

(4) Reprocessing Facilities

i) Radioactive Solid Waste

Facility	Item	Low-level Solid Radioactive Waste (number of drums)				Total (equivalent number of drums) *1	Storage Equipment Capacity (equivalent number of drums)
		Drum	Asphalt- Solidified Waste	Plastic- Solidified Waste	Other Types (equivalent number of drums) *1		
Japan Atomic Energy Agency, Tokai Research and Development Center, Nuclear Fuel Cycle Engineering Laboratories, Reprocessing Facility	Storage at the end of previous fiscal year	32,078	29,967	1,812	11,973	75,830	92,140
	Generation in this fiscal year	125	0	0	96	221	
	Reduction in this fiscal year	112	0	0	0	112	
	Storage at the end of this fiscal year	32,091	29,967	1,812	12,069	75,939	
Japan Nuclear Fuel Ltd., Reprocessing Plant (Reprocessing Facility)	*21 Storage at the end of previous fiscal year	14,130			18,650	32,780	*22 75,180
	Generation in this fiscal year	1,224			1,174	2,398	
	Reduction in this fiscal year	4			0	4	
	Storage at the end of this fiscal year	15,350			19,823	35,173	

Facility	Item	Low-level Solid Radioactive Waste (number of drums)	High-level Solid Radioactive 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, Tokai Research and Development Center, Nuclear Fuel Cycle Engineering Laboratories, Reprocessing Facility	Generation in this fiscal year		0	0	2	2	10,320
	Reduction in this fiscal year		0	0	0	0	
	Storage at the end of this fiscal year		4,958	302	1,358	6,618	
Japan Nuclear Fuel Ltd., *23 Reprocessing Plant (Reprocessing Facility)	Generation 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

Facility	Item	*24 Vitrified waste (number of canisters)	Low-level Liquid Radioactive Waste (m <sup>3</sup> )			High-level Liquid Radioactive Liquid Waste(m <sup>3</sup> )
			Low-level Concentrated Liquid Radioactive Waste	Sludge	Solvent Waste	
Japan Atomic Energy Agency, Tokai Research and Development Center, Nuclear Fuel Cycle Engineering Laboratories, Reprocessing Facility	Generation in this fiscal year	0	*25 59	2	0	0
	Reduction in this fiscal year	0	0	0	0	0
	Storage at the end of this fiscal year	247	*26 2,840	1,155	103	392
Japan Nuclear Fuel Ltd., Reprocessing Plant (Reprocessing Facility)	Generation in this fiscal year	170				
	Reduction in this fiscal year	0				
	Storage at the end of this fiscal year	295				

\*21 : The value includes the amount of spent resin, spent sludge, channel boxes, burnable poisons, spent filters, sampling jars, and so forth.

The sum of the amount of storage at the end of the previous fiscal year and the amount generated in this fiscal year do not precisely match due to rounding error after performing the conversion.

\*22 : 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).

\*23 : Sheared pieces of cladding materials, etc. are stored in 1,000-liter drums.

\*24 : The vitrified waste at the Reprocessing facility, Japan Atomic Energy Agency 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.

\*25 : Includes liquid waste, the line cleaning water, etc. in the storage of spent fuel at low-level radioactive concentrated liquid waste storage.

\*26 : Increase of 12m<sup>3</sup> was achieved by the instrument correction and transfer between tanks.

5) Waste Burial Facilities, Waste Management Facilities

i) Solid Radioactive

Facility	Item	Low-level Solid Radioactive Waste (number of drums)			Total (equivalent number of drums) *1	Storage Equipment Capacity (equivalent number of drums)
		Drum	Asphalt- Solidified Waste	Other Types (equivalent number of drums) *1		
Japan Nuclear Fuel Ltd., Enrichment and Disposal Office(Low-Level Radioactive Waste Disposal Center)	Storage at the end of previous fiscal year	0	—	0	0	80
	Generation 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 Storage Facility)	Storage at the end of previous fiscal year	1,108	—	44	1,152	1,200
	Generation in this fiscal year	264	—	0	264	
	Reduction in this fiscal year	300	—	0	300	
	Storage at the end of this fiscal year	1,072	—	44	1,116	
*27,*28 Japan Atomic Energy Agency, Tokai Research and Development Center, Nuclear Science Research Institute, Radioactive Waste Disposal Facility	Storage at the end of previous fiscal year	—	—	—	—	—
	Generation in this fiscal year	—	—	—	—	
	Reduction in this fiscal year	—	—	—	—	
	Storage at the end of this fiscal year	—	—	—	—	
*28,*29 Japan Atomic Energy Agency, Oarai Research and Development Center, Radioactive Waste Management Facility	Storage at the end of previous fiscal year	(676) 17,071	540	(42) 11,750	(718) 29,361	42,795
	Generation in this fiscal year	(4) 67	(0) 0	(722) 1	(4) 68	
	Reduction in this fiscal year	0	0	0	0	
	Storage at the end of this fiscal year	(680) 17,138	(0) 540	(42) 11,751	(722) 29,429	

ii) Radioactive Liquid

Facility	Item	Low-level Liquid Radioactive Waste (m <sup>3</sup> )
Japan Nuclear Fuel Ltd., Enrichment and Disposal Office(Low-Level Radioactive Waste Disposal Center)	Generation in this fiscal year	—
	Reduction in this fiscal year	—
	Storage at the end of this fiscal year	—
Japan Nuclear Fuel Ltd., Reprocessing Plant(Waste Storage Facility)	Generation in this fiscal year	1.34
	Reduction in this fiscal year	0
	Storage at the end of this fiscal year	1.34
*27 Japan Atomic Energy Agency, Tokai Research and Development Center, Nuclear Science Research Institute, Radioactive Waste Disposal Facility	Generation in this fiscal year	—
	Reduction in this fiscal year	—
	Storage at the end of this fiscal year	—
Japan Atomic Energy Agency, Oarai Research and Development Center, Radioactive Waste Management Facility	Generation in this fiscal year	—
	Reduction in this fiscal year	—
	Storage at the end of this fiscal year	—

\*27: No radioactive solid waste was generated.

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

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

\*29: 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.