



U.S. DEPARTMENT OF  
**ENERGY**



# Savannah River Site Presentation

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Team Lead for Budget Formulation  
U.S. Department of Energy-Savannah River Operations Office

Citizens Advisory Board (CAB) – Budget Update/Site Priorities Discussion  
March 2024



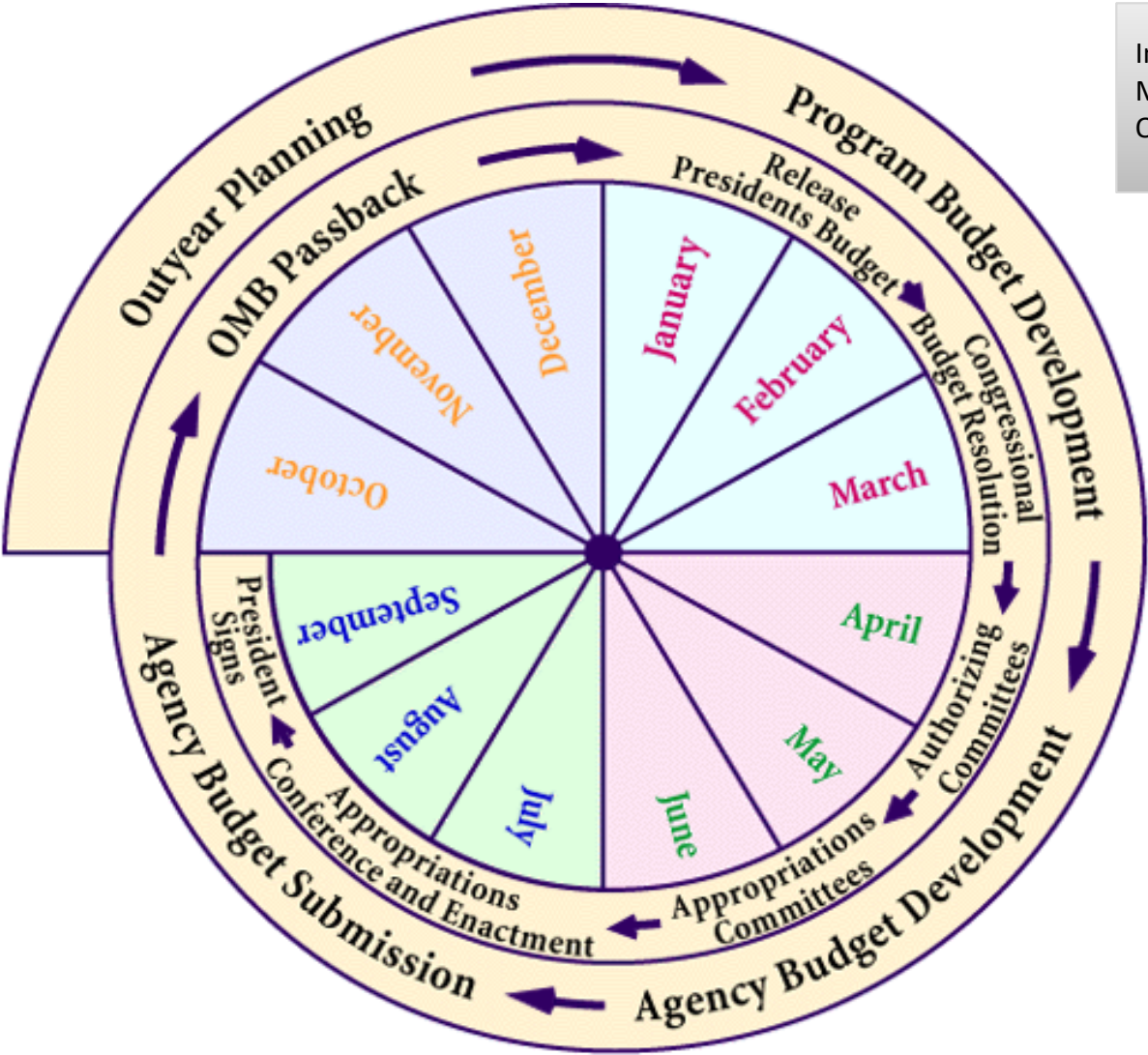
# Purpose

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- **Provide an overview of the Federal Budget Planning Process**
- **Review of Fiscal Year 2025 President's Budget Request**
- **Review of Fiscal Year 2025\* Priorities**
- **Discuss Fiscal Year 2026 Planning and the Site Priorities**
- **Request input from the CAB for Fiscal Year 2026 priorities**

