

SPECIAL EDITION

FEBRUARY 2018

SAVANNAH RIVER NUCLEAR SOLUTIONS



# SRNS Today



## Secretary of Energy at SRS

Rick Perry tours key SRNS facilities, Savannah River National Lab during visit

plus

SRNS earns  
'excellent'  
EM rating

Congratulations to our SRNS employees!

10,000,000

Safe  
Hours  
Again!



**Stuart MacVean**  
SRNS President and CEO

# Welcome

to the February 2018 **special edition** of

# SRNS Today

February is off to such a great start that we've published a special edition of SRNS Today. We couldn't wait until the end of the month to share all the news with our stakeholders and employees.

Savannah River Nuclear Solutions was honored recently to welcome U.S. Secretary of Energy Rick Perry to the Savannah River Site. Secretary Perry toured key SRNS facilities including H Canyon, the K Area Complex and the Tritium Facilities, and visited Savannah River National Laboratory and the Applied Research Center. He also participated in an all-hands meeting with employees from across the site.

Also in February, our employees recorded another 10 million safe hours without a lost day of work due to an injury. To do this once is exceptional; to achieve this twice in three years is truly amazing. Congratulations to our hardworking and safety-conscious employees on this incredible milestone.

Finally, because of our dedicated workforce, innovative technologies and attention to continuous improvement, our Department of Energy–Environmental Management customer rated SRNS as “excellent” in its recently release fiscal year 2017 scorecard. SRNS earned nearly \$25 million of the available fee.

I'm proud of our thriving safety culture, quality operations and dedication to achieving our national missions. It all works together to help make the world safer.



Secretary Rick Perry addresses community leaders at the Applied Research Campus.



SRNS employees use protective equipment to safely inspect samples in F/H Labs.

# EM rates SRNS as ‘excellent’

## Company earns 94 percent of available award fee

Savannah River Nuclear Solutions earned an “excellent” rating and nearly \$25 million — or 94 percent — of the available award fee for Department of Energy (DOE) Environmental Management (EM) work performed from Oct. 1, 2016, through Sept. 30, 2017, according to a recently-released scorecard from EM.

“SRNS displayed growth and improvement in fiscal year 2017,” said DOE-Savannah River Associate Deputy Manager Thomas Johnson, who challenged the company to “continue developing innovative technologies and performing unique operations in a safe and compliant manner.”

Each year EM releases information relating to contractor fee payments—earned by completing the work called for in the contracts—to further demonstrate transparency in its cleanup program.

SRNS President and CEO Stuart MacVean said the scorecard is a great reflection of the quality, innovation and dedication of the company’s workforce.

“We are pleased EM considered our performance to be ‘excellent’ and recognized our growth and improvement during fiscal year 2017,” MacVean said. “We are especially proud of the recognition that SRNS successfully executed ongoing operations safely while displaying a strong safety culture.”

### SRNS FY17 NNSA Evaluation and Earned Fee

While SRNS received 94 percent of available EM fee, SRNS’ overall evaluation includes DOE Office of Environmental Management as well as the National Nuclear Security Administration (NNSA) Performance Evaluation Report. SRNS earned 84 percent of the fee available for NNSA scope, for an overall total of 90 percent available fee for both EM and NNSA scope in fiscal year 2017.

### SRNS FY17 accomplishments noted by EM

**0.25** FY17 total recordable injury case rate vs goal of 1.10

**0.04** rate for SRNS days away from work vs goal of 0.60

Partnered with local colleges and universities to fill many vacancies with recent graduates from programs tailored to long-term SRS needs, increasing the efficiency of the hiring process

Outpaced goals to subcontract with small businesses, including targets for all socio-economic categories, such as women-owned and service disabled veteran-owned companies



Savannah River  
**NUCLEAR SOLUTIONS**<sup>SM</sup>  
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Savannah River Nuclear Solutions, LLC, is a Fluor-led company whose members are Fluor Federal Services, Newport News Nuclear and Honeywell. Since August 2008, SRNS has been the management and operating contractor for the Savannah River Site, a Department of Energy-owned site near Aiken, South Carolina, including the Savannah River National Laboratory. The SRNS corporate and community offices are located in the renovated 1912 “Old Post Office” building in Aiken, S.C. 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.

