

**Comprehensive Program Profile (Sum -9)****Office of Environmental Management - Most Current Actual Data**

Data Sources: Facility Information Management System - November 2003  
EM Corporate - FY 2001 Update

Facility Status	Reported Number of Facilities
Operating	2,788
Operational Standby	79
Shutdown Pending Transfer	21
Shutdown Pending D&D	392
D&D in Progress	43
Operating Pending D&D	163
Operating Under an Outgrant	162
Transfer to Another Federal Agency	7
Sale	4
Demolished	20
Deactivation	208
Shutdown Pending Disposal	39
No Information Provided	2,272
<b>Total</b>	<b>6,198</b>

Hazard Category Group *	Reported Number of Facilities
Radiological	816
Chemical Hazard	75
Radiological & Chemical Hazard	32
Not Applicable	4,983
No Information Provided	292
<b>Total</b>	<b>6,198</b>

\* For the purposes of the CID, facilities with a "Radiological" Hazard Category Group are broadly defined to include those facilities that meet the definition for either Nuclear Facility Category 1, Nuclear Facility Category 2, Nuclear Facility Category 3, or Radiological Facility as defined in DOE Standard 1027-92. Facilities with a "Chemical Hazard" Hazard Category Group are those that contain quantities of chemicals that exceed the threshold quantity for those chemicals as defined by OSHA's Chemical Process Safety regulation 29 CFR 1910.119, Appendix A. Facilities with a "Radiological and Chemical Hazard" Hazard Category Group are those that meet the Radiological and Chemical Hazard definition. The Hazard Category Group of "Not Applicable" refers to facilities that do not meet either the Radiological or Chemical Hazard definition. "No Information Provided" is listed for a facility when no information pertaining to the Hazard Category Group is available.

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**Radioactive Waste Summary - 2000 Actual Data**

Waste Type	Starting Inventory (m3)*	Reporting Period Additions (m3)*			Reporting Period Disposition Quantity (m3)*			Ending Inventory (m3)
		New	Process Outputs	Receipts	Treatment	Disposal	Other	
High Level Waste	332,544.3290	14,166.475	13,112.303	0.000	6,179.160	0.000	7,123.000	353,500.7770
High Level Waste - Vitrified	960.0000	0.000	241.000	0.000	0.000	0.000	0.000	1,201.0000
Low Level Waste	116,997.6860	32,048.050	49,971.687	25,984.240	8,606.305	51,321.670	40,211.930	99,312.5990
Mixed Low Level Waste	39,789.8960	10,702.773	9,624.467	46.400	3,853.386	9,838.475	4,152.531	43,909.9800
Transuranic Waste	108,281.6410	1,469.700	4,151.470	332.700	0.000	734.390	2,427.270	110,436.2450

\* For Vitrified HLW, quantities are shown in "Number of HLW Canisters."

HLW generation data in the CID includes waste volumes that are incidental to the reprocessing of HLW.

Other Waste includes 11e(2) Byproduct Waste and Unspecified Waste.  
Reported quantities do not include Groundwater or Wastewater.

Material balance may not be reflected in some CID reports for 1999 and 2000 data because inventory adjustments have been incorporated in the Ending Inventories.

Other Processing is calculated by adding the values for NPDES discharges, recycling, other processing, and return to remediation unit.

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<b>Spent Nuclear Fuel Summary - 2000 Actual Data</b>								
<b>Site</b>	<b>SNF Amount to be Managed (MTHM)**</b>				<b>SNF Final Disposition (MTHM)**</b>			
	<b>Starting Inventory</b>	<b>On-Site Generation</b>	<b>Off-Site Receipts</b>	<b>Total</b>	<b>On-Site Treatment</b>	<b>Ship to other DOE Site for Management/Storage</b>	<b>Ship for Disposal</b>	<b>Total</b>
Spent Nuclear Fuel	2,455.0392	0.7510	0.3850	2,456.1752	14.3110	0.0000	0.0000	14.3110

\*\*\* SNF amounts are reported in metric tons of heavy metal (MTHM)

Mass is not conserved (ie. Total SNF Amount to be Managed and Total SNF Final Disposition are not equal) because this report presents data for only one year in the stream lifecycle". The difference between Total SNF to Be Managed and Total SNF Final Disposition is the ending inventory for the current year shown on the report.

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**Ex-Situ Contaminated Media Summary - 2000 Actual Data**

Waste Type	Starting Inventory (m3)*	Reporting Period Additions (m3)*			Reporting Period Disposition Quantity (m3)*			Ending Inventory (m3)
		New	Process Outputs	Receipts	Treatment	Disposal	Other	
Low Level Waste	73,516.0256	530,421.920	118,540.330	0.000	99,414.800	561,955.841	3,800.790	57,653.1446
Mixed Low Level Waste	2,517.3169	23,365.495	1,741.260	0.000	22,789.200	2,495.769	264.700	1,959.4028
Transuranic Waste	11.0000	9.250	1,746.010	0.000	0.000	0.000	1,755.260	11.0000
Other	99,450.0000	5,452.560	1,014.000	0.000	0.000	183,013.000	5,007.560	3,946.0000

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Reported quantities do not include Groundwater or Wastewater.

Material balance may not be reflected in some CID reports for 1999 and 2000 data because inventory adjustments have been incorporated in the Ending Inventories.

Other Processing is calculated by adding the values for NPDES discharges, recycling, other processing, and return to remediation unit.

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**In-Situ Contaminated Media Summary - 2000 Actual Data**

Waste Type	Reporting Year Management Strategy (m3)				Reporting Year Total Volume (m3)
	In-Situ Treatment	In-Situ Containment	Access/ Institutional Controls	No Action	
Low Level Waste	431,770.00	24,638,111.67	140,223.00	0.00	25,210,104.67
Mixed Low Level Waste	25,153.00	1,744,309.20	0.00	0.00	1,769,462.20
Transuranic Waste	24.70	290,878.00	0.00	95.00	290,997.70
Other	0.00	145,882.00	0.00	0.00	145,882.00

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Reported quantities do not include Groundwater or Wastewater.