\*NNSA Transfer

# Federal Budget Planning Process



# EM Budget Overview

ENVIRONMENTAL MANAGEMENT FY2024 Dollars in Thousands			
	FY2023 Enacted	FY2024 Enacted	FY2025 PBR
Environmental Management	8,262,635	8,482,000	8,228,513
Savannah River Site	1,807,872	1,811,994	1,617,073*

\*FY25 Decrease due to NNSA transfer

Environmental Management FY2024	
Environmental Management	\$M
• Carlsbad	475
• Idaho	490
• Los Alamos	292
• Lawrence Livermore	37
• Lawrence Berkeley	6
• Moab	67
• Nevada	73
• Oak Ridge	694
• Richland	1,146
• River Protection	1,890
• Paducah	334
• Portsmouth	580
• Savannah River	1,812
• SPRU	15
• Sandia	2
• West Valley	96
• Defense Closure Site Activities	3
• Program Direction	327
• Mission Support Activities	84
• Technology Development	36
• Excess Facilities	6
• Uranium Thorium Reimburse	0
EM Total	8,482



# FY 2025 PBR

	FY2023 Enacted	FY2024 Enacted	FY2025 Request
<b>Defense Environmental Cleanup</b>			
<b>Savannah River Site</b>			
<b><i>Savannah River Risk Management Operations</i></b>			
SR-0011C - Nuclear Material	340,008	301,365	248,712
SR-0013 - Solid Waste	45,509	43,373	49,258
SR-0030 - Soil and Water	60,455	62,514	76,710
SR-0041 - Surveillance, Maintenance, and Deactivation	21,463	24,582	23,858
SR-0042 - Infrastructure and Land Mgt	18,429	21,032	2,000
<b>Subtotal, Operating</b>	<b>485,864</b>	<b>452,866</b>	<b>400,538</b>
<b>Construction:</b>			
18-D-402 Emergency Operations Center	25,568	34,733	0
19-D-701 SR Security System Replacement	12,000	0	6,000
<b>Subtotal, Construction</b>	<b>37,568</b>	<b>34,733</b>	<b>6,000</b>
<b>Subtotal, Savannah River Risk Management Operations</b>	<b>523,432</b>	<b>487,599</b>	<b>406,538</b>
<b><i>Savannah River Legacy Pensions</i></b>			
SR-0101 - SR Legacy Pensions	132,294	33,000	0
<b><i>Savannah River National Laboratory O&amp;M</i></b>			
SR-SRNL-0100 - SRNL O&M	41,000	42,000	90,000
<b><i>Savannah River Community and Regulatory Support</i></b>			
SR-0100 - Comm. & Reg.	12,137	12,389	5,198

## **Savannah River Risk Management Operations**

- Nuclear Materials Stabilization and Disposition Program will meet Public Law 50 U.S. Code § 2633 that requires continued operations and maintaining a high state of readiness for H-canyon.
- Supports storage, treatment and disposal functions for transuranic, low-level radioactive waste, mixed low-level radioactive waste, hazardous, and sanitary waste.
- Soil and Water Remediation & Facility Deactivation and Decommissioning Program will continue to remediate Savannah River Site contaminated soils, groundwater, streams (and associated wetlands), and waste sites.
- Supports continued work on 235-F planning documentation for design, regulatory and safety scope for near term decommissioning.
- Supports the surveillance and maintenance of non-operating nuclear facilities (currently consisting of F-Area Complex Facilities, as well as the Receiving Basin for Off-Site Fuels Facility in H-Area).

## **Construction**

- Supports execution of L Area Argus design.

## **SR Legacy Pensions**

- Legacy pension obligation is expected to be fully funded.

## **SRNL O&M**

- Funds EM's share of Savannah River National Laboratory Operations and Maintenance with an increase due to NNSA's budget authority transfer.

