

(4) Reprocessing Facilities

i) Radioactive Solid Waste

Facility	Item	Low-level Radioactive Solid Waste (number of drums)				Total (equivalent number of drums) *1	Storage Equipment Capacity (equivalent number of drums)
		Drums	Asphalt- Solidified Waste	Plastic- Solidified Waste	Other Types (equivalent number of drums) *1		
Japan Atomic Energy Agency, Reprocessing facilities	Storage at the end of previous fiscal year	32,147	29,967	1,812	11,813	75,739	92,140
	Production in this fiscal year	35	0	0	160	195	
	Reduction in this fiscal year	104	0	0	0	104	
	Storage at the end of this fiscal year	32,078	29,967	1,812	11,973	75,830	
Japan Nuclear Fuel Ltd., *18 Reprocessing plant (Reprocessing facility)	Storage at the end of previous fiscal year	10,423	<del>                    </del>	<del>                    </del>	*19 16,174	*19 26,597	*19 75,180
	Production in this fiscal year	3,707	<del>                    </del>	<del>                    </del>	2,476	6,183	
	Reduction in this fiscal year	0	<del>                    </del>	<del>                    </del>	0	0	
	Storage at the end of this fiscal year	14,130	<del>                    </del>	<del>                    </del>	18,650	32,780	

Facility	Item	Low-level Radioactive Solid Waste (number of units)	High-level Radioactive Solid Waste (equivalent number of drums) *1			Total (equivalent number of drums) *1	Storage Equipment Capacity (equivalent number of drums)
			Sheared Pieces of Cladding Materials, etc.	Spent Filters, etc.	Sampling Jars, etc.		
Japan Atomic Energy Agency, Reprocessing facilities	Production in this fiscal year	<del>                    </del>	2	0	0	2	10,320
	Reduction in this fiscal year	<del>                    </del>	0	0	0	0	
	Storage at the end of this fiscal year	<del>                    </del>	4,958	302	1,356	6,616	
Japan Nuclear Fuel Ltd., *20 Reprocessing plant (Reprocessing facility)	Production in this fiscal year	0	<del>                    </del>	<del>                    </del>	<del>                    </del>	0	2,000
	Reduction in this fiscal year	0	<del>                    </del>	<del>                    </del>	<del>                    </del>	0	
	Storage at the end of this fiscal year	219	<del>                    </del>	<del>                    </del>	<del>                    </del>	219	

ii) Radioactive Liquid Waste

Facility	Item	*21 Vitrified waste (number of canisters)	Low-level Radioactive Liquid Waste (m <sup>3</sup> )			High-level Radioactive Liquid Waste (m <sup>3</sup> )
			Low-level Radioactive Concentrated Liquid Waste	Sludge	Solvent Waste	
Japan Atomic Energy Agency, Reprocessing facilities	Production in this fiscal year	0	*22 3	7	0	0
	Reduction in this fiscal year	0	0	0	0	0
	Storage at the end of this fiscal year	247	*23 2,769	1,153	*24 103	*25 392
Japan Nuclear Fuel Ltd., Reprocessing plant (Reprocessing facility)	Production in this fiscal year	7	<del>                    </del>	<del>                    </del>	<del>                    </del>	<del>                    </del>
	Reduction in this fiscal year	0	<del>                    </del>	<del>                    </del>	<del>                    </del>	<del>                    </del>
	Storage at the end of this fiscal year	125	<del>                    </del>	<del>                    </del>	<del>                    </del>	<del>                    </del>

\*18: The value includes the amount of spent resin, spent sludge, channel boxes, burnable poisons, spent filters, sampling jars, and so forth.

\*19: The storage capacity includes the capacity of the spent resin storage tank, equivalent to 4,250 drums (approx. 190 m<sup>3</sup> × 3 units, approx. 80 m<sup>3</sup> × 2 units, and approx. 120 m<sup>3</sup> × 1 unit).

\*20 Sheared pieces of cladding materials, 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 Reprocessing Plant (reprocessing facility) of Japan Nuclear Fuel Ltd. is stored in canisters of approx. 1,340 mm in height and approx. 430 mm in diameter.

\*22: Including the line cleaning water, etc.

\*23: Reduction of 6 m<sup>3</sup> was achieved by the instrument correction and transfer between tanks.

\*24: Reduction of 1 m<sup>3</sup> was achieved by transfer between tanks.

\*25: Increase of 12 m<sup>3</sup> was associated with the receipt from the vitrification technology research facilities..

(5) Waste Burial Facilities, Waste Management Facilities

i) Radioactive Solid Waste

Facility	Item	Low-level Radioactive Solid Waste (number of drums)			Total (equivalent number of drums) *1	Storage Equipment Capacity (equivalent number of drums)
		Drums	Asphalt- Solidified Waste	Other Types (equivalent number of drums) *1		
Japan Nuclear Fuel Ltd., Uranium Enrichment Plant/Low- level Radioactive Waste Burial 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	1,064	-	44	1,108	1,200
	Production in this fiscal year	144	-	0	144	
	Reduction in this fiscal year	100	-	0	100	
	Storage at the end of this fiscal year	1,108	-	44	1,152	
Japan Atomic Energy Agency, Waste Burial Facilities *26 *28	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 *27 *28	Storage at the end of previous fiscal year	(629) 16,790	540	(42) 11,745	(671) 29,075	42,795
	Production in this fiscal year	(47) 281	0	0 5	(47) 286	
	Reduction in this fiscal year	0	0	0	0	
	Storage at the end of this fiscal year	(676) 17,071	540	(42) 11,750	(718) 29,361	

ii) Radioactive Liquid Waste

Facility	Item	Low-level Radioactive Liquid Waste (m <sup>3</sup> )
Japan Nuclear Fuel Ltd., Uranium Enrichment Plant/Low- level Radioactive Waste Burial 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 *26	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	-

\*26: There is no generation of solid or liquid radioactive waste.

Roughly 1,670 tons of solid waste associated with the dismantling of JPDR have already been disposed of.

\*27: 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 facilities.

\*28: The amount of generated waste, the amount in storage, and the storage capacity include corresponding figures of the fabrication, waste burial, and waste management facilities.