[www.savannahrivernuclearsolutions.com](http://www.savannahrivernuclearsolutions.com)

# Secretary of Energy Rick Perry visits Savannah River Site



Secretary Perry is welcomed to SRS by Stuart MacVean, SRNS President and CEO.



Secretary Perry is greeted in K Area by Janice Lawson, K Area Complex/L Area Facility Manager, and Dave Eyley, SRNS Executive Vice President and Chief Operating Officer.



Secretary Rick Perry observes a demonstration of equipment and training at the Plutonium Blend Down Mock Up Training Facility in K Area.



Crane Process Operator Rodney Smith and First Line Manager Mike Baynham demonstrate the remotely-controlled H Canyon crane for Secretary Perry.



Secretary Perry learns about processes in the Tritium Extraction Facility from Adam Reese, Day Shift Manager in the facility.

## Secretary learns about key SRNS facilities, missions

Energy Secretary Rick Perry paid his first visit to SRS on Feb. 1-2, and toured several SRNS projects, including K Area Plutonium Blend Down Mock-Up, H Canyon Separations Facility, and Tritium (NNSA), as well as other site facilities. The Secretary also met with community leaders and toured Savannah River National Laboratory.

Secretary Perry concluded his visit by conducting an all-hand meeting. "It is a privilege for me to be here today and to share what we have going on together," Secretary Perry told employees. "The DOE's mission here is incredibly important, and I come today to salute you. I am honored to be your partner and part of one of the most extraordinary teams in America," he said.

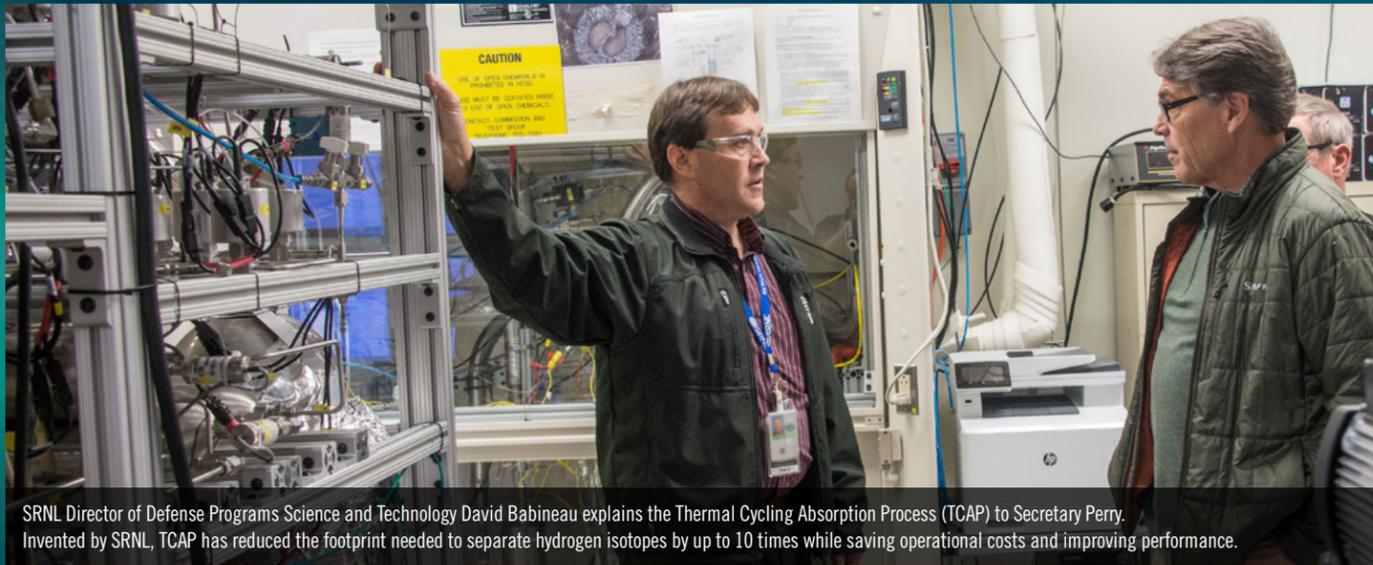
U.S. Sen. Lindsey Graham (South Carolina) and U.S. Congressmen Joe Wilson (South Carolina) and Rick Allen (Georgia) joined the Secretary for portions of the visit and for the all-hands meeting.



