



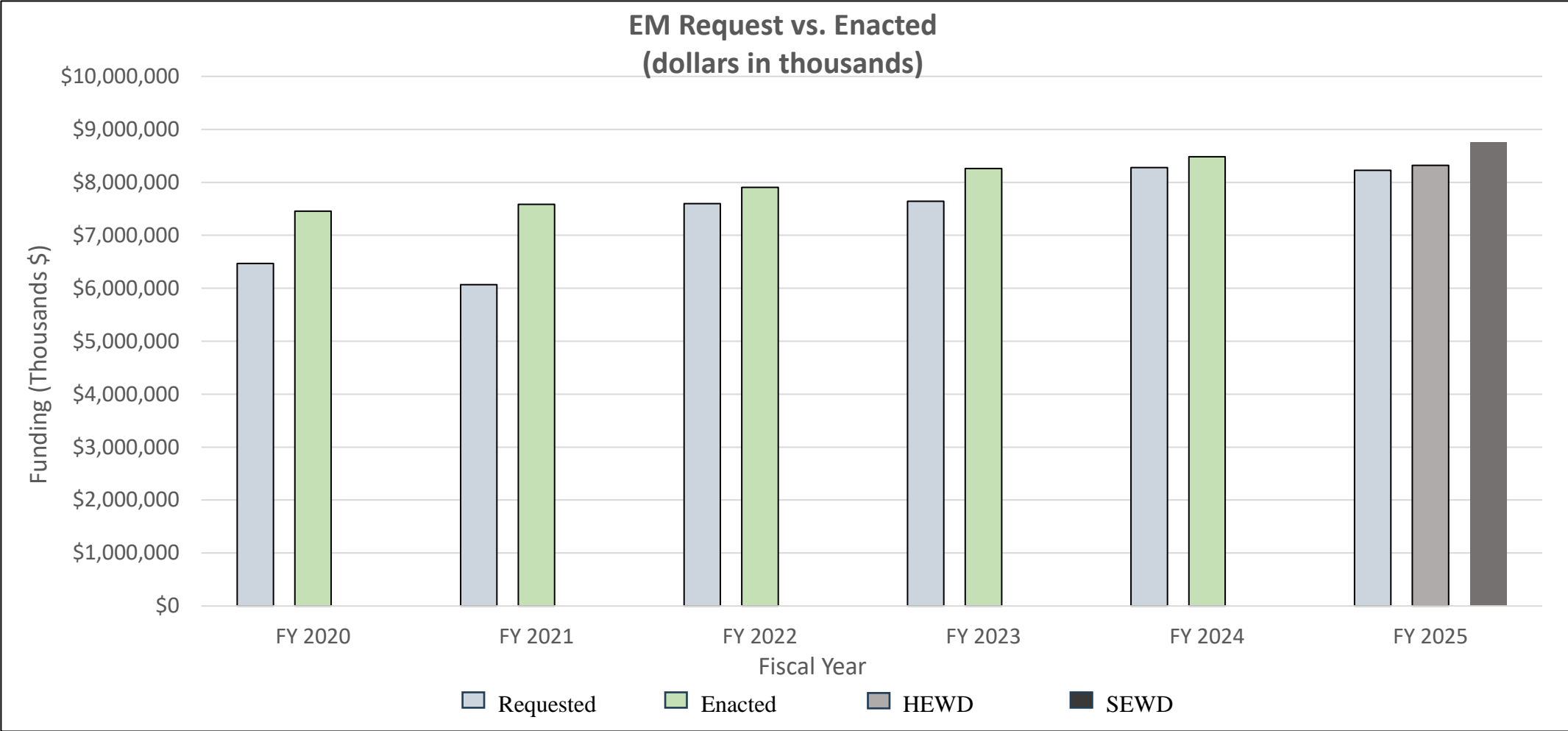
U.S. DEPARTMENT *of* ENERGY

Office of Environmental Management

Fiscal Year 2025 Budget Request

Steve Trischman and Marianna Du Bosq
EM SSAB Chairs Meeting - April 23, 2025

EM Request vs Enacted Budget



Six Primary Mission Areas

**Special Nuclear
Materials & Spent
Nuclear Fuel**
\$472M / 6%

**TRU & Solid
Waste**
\$1,041M / 13%

**Soil &
Groundwater**
\$571M / 7%

EM's FY 2025 Congressional Budget Request - \$8.229 Billion Total

Radioactive Tank Waste
\$3,258M / 40%

Facility D&D
\$1,484M / 18%

Site Services
\$1,402M / 17%

EM Sites								FY 2025 (\$M)
Savannah River	✓	✓	✓	✓	✓	✓	✓	1,617
River Protection		✓					✓	2,001
Richland			✓	✓	✓	✓	✓	1,107
Idaho	✓	✓	✓	✓	✓	✓	✓	471
Oak Ridge	✓		✓	✓	✓	✓	✓	658
Portsmouth	✓			✓			✓	600
Paducah	✓			✓			✓	330
Carlsbad			✓				✓	437
Los Alamos			✓	✓		✓	✓	281
West Valley			✓	✓			✓	97
All Others			✓	✓	✓	✓	✓	630

FY 2025 Request

FY 2025 Request by Site (dollars in thousands)	FY 2024 Enacted	FY 2025 Request	FY 2025 Request vs FY 2024 Enacted	% Change FY 2025 Request vs FY 2024 Enacted	FY 2025 HEWD	FY 2025 SEWD
Carlsbad	474,613	436,729	-37,884	-8.0%	436,729	477,309
ETEC	18,000	10,000	-8,000	-44.4%	10,000	10,000
Idaho	489,705	471,043	-18,662	-3.8%	504,511	476,043
Los Alamos	292,479	280,937	-11,542	-3.9%	280,937	280,937
Lawrence Livermore	36,879	1,917	-34,962	-94.8%	1,917	30,380
Lawrence Berkeley	6,000	0	-6,000	-100.0%	0	0
