

(3) Fuel Manufacturing Facilities

(Unit: equivalent number of drums)

Facility	Item	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Global Nuclear Fuel-Japan Co., Ltd.	Production in this fiscal year	289	268	183	2,663	296	1,673	1,739	1,775	1,296	755
	Reduction in this fiscal year	173	255	228	191	1,003	551	669	834	643	308
	Storage at the end of this fiscal year	12,875	12,888	12,843	15,315	14,608	15,730	16,800	17,741	18,394	18,841
	Storage equipment capacity	16,260	16,260	16,260	18,460	18,460	20,250	21,550	23,200	23,200	24,800
Mitsubishi Nuclear Fuel Co., Ltd.	Production in this fiscal year	1,137	1,178	871	901	1,134	749	961	1,116	875	1,034
	Reduction in this fiscal year	986	1,136	824	629	1,048	796	1,072	1,040	910	1,022
	Storage at the end of this fiscal year	10,201	10,243	10,290	10,562	10,648	10,601	10,490	10,566	10,531	10,543
	Storage equipment capacity	11,600	11,600	11,600	11,600	11,600	11,600	11,600	11,600	11,600	11,600
Nuclear Fuel Industries, Ltd., Tokai Works	Production in this fiscal year	509	603	510	604	834	638	627	493	378	268
	Reduction in this fiscal year	624	489	391	389	380	398	466	424	340	220
	Storage at the end of this fiscal year	4,972	5,086	5,205	5,420	5,874	6,114	6,275	6,344	6,382	6,430
	Storage equipment capacity	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500
Nuclear Fuel Industries, Ltd., Kumatori Works	Production in this fiscal year	255	767	1,249	1,204	691	390	348	428	401	295
	Reduction in this fiscal year	306	618	535	670	172	1	70	226	288	257
	Storage at the end of this fiscal year	4,303	4,452	5,166	5,700	6,219	6,608	6,886	7,088	7,201	7,239
	Storage equipment capacity	7,700	7,500	7,500	7,500	7,500	11,520	11,520	11,520	11,520	11,520
Japan Atomic Energy Agency, Uranium Enrichment Prototype Plant *11	Production in this fiscal year	4	92	77	0	48	43	0	27	0	13
	Reduction in this fiscal year	0	0	0	0	0	103	0	0	0	27
	Storage at the end of this fiscal year	396	488	565	565	613	553	553	580	580	566
	Storage equipment capacity	800	800	800	800	800	800	800	800	800	800
Japan Nuclear Fuel Ltd., Uranium Enrichment Plant/Low-level Radioactive Waste burial Center (Fuel manufacturing facility)	Production in this fiscal year	191	163	134	152	224	77	252	190	1,004	147
	Reduction in this fiscal year	0	0	0	0	0	0	0	0	0	0
	Storage at the end of this fiscal year	*1	*1	*1	*1	*1	*1	*1	*1	*1	*1
	Storage equipment capacity	3,785	3,947	4,081	4,232	4,456	4,533	4,785	4,974	5,978	6,125
Total	Production in this fiscal year	2,385	3,071	3,024	5,524	3,227	3,570	3,927	4,029	3,954	2,512
	Reduction in this fiscal year	2,089	2,498	1,978	1,879	2,603	1,849	2,277	2,524	2,181	1,834
	Storage at the end of this fiscal year	*1	*1	*1	*1	*1	*1	*1	*1	*1	*1
	Storage equipment capacity	36,532	37,104	38,150	41,794	42,418	44,139	45,789	47,293	49,066	49,744
		51,560	51,360	51,360	53,560	53,560	59,370	60,670	62,320	65,520	67,120

*11: Combustible and flame-retardant waste is not included in the data in the period up to FY 2002.

(4) Reprocessing Facilities

(Unit: equivalent number of drums)

