

**FY2021 SRNS Fee Determination  
Scorecard**

**Contractor:** Savannah River Nuclear Solutions (SRNS), LLC

**Contract:** DE-AC09-08SR22470

**Award Period:** December 1, 2020 - September 30, 2021

**Basis of Evaluation:** Performance Evaluation and Measurement Plan (PEMP) for FY2021

\*The FY2021 PEMP for this contract is available at: <https://www.energy.gov/srs/services/management-operations/contracts>

**Award Fee Scorecard:**

**SRNS FY2021 Subjective and Objective Performance Evaluation Results**

**SRNS Subjective Fee (Award Fee) Criteria Summary Table**

Criteria	Maximum Available Fee	Adjectival Rating	Fee Determined from Adjectival Ratings	
			Percentage	Fee Amount
<b>1.0 SRNS Overall Subjective:</b> Provide a monthly assessment of SRNS work performance noting any trends and improvements in technical, cost, schedule performance and business relations management activities as documented in the individual work group self-assessments found in the Scorecard tool.	<b>\$7,672,705</b>	<b>Excellent</b>	<b>91%</b>	<b>\$6,982,162</b>
<b>2.0 Contractor Assurance System Subjective:</b> The Contractor shall implement a DOE approved CAS, which demonstrates program effectiveness of the CAS that includes: 1. A method for validating the effectiveness of assurance system processes; 2. Rigorous, risk-informed, and credible self-assessment and feedback and improvement activities; 3. A structured issues management system that is formally described and documented; 4. Timely and appropriate communication; 5. Continuous feedback and improvement, including worker feedback mechanisms; and; 6. Metrics and targets to assess the effectiveness of performance.	<b>\$2,335,171</b>	<b>Very Good</b>	<b>90%</b>	<b>\$2,101,654</b>
<b>Subtotal Subjective Fee (not including SRNL)</b>	<b>\$10,007,876</b>			<b>\$9,083,816</b>

## SRNS Objective Fee (Performance Based Incentives [PBI]) Criteria Summary Table

Metrics	Title	Maximum Available Fee	Fee Earned	%
1-20	Environmental Management Operations	\$13,573,260	\$13,573,260	100%
21-28	Solid Waste	\$1,798,018	\$1,498,018	83.3%
29-36	Area Completion Project	\$2,220,433	\$2,220,433	100%
37-41	Cyber Security	\$1,500,000	\$1,500,000	100%
42-62	Landlord Services	\$4,260,000	\$4,255,500	99.9%
<b>Total Objective Fee</b>		<b>\$23,351,711</b>	<b>\$23,047,211</b>	<b>98.7%</b>

SRNS continues to deliver strong operating performance while maintaining high standards for safety, safeguards, and security. For the FY21 performance period which spanned from December 1, 2020 through September 30, 2021, SRNS performed well completing several notable achievements including:

- SRNS accomplished nearly 9.5 million safe hours without a lost workday due to an on-the-job injury and received its 12th Department of Energy (DOE) Voluntary Protection Program (VPP) Star of Excellence. SRNS experienced only one high Incident of Security Concern (IOSC) and achieved more than 305 days without a high-risk security incident.
- SRNS continued exceptional performance in managing the COVID-19 Pandemic. The Infectious Disease Response Team (IDRT) and other members of the War Room continuously revised the SRS COVID-19 Response Plans to maintain compliance with the evolving DOE Safety Plan. They evaluated additional protocols established by the Biden Administration, continued to conduct case investigations, contract tracing, and rapid testing and protocol reinforcement. Established on site testing and vaccinations centers and implemented the electronic Certification of Vaccination process utilizing the Infectious Disease Tracking System.
- SRNS significantly exceeded its small Business goal of 55% with an actual achievement of 75.1%.
- SRNS was selected by the Voluntary Protection Program Participants Association (VPPPA) as a recipient of the 2021 Safety & Health Outreach Award. This award recognizes "VPP models," who reach out to share the safety, health, technical and management expertise developed at their sites.
- Areas of excellence include management of Criticality Control Overpack (CCO) Pad Project transition to operations; project management in execution of 235-F facility deactivation and F/H lab transition activities; continued collaboration in development of Accelerated L-Basin De-inventory (ABD) actions; initiatives to reduce Surveillance and Maintenance (S&M) cost.
- Excellent performance in Transuranic (TRU) Waste Operations and the execution of required annual Waste Isolation Plant Project (WIPP) initiatives/deliverables.
- Completed five TRUPACT-II and one TRUPACT-III Shipments to WIPP.
- SRNL Transition to Battelle Savannah River Alliance (BSRA) Support - SRNS completed ALL (47) Vital requests required prior to the June cutover date. 47 of the requests are deemed "Vital" (needed for Day 1) and 54 as "High" (needed for Day 1 but able to operate if not ready on Day 1). SRNS analyze over 315 applications in total, 210 of which BSRA plans to use.
- Central Computing Facility (CCF) Uninterruptible Power Supply (UPS) Replacement: IT completed the replacement of UPS1 in the CCF without any issues or service interruptions. The old UPS was approaching end of life and no longer had the capacity needed to support the data center's energy requirements. The new UPS has effectively 40% more capacity due to its increased power rating and efficiency.
- SRNS Procurement exceeded its Year-to-Date Cost Savings Goal of \$10 Million with actual achievement of \$17.3 Million. This is 73.14% beyond the EM goal for SRNS.