Moab	67,000	64,200	-2,800	-4.2%	67,000	64,200
Nevada	73,352	63,377	-9,975	-13.6%	63,377	75,377
Oak Ridge	694,292	657,705	-36,587	-5.3%	735,000	713,521
Richland	1,145,866	1,106,914	-38,952	-3.4%	1,106,914	1,134,235
River Protection	1,890,000	2,001,165	111,165	5.9%	2,001,165	2,208,165
Paducah	333,976	330,316	-3,660	-1.1%	333,834	346,122
Portsmouth	579,611	599,926	20,315	3.5%	602,272	605,733
Savannah River*	1,811,994	1,617,073	-194,921	-10.8%	1,667,811	1,716,838
SPRU	15,300	845	-14,455	-94.5%	845	845
Sandia	2,264	1,816	-448	-19.8%	1,816	1,816
West Valley	95,745	96,757	1,012	1.1%	96,757	96,757
Defense Closure Site Activities	3,023	1,350	-1,673	-55.3%	1,350	1,350
Program Direction*	326,893	334,958	8,065	2.5%	326,893	355,000
Mission Support Activities	83,504	115,885	32,381	38.8%	75,885	105,803
Technology Development	35,569	30,600	-4,969	-14.0%	35,569	35,000
Excess Facilities	5,935	0	-5,935	-100.0%	0	15,751
Use of Mercury Receipts	3,000	3,000	0	0.0%	3,000	0
Use of Mercury Receipts	-3,000	-3,000	0	0.0%	-3,000	0
Uranium Thorium Reimbursements	0	5,000	5,000	100.00%	5,000	5,818
D&D Fund Deposit	285,000	384,957	99,957	35.1%	0	577,000
Subtotal, EM	8,767,000	8,613,470	-153,530	-1.8%	8,355,582	9,334,000
UED&D Fund Offset	-285,000	-384,957	-99,957	35.1%	0	-577,000
Use of Prior Year Balances (Def)	0	0	0	0.0%	-35,400	0
Total, EM	8,482,000	8,228,513	-253,487	-3.0%	8,320,182	8,757,000

