JULY 2024

SAVANNAH RIVER NUCLEAR SOLUTIONS

SRISTOday



This month

Constructing SRPPF ● Data-driven 'A-Team' ● I Check safety campaign ● Green Fleet Award

to connect with our social media



Dennis CarrSRNS President and CEO

On the cover

SRNS and Savannah
River National Laboratory
employees recently
entered the final testing
stage of a multi-year plan
to introduce automation
into two projects related
to the Surplus Plutonium
Disposition Program.

Welcome

to the July 2024 edition of

SRNS Today

Every day I think about what an honor it is to be part of the SRNS team as we continue to do great things for our nation, the environment and for our community. July saw our teams accomplish incredible work, as we move into the future with bright expectations.

I am thrilled to announce that we have achieved an important milestone in our commitment to national defense, with the completion of Dismantle and Removal activities for the Savannah River Plutonium Processing Facility. Our repurposing of the building has been a long time coming, and — thanks to the tireless work of local trade unions — we were able to finish the process in only 18 months.

Our teams have also entered final testing of a plan to introduce automation to the Surplus Plutonium Disposition Program. This plan results in multiple benefits to our personnel, including reassigning them to other valuable projects and saving taxpayer dollars.

We were also honored with the 2024 Green Fleet Award for our contributions towards achieving a 100% zero-emissions vehicle fleet by 2035. SRS was one of only four Department of Energy sites to be recognized for this achievement and as a result has been awarded \$250,000 in grants to order additional zero-emission vehicles and charging infrastructure.

Please enjoy this month's edition of SRNS Today.





Savannah River Nuclear Solutions, a Fluor and HII partnership company, is responsible for the management and operations of the Department of Energy's Savannah River Site, located near Aiken, South Carolina. 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 803.952.6131 or visit our website.

savannahrivernuclearsolutions.com

COMMON ACRONYMS

Savannah River Nuclear Solutions (SRNS) • Savannah River Site (SRS) • Department of Energy (DOE)
National Nuclear Security Administration (NNSA) • Savannah River Plutonium Processing Facility (SRPPF)
Central Savannah River Area (CSRA) • science, technology, engineering and math (STEM)



Savannah River Site completes D&R phase for plutonium processing facility

SRS has reached a major milestone in the construction of a plutonium pit production facility at the Site.

After 18 months of "hands on" work involving local trade unions, the dismantlement and removal (D&R) of commodities and equipment throughout the SRPPF, previously installed by the Mixed Oxide (MOX) project, was completed in June 2024.

"Constructing SRPPF is a directive from the NNSA, and this is one of the top projects within the Nuclear Security Enterprise today," said Dennis Carr. "Reaching this milestone at SRS allows crews to begin the next stages of work in the field to build this pit production facility for our country."

In support of the nation's nuclear deterrent, the NNSA plans to make at least 80 pits per year in production facilities at SRS and Los Alamos National Laboratory in New Mexico. A pit is a critical component in every nuclear weapon.

SRS is constructing the SRPPF complex through repurposing the unfinished MOX Fuel Fabrication Facility. Repurposing this facility allows NNSA to make use of an existing seismically-qualified structure with numerous supporting facilities and existing SRS services and infrastructure, such as security, fire protection and emergency response.

Subcontractor Aecon-Wachs performed the D&R scope, which included the dismantlement and removal of equipment such as HVAC ducts,

piping, electrical conduits, pumps, tanks and gloveboxes from the structure without damaging the configuration of items projected for reuse.

A total of 2,535 gross tons of materials were removed from the 400,000-square-foot SRPPF Main Process Building concrete structure and sent off-site for recycling.

"It was very challenging work, and completion of D&R shows we're making great progress," said Jon Lunn, SRNS Senior Vice President and SRPPF Project Director.

In support of the construction of SRPPF, SRNS entered into a Project Labor Agreement in 2022 with the Augusta Building and Construction Trades Council, which is comprised of 19 local unions. There are approximately 2,500 construction and trade union jobs to fill during the life of the entire SRPPF project.

Once the construction of the facility is completed, the enduring plutonium pit production mission will continue to employ approximately 2,000 people.

"The nation called upon the Savannah River Site during the Cold War, and we delivered," said Carr. "The United States is once again calling on SRS to enhance stability and security for our country, our allies and our partners. We are answering this challenge to bring forth this production capability, and we will deliver."

