



# Savannah River Site Presentation

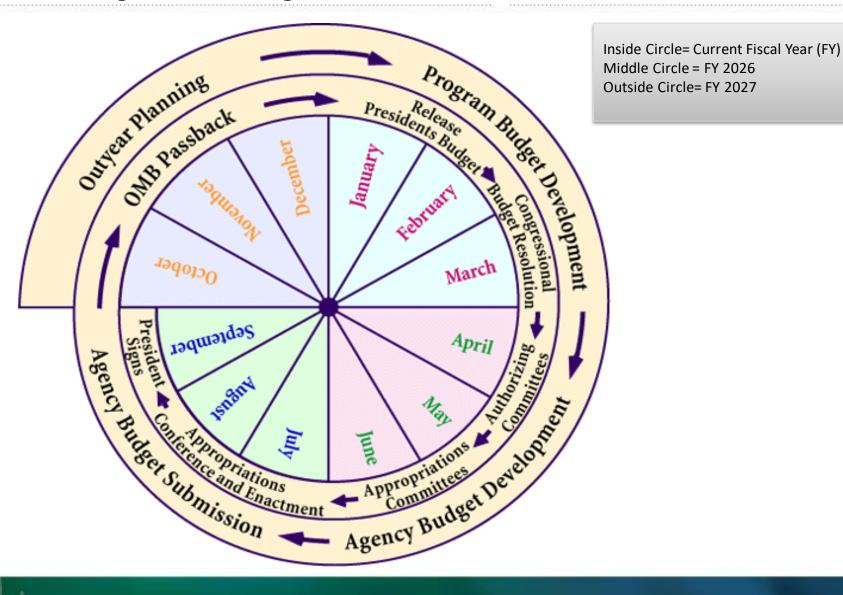
Zach Todd
Team Lead for Budget Formulation
U.S. Department of Energy-Savannah River Operations Office

Citizens Advisory Board (CAB) – Budget Update/Site Priorities Discussion January 2025

## **Purpose**

- ➤ Provide an overview of the Federal Budget Planning Process
- ➤ Review of Fiscal Year 2025 President's Budget Request
- > Review of Fiscal Year 2026 Priorities
- **➤ Discuss Fiscal Year 2027 Planning and the Site Priorities**
- ➤ Request input from the CAB for Fiscal Year 2027 priorities

# **Federal Budget Planning Process**



# **EM Budget Overview**

ENVIRONMENTAL MANAGEMENT						
FY2024						
Dollars in Thousands						
	FY2023	FY2024	EV202E DDD			
	Enacted	Enacted	FY2025 PBR			
<b>Environmental Management</b>	8,262,635	8,482,000	8,228,513			
Savannah River Site	1,807,872	1,811,994	1,617,073			

Environmental Management FY2024		
Enviro	nmental 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
•	<b>Defense Closure Site Activities</b>	3
•	Program Direction	327
•	Mission Support Activities	84
•	Technology Development	36
•	Excess Facilities	6
•	<b>Uranium Thorium Reimbuseme</b>	0
EM To	tal	8,482

## **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 (NNSA Transfer)  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 (Completed FY24) 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

## **FY 2025 PBR**

	FY2023	FY2024	FY2025
	Enacted	Enacted	Request
Defense Environmental Cleanup			
Savannah River Site			
Savannah River Risk Management Operations			
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
Subtotal, Operating	485,864	452,866	400,538
Construction:			
18-D-402 Emergency Operations Center	25,568	34,733	C
19-D-701 SR Security System Replacement	12,000	0	6,000
Subtotal, Construction	37,568	34,733	6,000
Subtotal, Savannah River Risk Management Operations	523,432	487,599	406,538
Savannah River Legacy Pensions			
SR-0101 - SR Legacy Pensions	132,294	33,000	C
Savannah River National Laboratory O&M			
SR-SRNL-0100 - SRNL O&M	41,000	42,000	90,000
Savannah River Community and Regulatory Support			
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, lowlevel 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	FY2024	FY2025
	Enacted	Enacted	Request
Defense Environmental Cleanup			
Radioactive Liquid Tank Waste Stabilization and Disposition			
SR-0014C - Tank Waste	851,660	986,573	971,23
Construction:			
18-D-402 Saltstone Disposal Unit #8, 9	49,832	31,250	
20-D-401 Saltstone Disposal Unit #10, 11, 12	37,668	56,250	82,50
Subtotal, Construction	87,500	87,500	82,50
Subtotal, Radioactive Liquid Tank Waste Stabilization and	939,160	1,074,073	1,053,73
Disposition			
Total, Savannah River Site	1,648,023	1,649,061	1,555,47
Safeguards and Security*			
SR-0020 - S&S	159,849	162,933	61,60
Total, Savannah River Site	1,807,872	1,811,994	1.617.07

## 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.

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

## **Work Plan Topic**

DOE-SR requests input from the CAB for Fiscal Year 2027 priorities.

