6,700 Employees “Making the world safer.”

$2.7 billion SRNS Budget

MISSION AREAS

Environmental Stewardship
for soil, water and facilities

Nuclear Materials for National Security
for nuclear weapons deterrent

Securing Nuclear Materials
to prevent unwanted proliferation

Transforming Nuclear Materials
into assets and stable wasteforms

M&O Support Services

Savannah River Site
Aiken, S.C.

310 square-mile site
12,700 employees
Environmental Management
Management, stabilization and disposition of nuclear materials
Management and disposition of solid, liquid and transuranic wastes
Spent fuel management
Environmental remediation and cleanup

National Nuclear Security Administration
Tritium operations
Nonproliferation support
Foreign fuel receipts
Surplus Pu Disposition
Pu Modernization
SRPPF Project
Tritium Finishing Facility
EM and NNSA worked collaboratively to prepare a landlord transition plan to accomplish a seamless SRS transition with fairness and continuity for on-going programs.

The Plan includes the following:

- Transfer of four major responsibilities from SROO to NNSA:
  - Management and Operating (M&O) contract, including Landlord and Essential Site Services (ESS)
  - Protective Force Contract
  - K Area Complex (KAC)
  - Environmental Permits / Agreements

- Accounts for responsibility and management of functions transferring from SROO/EM to SRFO/NNSA at SRS

- Supports NNSA assumption of primary site management responsibility and budget authority by functions in FY25 and accomplishes Landlord transition on October 1, 2024 (FY25)
SRPPF Pit Production Update

- Repurposing a seismically-qualified structure
  - 400,000 square feet of Hazard Category-2 space
  - Interior walls of reinforced concrete for personnel shielding and durability for 50-year facility design life

- FY23 and FY24 work focused on:
  - Achieving 60% design complete milestone
  - Removing unnecessary walls and equipment from existing 226-F structure
  - Procurement of gloveboxes (~$1.2B total spend) and other critical long lead items
  - Site prep and early construction work packages

- Recently awarded a Construction Management (CM) subcontract to Fluor Federal Services. As the CM subcontractor, Fluor will utilize its significant Engineering, Procurement, and Construction experience to promote efficiency and ensure continuity through project completion
### Pit Production Program Staffing

<table>
<thead>
<tr>
<th>Engineers</th>
<th>Maintenance</th>
<th>Operations</th>
<th>In-House Laboratory</th>
<th>IT and OT</th>
<th>ESH &amp; QA</th>
<th>Training and Procedures</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical</td>
<td>HVAC</td>
<td>More than 1/3 of total staff</td>
<td>Analytical Chemistry</td>
<td>Engineers</td>
<td>Industrial Hygiene</td>
<td>Engineering</td>
</tr>
<tr>
<td>Mechanical</td>
<td>Mechanics</td>
<td>High precision machining</td>
<td>Materials Characterization</td>
<td>Technicians</td>
<td>Safety &amp; Health</td>
<td>Maintenance</td>
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<tr>
<td>Electrical</td>
<td>Rigging</td>
<td>Welding</td>
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<td>Computer Analysis</td>
<td>Rad Control</td>
<td>Operations</td>
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<tr>
<td>Civil</td>
<td>Electrical</td>
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<td>Automation</td>
<td>Quality Assurance</td>
<td>Laboratory</td>
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<tr>
<td>Environmental</td>
<td>Metrology</td>
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<td></td>
<td>Network Architects</td>
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<td>IT / OT</td>
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<tr>
<td>Criticality</td>
<td>Electorefining</td>
<td></td>
<td></td>
<td>Database Designers</td>
<td></td>
<td>ESH</td>
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<tr>
<td>Info Systems</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>QA</td>
</tr>
</tbody>
</table>

~~1,800 Employees~~

Over half are non-exempt, open to personnel with associate degrees, certificates or other non-baccalaureate qualifications
Surplus Plutonium Disposition Mission

- SRS exceeded its FY23 downblend target by 11% completing 111/100
- Began shipments from K Area to WIPP
- SRS completed 13 out of 15 planned shipments to WIPP in FY23
  - Lower than expected caused by WIPP pause due to non-SRS related issue
- SPD Project to expand capability 99% complete with design
- Fabrication of first glovebox completed
Innovative Approaches to Nuclear Materials Challenges

- H Canyon accelerating spent fuel dissolution and direct discard to high level waste tanks
  - Due to ABD mission, H-Canyon successfully transferred 400kgs of Uranium to High-Level Waste tanks
- New Fast Critical Assembly mission using electrolytic dissolver (2024)
- High Assay Low Enriched Uranium (2025)
- Non-Aluminum Spent Nuclear Fuel (2026)
- Ongoing domestic and foreign fuel receipts in L Area
FY 23 SRNS Small Business Impact

Total Commitments to local small businesses:
$223,728,223

Total Commitments to small businesses:
$708,975,847

Percentage of Commitments:
- Local: 23.3%
- Total: 63.8%
INNOVATION • DEFENSE
NONPROLIFERATION • ENVIRONMENT

SRNS

Savannah River Nuclear Solutions
We make the world safer.