

## (iv) Reprocessing Facilities

## i) Radioactive Solid Waste

Facility	Item	Low-level Radioactive Solid Waste (No. of drums)				Total (equivalent No. of drums) *1	Storage Equipment Capacity (equivalent No. of drums)
		Drums	Asphalt- solidified Waste	Plastic- solidified Waste	Other Types (equivalent No. of drums) *1		
Japan Atomic Energy Agency, Reprocessing Facility	Storage at End of Prev. FY	32,091	29,967	1,812	12,069	75,939	92,140
	Generated This FY	100	0	0	136	236	
	Reduction This FY	116	0	0	0	116	
	Storage at End of This FY	32,075	29,967	1,812	12,205	76,059	
Japan Nuclear Fuel Ltd., Reprocessing Plant (Reprocessing Facility)	*19 Storage at End of Prev. FY	15,350			19,823	35,173	88,680
	Generated This FY	2,724			3,062	5,786	
	Reduction This FY	1,756			1,336	3,092	
	Storage at End of This FY	16,318			21,550	37,868	

Facility	Item	Low-level Radioactive Solid Waste (No. of drums)	High-level Radioactive Solid Waste (equivalent No. of drums) *1			Total (equivalent No. of drums) *1	Storage Equipment Capacity (equivalent No. of drums)
		Sheared Pieces of Cladding Materials, etc.	Spent Filters, etc.	Sampling Jars, etc.			
Japan Atomic Energy Agency, Reprocessing Facility	Generated This FY		0	13	2	15	10,320
	Reduction This FY		0	0	0	0	
	Storage at End of This FY		4,958	315	1,360	6,633	
Japan Nuclear Fuel Ltd., Reprocessing Plant (Reprocessing Facility)	*21 Generated This FY	0				0	2,000
	Reduction This FY	0				0	
	Storage at End of This FY	219				219	

## ii) Radioactive Liquid Waste

Facility	Item	*22 Vitrified Waste (No. of canisters)	Low-level Radioactive Liquid Waste (m <sup>3</sup> )			High-level Radioactive Liquid Waste (m <sup>3</sup> )
			Low-level Concentrated Radioactive Liquid Waste	Sludge	Solvent Waste	
Japan Atomic Energy Agency, Reprocessing Facility	Generated This FY	0	36	3	0	0
	Reduction This FY	0	0	0	0	0
	Storage at End of This FY	247	*23 2,887	1,158	*24 101	*25 415
Japan Nuclear Fuel Ltd., Reprocessing Plant (Reprocessing Facility)	*21 Generated This FY	51				
	Reduction This FY	0				
	Storage at End of This FY	346				

\*19: Values include the amount of spent resin, spent sludge, channel boxes, burnable poisons, spent filters, sampling jars, and so forth.

Storage at the end of this fiscal year does not precisely agree with the sum of storage at the end of the previous fiscal year plus the amount generated during this fiscal year. The difference is due to rounding in the conversion.

\*20: Storage equipment capacity includes the capacity of spent resin storage tanks (three approx. 190-m<sup>3</sup> tanks, two approx. 80-m<sup>3</sup> tanks, and one approx. 120-m<sup>3</sup> tank) equivalent to 4,250 drums.

\*21: Sheared pieces of cladding materials, etc. are stored in 1,000-L drums.

\*22: Vitrified waste at the Reprocessing Facility, Japan Atomic Energy Agency is stored in 120-L drums.

Vitrified waste at the Reprocessing Plant (Reprocessing Facility), Japan Nuclear Fuel Ltd. is stored in canisters having a height of approx. 1,340 mm and a diameter of approx. 430 mm.

\*23: Increased by 11 m<sup>3</sup> due to instrument correction, cleaning water, and transfer between tanks.

\*24: Reduced by 2 m<sup>3</sup> due to instrument correction and transfer between tanks.

\*25: Increased by 23 m<sup>3</sup> due to dilution for liquid waste transfer.

## (v) Waste Burial Facilities and Waste Management Facilities

## i) Radioactive Solid Waste

Facility	Item	Low-level Radioactive Solid Waste (No. of drums)			Total (equivalent No. of drums) *1	Storage Equipment Capacity (equivalent No. of drums)
		Drums	Asphalt- solidified Waste	Other Types (equivalent No. of drums) *1		
Japan Nuclear Fuel Ltd., Enrichment and Disposal Office (Low-level Radioactive Waste Disposal Center)	Storage at End of Prev. FY	0	-	0	0	80
	Generated This FY	0	-	0	0	
	Reduction This FY	0	-	0	0	
	Storage at End of This FY	0	-	0	0	
Japan Nuclear Fuel Ltd., Reprocessing Plant (Waste Storage Facility)	Storage at End of Prev. FY	1,072	-	44	1,116	1,200
	Generated This FY	200	-	48	248	
	Reduction This FY	268	-	44	312	
	Storage at End of This FY	1,004	-	48	1,052	
*26, *27 Japan Atomic Energy Agency, Radioactive Waste Disposal Facility	Storage at End of Prev. FY	-	-	-	-	-
	Generated This FY	-	-	-	-	
	Reduction This FY	-	-	-	-	
	Storage at End of This FY	-	-	-	-	
*27, *28 Japan Atomic Energy Agency, Radioactive Waste Management Facility	Storage at End of Prev. FY	(680) 17,138	(0) 540	(42) 11,751	(722) 29,429	42,795
	Generated This FY	(17) 188	(0) 0	(0) 17	(17) 205	
	Reduction This FY	0	0	0	0	
	Storage at End of This FY	(697) 17,326	(0) 540	(42) 11,768	(739) 29,634	

## ii) Radioactive Liquid Waste

Facility	Item	Low-level Radioactive Liquid Waste (m <sup>3</sup> )
Japan Nuclear Fuel Ltd., Enrichment and Disposal Office (Low-level Radioactive Waste Disposal Center)	Generated This FY	-
	Reduction This FY	-
	Storage at End of This FY	-
Japan Nuclear Fuel Ltd., Reprocessing Plant (Waste Storage Facility)	Generated This FY	1.15
	Reduction This FY	0
	Storage at End of This FY	2.48
Japan Atomic Energy Agency, Radioactive Waste Disposal Facility	Generated This FY	-
	Reduction This FY	-
	Storage at End of This FY	-
Japan Atomic Energy Agency, Radioactive Waste Management Facility	Generated This FY	-
	Reduction This FY	-
	Storage at End of This FY	-

\*26: No radioactive solid waste was generated.

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

\*27: The amount of generated waste, amount in storage, and storage capacity include the corresponding figures for fuel manufacturing, waste disposal, and waste management facilities.

\*28: Values in parentheses are the amounts generated at the facility and are included in the total amounts listed below the values.

Such total amounts indicate the total amounts of waste managed at waste management facilities.