Does the CAB want to maintain the same priorities from FY2026 for FY2027?

## Last Year's CAB Input to Fiscal Year 2026 Budget

## CAB's FY26 priorities:

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



## SAVANNAH RIVER SITE CITIZENS ADVISORY BOARD

P.O. Box A • Building 730-8 • Room 3121 • Aiken, SC 29802

Phyllis Beitt

BOARD MEMBERS Michelle Bush Carlos Cato Kandace Cave Donald Colson Carolim Fortson Kim Ray

Kenneth Sajwan Sade Shofidiya John Thomas Hubert van Tuyll

DOE Amy Boyette

EPA Ligison Jon Richards

SCDHEC Ligisons Spsan Enlmer Greg O'Quinn

March 25, 2024

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) 2026. We ask that the budget request for FY 2026 reflect our priorities and be at a level that guarantees compliance with all state and rederal agreements.

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

- Radioactive Liquid Tank Waste Stabilization & Disposition (14C)
   Nuclear Materials Stabilization & Disposition (PBS 11C)
   Soil & Water Remediation, Facilities D&D (PBS 30)

- 4. Infrastructure & Land Management (PBS 42) Solid Waste Stabilization & Disposition (PBS 13)
- Surveillance, Maintenance, and Deactivation (PBS 41)
- Safeguards & Security (PBS 20)
- SR National Laboratory (SRNL 100)
- Community & Regulatory Support (PBS 100)

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 2026.

Sincerely,

Chair, SRS Citizens Advisory Board

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: grscitizensadvisoryboard@srs.gov
For more information about the CAB, visit us at http://cab.srs.gov

# Questions?

# **Backup Slides**

## SRSCRO's Input to Fiscal Year 2026 Budget

## SRSCRO's Priorities:

- Treatment of high-level waste and closure of tanks.
- Processing spent nuclear fuel and finalizing Building 235-F for disposition.
- Critical infrastructure improvements, especially Argus upgrade.
- Continue PILT line-item via NNSA and community support via WORC grant.



#### April 2, 2024

Mr. Michael Budney, Manager Department of Energy Savannah River Operations Office RO. Dox A Alken, SC 28002

#### Re: SRSCRO Priorities for the FY2026 SRS Budget Development

#### Dear Mr. Budgey

The SIIS Community Reuse Organization appreciates the opportunity to offer our input as you develop the PY28 budget and priority list for Savannah Niver Site (SIIS). While the budget for Savannah River Site has been steady and somewhat increasing over the last several years, it is prudent to request that SIIS funding continue to increase commensurate with inflation and the general cost of doing business.

As we have stated in past responses, all the missions and programs at SRS are important to the SRS Community Reuse Organization (SRSCRO). It is difficult to place a priority ranking on our list; however, this year we would like to focus on several compelling missions that warrant special consideration and support through increased funding and priority to accomplish its missions.

#### Liquid Weste Program

We believe it is essential that high-level liquid waste (HLW) is removed from the aging underground tanks at SRS in an expeditious manner. The Salt Waste Processing Facility (SWPF) has significantly accelerated the ability to steet the remaining adilocative tank waste at the site. Funding and operation costs for increased feed preparation for SWPF throughput and Defense Waste Processing Facility reliability needs to continue to be a priority at SRS. We encourage additional efforts and funding that includes conversion of fank 42 to handle studge and utilizately reduce long-term costs.

#### Processing Spent Fuel & Storage

Continued operation and funding of H-Canyon remains a priority. It has been a long-standing priority of the SRSCRO to process such waste through H-Canyon and not continually store such material at SRS. H-Canyon is needed to process spent fuct stored in the L-Basin pools. Without if there is no disposition path out of SRS and our community for this nuclear material. Reciping H-Canyon in an operational status, fully funded and fully staffed, until the SRS inventory of research reactor fucts has been fully dispositioned is important until a new solution has been identified, constituted, and is operational.

Funding is necessary to address the final needs of Building 235-F. Currently this building is storing plutonium bearing materials and is ready for disposition and grouting to secure the facility. Adequately funding this project will save the expensive surveillance and maintenance costs currently being endured, while providing security.

sirsero.org