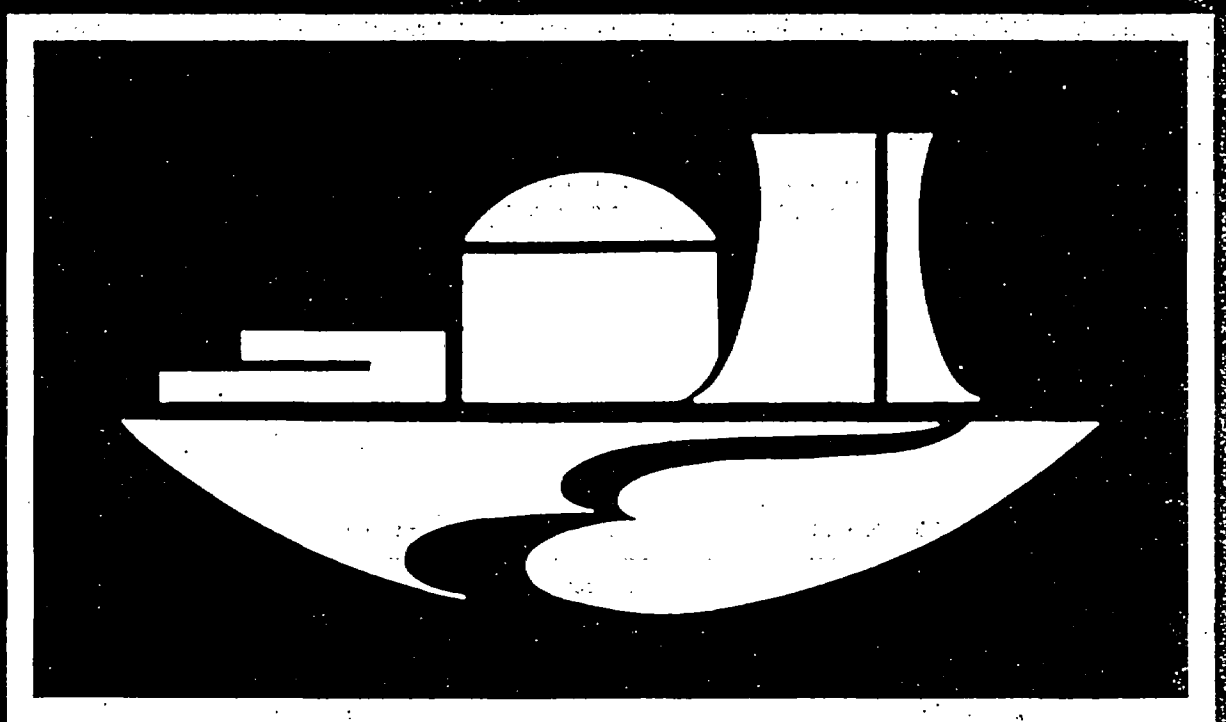
DOE/RW-0006, Rev. 11

September 1995

Integrated Data Base Report—1994: U.S. Spent Nuclear Fuel and Radioactive Waste Inventories, Projections, and Characteristics



Prepared for

U.S. Department of Energy
Office of Civilian Radioactive Waste Management
Office of Environmental Management
Washington, D.C. 20585

Prepared by

Oak Ridge National Laboratory
Managed by Lockheed Martin Energy Systems, Inc., for the
U.S. Department of Energy under contract DE-AC05-84OR21400

Table 2.8. Current volume of HLW in storage by site through 1994[a]

Site	Volume, 10^3 m^3					
	Tank waste		Capsules		Canister material	Total
	Liquid[b]	Solid[c]	Sr	Cs		
Hanford	83.2	155.8	0.0010954	0.0024046		239.0
INEL	7.2	3.8				11.0
SRS	58.1	68.2				126.3
WVDP	2.0	0.14				2.1
Total	150.5	227.9	0.0010954	0.0024046	0	378.4

[a]Taken from ref. 1.
[b]Liquid tank waste consists of free tank supernatant and drainable interstitial liquid.
[c]Solid tank waste consists of sludge, salt cake, zeolite, calcine, and precipitate.

Table 2.9. Current radioactivity of HLW in storage by site through 1994[a]

Site	Radioactivity, 10^6 Ci					
	Tank waste		Capsules		Canister material	Total
	Liquid[b]	Solid[c]	Sr	Cs		
Hanford	70.1	128.3	46.0	103.5		347.9
INEL	2.0	49.6				51.6
SRS	231.4	302.3				533.7
WVDP	3.5	21.2				24.7
Total	307.0	501.4	46.0	103.5	0	957.9

[a]Taken from ref. 1.
[b]Liquid tank waste consists of free tank supernatant and drainable interstitial liquid.
[c]Solid tank waste consists of sludge, salt cake, zeolite, calcine, and precipitate.