Comprehensive Site Profile (Sum-8)

Lawrence Livermore National Laboratory - Main Site - 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 Pending Transfer	0
Shutdown 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 Pending Disposal	0
No Information Provided	0
Total	9

Hazard Category Group *	Reported Number of Facilities
Radiological	54
Chemical Hazard	0
Radiological & Chemical Hazard	3
Not Applicable	475
No Information Provided	0
Total	532

*** 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	1,552.2800	843.000	211.000	0.000	435.000	915.000	0.000	1,256.28
Mixed Low Level Waste	430.0000	84.000	12.000	0.000	84.000	37.000	0.000	405.00
Transuranic Waste	294.0000	1.000	0.000	0.000	0.000	0.000	0.000	295.00

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 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.

Non-Radioactive Hazardous Waste

Classification	Waste Type	Amount (Metric Tons)
Hazardous	Non Routine RCRA	223.85
	Routine RCRA	163.33
	Non Routine State	93.06
	Routine State	98.70
	Non Routine TSCA	23.46
	Routine TSCA	0.06
Sanitary	Non Routine	3,282.32
	Routine	1,802.94
Total		5,687.72

Materials in Inventory (1996 Information Only)

Material Name	Material Category	Material Volume
Am-243	Plutonium	0.00 Kilograms
Thorium	Plutonium	0.00 Kilograms
U-233>20%	Plutonium	0.00 Kilograms
Am-241	Plutonium	0.00 Kilograms
N-237	Plutonium	0.00 Kilograms
Lead	Lead	473,198.00 Kilograms
Lead	Lead	2,450.00 Kilograms
Low Enriched Uranium	Natural & Enriched Uranium	0.00 Kilograms
Normal Uranium	Natural & Enriched Uranium	17,000.00 Kilograms
Normal Uranium	Natural & Enriched Uranium	2,000.00 Kilograms
Strategic Lithium (6Li)	Lithium	969.00 Kilograms
Highly Enriched Uranium	Natural & Enriched Uranium	0.00 Kilograms
Plutonium	Plutonium	100.00 Kilograms