United States Department of Energy
Central Internet Database

Comprehensive Site Profile (Sum-8)

Los Alamos National 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
Shutdow n Pending Transfer	0
Shutdow 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
Shutdow n Pending Disposal	0
No Information Provided	0
Total	9

Hazard Category Group *	Reported Number of Facilities
Radiological	76
Chemical Hazard	0
Radiological & Chemical Hazard	13
Not Applicable	2,028
No Information Provided	0
Total	2,175

*** 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	
Low Level Waste	0.0000	1,488.800	82.000	0.000	328.000	1,242.800	0.000	0.00
Mixed Low Level Waste	331.5290	2.777	0.000	0.000	0.000	134.276	2.940	184.43
Transuranic Waste	9,293.7000	145.000	0.000	4.000	0.000	0.000	6.000	9,442.70

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 in corporated 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	172.000	0.000	172.000	0.000	0.0000
Mixed Low Level Waste	0.0000	3.000	0.000	3.000	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 in corporated 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.

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	291,430.00	0.00	0.00	291,430.00
Mixed Low Level Waste	0.00	30,100.00	0.00	0.00	30,100.00
Transuranic Waste	0.00	278,629.00	0.00	0.00	278,629.00

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	43.62
	Routine RCRA	10.50
	Non Routine State	91.84
	Routine State	3.55
	Non Routine TSCA	148.90
	Routine TSCA	0.00
Sanitary	Non Routine	1,232.00
	Routine	1,822.00
Total		3,352.41

Materials in Inventory (1996 Information Only)

Material Name	Material Category	Material Volume
Weapons Components	Weapons Components	228,800.00 Pieces
Am-243	Plutonium	0.00 Kilograms
U-233>20%	Plutonium	0.00 Kilograms
Deuterium	Plutonium	0.00 Kilograms
Plutonium	Plutonium	1,800.00 Kilograms
Am-241	Plutonium	0.00 Kilograms
Research Reactor Fuel	Spent Nuclear Fuel	15.00 Kilograms
Np-237	Plutonium	0.00 Kilograms
Thorium	Plutonium	0.00 Kilograms
Normal Uranium	Natural & Enriched Uranium	1,000.00 Kilograms
Low Enriched Uranium	Natural & Enriched Uranium	0.00 Kilograms
Normal Uranium	Natural & Enriched Uranium	9,000.00 Kilograms
Depleted Uranium	Depleted Uranium	235.00 Kilograms
Depleted Uranium	Depleted Uranium	6.00 Kilograms
Depleted Uranium	Depleted Uranium	6,055.00 Kilograms

Depleted Uranium	Depleted Uranium	471.00	Kilograms
Depleted Uranium	Depleted Uranium	185.00	Kilograms
Depleted Uranium	Depleted Uranium	252.00	Kilograms
Depleted Uranium	Depleted Uranium	16.00	Kilograms
Depleted Uranium	Depleted Uranium	1.00	Kilograms
Strategic Lithium (6Li)	Lithium	0.00	Kilograms
Depleted Uranium	Depleted Uranium	3.00	Kilograms
Depleted Uranium	Depleted Uranium	3.00	Kilograms
Highly Enriched Uranium	Natural & Enriched Uranium	100.00	Kilograms
Highly Enriched Uranium	Natural & Enriched Uranium	100.00	Kilograms
Highly Enriched Uranium	Natural & Enriched Uranium	100.00	Kilograms
Highly Enriched Uranium	Natural & Enriched Uranium	300.00	Kilograms
Platinum	Scrap Metal and Equipment	292.94	Troy Ounces
Silver	Scrap Metal and Equipment	1,121.10	Troy Ounces
Iridium	Scrap Metal and Equipment	67.08	Troy Ounces
Palladium	Scrap Metal and Equipment	7.70	Troy Ounces

Rhodium	Scrap Metal and Equipment	2.01	Troy Ounces
Lead	Lead	4,400.00	Kilograms