## **Savannah River Community and Regulatory Support**

- Supports the Citizens Advisory Board, South Carolina Department of Health and Environmental Control, the Environmental Protection Agency oversight, and supports Workforce Opportunities in Regional Careers grant.

# FY 2025 PBR (Cont'd)

	FY2023 Enacted	FY2024 Enacted	FY2025 Request
<b>Defense Environmental Cleanup</b>			
<i><b>Radioactive Liquid Tank Waste Stabilization and Disposition</b></i>			
SR-0014C - Tank Waste	851,660	986,573	971,235
Construction:			
18-D-402 Saltstone Disposal Unit #8, 9	49,832	31,250	0
20-D-401 Saltstone Disposal Unit #10, 11, 12	37,668	56,250	82,500
<b>Subtotal, Construction</b>	<b>87,500</b>	<b>87,500</b>	<b>82,500</b>
<b>Subtotal, Radioactive Liquid Tank Waste Stabilization and Disposition</b>	<b>939,160</b>	<b>1,074,073</b>	<b>1,053,735</b>
<b>Total, Savannah River Site</b>	<b>1,648,023</b>	<b>1,649,061</b>	<b>1,555,471</b>
<b>Safeguards and Security*</b>			
SR-0020 - S&S	159,849	162,933	61,602
<b>Total, Savannah River Site</b>	<b>1,807,872</b>	<b>1,811,994</b>	<b>1,617,073</b>

## Radioactive Liquid Tank Waste Stabilization and Disposition

- Process 200+ canisters in Defense Waste Processing Facility.
- Operate Salt Waste Processing Facility with a plan to process 3-4.75M gallons of higher curie salt batches.

## Construction

- Continue construction for Saltstone Disposal Units 10 and 11.
- Initiate construction preparation for Saltstone Disposal Unit 12.

## Safeguards & Security\*

- Supports required security force and resources necessary to guard and safely maintain Special Nuclear Material in accordance with DOE policy, including cyber security scope.

\*Safeguards and Security funding managed as a single complex-wide congressional control. However, funding is displayed for site completeness.

## Functional Areas of EM Mission: Program Baseline Summaries (PBS)

PBS 11C	Nuclear Materials Stabilization & Disposition (Includes Spent Nuclear Fuel Receipt/Storage)
PBS 13	Solid Waste Stabilization & Disposition
PBS 30	Soil & Water Remediation, Facility Deactivation & Decommissioning
PBS 41	Surveillance, Maintenance, and Deactivation (F-Area and 235 Risk Reduction)
PBS 42	Infrastructure and Land Management 18-D-402: Emergency Operations Center 19-D-701: SR Security System Replacement 20-D-402: Advanced Manufacturing Collaborative Facility (AMC)
PBS 14C	Radioactive Liquid Tank Waste Stabilization & Disposition 18-D-402: Saltstone Disposal Units #8/9 20-D-401: Saltstone Disposal Units #10-12
PBS 20	Safeguards and Security
PBS 100	Community & Regulatory Support
SRNL 100	SRNL Operations and Management
PBS 101	Legacy Pension

## Major Categories of the Site Priorities

**All priorities (scopes) in each PBS are grouped into one of four categories:**

- Support Safe Operations & Site Services
- Operational Support
- Cleanup Activities to meet Compliance Milestones & Commitments
- Progress in other EM Mission Activities



# Major Categories of the Site Priorities

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## 1. Support Safe Operations & Site Services

- Activities necessary to maintain facilities or systems in a state of operational readiness, include Site Safeguards & Security

## 2. Operational Support

- Activities necessary to meet contractual and legal commitments and obligations in support of Site Operations that are not included in Safe Operations, Compliance, and Making Progress categories. Primary focus includes:
  - Headquarters and Site direct contracts
  - Community (CAB) and Regulatory (EPA and SCDHEC) support activities
  - Site Infrastructure support activities.

### 3. Cleanup Activities to meet Compliance Milestones & Commitments

- Activities necessary to comply with Federal & State Regulations:
  - Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)
  - Resource Conservation and Recovery Act (RCRA)
  - Federal Facility Act (FFA)
- These regulations primarily focus on cleanup and monitoring activities associated with Solid Waste (PBS 13), Liquid Waste (PBS 14C) and Soil & Water Remediation (PBS 30).

