

(2) Nuclear Power Reactor Facilities in the Research and Development Stage

(Unit: equivalent No. of drums)

Facility	Item	FY 2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Japan Atomic Energy Agency, Fugen Decommissioning Engineering Center	Generated This FY	456	315	562	462	573	888	844	635	604	406
	Reduction This FY	134	225	728	808	541	730	636	738	516	721
	Reduction at the PS	134	225	728	808	541	730	636	738	516	721
	Reduction Outside the PS	0	0	0	0	0	0	0	0	0	0
	Storage at End of This FY	19,328	19,418	19,252	18,906	18,938	19,096	19,304	19,201	19,289	18,974
	Storage Equipment Capacity	21,500	21,500	21,500	21,500	21,500	21,500	21,500	21,500	21,500	21,500
Japan Atomic Energy Agency, Fast Breeder Prototype Reactor Monju	Generated This FY	328	256	320	232	236	584	532	256	180	164
	Reduction This FY	0	0	0	0	0	0	0	0	0	0
	Reduction at the PS	0	0	0	0	0	0	0	0	0	0
	Reduction Outside the PS	0	0	0	0	0	0	0	0	0	0
	Storage at End of This FY	2,804	3,060	3,380	3,612	3,848	4,432	4,964	5,220	5,400	5,564
	Storage Equipment Capacity	23,000	23,000	23,000	23,000	23,000	23,000	23,000	23,000	23,000	23,000
Total	Generated This FY	784	571	882	694	809	1,472	1,376	891	784	570
	Reduction This FY	134	225	728	808	541	730	636	738	516	721
	Reduction at the PS	134	225	728	808	541	730	636	738	516	721
	Reduction Outside the PS	0	0	0	0	0	0	0	0	0	0
	Storage at End of This FY	22,132	22,478	22,632	22,518	22,786	23,528	24,268	24,421	24,689	24,538
	Storage Equipment Capacity	44,500	44,500	44,500	44,500	44,500	44,500	44,500	44,500	44,500	44,500

(3) Fuel Manufacturing Facilities

(Unit: equivalent No. of drums)

Facility	Item	FY 2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Global Nuclear Fuel-Japan Co., Ltd.	Generated This FY	183	2,663	296	1,673	1,739	1,775	1,296	755	190	276
	Reduction This FY	228	191	1,003	551	669	834	643	308	205	168
	Storage at End of This FY	12,843	15,315	14,608	15,730	16,800	17,741	18,394	18,841	18,826	18,934
	Storage Equipment Capacity	16,260	18,460	18,460	20,250	21,550	23,200	23,200	24,800	24,800	24,800
Mitsubishi Nuclear Fuel Co., Ltd.	Generated This FY	871	901	1,134	749	961	1,116	875	1,034	883	573
	Reduction This FY	824	629	1,048	796	1,072	1,040	910	1,022	1,113	714
	Storage at End of This FY	10,290	10,562	10,648	10,601	10,490	10,566	10,531	10,543	10,313	10,172
	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	Generated This FY	510	604	834	638	627	493	378	268	253	152
	Reduction This FY	391	389	380	398	466	424	340	220	276	182
	Storage at End of This FY	5,205	5,420	5,874	6,114	6,275	6,344	6,382	6,430	6,408	6,378
	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	Generated This FY	1,249	1,204	691	390	348	428	401	295	746	603
	Reduction This FY	535	670	172	1	70	226	288	257	32	366
	Storage at End of This FY	5,166	5,700	6,219	6,608	6,886	7,088	7,201	7,239	7,953	8,190
	Storage Equipment Capacity	7,500	7,500	7,500	11,520	11,520	11,520	11,520	11,520	11,520	11,520
Japan Atomic Energy Agency, Uranium Enrichment Demonstration Plant	Generated This FY	77	0	48	43	0	27	0	13	1	20
	Reduction This FY	0	0	0	103	0	0	0	27	0	0
	Storage at End of This FY	565	565	613	553	553	580	580	566	567	587
	Storage Equipment Capacity	800	800	800	800	800	800	800	800	800	800
Japan Nuclear Fuel Ltd., Enrichment and Disposal Office (Uranium Enrichment Plant)	Generated This FY	134	152	224	77	252	190	1,004	147	346	232
	Reduction This FY	0	0	0	0	0	0	0	0	0	0
	Storage at End of This FY	4,081	*1 4,232	4,456	4,533	4,785	*1 4,974	5,978	6,125	6,471	6,703
	Storage Equipment Capacity	6,700	6,700	6,700	6,700	6,700	6,700	9,900	9,900	16,900	16,900
Total	Generated This FY	3,024	5,524	3,227	3,570	3,927	4,029	3,954	2,512	2,419	1,856
	Reduction This FY	1,978	1,879	2,603	1,849	2,277	2,524	2,181	1,834	1,626	1,430
	Storage at End of This FY	38,150	*1 41,794	42,418	44,139	45,789	*1 47,293	49,066	49,744	*1 50,538	50,964
	Storage Equipment Capacity	51,360	53,560	53,560	59,370	60,670	62,320	65,520	67,120	74,120	74,120

