

(4) Reprocessing Facilities

i) Radioactive solid waste

Facility		Low-level radioactive solid waste (number of drums)				Total (equivalent to the number of drums) *1	Storage equipment capacity (equivalent to the number of drums)
		Drums	Asphalt- solidified waste	Plastic- solidified waste	Other types (equivalent to the number of drums) *1		
Japan Atomic Energy Agency Reprocessing Facilities	Storage at the end of previous fiscal year	32,013	29,967	1,812	11,761	75,553	92,140
	Production in this fiscal year	134	0	0	204	338	
	Reduction in this fiscal year	0	0	0	152	152	
	Storage at the end of this fiscal year	32,147	29,967	1,812	11,813	75,739	
Japan Nuclear Fuel Ltd. *17 Reprocessing plant (Reprocessing Facility)	Storage at the end of previous fiscal year	8,948			15,696	24,644	*19 74,750
	Production in this fiscal year	1,475			*18 6,286	*18 7,761	
	Reduction in this fiscal year	0			5,808	5,808	
	Storage at the end of this fiscal year	10,423			*18 16,174	*18 26,597	

Facility		Low-level radioactive solid waste	High-level radioactive solid waste (equivalent to the number of drums) *1			Total (equivalent to the number of drums) *1	Storage equipment capacity (equivalent to the number of drums)
		Sheared coated debris, etc.	Spent filters, etc.	Sampling jars, etc.			
Japan Atomic Energy Agency Reprocessing Facilities	Production in this fiscal year		42	0	13	55	10,320
	Reduction in this fiscal year		0	0	0	0	
	Storage at the end of this fiscal year		4,956	302	1,356	6,614	
Japan Nuclear Fuel Ltd. *20 Reprocessing plant (Reprocessing Facility)	Production in this fiscal year	0				0	2,000
	Reduction in this fiscal year	0				0	
	Storage at the end of this fiscal year	219				219	

ii) Radioactive liquid waste

Facility		*21 Vitrified waste (number of units)	Low-level radioactive liquid waste (m ³)			High-level radioactive liquid waste (m ³)
			Low-level radioactive concentrated liquid waste	Sludge	Solvent waste	
Japan Atomic Energy Agency Reprocessing Facilities	Production in this fiscal year	0	*22 4	10	0	0
	Reduction in this fiscal year	0	0	0	0	0
	Storage at the end of this fiscal year	247	2,772	1,146	*23 104	380
Japan Nuclear Fuel Ltd. Reprocessing plant (Reprocessing Facility)	Production in this fiscal year	11				
	Reduction in this fiscal year	0				
	Storage at the end of this fiscal year	118				

*17 The value includes the amount of spent resin and spent sludge, channel boxes and burnable poisons, spent filters, sampling jars, and so on.

*18 The equivalent of 1,280 drums that removed from the primary low-level radioactive waste storage building in FY2009 and taken to the primary low-level radioactive waste storage building in FY2010 for waste arrangement are not included in the reduction in this fiscal year, but they are included in the figures for storage at the end of this fiscal year.

*19 The storage capacity includes the capacity of the spent resin storage tank (roughly 190 m³ × 3 units, 80 m³ × 2 units, 120 m³ × 1 unit), equivalent to 4,250 drums.

*20 Sheared coated debris, etc. are stored in 1,000-liter drums.

*21 The vitrified waste at the Japan Atomic Energy Agency's Reprocessing Facility is stored in 120-liter drums.

The vitrified waste at the Japan Nuclear Fuel Ltd., Reprocessing Plant (reprocessing facility) is stored in containers approx. 1,340 mm height with diameters of approx. 430 mm.

*22 This includes the liquid waste from the liquid waste tanks and the line cleaning water, etc.

*23 The reduction due to transportation between tanks is approx. 1 m³.

(5) Waste Burial Facilities, Waste Management Facilities

i) Radioactive solid waste

Facility		Low-level radioactive solid waste (number of drums)			Total (equivalent to the number of drums) *1	Storage equipment capacity (equivalent to the number of drums)
		Drums	Asphalt- solidified waste	Other types (equivalent to the number of drums) *1		
Japan Nuclear Fuel Ltd. Uranium Enrichment Plant/Low-level Radioactive Waste Disposal Center (Waste Burial Facilities)	Storage at the end of previous fiscal year	0	-	0	0	80
	Production in this fiscal year	0	-	0	0	
	Reduction in this fiscal year	0	-	0	0	
	Storage at the end of this fiscal year	0	-	0	0	
Japan Nuclear Fuel Ltd. Reprocessing plant (Waste Management Facilities)	Storage at the end of previous fiscal year	968	-	44	1,012	1,200
	Production in this fiscal year	96	-	0	96	
	Reduction in this fiscal year	0	-	0	0	
	Storage at the end of this fiscal year	1,064	-	44	1,108	
Japan Atomic Energy Agency Waste Burial Facilities *24	Storage at the end of previous fiscal year	-	-	-	-	-
	Production in this fiscal year	-	-	-	-	
	Reduction in this fiscal year	-	-	-	-	
	Storage at the end of this fiscal year	-	-	-	-	
Japan Atomic Energy Agency Waste Management Facilities *25	Storage at the end of previous fiscal year	(620) 16,619	538	(40) 11,679	(660) 28,836	42,795
	Production in this fiscal year	(9) 171	2	(2) 66	(11) 239	
	Reduction in this fiscal year	0	0	0	0	
	Storage at the end of this fiscal year	(629) 16,790	540	(42) 11,745	(671) 29,075	

ii) Radioactive liquid waste

Facility		Low-level radioactive liquid waste (m ³)
Japan Nuclear Fuel Ltd. Uranium Enrichment Plant/Low-level Radioactive Waste Disposal Center (Waste Burial Facilities)	Production in this fiscal year	-
	Reduction in this fiscal year	-
	Storage at the end of this fiscal year	-
Japan Nuclear Fuel Ltd. Reprocessing plant (Waste Management Facilities)	Production in this fiscal year	0
	Reduction in this fiscal year	0
	Storage at the end of this fiscal year	0
Japan Atomic Energy Agency Waste Burial Facilities *24	Production in this fiscal year	-
	Reduction in this fiscal year	-
	Storage at the end of this fiscal year	-
Japan Atomic Energy Agency Waste Management Facilities	Production in this fiscal year	-
	Reduction in this fiscal year	-
	Storage at the end of this fiscal year	-

*24 There is no generation of solid or liquid radioactive waste.

Roughly 1,670 tons of solid waste associated with the dismantling of JPDR are already buried.

*25 The numbers in parentheses indicate the amount generated at the facility, and are included in the total amount shown below the numbers.

The numbers on the bottom are the total amount of waste managed at the management facility.

The storage facility capacity includes the capacity of the fabrication, waste burial, and waste management facilities.