Recruitment receives national attention

SRS was recently featured in "Jobs IRL: Looking at jobs on a more atomic level," a new radio series on the National Public Radio (NPR) "Marketplace Morning Report." This segment highlighted unique career opportunities and job training offered at SRS.

"Marketplace Morning Report" is a daily businessnews program that airs six times a day as part of National Public Radio's Morning Edition. With over 14 million weekly listeners across 800 local public radio stations and a significant digital audience, it is one of the most popular business and economic news programs in the country.

Rick Sprague, SRNS Senior Vice President, Environment, Safety, Health and Quality, expressed excitement about the exposure, stating, "This was a terrific opportunity to showcase our apprenticeship opportunities and recruitment efforts on a national platform."

The series focuses on organizations that create physical, well-paid jobs during a digital age.

"We aim to hire over 9,000 new employees, in the next five years," continued Sprague. "This program is essential in securing full-time employees with the critical skills needed at the Site."

The SRS Apprenticeship School has formed successful partnerships with Aiken Technical College, Augusta Technical College and Denmark Technical College. The program offers 27 registered occupations that include paid on-the-job training and networking opportunities.

Dorian Newton, SRNS Director of Site Training, said, "Apprenticeships are an effective way for our organization to address the nation's workforce shortages and support our future missions. These are valuable and competitive career opportunities in STEM."

On May 29, NPR's broadcast team — which included David Brancaccio as Host, Nic Perez as Director/ Producer and Rebekah Wineman as Sound Engineer — visited SRS for field reporting. The team conducted interviews with current apprentices, program graduates, the SRS Apprenticeship School team, Augusta Technical College personnel and more.

To listen to the radio segment covering the SRS Apprenticeship School, go to www.marketplace. org/shows/marketplace-morning-report/jobsirl-looking-at-jobs-on-a-more-atomic-level/



75-year-old H Canyon has facelift

H Canyon is feeling young again after Environmental Managment (EM) Operations and SRNS construction employees recently completed a number of refurbishments to the Section 9 Head Tower and Booster Fan House and Plenum.

"This section of H Canyon is one of the first things you see when you visit the facility," said Deputy Vice President for EM Operations Nick Miller. "We often pose for pictures with VIPs below the H Canyon sign, and we wanted to make sure a faded sign and ductwork didn't contribute to the first impression of this historic and impressive facility."

The project included repainting the booster fan house; pressure washing the head tower, booster fan and plenum; adding a new sheet metal top to plenum duct work; painting of the Section 9 head tower; and replacing the H Canyon sign.

The plenum duct work was performed not only for esthetics but also to replace aged sheet metal and to ensure the continued service of the facility air intake system.

"This is the first time in about a decade that we have done any kind of painting or touchups to this section of H Canyon," said Lee Kennedy, Facility Support Manager. "The project took about three months and not only makes the facility looks better, but it also extends the life of these facilities, helping to keep them safe from the weather."

"H Canyon is a special place," said Miller. "This was an opportunity to freshen her up and help reinvigorate the pride we all have in this facility and the unique and one-of-a-kind work she can perform."

Site debuts data-driven 'A-team'



SRNS Business Services recently established the Organizational Analytics (OA) team to enhance data-driven management, performance, and risk reduction of federal resources at SRS.

Regular (AR) hours tracking tool during the first Data and Analytics Center of

Excellence forum.

According to a recent DOE Office of Inspector General special report, Considerations and Use of Data Analytics, organizations can leverage data and analytics to evaluate transactional data in support of decision-making on policy, program operations, resource allocation, risk management and mission outcomes.

"We must pioneer a standardized data governance structure, which is necessary to make critical decisions and gain visibility into the success of SRS programs," said Bryan Ortner, SRNS Director of Organizational Analytics. "To close gaps in the adoption and use of data analytics, SRNS aims to empower all organizations to understand, validate and

securely control data, while driving analytical innovation."

On June 19, SRNS Business Services introduced the first Data and Analytics Center of Excellence — a monthly forum bringing together SRNS professionals to exchange best practices, lessons learned and advanced technologies.

During the forum, SRNS Financial Systems Business Analyst Erin Brown demonstrated a recent and remarkable data analytics tool designed in Oracle Analytics Server (OAS) – for Additional Regular (AR) hours. Brown's filtering and tracking tool prompted discussions on AR hours, offering new insight into timekeeping policies.