Secretary Perry addresses employees during an SRS all-hands meeting on the last day of his visit.



Manager, National Nuclear Security Administration's Savannah River Field Office Nicole Nelson-Jean discusses SRS-based NNSA missions with Secretary Perry at the Tritium Facilities.



SRNL Director of Defense Programs Science and Technology David Babineau explains the Thermal Cycling Absorption Process (TCAP) to Secretary Perry. Invented by SRNL, TCAP has reduced the footprint needed to separate hydrogen isotopes by up to 10 times while saving operational costs and improving performance.

# Sec. Perry tours National Laboratory

## SRNL-developed technologies highlighted for Energy Secretary

Energy Secretary Rick Perry toured EM's SRNL on Feb. 2 to learn more about research underway in environmental stewardship, nuclear security, energy and advanced manufacturing.

Secretary Perry visited the materials science laboratories at SRNL's Applied Research Center (ARC) and the unique facilities at the lab's main campus. Among the highlights of the visit were a stop at the world's first radiological crime lab, a demonstration of a nanomaterial developed at SRNL that is being commercialized, a briefing on how SRNL secures and disposes of weaponizable nuclear materials globally, and a discussion about advanced manufacturing.

Joining Secretary Perry for the lab tour were U.S. Sen. Lindsey Graham (S.C.) and Reps. Joe Wilson (S.C.) and Rick Allen (Ga.). In addition to overviews and demonstrations, the group had the opportunity to talk with staff scientists and researchers about their work.

"It was very exciting to have the opportunity to speak with Secretary Perry and to share some of the laboratory's research programs," SRNL Senior Engineer Kallie Metzger said. "He spoke passionately about his visits to the national laboratories and was engaged during our discussion about the advancement of commercial technologies in support of DOE missions. It is evident that he understands the importance of the national laboratories and is very supportive of our efforts."

The tour included a working lunch to discuss the lab's effort to accelerate the use of advanced manufacturing technologies and methods to transform a range of DOE and NNSA missions. A focus of discussion was SRNL's Advanced Manufacturing Collaborative, a collaboration among national laboratories, industry and education to innovate and accelerate new technology adoption in process intensification, additive manufacturing, virtual reality and other areas.



SRNL Director of Wasteform Processing Technology Connie Herman shares more about the cleanup work SRNL is doing across the EM Complex with Secretary Perry, SRNL Associate Lab Director of Environmental Stewardship Dr. Jeff Griffin (center) and U.S. Rep. Rick Allen of Georgia (back).



Secretary Perry tests the dexterity of glovebox gloves made with an SRNL-developed nanomaterial by signing his autograph while SRNL Senior Scientist Dr. Jay Gaillard watches.

# 10,000,000

Congratulating our SRNS employees for *another* amazing 10 million safe hours

SAVANNAH RIVER NUCLEAR SOLUTIONS. WE MAKE THE WORLD SAFER.

# Ten million safe hours—again!

## SRNS employees achieve another exceptional milestone

SRNS employees have once again achieved an exceptional industrial safety milestone at SRS, having surpassed 10 million hours without a lost day of work due to an injury.

**This is the second time that SRNS has achieved 10 million safe work hours in the past three years.**

"Our technical capabilities are impressive, but above all, safety is our most important commitment. I am proud of that kind of culture," said SRNS President and CEO Stuart MacVean.

More than 5,300 employees began the safe work-hour streak approximately one year ago. Since then, they have completed highly hazardous work in a nuclear environment while maintaining a commitment to the safety of SRS employees, the public and the environment.

In addition to the most recent safety milestone, SRNS was also awarded its 16th Voluntary Protection Program Star of Excellence from DOE Headquarters recently at the Voluntary Protection

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Stuart MacVean

Program Participants Association annual conference. This award is given to DOE contractors who exhibit exemplary performance in meeting safety and health goals, which result in achieving injury rates significantly below the average rates of similar businesses and operations.

This new safety achievement further demonstrates that SRNS employees are committed to creating safe, innovative, effective solutions for our country's most pressing initiatives as they strive to make the world safer.

Safety and Security begin with me.  
...because of them

SAVANNAH RIVER SITE

INNOVATION • DEFENSE  
NONPROLIFERATION • ENVIRONMENT

# SRNS

Savannah River Nuclear Solutions

We make the world safer.