

**Comprehensive Site Profile (Sum-8)****Idaho National Engineering and Environmental Laboratory - Most Current Actual Data**

Data Sources: Facility Information Management System - November 2003
 EM Corporate - FY 2001 Update
 Pollution Prevention - 2002
 Materials in Inventory - 1996

Facility Status	Reported Number of Facilities
Operating	2
Operational Standby	0
Shutdown n Pending Transfer	0
Shutdown n Pending D&D	0
D&D in Progress	0
Operating Pending D&D	7
Operating Under an Outgrant	0
Transfer to Another Federal Agency	0
Sale	0
Demolished	0
Deactivation	0
Shutdown n Pending Disposal	0
No Information Provided	0
Total	9

Hazard Category Group *	Reported Number of Facilities
Radiological	88
Chemical Hazard	0
Radiological & Chemical Hazard	0
Not Applicable	472
No Information Provided	0
Total	582

* 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.

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	9,357.4320	254.778	75.000	0.000	398.160	0.000	0.000	9,393.88
Low Level Waste	2,069.0770	4,051.200	7,094.077	1,709.560	3,185.025	4,168.680	7,127.613	1,352.25
Mixed Low Level Waste	551.3590	0.797	0.797	0.000	11.330	0.000	7.118	3,711.30
Transuranic Waste	65,059.0000	621.000	606.000	0.000	0.000	103.000	856.000	64,871.00

The management activity of "Other" is calculated by adding the values for NPDES discharges, recycling, other processing, and return to remediation unit.

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.

* 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.

Ex-Situ Contaminated Media Summary - 2000 Actual Data

Waste Type	Starting Inventory (m3)*	Reporting Period Additions (m3)*	Reporting Period Dispositions (m3)*			Ending Inventory (m3)*
			Treatment	Disposal	Other	
Low Level Waste	0.0000	0.000	0.000	0.000	0.000	0.0000
Mixed Low Level Waste	0.0000	326.000	326.000	0.000	0.000	0.0000
Transuranic Waste	0.0000	0.000	0.000	0.000	0.000	0.0000

The management activity of "Other" is calculated by adding the values for NPDES discharges, recycling, other processing, and return to remediation unit.

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.

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

Reported quantities do not include Groundwater or Wastewater.

Spent Nuclear Fuel Summary - 2000 Actual Data

Material	SNF Amount to be Managed (MTHM)***				SNF Disposition Activity (MTHM)***			
	Starting Inventory	On-Site Generation	Off-Site Receipts	Total	On-Site Treatment	Ship to other DOE Site for Management/Storage	Ship for Final Disposition	Total
Spent Nuclear Fuel	233.6800	0.1000	0.7600	234.5400	0.0000	0.0000	0.0000	0.0000

*** 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.

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	0.00	339,407.00	24,470.00	0.00	363,877.00
Mixed Low Level Waste	0.00	422,950.00	0.00	0.00	422,950.00
Transuranic Waste	0.00	7,358.00	0.00	0.00	7,358.00

Reported quantities do not include Groundwater or Wastewater.

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

Non-Radioactive Hazardous Waste

Classification	Waste Type	Amount (Metric Tons)
Hazardous	Non Routine RCRA	121.80
	Routine RCRA	25.03
	Non Routine State	0.00
	Routine State	0.00
	Non Routine TSCA	0.00
	Routine TSCA	2.01
Sanitary	Non Routine	2,644.00
	Routine	1,043.00
Total		3,835.84

Materials in Inventory (1996 Information Only)

Material Name	Material Category	Material Volume
Np-237	Plutonium	0.00 Kilograms
Plutonium	Plutonium	4,400.00 Kilograms
Am-241	Plutonium	0.06 Kilograms
Lead	Lead	909.00 Kilograms
U-233>20%	Plutonium	317.00 Kilograms
Commercial, Naval, Research	Spent Nuclear Fuel	230,248.00 Kilograms
Deuterium	Plutonium	2.00 Kilograms
Thorium	Plutonium	14,234.00 Kilograms
Low Enriched Uranium	Natural & Enriched Uranium	0.00 Kilograms
Normal Uranium	Natural & Enriched Uranium	0.00 Kilograms
Normal Uranium	Natural & Enriched Uranium	0.00 Kilograms
Low Enriched Uranium	Natural & Enriched Uranium	32,000.00 Kilograms
Low Enriched Uranium	Natural & Enriched Uranium	82,000.00 Kilograms
Depleted Uranium	Depleted Uranium	300.00 Kilograms
Highly Enriched Uranium	Natural & Enriched Uranium	2,800.00 Kilograms

Highly Enriched Uranium	Natural & Enriched Uranium	1,600.00 Kilograms
Highly Enriched Uranium	Natural & Enriched Uranium	600.00 Kilograms
Mixed Carbon and Stainless	Scrap Metal and Equipment	12,400.00 Cubic Feet
Stainless Steel	Scrap Metal and Equipment	1,750.00 Tons
Carbon Steel	Scrap Metal and Equipment	550.00 Tons
Highly Enriched Uranium	Natural & Enriched Uranium	1,700.00 Kilograms