Brown explained, "This dashboard provides management with insights into employee's AR time usage and the balance of earned versus taken AR hours. This data can help eliminate biases in timekeeping, identify areas needing additional hires or rescoping. and suggest policy improvements."

SRNS Site Services Ransom Baughman and Mike Alimpich demonstrated the Microsoft Power BI Maintenance Dashboard which provides practical and filtered reports, performance tracking and forecasting. Richard Proctor, SRNS Director of Enterprise System Solutions, discussed the importance of building a healthy data governance culture from the ground up.

"These conversations and demos will create a shared understanding of data security, ethics and how we can leverage data to better manage our performance," said Lance Waddell, SRNS Senior Vice President and Director of Business Services. "Creating this crossfunctional 'A-team' is key in this transition to data-driven decision making and was the first step in becoming a unified and scalable solution for SRS."



Getting in 'check' with new campaign

Safeguards and Security kicked off their I Check campaign with the first ever in-person Security Forum, providing employees with an opportunity to learn more about their programs, ask questions and make suggestions for improvement.

The I Check campaign prompts employees to stay alert with informational cards featuring a checklist of items to be aware of within each security program, including barricade readiness, information security, operational security, personnel security, physical security, technical security, cyber security, insider threat, counterintelligence and incidents of security concern.

"Security Awareness appreciates all of our employees for making a difference, for completing the mandatory trainings, attending roadshows, participating in forums, emailing Ask Security and for including security in your daily activities," said Security Awareness Program Manager Adriene (A.D.) Bollig. "You make us successful! Let's continue to make security apart of our culture by supporting the I Check for Security Awareness campaign."

The security program aims to keep employees informed and prepared to stay ahead of potential risks by hosting Security Roadshows throughout the year, providing updates on security concerns in their monthly newsletter and through their new Security 411 podcast.

The future is now

SRS adds automation to plutonium disposition mission

RNS and Savannah River National Laboratory (SRNL) employees recently entered the final testing stage of a multi-year plan to introduce automation into two projects related to the Surplus Plutonium Disposition (SPD) Program, resulting in multiple benefits for personnel while saving taxpayer dollars.

The SPD mission will expand the existing plutonium dilute and dispose process in a plutonium handling and interim storage facility at SRS to support the removal of plutonium from South Carolina. The downblended material is packaged in 55-gallon Criticality Control Overpack (CCO) drums and staged on in the CCO characterization and storage pad facility (CCO Pad) until it is characterized and ready to be shipped for disposal to the Waste Isolation Pilot Plant (WIPP) in New Mexico.

SRNS and NNSA identified the benefits of automation in 2019, while evaluating potential efficiency improvements to packaging operations. Through NNSA funding, SRNS and SRNL partnered to assess a longterm strategy for infusing automation into future operations.

Rich Koenig, SRNS Advanced Technology Program Manager, explained that automation serves three primary benefits.

"First, it allows SRNS to reassign operators who would normally perform the receipt and inspection tasks to different areas," he said. "The second benefit is the cost savings that will be realized through increased throughput and the reduction in process costs. And the third eventual benefit incorporates ALARA principles by using an Automated Guided Vehicle to remove operators from areas with elevated radiological dose."

ALARA (As Low As Reasonably Achievable) principles seek to limit workers' exposure to radiation by limiting the time workers are exposed and providing shielding or alternative work methods, such as automation, to keep workers safe.

"We have tens of thousands of CCOs coming into the plutonium handling and interim storage facility over the next three decades, said Koenig. "Before diluted plutonium is packaged into the CCOs, they have to be inspected and reviewed, ensuring the safety and security of the workers and the materials."

The CCO inspection process is the first area to use automation within the SPD program. The process will use a robotic arm to perform pre-use inspections and security checks after the drum is delivered to the inspection area by an Automated Guided Vehicle (AGV). SRNL engineers developed custom tooling and software for the inspection process.