* NNSA transfer of \$173M will not occur in FY 2025



FY 2025 Request

FY 2025 Request by Appropriation (dollars in thousands)

FY 2025 Request by Site (dollars in thousands)	FY 2024 Enacted	FY 2025 Request	FY 2025 Request vs FY 2024 Enacted	% Change FY 2025 Request vs FY 2024 Enacted	FY 2025 HEWD	FY 2025 SEWD
Appropriation Summary						
Defense Environmental Cleanup*	7,285,000	7,059,695	-225,305	-3.1%	7,167,400	7,550,000
Defense Uranium Enrichment D&D	285,000	384,957	99,957	35.1%	0	577,000
Non-Defense Environmental Cleanup	342,000	314,636	-27,364	-8.0%	324,000	342,000
Uranium Enrichment D&D Fund	855,000	854,182	-818	-0.1%	864,182	865,000
Subtotal	8,767,000	8,613,470	-153,530	-1.8%	8,355,582	9,334,000
Offsets	-285,000	-384,957	-99,957	35.1%	0	-577,000
Use of Prior Year Balances (Defense)	0	0	-253,487	-3.0%	-35,400	8,757,000
Grand Total, EM	8,482,000	8,228,513	-253,487	-3.0%	8,320,182	8,757,000

FY 2025 Technology Development and S&S Crosscut (dollars in thousands)

FY 2025 Request by Site (dollars in thousands)	FY 2024 Enacted	FY 2025 Request	FY 2025 Request vs FY 2024 Enacted	% Change FY 2025 Request vs FY 2024 Enacted	FY 2025 HEWD	FY 2025 SEWD
TD Congressional Control Total:	35,569	30,600	-4,969	-14.0%	35,569	35,000
Technology Investment Total:	38,569	33,900	-4,669	-12.1%	38,869	41,821
Safeguards and Security Total:	352,645	265,197	-87,448	-24.8%	265,197	275,000

*FY 2025 HEWD Defense Appropriation will be \$7,132,000 after PY Offset shown in offset line at the bottom of the table.



Hanford FY 2025 Request

FY 2025 Request by Site (dollars in thousands)	FY 2024 Enacted	FY 2025 Request	FY 2025 Request vs FY 2024 Enacted	% Change FY 2025 Request vs FY 2024 Enacted
Hanford	3,035,866	3,108,079	72,213	2.3%

Tank Farm Activities

- Continue pretreatment of tank waste via operations of the Tank Side Cesium Removal unit
- Continue Single-Shell Tank Waste Retrieval activities
- Complete multiple 242-A Evaporator campaigns
- Operate upgraded Effluent Treatment Facility and Liquid Effluent Retention Facility
- Continuation of Technology Development Roadmap

Waste Treatment and Immobilization Plant

- Continuing to advance commissioning of Direct-Feed Low-Activity Waste (DFLAW) through the initiation of melter startup and hot commissioning
- Continue high level waste engineering and design, as well as initiate construction for those systems at 90% design complete

Central Plateau Remediation

- Continues groundwater treatment progress (pump and treat)
- Operates Integrated Disposal Facility
- Continues activities to prepare for the transfer of cesium-strontium capsules to dry storage
- Ensures infrastructure reliability that supports DFLAW operations and other cleanup operations

River Corridor and Other Cleanup Operations

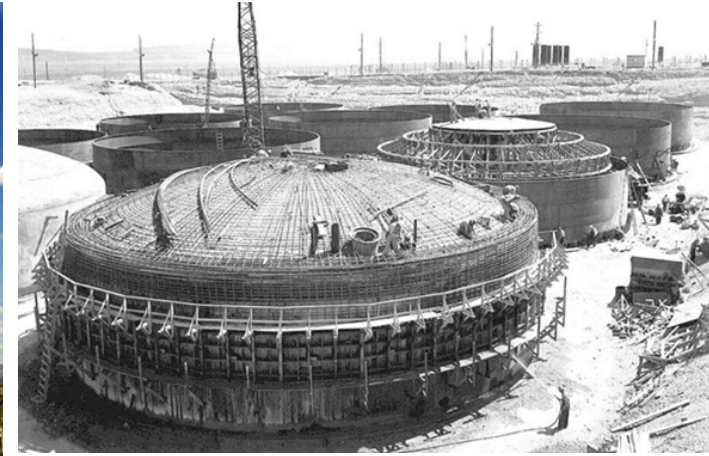
- Continues risk mitigation activities
- Continues 324 Building deactivation in preparation for demolition.

