Table 4.1-10. High-level waste generation for the entire period of analysis (1998-2035) (cubic meters).[a,b,c]

		Technologies							
		1	2	3	4	5	6	7	8
Fuel group	Parameter	Prepare for direct co-disposal	Repackage and prepare to ship	Melt and dilute	Mechanical dilution	Vitrification technologies	Electrometallurgical treatment	Conventional processing	Continued Wet storage
A. Uranium and Thorium Metal Fuels	Liquid high-level waste	10	NA	10	NA	10	10	170	36
	Equivalent DWPF canisters	<1	NA	<1	NA	<1	<1	3	<1
	Saltstone	26	NA	26	NA	26	26	430	97
B. Materials Test Reactor-Like Fuels	Liquid high-level waste	470	NA	450	470	450	450	7,700	1,700
	Equivalent DWPF canisters	8	NA	7	8	7	7	120	28
	Saltstone	1,250	NA	1,200	1,300	1,200	1,200	20,000	4,500
C. HEU/LEU Oxides and Silicides Requiring Resizing or Special Packaging	Liquid high-level waste	125	NA	120	130	120	120	2,100	450
	Equivalent DWPF canisters	2	NA	2	2	2	2	32	8
	Saltstone	330	NA	320	340	320	320	5,400	1,200
D. Loose Uranium Oxide in Cans	Liquid high-level waste	NA	NA	25	NA	25	25	450	96
	Equivalent DWPF canisters	NA	NA	<1	NA	<1	<1	7	2
	Saltstone	NA	NA	67	NA	67	67	1,100	260
E. Higher Actinide Targets	Liquid high-level waste	NA	4	NA	NA	NA	NA	NA	14
	Equivalent DWPF canisters	NA	<1	NA	NA	NA	NA	NA	<1
	Saltstone	NA	10	NA	NA	NA	NA	NA	36
F. Non- Aluminum-Clad Fuels	Liquid high-level waste	NA	30	NA	NA	NA	NA	NA	NA
	Equivalent DWPF canisters	NA	<1	NA	NA	NA	NA	NA	NA
	Saltstone	NA	80	NA	NA	NA	NA	NA	NA

DWPF = Defense Waste Processing Facility.
NA = Technology is not applicable to this fuel type.
HEU = Highly Enriched Uranium.
LEU = Low Enriched Uranium.
a. Except DWPF canisters.
b. To convert cubic meters to cubic yards, multiply by 1.308.
c. Potentially reduced fuel receipts could reduce the reported impacts. Scaling factors applied to these impact values should be applied specifically to each fuel group affected. For example, if the amount of fuel in Group B were reduced to 80 percent of the value reported in Table 1-1, then each value reported for Group B should be multiplied by 0.8.