

2020



# “Speaking of SRNS...”

We make the world safer.  
Here's how we do it.



# After 70 years, why does SRS still matter?

27 million  
safe work  
hours

without a lost workday  
during FY19

130  
safety awards/  
recognitions

since SRNS took over  
contract in 2008

>\$1M  
annually

SRNS support for local  
initiatives and organizations

## Because...

**As the Savannah River Site's management and operations contractor, Savannah River Nuclear Solutions makes the world safer by:**

- 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

**These essential foundations allow us to conduct missions that make the world safer.**

## Safety and Security

Safety and Security have been fundamental values at SRS for more than 70 years. The Site has a long track record of being one of the safest sites in the DOE complex and one of the safest major industrial sites in the world. Protecting workers, the public, the environment and national security interests are our highest goals.

"Safety and Security Begin with Me." It's more than a slogan; it's the culture at SRNS.

- Three-time recipient of DOE Voluntary Protection Program (VPP) Star Site and awarded DOE-VPP Start of Excellence 10 times since 2008
- Received more than 130 awards and recognitions for safety performance excellence
- Three SRNS presidents selected as the National Safety Council's (NSC) CEOs Who "Get It"

## Stakeholder Support

By operating safely and meeting our environmental commitments, SRNS seeks to maintain public confidence that we make the world safer through our contributions to solving national and global challenges.

- Unparalleled community service and economic impact
- Provides more than \$900,000 annually to nonprofit and service organizations, education initiatives, and civic and economic development in the region
- Free public tours to approximately 2,000 visitors each year
- Manages a dynamic STEM K-12 education outreach program and partners with regional colleges and universities
- Employees serve on 50+ local and state boards and commissions



**We make the world safer.**

# Our Top 2020 Messages: How we make the world safer

## 1 Unique Nuclear Missions and Operations

**SRNS is recognized** as a benchmark federal facility for nuclear production, chemical processing, materials storage and nuclear safety. SRNS nuclear materials operations are multi-faceted and challenging, involving the safe operation of unique facilities including H Canyon, K Area and L Basin, all of which play a vital role in reducing risk for our nation and the world.

### How SRNS makes the world safer

- Unmatched nuclear safety and mission delivery
- Receive, store and process spent nuclear fuel from around the world
- Expedite plutonium downblend and removal from South Carolina
- Secure nuclear materials to prevent unwanted global proliferation
- Operate the only chemical-separation facility in the nation

## 2 National Defense Programs

**SRNS safely and securely carries** out crucial missions in support of the National Nuclear Security Administration (NNSA) and its mission to ensure the United States maintains a safe, secure and reliable nuclear stockpile. Without our ongoing shipments of tritium to the U.S. Department of Defense, the United States would not have a nuclear deterrent.

### How SRNS makes the world safer

- Nation's only source for tritium for nuclear weapons
- Preparing for pit production to support national defense
- Conducts surveillance of gas transfer systems to support stockpile certification

## 3 Environmental Risk Reduction

**SRNS delivers** on its environmental commitments by accelerating and completing projects to reduce the operational footprint of SRS by 85% and preparing the 310-square-mile Site for future missions.

### How SRNS makes the world safer

- Robust environmental monitoring program
- Active and passive groundwater remediation
- Deactivate and decommission excess facilities
- Remediate large tracts of acreage
- Provide ongoing environmental protection support and monitoring across SRS and neighboring communities

## 4 Savannah River National Laboratory

**SRNL has been a demonstrated leader** in applying science-based approaches and innovations to achieve our nation's goals for more than 65 years. Designated as the only DOE Environmental Management national laboratory, SRNL applies state-of-the-art science to provide practical, high-value, cost-effective solutions to complex technical problems. SRNL has the know-how and the commitment to transform research and development into real-world solutions.

### How SRNL makes the world safer

- Assess and reduce the threat of global spread of nuclear materials
- Reduce costs and accelerate environmental cleanup
- Provide a safe, secure and reliable nuclear deterrent
- Drive plutonium pit manufacturing activities across the Site
- Provide essential research and development for liquid waste disposition and nuclear materials processing



# Our Top 2020 Messages: How we make the world safer

## 5 Agile and Engaged Workforce



The SRNS workforce is highly capable, engaged and adaptable to meet existing and expanding missions. SRNS employees apply superior expertise and innovative solutions to complex and challenging national and global issues. We have the knowledge to address a range of national and international nuclear issues.

### How we make SRNS a compelling place to work

- Employee and leadership training and development
- Partnerships in education to ensure a workforce pipeline
- Competitive compensation and benefits
- Cross-qualify employees for a more agile workforce



## 6 Continuous Improvement: Return on Investment



SRNS has a proven track record of a strong Continuous Improvement (CI) program. CI allows SRNS to achieve substantial cost savings and avoidances while engaging and motivating the SRNS workforce to find waste and non-value-added steps in processes.

### How SRNS makes the world safer

- Identify cost and efficiency savings
- Recognition and incentives for employee participation
- Low-cost delivery through industry-leading Contractor Assurance System

>\$440M  
savings

since beginning of contract



**Savannah River Nuclear Solutions** is defined by its commitment to safety and security, service to our nation, exploration and use of technology and conservation of the environment. SRNS assumed management and operating responsibilities at SRS on August 1, 2008. SRNS employs approximately 6,800 people and is responsible for the safe and secure operations of the majority of SRS facilities and programs.

### SRNS Vision

Be the standard of excellence in nuclear materials management by delivering knowledge, innovation and experience.

### SRNS Strategic Goals

- Deliver Results Safely and Securely
- Adapt to Changing Missions and Customers
- Advance the National Laboratory
- Agile and Engaged Workforce

### SRNS Standards of Excellence

- Model Excellence
- Deliver Results
- Energize and Recognize Team
- Build Relationships
- Shape the Future
- Safety and Security

For more information on working for SRNS, visit:  
<https://www.savannahrivernuclearsolutions.com/careers/careers.htm>

We make the world **safer.**

# SRNS

Developing innovative approaches  
to environmental stewardship  
and nuclear materials challenges

Supplying tritium for our country's  
nuclear weapons deterrent

Securing nuclear materials to  
prevent unwanted proliferation

Transforming nuclear materials  
into assets and stable wasteforms