Richland Community and Regulatory Support

- Supports Payment In-Lieu of Taxes and other community and regulatory activities

Construction

- Supports five Line-Item Construction projects that provide the infrastructure necessary to support operations on the site



Savannah River FY 2025 Request

FY 2025 Request by Site (dollars in thousands)	FY 2024 Enacted	FY 2025 Request	FY 2025 Request vs FY 2024 Enacted	% Change FY 2025 Request vs FY 2024 Enacted
Savannah River*	1,811,994	1,617,073	-194,921	-10.8%

Radioactive Liquid Tank Waste Stabilization and Disposition

- Produces up to 278 canisters in the Defense Waste Processing Facility (DWPF)
- Planning to maximize production by operating at a rate of 6 million gallon/year through the Salt Waste Processing Facility (SWPF)
- Install tank waste retrieval systems to provide uninterrupted operations of SWPF and DWPF
- Initiate closure activities for one old-style tank with heel removal

Savannah River Risk Management Operations

- Supports accelerated basin deinventory of SNF
- Supports the down blending and shipment to WIPP of PU oxide in K-area
- Supports foreign and domestic spent nuclear fuel receipts
- Continues legacy TRU waste shipments to WIPP
- Supports continuation of F/H lab deactivation
- Supports S&M and in situ decommissioning of the F-area Material Storage building (235-F)
- Continues soil/groundwater remediation

Construction

- Supports construction for L-Area ARGUS

SRNL Operations and Maintenance

- Supports SRNL operation and maintenance

Savannah River Community and Regulatory Support

- Supports community and regulatory activities

Construction

- Continues construction of Saltstone Disposal Units 10, 11 and 12 on schedule to dispose of the decontaminated salt solution produced by SWPF



*NNSA transfer of \$158M including PILT (\$7M) will not occur in FY 2025.



Carlsbad FY 2025 Request

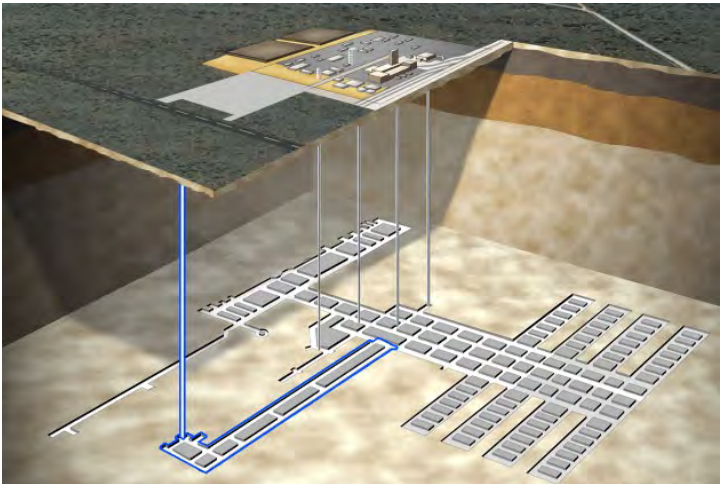
FY 2025 Request by Site (dollars in thousands)	FY 2024 Enacted	FY 2025 Request	FY 2025 Request vs FY 2024 Enacted	% Change FY 2025 Request vs FY 2024 Enacted
Carlsbad	474,613	436,729	-37,884	-8.0%