### 4. Making Progress in other EM Mission Activities

- Primary focus in this category is mission activities associated with Nuclear Materials and Spent Nuclear Fuel stabilization and disposition (PBS 11C), Solid Waste Stabilization & Disposition (PBS-13), F-Area Surveillance, Maintenance, and Deactivation (PBS 41), Facility Deactivation & Decommission (PBS 30).

# SRS EM PBS's & Site Priorities List Categories

<b>PBS 11C</b> Nuclear Materials Stabilization & Disposition <ul style="list-style-type: none"><li>• Safety</li><li>• Operational Support</li><li>• Making Progress</li></ul>	<b>PBS 13</b> Solid Waste Stabilization & Disposition <ul style="list-style-type: none"><li>• Safety</li><li>• Operational Support</li><li>• Regulatory Commitments</li><li>• Making Progress</li></ul>	<b>PBS 30</b> Soil & Water Remediation, Facilities D&D <ul style="list-style-type: none"><li>• Safety</li><li>• Operational Support</li><li>• Regulatory Commitment</li><li>• Making Progress</li></ul>	<b>PBS 41</b> Surveillance, Maintenance, and Deactivation <ul style="list-style-type: none"><li>• Safety</li><li>• Operational Support</li><li>• Making Progress</li></ul>	<b>PBS 42</b> Infrastructure and Land Management <ul style="list-style-type: none"><li>• Operational Support</li></ul>
<b>PBS 14C</b> Radioactive Liquid Tank Waste Stabilization & Disposition <ul style="list-style-type: none"><li>• Safety</li><li>• Operational Support</li><li>• Regulatory Commitments</li></ul>	<b>PBS 20</b> Safeguards & Security <ul style="list-style-type: none"><li>• Safety</li><li>• Operational Support</li></ul>	<b>PBS 100</b> Community & Regulatory Support <ul style="list-style-type: none"><li>• Operational Support</li></ul>	<b>SRNL 100</b> SR National Laboratory O&M <ul style="list-style-type: none"><li>• Safety</li><li>• Operational Support</li><li>• Making Progress</li></ul>	<b>PBS 101</b> Legacy Pension <ul style="list-style-type: none"><li>• Safety</li></ul>

## Savannah River Site Lead Program Secretarial Office Functions

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The Lead Program Secretarial Office responsibilities will transfer from Environmental Management (EM) to the National Nuclear Security Administration (NNSA). The effective date will be October 1, 2024.

- 85 Federal Employees will be transferring to NNSA
- Contract management for site M&O and non-EM specific contracts will shift to NNSA
- Scope to transfer:
  - K area
  - Overall responsibility for security (EM still has specific missions)
  - Land management functions (Forest Service, ETC)

**DOE-SR requests input from the CAB for Fiscal Year 2026 priorities.**


- **Does the CAB want to maintain the same priorities from FY2025 for FY2026?**



# Last Year's CAB Input to Fiscal Year 2025 Budget

## CAB's FY25 priorities:

- Liquid Waste Program
- Nuclear Materials
- Soil & Waste Remediation, Facilities D&D
- Solid Waste Stabilization & Disposition
- Surveillance, Maintenance, and Deactivation
- Safeguards & Security
- SR National Laboratory (SRNL)
- Infrastructure & Land Management
- Community & Regulatory Support
- Legacy Pension



**SAVANNAH RIVER SITE  
CITIZENS ADVISORY BOARD**

Savannah River Site Citizens Advisory Board

P.O. Box A • Building 730-B • Room 3121 • Aiken, SC 29802

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Gregg Murray

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Jon Richards

**SCDHEC Liaisons**  
Susan Pulmer  
Grace Anne Martin

March 14, 2023

Mr. Michael Budney, Site Manager  
U.S. Department of Energy  
Savannah River Operations Office  
P. O. Box A  
Aiken, South Carolina 29802

Dear Mr. Budney,

The Savannah River Site Citizens Advisory Board (SRS CAB) appreciates the opportunity to provide input to the site's prioritized activities for Fiscal Year (FY) 2025. We ask that the budget request for FY 2025 reflect our priorities and be at a level that guarantees compliance with all state and federal agreements.