- SRNS Site Services developed and executed the first full Environmental Management Infrastructure Deep Dive Workshop that required intensive coordination across all Site Environmental Management programs and contractors. This Deep Dive Workshop provided DOE HQs and all DOE Complex Sites and Labs a detailed examination of the Site's infrastructure challenges, and the solutions and methodologies the Site employs to maintain its Program and Support Infrastructure and Utilities for the future.
- Completed all regulatory milestones/commitments on or ahead of schedule including: 71 Federal Facility Agreement (FFA) Appendix E and Resource conservation 7 Recovery Act (RCRA) permit milestones; 588 of 589 Environmental Regulatory commitment submittals on or ahead of schedule; management of over 500 site permits; collection/analysis/reporting of over 10,000 environmental samples on and off the SRS (i.e., air, water, vegetation, soils, dairy, fish and wildlife).
- Partnered with all Site contractors and DOE managed sub-contractor (Ameresco) and awardees (United States Forest Service, Savannah River Ecology Lab, etc.) to ensure Environmental Compliance with all Federal, State and DOE laws and regulations were maintained and met.
- Executed Memorandums of Understanding with all eight Historically Black Colleges and Universities in South Carolina prior to the end of FY21.

SRNS also had some less-than desired performance issues:

- There were numerous Conduct of Operations events/issues; two (2) TSR surveillance issues resulting in KIS glovebox operations being paused; several engineering and technical document review issues.
- Hydrostatic Testing procedures and supervision that resulted in the hydrostatic water line test failure due to over pressurization of the tested water line and testing device. This led to a significant construction delay and unanticipated material costs for a major underground water line replacement project
- SRNS can improve on communications with other site tenants for Enterprise technology changes.
- The management of redundant equipment operability has had significant impact on facility operations.
- Environmental Compliance (EC) – EC initiated corrective actions after the Tank Release Detection Operability Test on an Underground Storage Tank (UST) in A-Area was completed past due, resulting in one missed regulatory commitment date in May.

The continued need for management attention and focus in these areas was considered in the subjective requirements where the contractor ultimately earned 91 percent of the available fee or \$6,982,162 of an available \$7,672,705 for the period of performance (December 1, 2020 to September 30, 2021).

The contractor successfully completed most of the objective requirements earning 98.7 percent of the available performance fee or \$23,047,211 of the available \$23,351,711.

## Savannah River National Laboratory FY2021\* Subjective Performance Evaluation Results

**SRNL Subjective Recommended Fee (Award Fee) Criteria Summary Table**

Criteria	Maximum Available Fee	Adjectival Rating	Fee Recommended from Adjectival Rating	
			Percentage	Fee Amount
<b>SRNS2021 SRNL-1.1</b>  Provide a monthly assessment of SRNL work performance noting any positive attributes, needs improvement, and trends in technical, cost, schedule performance, and business relations/management activities as documented in the individual work group/organization self-assessments found in the Scorecard tool.	\$2,864,227* (EM)  \$1,834,540** (NNSA)	Excellent	93%	\$2,663,731 (EM)
<b>Subtotal Subjective Fee (SRNL only)</b>	<b>\$4,698,767</b>			<b>\$2,663,731</b>

**Note:**

\*Performance period for SRNL under the SRNS contract was December 1, 2020 to June 19, 2021.

\*\*NNSA Fee Determination for SRNL is still pending.

**Achievements**

- Remained the complex's safest National Laboratory with over 7 million hours (Total Recordable Case Rate), over 7.6 million hours (DART - Days Away), and over 18.6 million hours (DART - Restricted).
- Timely and high-quality support to the Nuclear Materials Management, Liquid High-Level Waste Disposition, Environmental Remediation and Infrastructure Disposition, U.S. Intelligence Community, Secure Energy and Manufacturing, and Nuclear Fuel Cycle missions.
- Excellent program management and technical leadership/direction for the Minority Serving Institutions Partnership Program.
- Effectively executed role as the DOE-EM National Laboratory through the execution of SRNL's role in the EM National Laboratory Governance Framework.
- Active participation in the Network of National Labs as part of the National Lab Directors Council and its working groups.
- Continued advancement of the research portfolio, specific to core competencies (i.e., cyber security, robotics and remote systems, artificial intelligence, smart manufacturing, and biotechnologies).
- Successful recruitment and onboarding (i.e., virtual LabSYNC SRNL orientation) of 125 staff members even with challenges of the COVID-19 pandemic.
- Excellence in maintaining and renewing facility and infrastructure portfolio through numerous laboratory renovations.

- Support to DOE for the development of the Advanced Manufacturing Collaborative design.

#### **Areas for Improvement**

- Contractor Assurance - opportunities to improve the quality of Issue Reviews and Fact Findings, specifically the gathering of all issue facts to ensure an effective identification of corrective actions to prevent recurrence.
- Implementation of Rev. 2 of the DSA/TSR experienced significant delays due to issues discovered with the supporting analyses for the DSA and TSR.

#### **SRNS and SRNL Combined Overall (Subjective and Objective) Fee Earned for FY 2021**

<b>PEMP Fee Type</b>	<b>Fee Amount/Range</b>	<b>Percent of Maximum Available Fee</b>
<b>SRNS Subjective Fee Earned</b>	<b>\$9,083,816</b>	<b>91%</b>
<b>SRNS Objective Fee Earned</b>	<b>\$23,047,211</b>	<b>98.7%</b>
<b>SRNL Subjective Fee Earned</b>	<b>\$2,663,731</b>	<b>93%</b>
<b>TOTAL FEE EARNED</b>	<b>\$34,794,758</b>	<b>96%</b>

In summary, SRNS's performance during the subject award period was rated as excellent.