Waste Isolation Pilot Plant

- Waste Isolation Pilot Program continues to average up to 17 Transuranic waste shipments per week from DOE sites across the country
- Continues emplacement activities in Panel 8 and TRU shipments
- Purchases additional zero-emission mining vehicles
- Conducts Central Characterization Project activities to support transuranic waste disposition at EM sites
- Modernizes degraded facility structures, systems, and components
- Continues transportation activities
- Maintains package certification and associated required maintenance for packages used: TRUPACT IIs and Half PACTS

Construction

- Construction activities for the Safety Significant Confinement Ventilation System and Utility Shaft (formerly Exhaust Shaft) will conclude by the end of FY 2025 and in the first quarter of FY 2026 respectively



Idaho FY 2025 Request

FY 2025 Request by Site (dollars in thousands)	FY 2024 Enacted	FY 2025 Request	FY 2025 Request vs FY 2024 Enacted	% Change FY 2025 Request vs FY 2024 Enacted
Idaho	489,705	471,043	-18,662	-3.8%

Idaho Cleanup and Waste Disposition

- Accepts shipments of Advanced Test Reactor (ATR) fuel
- Continue transfer of spent nuclear fuel from first generation vaults to second generation vaults
- Continues sodium-bearing waste treatment operations at the Integrated Wasted Treatment Unit
- Continues closure activities of the Radioactive Waste Management Complex (RWMC) facilities
- Completes decontamination and demolition of Subsurface Disposal Area (SDA) structures at RWMC
- Continues certification and shipping of transuranic waste, low level waste, and maintains the capability to dispose mixed low-level waste.
- Continues activities to cap the Subsurface Disposal Area at RWMC

Construction

- Continues planned progress on engineering and design work for the Spent Fuel Staging Facility
- Continues construction of the Idaho CERCLA Disposal Facility cell expansion
- Continues planned progress on technology validation studies for Calcine.

Idaho Community and Regulatory Support

- Conducts site-wide environmental compliance and oversight

Small Sites

- Continues to monitor Ft. St. Vrain and Three Mile Island Spent nuclear fuel storage including payments to the Nuclear Regulatory Commission for license and licensing-related activities



Oak Ridge FY 2025 Request

FY 2025 Request by Site (dollars in thousands)	FY 2024 Enacted	FY 2025 Request	FY 2025 Request vs FY 2024 Enacted	% Change FY 2025 Request vs FY 2024 Enacted
Oak Ridge	694,292	657,705	-36,587	-5.3%

U233 Disposition Program

- Continues Uranium-233 down blending operations

OR Cleanup Disposition

- Continues processing and shipping transuranic debris waste to the Waste Isolation Pilot Plant

OR Nuclear Facility D&D

- Operates the Environmental Management Waste Management Facility and other Oak Ridge landfills
- Maintains liquid, gaseous and process waste operations systems in support of the EM and Science missions
- Continues Y-12 and ORNL cleanup of high priority excess facilities

OR Technology Development and Deployment

- Continues planned mercury technology development activities

OR Reservation Community and Regulatory Support

- Continues support to the State of Tennessee for conducting annual oversight, monitoring, and reporting

Construction

- Continue construction activities on the On-Site Waste Disposal Facility (OSWDF) and Mercury Treatment Facility to support future cleanup

Oak Ridge

- Conducts characterization and slab, soil and groundwater remediation and other activities required to complete cleanup of the East Tennessee Technology Park site

Pension and Community and Regulatory Support

- Continues funding of contractor liabilities associated with post-retirement life, medical benefits, and pensions



Los Alamos FY 2025 Request

FY 2025 Request by Site (dollars in thousands)	FY 2024 Enacted	FY 2025 Request	FY 2025 Request vs FY 2024 Enacted	% Change FY 2025 Request vs FY 2024 Enacted
Los Alamos	292,479	280,937	-11,542	-3.9%

Los Alamos

- Completes retrieval, size reduction and repackaging of the below-grade transuranic waste (Corrugated Metal Pipes) at Area G
- Continues to characterize and certify transuranic waste and support shipments to Waste Isolation Pilot Plant
- Completes retrieval of DOE transuranic waste from below grade storage to an above grade facility at Waste Control Specialists LLC commercial facility in Texas
- Continues investigation and remediation in Upper Water Watershed Campaign
- Continues the Chromium Plume Control Interim Measure
- Install 2 and initiate 3 groundwater monitoring wells required by the New Mexico Environment Department
- Completes the Southern External Boundary and the Pajarito Watershed Consent Order Campaign