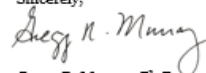
Regarding all Environmental Management mission activities, we prioritize the program baseline summaries as follows:

1. Radioactive Liquid Tank Waste Stabilization & Disposition (14C)
2. Nuclear Materials Stabilization & Disposition (PBS 11C)
3. Soil & Water Remediation, Facilities D&D (PBS 30)
4. Solid Waste Stabilization & Disposition (PBS 13)
5. Surveillance, Maintenance, and Deactivation (PBS 41)
6. Safeguards & Security (PBS 20)
7. SR National Laboratory (SRNL 100)
8. Infrastructure & Land Management (PBS 42)
9. Community & Regulatory Support (PBS 100)
10. Legacy Pension (PBS 101)

The SRS CAB also places a high priority on the complete funding of Payment In-Lieu of Taxes (PILT) to Aiken County, Barnwell County and Allendale County.

Thank you for the opportunity to submit our recommended priorities for the budget request for the Savannah River Site for FY 2025.

Sincerely,



Gregg R. Murray, Ph.D  
Chair, SRS Citizens Advisory Board

cc:  
Amy Boyette, DDFO, DOE-SR

If you have questions or comments, please contact us at:  
Phone: 803-952-7884 • Toll Free: 1-800-249-8155  
Email: [srscitizensadvisoryboard@srs.gov](mailto:srscitizensadvisoryboard@srs.gov)  
For more information about the CAB, visit us at <http://cab.srs.gov>

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# Questions?

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# Backup Slides

# SCDHEC's Input to Fiscal Year 2025 Budget

## SCDHEC's Priorities:

- Treatment of high-level waste and closure of tanks.
- Procure funding to support FY2025 soil and groundwater projects, and where possible procure additional funding to accelerate projects listed in Appendix E.3 of the SRS FFA.
- Procure funding to complete the decommissioning of the F-Area Material Storage Building (235-F) and closure under the FFA.
- Procure funding to complete D&D of the D-Area Powerhouse.
- Procure funding for the C-Area Reactor Building.
- Environmental Surveillance and Oversight Program.



March 30, 2023

Mr. Michael Budney, Site Manager  
U.S. Department of Energy  
Savannah River Operations Office  
P.O. Box A  
Aiken, SC 29802

Re: Savannah River Site FY2025 Budget Request

Dear Mr. Budney,

Thank you for the opportunity for the South Carolina Department of Health and Environmental Control (SCDHEC) to offer input to the Savannah River Site (SRS) FY2025 budget formulation process.

The Department's priorities and recommendations are outlined below.

- SCDHEC's highest priority for the DOE budget is the treatment of high-level waste and closure of tanks.

On December 20, 2022, the South Carolina Department of Health and Environmental Control (DHEC), the United States Department of Energy (DOE) Savannah River Operations Office (SR), and the United States Environmental Protection Agency, Region 4 (EPA) agreed to resolve the Savannah River Site (SRS) Federal Facility Agreement (FFA) Dispute Resolution of November 2007 and most recently revised in the Suspension Agreement (April 2019), by committing to implement the actions of the 2022 High Level Waste Tank Milestones Agreement. These actions, which are now part of the FFA, are consistent with and supportive of the joint SRS Liquid Waste Program Common Values and Goals, established by the three parties, specifically, Goal 1: Reduce risk to the environment by removing waste and closing tanks with a goal of completion of the liquid waste program by 2037.

After reviewing the recently released President's Budget Request (PBR) for Fiscal Year 2024 (FY24), it is of great concern that the requested amount for the Liquid Waste Program (including the Saltstone Disposal Unit construction projects) will not support the agreed upon FFA goals and milestones nor achieve mission completion by 2037. During the milestone negotiation meetings, \$1,046B (escalated)/year was discussed as the cost required to achieve the 2037 completion date and meet the newly agreed upon milestones. With the current inflation rate of 6%, the necessary funding for FY24 is \$1.109B, an alarming difference from the PBR of \$967.160M. To meet the new

S.C. Department of Health and Environmental Control  
2600 Bull Street, Columbia, SC 29201 (803) 898-3432 [www.scdhec.gov](http://www.scdhec.gov)