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For Immediate Release

SRNS Unleashes a New Age of AI-Accelerated Innovation at SRS

AIKEN, S.C. – (April 21, 2026) – Savannah River Nuclear Solutions (SRNS) marked a transformative year in fiscal year 2025, advancing artificial intelligence (AI) capabilities that are accelerating mission delivery, strengthening national security operations and modernizing digital infrastructure at the Savannah River Site (SRS).

These efforts directly support the national direction outlined in the U.S. Department of Energy's (DOE) [Genesis Mission](#), an initiative focused on building the world's most powerful scientific and computational ecosystem. By advancing AI innovation at SRS, SRNS is contributing to DOE and National Nuclear Security Administration (NNSA) goals of bolstering scientific discovery, enhancing nuclear security missions and increasing operational resilience across the complex.



SRNS Artificial Intelligence Implementation Team. From left: Len Bowers, Director, IT Enterprise Solutions; Tedmond Melton, Software Engineering Manager; Travis Jaruzel, Software Engineer; and AI Solutions Analysts Charlie McCollough and Brandy Edwards.

“Our teams are accelerating safe, secure AI adoption to strengthen mission performance, modernize infrastructure and empower our workforce,” said Bruce Page, SRNS Senior Vice President and Chief Information Officer. “From maturing responsible-use governance to deploying practical AI demonstrators within high-security environments, SRNS is helping DOE translate federal AI priorities into measurable impact.”

Key Milestones in AI Adoption

In FY25, SRNS Information Technology (IT) delivered a broad suite of AI and automation capabilities designed to enhance

productivity, improve access to institutional knowledge and elevate mission support.

The late Larry Price, SRNS Chief AI Architect, laid the foundational vision for Generative AI (GenAI) at SRS. His leadership accelerated SRNS' ability to deploy secure, mission-aligned AI tools, leaving a legacy that continues to guide responsible adoption.

A key milestone was the sitewide expansion of [ChatSRS](#), a secure internal GenAI platform. Through natural, conversational interactions, ChatSRS equips SRS employees with research support, technical

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writing assistance, text analysis and rapid access to institutional knowledge. In FY25, the platform handled more than 44,000 unique user topic types, with some highly technical areas reaching impact scores as high as nine.

The team also launched several specialized “Ask” services including AskHR, ChatIT, and AskCAS, each grounded in authoritative internal procedures. These tools increased consistency in policy interpretation, streamlined high-volume inquiries, and accelerated causal analysis activities across many organizations.

“Our AI initiative started as a question and grew into a roadmap, and I’ve been fortunate to help connect the dots as the vision expands,” said Travis Jaruzel, SRNS Software Engineer. “It’s shown how quickly scope evolves when innovation meets real-world challenges, ideas become solutions, and solutions build momentum.”

SRNS also advanced AI integration into software engineering workflows through tools like Tabnine and enabled partner deployments within the SRNS Microsoft Azure Government environment to expand secure AI experimentation and development options.

A notable FY25 achievement was the completion of an AI proof-of-concept classifying more than 300,000 prior-year requisition items to United Nations Standard Products and Services Codes. This work is expected to strengthen procurement analytics, improve strategic sourcing, and enable the future development of an AI-supported requisition pipeline that reduces cycle time and improves accuracy.

Strengthening Governance and Safe Adoption Across the Nuclear Enterprise

SRNS continued maturing responsible AI governance by developing an AI Governance Supplement to its IT methodology and standing up a red-teaming program designed to test model safety, identify vulnerabilities, and prevent misuse which are critical safeguards for deploying AI in a high-security nuclear environment.

“AI has enormous transformative potential at SRS and is rapidly becoming an enduring capability that will strengthen both business operations and national security missions,” said Pamela Livingston-Spruill, NNSA-Savannah River Field Office Acting Assistant Manager for Business. “As a member of the NNSA AI-Ready Workforce Implementation Team, we advocate for initiatives that promote professionalism and efficient collaboration at SRS. NNSA’s mission depends on secure, reliable, and forward-looking digital tools, and SRNS’ progress in adopting responsible AI is an essential step in sustaining the resilience and effectiveness of the nuclear security enterprise.”

According to Page, enterprise-grade GenAI platforms, stronger governance frameworks, and expanding machine-learning initiatives are giving SRNS a scalable foundation that will continue to transform operations in FY26 and beyond.

“We will keep pursuing safe, secure, and cost-effective AI opportunities in a rapidly evolving technology landscape to modernize operations and strengthen mission outcomes,” he concluded.

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.

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