Los Alamos Excess Facilities D&D

- Continues deactivation and decommissioning of a deactivated National Nuclear Security Administration excess high-risk facility (Ion Beam Facility)



Portsmouth FY 2025 Request

FY 2025 Request by Site (dollars in thousands)	FY 2024 Enacted	FY 2025 Request	FY 2025 Request vs FY 2024 Enacted	% Change FY 2025 Request vs FY 2024 Enacted
Portsmouth	579,611	599,926	20,315	3.5%

Portsmouth

- Completes deactivation and pre-demolition and initiates demolition of the X-333 process building
- Continues deactivation of the X-330 process building
- Continues debris placement in the On-Site Waste Disposal Facility
- Continues progress on the 5-Unit plume excavations to provide engineered fill for debris placement in the On-Site Waste Disposal Facility

Construction

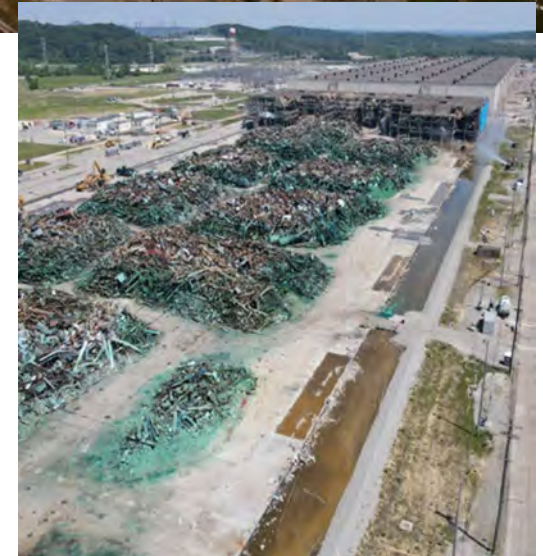
- Continues construction of the On-Site Waste Disposal Facility (OSWDF) CAP 2 project, including the completion of Cell Liner 2 to support X-333 process building demolition
- Initiates design of the third OSWDF project (CAP-3)

Pension and Community and Regulatory Support

- Continues defense against legal claims, and payment into the Portsmouth pension
- Supports Ohio EPA oversight, the designated Site-Specific Advisory Board, and community outreach grant for the local area

Depleted Uranium Hexafluoride Plants

- Conducts operations of the DUF6 conversion facility
- Completes a cylinder evacuation improvement project



Paducah FY 2025 Request

FY 2025 Request by Site (dollars in thousands)	FY 2024 Enacted	FY 2025 Request	FY 2025 Request vs FY 2024 Enacted	% Change FY 2025 Request vs FY 2024 Enacted
Paducah	333,976	330,316	-3,660	-1.1%

Paducah

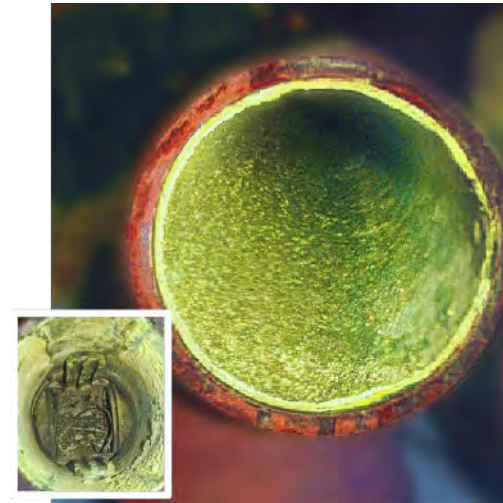
- Continues C-333 process building characterization and uranium deposit removal
- Continues segmentation and downsizing of C-333 Process Building converters and conduct C-333 bundle compaction
- Continues C-400 Complex Remedial activities to meet regulatory enforceable agreement milestones
- Continues the disposition of R-114 Refrigerant (Freon) offsite to reduce the overall site risk
- Completes demolition of 8 Balance of Plant structures
- Continues development of the comprehensive cleanup strategy to advance decisions for environmental media, decontamination and decommissioning, and waste disposition

