

ABSTRACT

The purpose of this report is to provide a readily-available collection of summary data on the quantity and location of spent nuclear fuel, radioactive waste, 11e(2) byproduct material, contaminated media, and non-radioactive waste managed by the United States Department of Energy (DOE). The DOE intends this report to be used as a reference by waste management professionals and other interested stakeholders. The report provides summary-level data that were reported by DOE sites in 2000 through national data collection efforts. The report does not attempt to interpret these data; nor is it intended to provide an extensive account of the historical background of the nuclear weapons programs or of the DOE's current programs.

Most of the data are from three sources that are all integrated into the DOE's Central Internet Database¹ (CID):

- The DOE's FY 2000 Environmental Management (EM) Corporate Database;
- The DOE's Pollution Prevention Database; and
- Report on Previously-Disposed TRU-Contaminated Waste.

This report also includes information from other (non-CID) sources:

- The DOE's *National TRU Waste Management Plan, Rev. 2*;
- The Yucca Mountain Draft Environmental Impact Statement;
- The DOE's *Integrated Database Report—1996, Rev. 13*;
- The DOE's *Linking Legacies*; and
- The DOE's *Current and Planned LLW Disposal Capacity Report, Rev. 2*.

Chapter 2, Summary Data, provides DOE-level quantity data as well as data on approximate radioactivity (in curies) of high-level waste (HLW), transuranic waste (TRU waste), previously-disposed TRU-contaminated waste and soil (buried TRU waste), and previously-disposed low-level waste.

Chapters 3 through 11 cover the following topics at the site, state, and DOE (national) levels: spent nuclear fuel (SNF), HLW, TRU waste, buried TRU waste, low-level waste (LLW), mixed-low-level waste (MLLW), 11e(2) byproduct material, contaminated media, and non-radioactive waste. In most chapters, the data first cover the past ("actuals") quantities and then the future estimated ("projected") quantities for the time period FY 2000 through FY 2070. In a few chapters (where applicable and data are available), additional information is provided about the physical forms of the waste and contaminated media.

Site-specific summary radioactivity (curie) data are provided as available, and with the caveats noted, in the chapters on HLW, TRU waste, buried TRU waste, and LLW.

¹ The CID is located at <http://cid.em.doe.gov>.