

(2) Status of Solid-Waste Management

The amount of radioactive solid waste generated in solid-waste storage in FY1999 was equivalent to approximately 38,900 200-liter drums. However, due to the transportation to the Rokkasho Low-Level Radioactive Waste Disposal Center and the volume-reducing effects of measures such as incineration, etc., the amount of cumulative stored waste increased by only approximately 13,000 drums compared with the previous fiscal year. As a result, the percentage of stored waste was 59.3% of the total storage capacity.

A steam generator storage facility is intended exclusively for the radioactive solid waste generated through processes including the replacement of steam generators and reactor vessel heads in pressurized-water reactor (PWR) power plants. In FY1999 a total of 73 m³ of storage containers was generated through the replacement of reactor vessel heads at a power plant.

Spent control rods, channel boxes, spent resin and a portion of the waste generated through replacement of the shroud, etc., are stored in the spent fuel pool, storage bunker, tank, etc.

In a solid storage facility, radioactive solid waste is packed in drums, etc., and stored.

The amount of radioactive solid waste in drums is expressed as the equivalent number of 200-liter drums. Other types of radioactive solid waste are large-size equipment, etc., that do not fit in drums. The amount generated and amount of accumulated storage of this kind are indicated by the estimated equivalent number of 200-liter drums.

The amount of "reduction within plant" is the sum of the amount of incinerated combustible waste and the amount of volume reduction by the compressed packaging of waste, while the "reduction outside plant" amount represents the waste transported to the Low-Level Radioactive Waste Disposal Center.

The amount of radioactive solid waste stored in steam-generator storage facilities is shown by the number of steam generators removed and stored and the volume of storage containers.

The status of solid-waste management in each fiscal year since FY1990 is shown in Reference Document 5, and the amount of waste in each fiscal year since FY1992 transported to the Low-Level Radioactive Waste Disposal Center is shown in Reference Document 6.