

KEY PERFORMANCE MEASURES

GOLD CHART METRICS (Measures/Units)	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
Depleted and Other Uranium packaged for disposition (metric tons)								
Enriched Uranium packaged for long-term storage (# of containers)								
High-Level Waste packaged for final disposition (# of containers)								
Industrial Facility Completions (# of facilities)								
Liquid Waste in Inventory eliminated (millions of gallons)								
Liquid Waste Tanks closed (# of tanks)								
Low-Level and Mixed Low-Level Waste disposed (cubic meters)								
Material Access Areas eliminated (# of areas)								
Nuclear Facility Completions (# of facilities)								
Plutonium Metal or Oxide packaged for long-term storage (# of containers)								
Plutonium or Uranium Residues packaged for disposition (kg/bulk)								
Radioactive Facility Completions (# of facilities)								
Remediation Complete (# of release sites)								
Spent Nuclear Fuel packaged for final disposition (MTHM)								
Transuranic Waste shipped for disposal at WIPP (cubic meters)								

Key Performance Measure Definitions

Plutonium Metal or Oxide packaged for long-term storage (number of containers): Number of certified DOE storage/treatment/disposal (STD) 3013 containers (or equivalent) of plutonium metal or oxide packaged ready for long-term storage.

Enriched Uranium packaged for long-term storage (number of containers): Number of certified containers packaged ready for long-term storage.

Plutonium or Uranium Residues packaged for disposition (kg of bulk material): Kilograms residue material packaged ready for disposition/disposal.

Depleted and other Uranium packaged for disposition (metric tons): Number of metric tons of depleted and natural uranium packaged in a form suitable for disposition.

Liquid Waste in Inventory eliminated (millions of gallons): Radioactive liquid tank waste (and other forms such as sludge and saltcake) volume is counted when the inventory is reduced. This measure refers to waste traditionally called “high-level” waste, such as waste in the 177 tanks at Hanford. The radioactive liquid tanks waste inventory should not reflect any volume changes due to processing.

Liquid Waste Tanks closed (number of tanks): Tanks are counted when they reach the point of closure; closure is any endpoint as defined in a final, approved record of decision, and may include clean closure or in-place closure for the wastes described in the previous measure.

High-Level Waste packaged for final disposition (number of containers): Containers/canisters ready for disposal.

Spent Nuclear Fuel packaged for final disposition (metric tons of heavy metal [MTHM]): Heavy metal mass of spent nuclear fuel ready for final disposition. Packaging for transport is not included unless no further packaging is required after transport.

Transuranic Waste shipped for disposal (cubic meters): Number of cubic meters transuranic (TRU)/TRU-mixed shipped for disposal at the Waste Isolation Pilot Plant (WIPP).

Low-Level and Mixed Low-Level Waste disposed (cubic meters): Number of cubic meters of low-level and mixed low-level waste disposed. Disposal quantities should include onsite disposal of a site's own waste, waste shipped to a commercial facility for disposal, and waste shipped to another DOE site for disposal. Waste generated from ongoing processing operations should be included in this measure; remediation waste should not be included in this measure.

Material Access Areas eliminated (number of areas): Number of DOE 5633.3B Material Access Areas (MAAs) eliminated. When a MAA is eliminated, DOE-required MAA security and safeguard standards are no longer applied to the area.

Nuclear Facility Completions (number of facilities): Number of nuclear facilities that have reached their end state within the EM program. This endpoint should correspond to one of the following: decommissioning, deactivation, dismantlement, demolition, or responsibility for the facility is transferred to another program or owner. Facilities should not be reported more than once. If a facility is included in the radioactive or industrial facility measures, it should not be reported in the nuclear facility measure.

Radioactive Facility Completions (number of facilities): Number of radioactive facilities that have reached their end state within the EM program. This endpoint should correspond to one of the following: decommissioning, deactivation, dismantlement, demolition, or responsibility for the facility is transferred to another program or owner. Facilities should not be reported more than once. If a facility is included in the nuclear or industrial facility measures, it should not be reported in the radioactive facility measure.

Industrial Facility Completions (number of facilities): Number of industrial facilities that have reached their end state within the EM program. This endpoint should correspond to one of the following: decommissioning, deactivation, dismantlement, demolition, or responsibility for the facility is transferred to another program or owner. Facilities should not be reported more than once. If a facility is included in the nuclear or radioactive facility measures, it should not be reported in the industrial facility measure.

Remediation Complete (number of release sites): A release site is considered complete after regulatory approval is obtained and no additional EM resources are required except for long-term stewardship. This will occur after an assessment or evaluation (i.e., no action decision), or after active remediation is complete.

Geographic Sites eliminated (number of sites): A site in its entirety (e.g., Fernald) is “complete” when active remediation has been completed in accordance with the terms and conditions of cleanup agreements (e.g., records of decision, permits). Stewardship or non-EM activities may be on going after site completion.