

**Comprehensive Site Profile (Sum-8)****Fernald Environmental Management Project - 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	37
Chemical Hazard	0
Radiological & Chemical Hazard	2
Not Applicable	91
No Information Provided	0
Total	230

* 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.

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	51,113.2000	342,603.000	93,328.000	261,492.000	0.000	38,896.2000
Mixed Low Level Waste	2,292.4000	23,015.500	22,322.000	1,508.500	0.000	1,477.4000

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.

Non-Radioactive Hazardous Waste

Classification	Waste Type	Amount (Metric Tons)
Hazardous	Non Routine RCRA	1.00
	Routine RCRA	6.20
	Non Routine State	0.00
	Routine State	0.00
	Non Routine TSCA	0.00
	Routine TSCA	0.32
Sanitary	Non Routine	960.00
	Routine	11,392.00
Total		12,359.52

Materials in Inventory (1996 Information Only)

Material Name	Material Category	Material Volume
Normal Uranium	Natural & Enriched Uranium	5,000.00 Kilograms
Low Enriched Uranium	Natural & Enriched Uranium	697,000.00 Kilograms
Low Enriched Uranium	Natural & Enriched Uranium	516,000.00 Kilograms
Depleted Uranium	Depleted Uranium	35,000.00 Kilograms
Steel (clean)	Scrap Metal and Equipment	125.00 Tons
Copper	Scrap Metal and Equipment	1,400.00 Tons
Steel (contam.)	Scrap Metal and Equipment	3,240.00 Tons
Gallium Oxide	Scrap Metal and Equipment	3.80 Troy Ounces
Platnium (clean)	Scrap Metal and Equipment	175.08 Troy Ounces
Platinum (contaminated)	Scrap Metal and Equipment	117.40 Troy Ounces
Rhodium	Scrap Metal and Equipment	3.00 Troy Ounces
Iridium	Scrap Metal and Equipment	0.52 Troy Ounces
Silver	Scrap Metal and Equipment	1.05 Troy Ounces
Gold	Scrap Metal and Equipment	0.05 Troy Ounces
Depleted Uranium	Depleted Uranium	1,822,000.00 Kilograms

Depleted Uranium	Depleted Uranium	1,474,000.00 Kilograms
Low Enriched Uranium	Natural & Enriched Uranium	277,000.00 Kilograms
Normal Uranium	Natural & Enriched Uranium	51.00 Kilograms
Low Enriched Uranium	Natural & Enriched Uranium	681,000.00 Kilograms