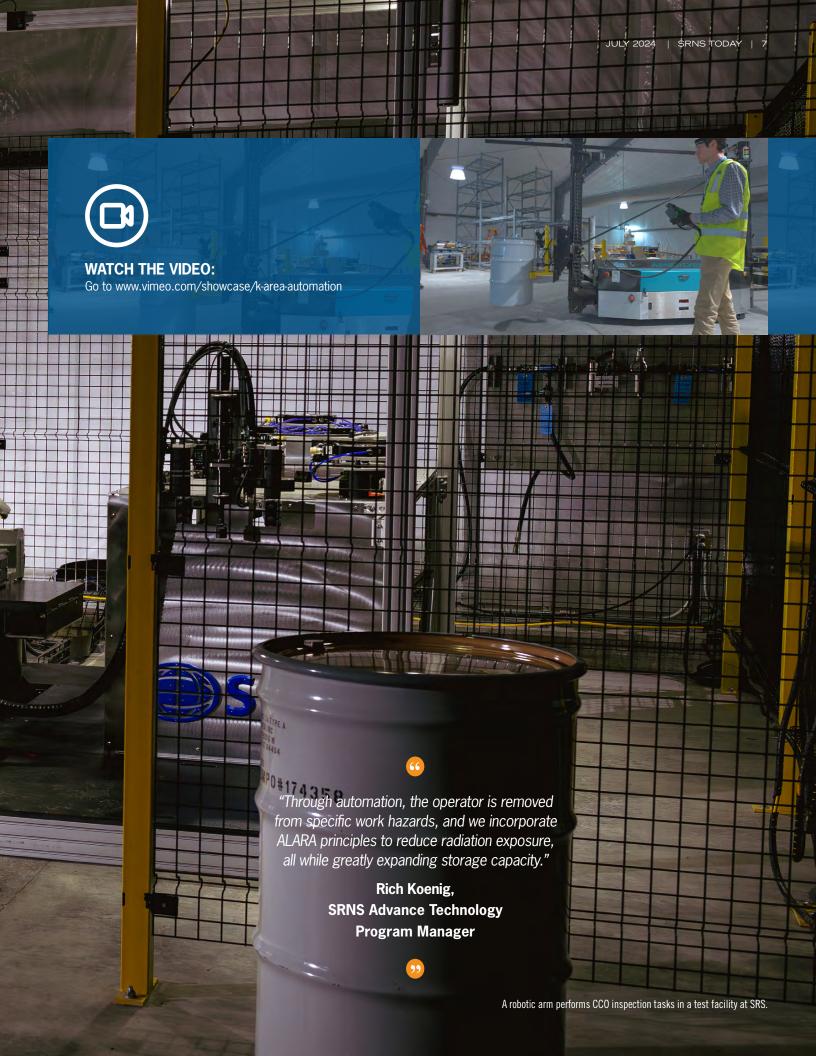
The CCO Pad at SRS will provide the second automation opportunity. where an AGV will deliver shipping containers between staging and shipping inspection locations. With the addition of a specialized

tool on the AGV, drums can be placed in horizontal storage rack increasing the storage capability on the Pad by 50% over the current process of storing drums on stacked pallets.

"Using the AGV will allow us to stack drums safely and more efficiently in horizontal positions; without it, that process would take several operators and a forklift working in a radiological area. Through automation, the operator is removed from specific work hazards, and we incorporate ALARA principles to reduce radiation exposure, all while greatly expanding storage capacity," said Koenig.

As automation can be used across the DOE Complex, several sites have already visited SRS to learn more.

Plutonium is diluted, or downblended, at SRS in a process that mixes plutonium oxide with a multicomponent adulterant to produce a proliferation-resistant form that can never again be readily used in nuclear weapons.



SRS honored with DOE 2024 Green Fleet Award

SRS is one of four Environmental Management (EM) sites recently recognized by DOE for significant contributions toward a Biden administration goal of achieving a 100% zero-emissions vehicle (ZEV) fleet by 2035.

In recognition of these efforts toward a more sustainable fleet, SRS has received the DOE's Fiscal Year (FY) 2024 Green Fleet Award and \$250,000 in grants to order additional ZEVs and charging infrastructure.

"Since 2021, SRS has made great strides in exchanging eligible leases with an electric vehicle equivalent," said Joe Solesby, SRNS Site Infrastructure Logistics Manager. "SRS' receipt of the Green Fleet Award is a testament to the dedication and collaborative efforts of our entire ZEV Fleet Management team."

