



U.S. DEPARTMENT OF
ENERGY

OFFICE OF
**ENVIRONMENTAL
MANAGEMENT**

Fiscal Year 2015 SRS Environmental Management Congressional Budget Request

Doug Hintze

AMMS / CFO

DOE-Savannah River

South Carolina Governor's Nuclear Advisory Council

April 10, 2014

Purpose

Provide overview of Fiscal Year (FY) 2015 Savannah River Site Office of Environmental Management Congressional Budget Request

Acronyms

ARP/MCU	Actinide Removal Process (ARP) /Modular Caustic Side Extraction Unit (MCU)
CBR	Congressional Budget Request
DWPF	Defense Waste Processing Facility
EM	Department of Energy Office of Environmental Management
FY	Fiscal Year
HEU	Highly-Enriched Uranium
LW	Liquid Waste
PBS	Program/Project Baseline Summary
SWPF	Salt Waste Processing Facility
SDU	Saltstone Disposal Unit
TRU	Transuranic Waste

The FY 2015 SRS Office of Environmental Management (EM) Congressional Budget Request (CBR) continues to prioritize work related to tank closures, nuclear materials and high-level waste disposition missions

- The largest portion of the request supports the Radioactive Liquid Waste Disposition Program
 - Dispositions 1,000,000 gallons of liquid tank salt waste through the Actinide Removal Process (ARP) /Modular Caustic Side Extraction Unit (MCU) facility
 - Produces 120 to 130 canisters of vitrified high-level waste at the Defense Waste Processing Facility (DWPF)
 - Continues Salt Waste Processing Facility (SWPF) construction and infrastructure modifications to support SWPF operations
 - Continues Saltstone Disposal Unit (SDU) 6 construction activities to support low-activity salt disposal
 - Continues tank closure activities on Tanks 12 and 16
- Dispositions surplus plutonium
- Continues processing spent (used) nuclear fuel in H-Canyon and begins processing U.S. origin Canadian liquids of Highly-Enriched Uranium (HEU)
- Continues receipt of non-U.S. origin material from foreign countries in support of the Global Threat Reduction Initiative program and Foreign Research Reactor/Domestic Research Reactor spent (used) nuclear fuel
- Maintains groundwater remediation systems
- Monitors over 2,000 groundwater wells and multiple major bodies of surface water
- Initiates cleanup activities on D-Area Ash Basin
- Continues to pursue completion of legacy transuranic (TRU) waste shipments

FY 2015 SRS Budget Request

EM BUDGET (\$Millions)	FY 2013 Enacted	FY 2013 w/Reprogramming	FY 2014 President's Request	FY 2014 Omnibus Spending Bill	FY 2015 President's Request
PBS 11C Nuclear Materials	206	265	272	272	260
PBS 12 Used Nuclear Fuel	38	40	45	45	43
PBS 13 Solid Waste	31	43	60	60	47
PBS 30 Soil & Groundwater Remediation	38	50	55	55	66
SRS Risk Management Operations	313	398	432	432	416
PBS 14C Radioactive Liquid Tank Waste	613	613	553	566	551
PBS 14C Saltstone Disposal Unit #6*	0	0	0	0	37
PBS 14C Glass Waste Storage Building #3	3	0	0	0	0
PBS 14C Salt Waste Processing Facility	156	72	92	125	135
SRS Environmental Cleanup	1,085	1,083	1,077	1,123	1,139
PBS 100 Community & Regulatory Support	9	11	11	11	11
PBS 20 Safeguards & Security	120	120	121	121	132
SRS EM Programs Budget Authority	1,214	1,214	1,209	1,255	1,282

*Saltstone Disposal Unit #6 becomes a Line Item Capital Asset Project in FY 2015

Questions ?