Facility	Item	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Japan Atomic Energy Agency, Reprocessing facilities *12	Production in this fiscal year	1,040	1,029	879	830	424	423	381	343	393	197
	Reduction in this fiscal year	920	920	920	0	0	52	228	144	152	104
	Storage at the end of this fiscal year	80,067	80,176	80,135	80,965	81,389	81,760	81,913	82,112	82,353	82,446
	Storage equipment capacity	102,460	102,460	102,460	102,460	102,460	102,460	102,460	102,460	102,460	102,460
Japan Nuclear Fuel Ltd., Reprocessing plant (Reprocessing facility) *14	Production in this fiscal year	1,800	3,924	960	1,805	6,109	4,503	1,771	7,821	7,761	6,183
	Reduction in this fiscal year	0	0	0	0	0	0	0	*15	5,808	0
	Storage at the end of this fiscal year	3,304	7,228	8,188	9,993	16,101	20,604	22,375	*15	*15	32,780
	Storage capacity *13	11,350	11,350	61,350	66,350	74,750	74,750	74,750	74,750	74,750	75,180
Total	Production in this fiscal year	2,840	4,953	1,839	2,635	6,533	4,926	2,152	8,164	8,154	6,380
	Reduction in this fiscal year	920	920	920	0	0	52	228	*15	5,960	104
	Storage at the end of this fiscal year	83,371	87,404	88,323	90,958	97,490	102,364	104,288	*15	*15	115,226
	Storage equipment capacity	113,810	113,810	163,810	168,810	177,210	177,210	177,210	177,210	177,210	177,640

*12: The value excludes the amount of vitrified waste. At the end of FY 2011, 247 canisters of vitrified were stored, compared to the storage capacity of 420 canisters.

*13: The storage capacity includes the capacity of the waste resin tanks equivalent to 4,250 drums (approx. 190 m³ × 3 units, approx. 80 m³ × 2 units, approx. 120 m³ × 1 unit).

*14: Other waste including sheared pieces of cladding materials classified as low-level radioactive solid waste equivalent to 219 1,000-liter drums was stored, compared to the capacity of 2,000 drums.
At the end of FY 2011, 125 canisters of vitrified were stored, compared to the storage capacity of 3,195 canisters.

*15: An amount equivalent to 1,280 drums of waste that was shipped from the primary low-level radioactive waste storage building in FY 2009 to the primary low-level radioactive waste storage building in FY 2010 for waste arrangement is not included in the reduction in FY2009 or not included in the production in FY2010 and is included in the storage for the end of FY2009 and FY2010 .

(5) Waste Burial Facilities, Waste Management Facilities

(Unit: equivalent number of drums)

Facility	Item	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Japan Nuclear Fuel Ltd., Uranium Enrichment Plant/Low-level Radioactive Waste Burial Center (Waste burial facilities)	Production in this fiscal year	0	0	0	0	0	0	0	0	0	0
	Reduction in this fiscal year	0	0	0	0	0	0	0	0	0	0
	Storage at the end of this fiscal year	0	0	0	0	0	0	0	0	0	0
	Storage equipment capacity	80	80	80	80	80	80	80	80	80	80
Japan Nuclear Fuel Ltd., Reprocessing plant (Waste management facilities)	Production in this fiscal year	60	44	32	68	44	120	172	56	96	144
	Reduction in this fiscal year	0	0	0	0	0	0	0	0	0	100
	Storage at the end of this fiscal year	476	520	552	620	664	784	956	1,012	1,108	1,152
	Storage equipment capacity	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
Japan Atomic Energy Agency, Waste Burial Facilities *16	Production in this fiscal year	-	-	-	-	-	-	-	-	-	-
	Reduction in this fiscal year	-	-	-	-	-	-	-	-	-	-
	Storage at the end of this fiscal year	-	-	-	-	-	-	-	-	-	-
	Storage equipment capacity	-	-	-	-	-	-	-	-	-	-
Japan Atomic Energy Agency, Waste management facilities *17	Production in this fiscal year	520	(24) 473	(28) 561	(20) 317	(13) 426	(35) 517	(10) 336	(97) 343	(11) 239	(47) 286
	Reduction in this fiscal year	0	0	0	0	0	0	0	0	0	0
	Storage at the end of this fiscal year	25,863	(457) 26,336	(485) 26,897	(505) 27,214	(518) 27,640	(553) 28,157	(563) 28,493	(660) 28,836	(671) 29,075	(718) 29,361
	Storage equipment capacity	42,795	42,795	42,795	42,795	42,795	42,795	42,795	42,795	42,795	42,795
Total	Production in this fiscal year	580	517	593	385	470	637	508	399	335	430
	Reduction in this fiscal year	0	0	0	0	0	0	0	0	0	100
	Storage at the end of this fiscal year	26,339	26,856	27,449	27,834	28,304	28,941	29,449	29,848	30,183	30,513
	Storage equipment capacity	44,075	44,075	44,075	44,075	44,075	44,075	44,075	44,075	44,075	44,075

*16: There is no storage equipment.

*17: The numbers in parentheses indicate the amount of generated waste from the respective facilities and are included in the total amount of waste managed by these management facilities, which is displayed immediately below.