After the SRS fleet was evaluated for efficiency, a fivephase implementation plan was established to meet sustainability goals. The implementation plan for full fleet electrification will lead to a reduction in greenhouse gas emissions and fuel use, contributing to cleaner air and a healthier environment.

In September 2023, phase one of the Catalyzing Clean Energy Industries and Jobs Through Federal Sustainability order was complete, putting SRS ahead of schedule for 100% ZEV light-duty vehicle acquisitions by 2027.

To date, SRS Electric Vehicle (EV) Fleet Management team has successfully installed 16 charging stations and exchanged 118 gasoline cars, vans and light duty trucks for ZEVs — with an additional 46 ZEVs and 20 charging stations ordered for FY24.

"The project team is working hard to build out the charging infrastructure needed to support the pace at which the fleet is being converted to electric," said Tom Kennaday, SRNS EV Charging Station Installation Project Manager.

The Site's electrification efforts continue to set a benchmark within the DOE complex and contribute to national sustainability objectives. Planning for phase three is set to begin towards the end of FY24 continuing expansion efforts and converting additional segments of the light-duty vehicle fleet.

"Preserving, protecting and improving the environment remains our top priority," said Donny Barfield, SRNS Director of Site Services. "We are proud to be at the forefront of clean energy, setting a standard for environmental stewardship, and eager to take our approach to the next phase and secure a 100% zeroemission fleet."

Rescue ready

SRSFD conducts Surface Water Rescue training

Savannah River Site Fire Department (SRSFD) performed their annual Surface Water Rescue training at Langley Pond Park, ensuring firefighters are equipped with the necessary knowledge to help in emergency situations.

During this training, firefighters conduct rescue boat operations, practice launching and docking the



boat and rescuing victims from the water. Floating manikins are used to simulate victims in the water for firefighters to retrieve and maneuver onto a rescue boat so that spinal immobilization can be performed as they deliver them safely to shore.

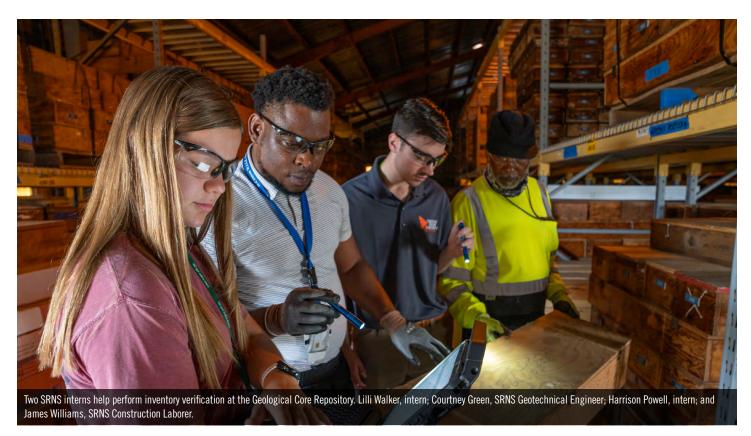
"The SRSFD strives to deliver a premier level of service, which would not be possible without rigorous training," said SRSFD Training Chief TJ Brown. "With minimal to no other water rescue assets close to SRS, the SRSFD assist multiple counties with surface water rescue operations on the Savannah River."

SRS has been a part of mutual aid agreements with neighboring fire departments since 1989. Currently, the Site's fire department has seven mutual aid agreements: Aiken County Emergency Services, the Aiken County Fire Department, Allendale and Barnwell counties in South Carolina, Richmond and Burke Counties in Georgia, and South Carolina State Mobilization.

The mutual aid agreement between SRS and surrounding counties provides the community with ensured response in the event of an incident. The SRSFD responds to approximately 10 to 15 mutual aid calls each year. This agreement is reciprocal for SRS, meaning the SRSFD can also request the help of other local agencies should the Site need additional aid in an emergency.

"Everyday firefighters at SRS face evolving dangers in multiple disciplines from EMS, fire, high angle rescue, confined space, hazmat, extrication, water rescue and so many more," continued Brown. "Training is imperative to ensure we are constantly prepared for any and all emergencies."





Interns inventory Geological Core Repository

SRNS interns recently performed an inventory of the Geological Core Repository, a warehouse of sediment and rock cores from across the Site.