(4) Reprocessing Facilities

(Unit: equivalent No. of drums)

Facility	Item	FY 2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Japan Atomic Energy Agency, Reprocessing Facility *11	Generated This FY	879	830	424	423	381	343	393	197	223	251
	Reduction This FY	920	0	0	52	228	144	152	104	112	116
	Storage at End of This FY	80,135	80,965	81,389	81,760	81,913	82,112	82,353	82,446	82,557	82,692
	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) *13	Generated This FY	960	1,805	6,109	4,503	1,771	7,821	7,761	6,183	2,398	5,786
	Reduction This FY	0	0	0	0	0	5,552	5,808	0	4	3,092
	Storage at End of This FY	8,188	9,993	16,101	20,604	22,375	24,644	26,597	32,780	35,173	37,868
	Storage Equipment Capacity	61,350	66,350	74,750	74,750	74,750	74,750	74,750	75,180	75,180	88,680
Total	Generated This FY	1,839	2,635	6,533	4,926	2,152	8,164	8,154	6,380	2,621	6,037
	Reduction This FY	920	0	0	52	228	5,696	5,960	104	116	3,208
	Storage at End of This FY	88,323	90,958	97,490	102,364	104,288	106,756	108,950	115,226	117,730	120,560
	Storage Equipment Capacity	163,810	168,810	177,210	177,210	177,210	177,210	177,210	177,640	177,640	191,140

*11: Values do not include the amount of vitrified waste. At the end of FY2013, 247 canisters of vitrified waste were stored in the storage facility, which has a storage capacity of 420 canisters.

*12: Storage equipment capacity includes the capacity of the spent resin storage tanks (three approx. 190-m³ tanks, two approx. 80-m³ tanks, and one approx. 120-m³ tank), which is equivalent to 4,250 drums.

*13: In addition, 219 1,000-L drums of other waste, including sheared pieces of cladding materials, classified as low-level radioactive solid waste were stored in the storage facility having a storage capacity of 2,000 drums.

At the end of FY2013, 346 canisters of vitrified waste were stored in the storage facility having a storage capacity of 3,195 canisters.

*14: An amount equivalent to 1,280 drums of waste that was removed from the primary low-level radioactive waste storage building in FY2009 in order to organize waste and carried to the primary low-level radioactive waste storage building in FY2010 is not included in the reduction in FY2009 nor the generated amount in FY2010. This amount is included in the figures for storage at the end of FY2009 and FY2010.

(5) Waste Burial Facilities and Waste Management Facilities

(Unit: equivalent No. of drums)

Facility		FY									
		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Japan Nuclear Fuel Ltd., Enrichment and Disposal Office (Low-Level Radioactive Waste Disposal Center)	Generated This FY	0	0	0	0	0	0	0	0	0	0
	Reduction This FY	0	0	0	0	0	0	0	0	0	0
	Storage at End of This FY	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 Storage Facility)	Generated This FY	32	68	44	120	172	56	96	144	264	248
	Reduction This FY	0	0	0	0	0	0	0	100	300	312
	Storage at End of This FY	552	620	664	784	956	1,012	1,108	1,152	1,116	1,052
	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, Radioactive Waste Disposal Facility *15	Generated This FY	-	-	-	-	-	-	-	-	-	-
	Reduction This FY	-	-	-	-	-	-	-	-	-	-
	Storage at End of This FY	-	-	-	-	-	-	-	-	-	-
	Storage Equipment Capacity	-	-	-	-	-	-	-	-	-	-
Japan Atomic Energy Agency, Radioactive Waste Management Facility *16	Generated This FY	(28) 561	(20) 317	(13) 426	(35) 517	(10) 336	(97) 343	(11) 239	(47) 286	(4) 68	(17) 205
	Reduction This FY	0	0	0	0	0	0	0	0	0	0
	Storage at End of This FY	(485) 26,897	(505) 27,214	(518) 27,640	(553) 28,157	(563) 28,493	(660) 28,836	(671) 29,075	(718) 29,361	(722) 29,429	(739) 29,634
	Storage Equipment Capacity	42,795	42,795	42,795	42,795	42,795	42,795	42,795	42,795	42,795	42,795
Total	Generated This FY	593	385	470	637	508	399	335	430	332	453
	Reduction This FY	0	0	0	0	0	0	0	100	300	312
	Storage at End of This FY	27,449	27,834	28,304	28,941	29,449	29,848	30,183	30,513	30,545	30,686
	Storage Equipment Capacity	44,075	44,075	44,075	44,075	44,075	44,075	44,075	44,075	44,075	44,075

*15: This facility has no storage equipment.

*16: 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.