the five teams Defense Programs (DP) Awards of Excellence in recognition of their achievements.

The five honored teams were comprised of about 60 employees, with some of those being members of more than one team. In addition, two SRNS employees are part of a team with personnel from other NNSA sites and labs that will receive DP Awards at Sandia National Laboratories' ceremony later this year.

"These awards are particularly meaningful because they represent the excellent work our folks perform in support of the nuclear deterrent that keeps our nation safe," said Wallis Spangler, SRNS Sr. Vice President, NNSA Operations and Programs. The honorees are part of the Savannah River Tritium Enterprise (SRTE), which provides the radioactive isotope of hydrogen used in the nuclear deterrent, or the Savannah River National Laboratory, which performs research and development in support of NNSA and other programs.

One of the teams was honored for rolling out a system in SRTE, called the Tiered Operating Performance System, which provides a structure for daily engagement by all employees. This system, which is now being expanded to other areas of SRNS, has produced an increase in personnel engagement and empowerment, enhancement of daily discipline, improvements in product quality and delivery, and increased focus on continuous improvement.



The winning team included representatives from the Kansas City National Security Campus, who provided support based on their own deployment of a similar system.

Another team was recognized for new initiatives that make it possible for newly hired operators to gain meaningful training while they are waiting to receive the security clearances that will allow them access to the operating facilities. Another, which included both SRTE and SRNL personnel, achieved significant cost savings by repurposing legacy precious materials. Another developed a new approach to verifying the quantity of tritium in reservoirs, resulting in significant savings in cost and effort. The fifth team, which also included both SRTE and SRNL participants, was recognized for its role in a weapon retrofit program.

Each year, NNSA invites its sites and laboratories to nominate teams and individuals for significant achievements in quality, productivity, cost savings, safety, creativity, enhanced surety weapon safety, security, use control or leveraged, and stockpile stewardship capabilities in support of the Stockpile Stewardship Program and other important national security objectives. A panel at NNSA HQ evaluates the submitted nominations and selects those that will receive DP Awards of Excellence.

## Brigmon continues contribution to S.C. Academy of Science

When he served as a judge for the 91st annual meeting of the South Carolina Academy of Science (SCAS) this summer, SRNL Senior Fellow Engineer Robin Brigmon continued more than a decade of advancing South Carolina's scientific community.

As a volunteer and leader with SCAS, he has dedicated countless hours encouraging the scientific knowledge of students and faculty, while strengthening STEM education in the state.

The SCAS meeting this summer brought more than 500 students together for demonstrations and presentations. As a judge, Brigmon followed the same criteria that are used for peer reviewed journals. "Every year the quality of papers improves," said Brigmon. "I am very pleased to see the progress these students make year after year."

Brigmon served as SCAS president in 2012 and his responsibilities included overseeing budgets, collaborating with university and industrial partners and assisting committees. He was also

instrumental in bringing the SCAS Annual Meeting to the University of South Carolina Aiken in 2012 and linking it with SRNL.

"I continue supporting SCAS because it is a rewarding way to help South Carolina college, high school and middle school students in STEM education," Brigmon said. "When you see the excitement of the students as they give their presentations and explain their results, it is clear they are learning."

Brigmon's time and effort has not gone unnoticed. "Robin has been instrumental in connecting SRNL with SCAS," said John Kaup, Executive Director, S.C. Junior Academy of Science. "Even after his presidential succession ended he continued to be a part of the academies, giving support and mentoring."



Robin Brigmon



Teresa Haas



Chris Caldwell

## Teresa Haas announces retirement; Chris Caldwell named Manager for SRNS Gov't, Community Relations

Teresa Haas, Director of Government and Community Relations since the SRNS contract began in 2008, has announced her retirement beginning Sept. 27. Ms. Haas managed and coordinated public affairs programs and has over 30 years of experience in management and executive positions for corporations, U.S. Congressional offices and civic organizations.

Her career at SRS has spanned close to 28 years. Prior to SRS; she managed political campaigns and worked on Capitol Hill as chief of staff and legislative director for members of the U.S. Congress.

Haas is Chair of the Aiken County Commission on Higher Education; Past Chair of the Greater Aiken Chamber of Commerce Board of Directors (first woman chair); is a past member of the Aiken County United Way Campaign Cabinet; and former board member of the Aiken Center for the Arts. She is a member of Aiken's First Baptist Church and a graduate of Clemson University, where she serves on the Clemson Board of Visitors. Teresa and her husband Dale reside in Aiken.

Chris Caldwell will serve as the new Manager for SRNS Government and Community Relations. Caldwell returned to SRS and joined SRNS in April 2018, and has more than 25 years of experience in corporate communications, government relations and media relations roles in the nuclear, chemical and forest products industries.

From 1990-97 Caldwell worked at SRS for Westinghouse Savannah River Company, where he was the company spokesperson during the 1996 start-up of the Defense Waste Processing Facility.

Caldwell joined SRNS after a 15-year career with DuPont in Tennessee and Virginia, where he led media relations, employee communications and emergency response activities in seven states and Puerto Rico, and was promoted to lead the company's State Government Affairs team.

Caldwell was honored in 1998 by the Arkansas Junior Chamber of Commerce as one of its "Top 10 Outstanding Young Arkansans." In 1999 he won "The Arkansas Governor's Community Service Award" for his work as State Board President for Communities In Schools, the nation's largest stay-in-school program.

Caldwell is a graduate of Eastern Illinois University in Charleston, Ill. He and his wife, Melinda, have two college-age children and reside in Aiken.

## SRNS named top American company at Ideas America

SRNS employees swept the competition at the 2018 Ideas America Global Awards conference. Individuals from the United States, Germany, United Arab Emirates, Canada and India recently met in Las Vegas to compete for global awards and recognition.

Ideas America is an internationally recognized organization dedicated to serving administrators and professional managers with resources to increase employee contributions to their respective companies.



SRNS was the top American company, receiving third place globally, for total dollars saved by continuous improvement programs and suggestions systems.

SRNS competed against companies such as BMW Germany and America, Asama Coldwater Manufacturing, Dubai Customs and Honda Motor Company.

The Employee Onboarding Module received a global honorable mention in the Global Team Idea of the Year category. This category recognizes the best ideas and improvements implemented by a team internationally.

Joseph Legge, Site Services, received the Gold Award for Top Evaluator of the Year. Legge was the first place global winner for fostering an innovating culture, evaluating ideas and improvement opportunities and providing advice to employees for suggestions.

David Dixon, Site Services, served as a panelist for the conference, which is an honor only given to six individuals from member companies. Dixon is a patent recipient for an idea submitted in 2016 and has another patent under review from 2017.



INNOVATION • DEFENSE  
NONPROLIFERATION • ENVIRONMENT

# SRNS

**Savannah River Nuclear Solutions**

**We make the world**

**safer.**