Pension and Community and Regulatory Support

- Continues to ensure requirements are met regarding the Federal Facility Agreement and Agreement-in-Principle grants
- Continues support to the Citizens Advisory Board

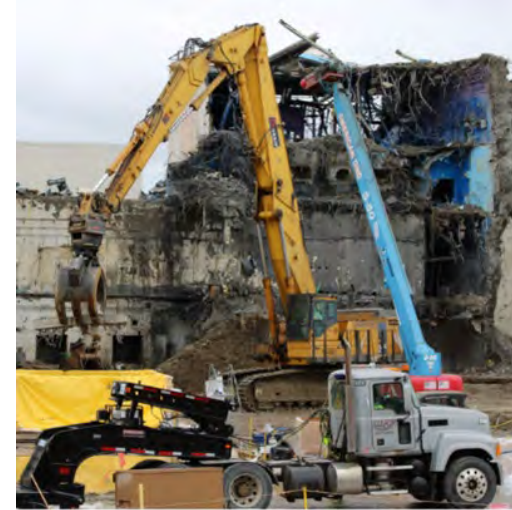
Depleted Uranium Hexafluoride Plants

- Conducts operations of the DUF6 conversion facility
- Continues infrastructure to support the disposition of oxide and heel/empty cylinders
- Completes a cylinder evacuation improvement project.



EMCBC Small Sites FY 2025 Request

FY 2025 Request by Site (dollars in thousands)	FY 2024 Enacted	FY 2025 Request	FY 2025 Request vs FY 2024 Enacted	% Change FY 2025 Request vs FY 2024 Enacted
ETEC	18,000	10,000	-8,000	-44.4%
Lawrence Livermore	36,879	1,917	-34,962	-94.8%
Lawrence Berkeley	6,000	0	-6,000	-100.0%
Moab	67,000	64,200	-2,800	-4.2%
Nevada	73,352	63,377	-9,975	-13.6%
SPRU	15,300	845	-14,455	-94.5%
Sandia	2,264	1,816	-448	-19.8%
West Valley	95,745	96,757	1,012	1.1%
Defense Closure Site Activities	3,023	1,350	-1,673	-55.3%
Excess Facilities	5,935	0	-5,935	-100.0%



West Valley

- Completes demolition of the above grade portion of the Main Plant Process Building
- Ships all newly generated waste for off-site disposal
- Stores legacy and newly generated transuranic waste
- Maintains the underground storage tanks, the Nuclear Regulatory Commission-Licensed Disposal Area, and the Permeable Treatment Wall
- Repairs and restore Lake 1 Spillway
- Continues disposition of legacy waste

Moab:

- Continues ~1 million tons mill tailings shipments
- Remediates groundwater
- Installs disposal cell cover
- Disposal cell construction



EMCBC Small Sites FY 2025 Request (continued)

Nevada

- Continues progress towards risk-informed closure of 82 remaining subsurface contaminated groundwater and 8 contaminated industrial-type sites
- Continues operation of the Radioactive Waste Management Complex

ETEC:

- Continues site surveillance and maintenance, groundwater and air monitoring, soil and groundwater planning to prepare for the initiation of groundwater cleanup

NNSA Sites

Lawrence Livermore National Lab:

- Supports the Lawrence Livermore National Laboratory Site 300 Environmental Restoration Project and the grants with the State of California Regional Water Quality Control Board and Department of Toxic Substances

LLNL Excess Facilities D&D:

- Complete Building 175 slab and soil removal
- Complete Building 251 demolition to slab
- Complete Building 280 demolition

SPRU

- Supports treatment of a portion of the remaining waste at the SPRU site based on selected treatment alternative and dispose of the waste

Sandia

- Continues groundwater monitoring and remediation planning, support, and characterization