The SRS Geological Core Repository represents a unique and irreplaceable archive of subsurface investigations at SRS and the surrounding region. The rock "library" is home to over 1,200 cores stored in 22,000 boxes that create 35 miles of geological core.

"The core is a unique, irreplaceable and tangible archive of over 50 years of subsurface investigation," said Patti Bennett, SRNS Geotechnical Engineer. "The replacement value of the cores is estimated to be well over \$60 million."

Core is used to understand sediment heterogeneity and physical properties; seismic hazard analysis; predict groundwater movement and the behavior of contaminants and mitigants: and add geotechnical rigor to facility siting and foundation design. In the broader scientific community, core can also be used for university research, studies conducted by state and federal geologic surveys, and for museum display.

"Over the years, sunlight and other environmental factors have degraded the cardboard boxes containing sediment cores." continued Bennett. "It is so important to have a complete and accurate core listing for SRS and the community."

SRS Design Engineering interns Lilli Walker, a sophomore at Georgia Southern University, and Harrison Powell, a senior at University of Georgia, were hired to work with Structural Mechanics and Geotechnical Engineering this summer.



"This was great hands-on fieldwork where I learned about the unique attributes of the core library," said Walker. "Learning about the processes of drilling and collecting core samples was very rewarding."

"I really enjoyed learning about this hidden resource at SRS," said Powell. "My favorite part was getting to look inside some of the boxes. It was hard to conceptualize that the core sample I was looking at was sometimes over 200 feet below the surface and millions of years old."

During the inventory process, the student interns worked with Geotechnical Engineer Courtney Green and Construction Laborer James Williams to digitally log each item and note any discrepancies from previous inventories.

The completed inventory will be used to develop a prioritization and disposition plan for individual core samples. Long-term plans include finding a more suitable facility for the core and making the resources more readily available to stakeholders and the scientific community.

SRNS plays ball with business partners

RNS recently partnered with the Energy, Technology and Environmental **Business Association (ETEBA)** for the Savannah River Federal Business Opportunities Forum, a two-day event held in North Augusta, South Carolina.

SRNS was the forum's premier sponsor and assisted businesses from multiple states with understanding the diverse and sometimes complex procurement needs found within the DOE Environmental Management complex.

"SRNS supports the ETEBA forum each year to bring together federal agencies, prime contractors and our supply base, for a meaningful exchange of ideas and business opportunities," said Dennis Carr. "It is an incredible time to do business with SRNS and contribute to our national security and cleanup missions."

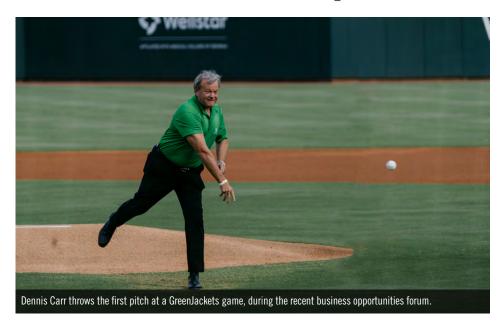
According to Elizabeth Harm, ETEBA Executive Director, the eighth annual forum exceeded her expectations, with over 350 attendees.

"I am confident in saying this was our best forum yet," said Harm. "There was such an incredible 'buzz' this year about the new opportunities moving ahead at SRS; and I witnessed that excitement across all in attendance. Everyone here is very interested in doing business with SRS and meeting infrastructure needs."

SRNS is quickly growing in multiple areas while rapidly hiring personnel for their expanding missions.

Jay Johnson, SRNS Deputy Vice President of Contracts and Supply Chain Management, said, "ETEBA delivered a great forum for our SRNS leadership team to share the significant infrastructure needs at SRS to prospective subcontractors. Supplier participation was the highest since bringing this forum to the Southeast Region of the United States. ETEBA offers one of the few, unique opportunities to bring together suppliers, technical leaders and procurement professionals to exchange ideas and capabilities that are vital to enabling DOF missions."

"We are always looking for ways to create strong, long-term buyer/supplier relationships, especially with small and minority-owned businesses," said Lisa Tanner, SRNS Senior



Manager, Supply Chain Excellence, Small Business Liaison Officer. "SRNS will continue to rely on industry partners — large and small — to meet our procurement needs as we progress in our transition from Environmental Management to NNSA landlordship."

