

Table 10 Status of Solid Radioactive Waste Management in FY 2012
(Nuclear Fuel Material Using Facilities)

[Unit: drum equivalent to 200 liter container]

Name of Office		Storage at the End of Previous Fiscal Year	Generation in This Fiscal Year	Reduction in this Fiscal Year	Balanced Amount	Storage at the End of This Fiscal Year	Storage Equipment Capacity
Japan Atomic Energy Agency	Tokai Research and Development Center, Nuclear Science Research Institute *1	(132,694)	(1,533)	(2,429)	(-896)	(131,798)	(139,350)
	Tokai Research and Development Center, Nuclear Fuel Cycle Technology Development Directorate	62,871	1,137	1,109	28	62,899	83,922
	Oarai Research and Development Center(North Area) *2, *3	(1,478)	(0)	(0)	(0)	(1,478)	(1,549)
	Oarai Research and Development Center(South Area) *4	0	19	19	0	0	-
	Ningyo-toge Environmental Engineering Center	14,605	437	300	137	14,742	16,079
The University of Tokyo, Graduate School of Engineering, Nuclear Professional School *2		Interim storage (26)	Interim storage (7)	(0)	Interim storage (7)	Interim storage (33)	-
Kyoto University, Research Reactor Institute *2		(73)	(0)	(0)	(0)	(73)	(400)
National Institute of Radiological Sciences		1,038	44	0	44	1,082	2,700
Nuclear Material Control Center	Tokai Safeguard Center *5, *6	383	155	12	143	526	200
	Rokkasho Safeguard Center	249	38	0	38	287	450
Nuclear Fuel Industries, Ltd., Tokai-Works *7		6,430	253	275	-22	6,408	8,500
Nippon Nuclear Fuel Development Co., Ltd. *8		351	127	50	77	428	649
Nuclear Development Corporation		1,784	60	0	60	1,844	3,183
Toshiba Corporation, Nuclear Engineering Laboratory		1,555	0	0	0	1,555	1,579
Total		89,266	2,270	1,765	505	89,771	117,262

- *1: Since the Nuclear Science Research Institute, Tokai Research and Development Center, Japan Atomic Energy Agency comes under the reactor facility and radioisotope using facility, the values of this table are the totals of wastes from the both facilities. Besides, it is not included in the total of this table.
- *2: Since the Oarai Research & Development Center (North Area), Japan Atomic Energy Agency, the Nuclear Professional School, Graduate School of Engineering, the University of Tokyo, and the Research Reactor Institute, Kyoto University come under the reactor facility, the values of this table are the totals of wastes from the reactor facilities. Besides, it is not included in the total of this table.
- *3: The radioactive solid waste other than ion exchange resin of the Oarai Research & Development Center (North Area), Japan Atomic Energy Agency, is not included in this table since it is processed and stored at the waste management facility within the Center.
- *4: Solid radioactive waste from the Oarai Research & Development Center (South Area), Japan Atomic Energy Agency, is transferred to the waste management facility of Oarai Research & Development Center (North Area).
- *5: A part of solid radioactive waste of the Tokai Safeguard Center, Nuclear Material Control Center, is transferred to the waste treatment facility of Japan Atomic Energy.
- *6: For the Tokai Safeguard Center, Nuclear Material Control Center, the solid radioactive waste is stored in the development and test building, but 229 drums out of 428 drums are temporarily stored in the safeguards analysis building. Moreover, 83 drums out of 84 drums of year end storage inventory in the new analysis building are temporarily stored in the safeguards analysis building.
- *7: The values of this table for the Tokai Works, Nuclear Fuel Industries, Ltd. is a total with the amount from the fuel manufacturing facility since the works comes under also to fuel manufacturing facility.
- *8: A part of solid radioactive waste of the Nippon Nuclear Fuel Development Co., Ltd. is transferred to the waste management facility of the Oarai Research & Development Center (North Area), Japan Atomic Energy Agency.

Table 12 Status of Liquid Radioactive Waste Storage Management in FY 2012
(Nuclear Fuel Material Using Facilities)

[Unit: m³]

Name of Office		Storage at the End of Previous Fiscal Year	Generation in This Fiscal Year	Reduction in this Fiscal Year	Balanced Amount	Storage at the End of This Fiscal Year	Storage Equipment Capacity
Japan Atomic Energy Agency	Tokai Research and Development Center, Nuclear Fuel Cycle Engineering Laboratories *1	26.2	0.0	0.0	-0.1	26.1	106.6
	Oarai Research & Development Center (South Area)	0.03	0.0	0.0	0.0	0.03	0.40
	Ningyo-toge Environmental Engineering Center	10.1	0.0	0.0	0.0	10.1	20
Nuclear Fuel Industries, Ltd., Tokai-Works *2		6.95	0.2	0.5	-0.3	6.65	9.6
Nippon Nuclear Fuel Development Co., Ltd., *3		11.4	15.7	18.0	-2.3	9.1	38.0
Toshiba Corporation, Nuclear Engineering Laboratory		0.74	0.0	0.0	0.0	0.74	2.4
Total		55.42	15.90	18.50	-2.70	52.72	177.0

*1: Increase or decrease by calibration of indicator is included other than reduction by evaporation, etc.

*2: The number of this table values of the Tokai Works, Nuclear Fuel Industries, Ltd. is a total with the amount from the fuel manufacturing facility since the works come under also to fuel manufacturing facility.

*3 The liquid radioactive waste of the Nippon Nuclear Fuel Development Co., Ltd. is transferred to the waste management facility, Oarai Research & Development Center (North), Japan Atomic Energy Agency.

(Note) Remarks for this table;

(1) This table shows the data of places of business that are provided with storage facilities for liquid radioactive waste.