EM CY24 MISSION & PRIORITIES



MISSION STATEMENT:

To complete the safe cleanup of the environmental legacy brought about from decades of nuclear weapons development and government-sponsored nuclear energy research.

PRIORITY #1: ACHIEVE SIGNIFICANT CONSTRUCTION MILESTONES

- Complete construction of Savannah River Site (SRS) Saltstone Disposal Unit 9
- Install all the exterior walls and roof to progress construction of the Advanced Manufacturing Collaborative in Aiken, South Carolina
- Complete commissioning of the Waste Isolation Pilot Plant (WIPP) Safety Significant Confinement Ventilation System, and initiate the readiness review process
- Complete the Cold Commissioning Management Assessment of the Waste Treatment and Immobilization Plant at Hanford

PRIORITY #2: EXECUTE KEY CLEANUP PROJECTS

- Treat 100,000 cumulative gallons of radioactive sodium-bearing tank waste at the Idaho Integrated Waste Treatment Unit
- Transfer SRS landlordship from EM to the National Nuclear Security Administration
- Complete 40 transuranic (TRU) waste shipments to WIPP from Los Alamos
- Receive 450 total TRU waste shipments at WIPP, while ensuring there is no backlog of shipments at Los Alamos
- Process 35 canisters of material from the U-233 Disposition Project at Oak Ridge
- Complete removal of a cumulative 15 million tons of radioactive material from Moab
- Complete the size reduction and repackaging of 158 corrugated metal pipes at Los Alamos
- Complete disposition of 1 million pounds of R-114 refrigerant at Paducah
- Treat 2 billion gallons of groundwater at Hanford
- Dispose of a cumulative 20,000 tons of waste since starting the Main Plant Process Building demolition project at West Valley
- Complete pre-demolition abatement and hazard removal at Building 251 at Lawrence Livermore National Laboratory
- Initiate installation of Test Bed Initiative waste treatment equipment at Hanford
- Complete six spent nuclear fuel dissolutions at the SRS H-Canyon as part of the Accelerated Basin De-inventory mission
- Complete retrieval of 74 standard waste boxes to above-ground storage at Waste Control Specialists in Texas

PRIORITY #3: REDUCE THE EM FOOTPRINT

- Complete demolition of the remaining Accelerated Retrieval Project enclosures at the Subsurface Disposal Area at Idaho
- Initiate demolition of the Alpha 2 building at the Y-12 National Security Complex at Oak Ridge
- Complete below-grade demolition of the Q-Complex at Knolls Atomic Power Laboratory in New York
- Complete demolition of Building 3901 and four ancillary structures at the Engine Maintenance, Assembly and Disassembly Facility at the Nevada National Security Sites
- · Complete dewatering and grouting of the K West Basin at Hanford
- Complete soil remediation under the former Gaseous Diffusion Plant (GDP) support facilities at the Oak Ridge East Tennessee Technology Park
- Complete deactivation of the X-333 uranium enrichment process building at Portsmouth

PRIORITY #4: AWARD CONTRACTS THAT ENABLE ACCELERATED PROGRESS

- Issue Naval Reactors Deactivation, Decommissioning and Removal Task Order
- Award Elemental Mercury Contract
- Issue Phase 1B Request for Proposal for West Valley Deactivation and Demolition

PRIORITY #5: DRIVE INNOVATION AND IMPROVE PERFORMANCE

- Meet 5% small business goal
- Award and distribute \$20 million in grants to Minority Serving Institutions
- Install 20 electric vehicle charging ports at EM sites
- Place orders for 175 zero-emission vehicles
- Select a carbon-free electricity project for development at Hanford