The forum concluded with the SRNS-sponsored "matchmaking" event, where suppliers had eight-minute interviews with SRNS buyers and Site Services managers.

"The 'matchmaking' event connected our team with 75 potential suppliers, with many specializing in construction," continued Tanner. "Out of the 75, we've pinpointed 15 new suppliers that are extremely strong candidates for future contracts."

The full-day event featured panel discussions from many SRNS executives who shared business opportunities with DOE-SRS Procurement, SRNS, Battelle Savannah River Alliance, Savannah River National Laboratory and Savannah River Mission Completion. Leaders from both SRNS Pit Production Operations and Programs and Fluor Federal Services, the construction management subcontractor responsible for construction of SRPPF, provided updates and opportunities related to the pit production mission at SRS.

Michael Mikolanis, NNSA Savannah River Field Office Manager, briefed the attendees as part of a Site overview presentation at the start of the event and said, "The numerous infrastructure improvements and projects underway on-site show that SRS is a critical component of the nation's national security complex and will be an essential part of the community and nation for decades to come. ETEBA plays an important role meeting this need."



"ETEBA offers one of the few, unique opportunities to bring together suppliers, technical leaders, and procurement professionals to exchange ideas and capabilities that are vital to enabling DOE missions."

Jay Johnson,

SRNS Deputy Vice President of Contracts and Supply Chain Management





Sandra DeVoe Bland

AT SRNS: Quality Assurance Programs Assurance Manager

IN THE COMMUNITY: SC Governor's School for Science and Mathematics, SC Promise Zone, Southern Carolina Alliance, CSRA United Way, CSRA Workforce (Area 12) and SRP Federal Credit Union

THE PEOPLE OF SRNS

Sandra DeVoe Bland currently serves as the Quality Assurance (QA) Programs Assurance Manager at SRNS. Her primary duties include ensuring the QA program is consistent with the Integrated Safety Management System, evaluating the effectiveness of the program through audits, surveillances and assessments.

DeVoe Bland has worked at SRS for nearly 37 years as an effective and inspiring leader with several diverse organizations in Engineering, Defense Nuclear Facilities Safety Board Liaison/Technical Advisor to the Executive Vice President/ Chief Operations Officer and as Manager Operations Procedures. She holds a Bachelor of Science in Chemical Engineering from Georgia Tech and a master's degree in project management from Keller Graduate School of Management.

Her leadership is present not only at SRNS, but also in the communities of South Carolina (SC) and Georgia. DeVoe Bland has served in many roles including secretary and member of SC Governor's School for Science and Mathematics Virtual and Outreach Programs Advisory Board, SC Promise Zone Coordinator, Loaned Executive to Southern Carolina Alliance, CSRA United Way Loaned Executive, CSRA Workforce (Area 12) Investment Board and as Board Chairman of SRP Federal Credit Union (SRP FCU).

The Credit Union Leadership Convention, African-American Coalition and SRP FCU recently recognized DeVoe Bland with the Pete Crear Lifetime Achievement Award, recognizing individuals whose careers embody the mission of the African-American Credit Union Coalition to strengthen the global credit union community. Honorees epitomize sustained excellence and embody the philosophy of "people helping people."



Pit Production Operations All Hands meeting

Members of the Pit Production Operations and Programs (PPO) organization recently gathered at an All Hands meeting sponsored by the newly-appointed Senior Vice President Darlene Murdoch. According to Murdoch, the event was an opportunity not only to meet members of the PPO workforce and introduce the senior leadership team but, most importantly, to keep the workforce informed and establish cultural expectations for the growing organization.

J.C. Wallace, Executive Vice President and NNSA Chief Operations Officer, provides an overview of the Deliver 2032 Campaign.

FEATURE FRIDAY

The following employees were highlighted as part of the SRNS Feature Friday series on social media.



SCAN ME to connect with our social media



Kaitlyn HampsonCivil Design Authority
Engineer



William Kellum
Associate Electrical
Engineer



Courtney Wilson
Corrective Action
Program Manager



Cynthia Boler-MeltonSenior Director, Strategic Improvement & Innovation

SRNS

Developing innovative approaches to deliver on our environmental commitments and nuclear materials challenges

Supplying products and services necessary to maintain the nation's nuclear deterrent

Securing nuclear materials to prevent unwanted proliferation

Transforming nuclear materials into assets and stable wasteforms

