

Reference document 5 Management Status of Solid Waste (Solid Waste Storage) by Fiscal Year

① Commercial Power Reactor Facilities

Power station		FY1993	FY1994	FY1995	FY1996	FY1997	FY1998	FY1999	FY2000	FY2001	FY2002
Japan Atomic Power Company Co., Ltd. Tokai Power Station	Amount generated in FY 2002 (equivalent to the number of drums)	936	604	816	1,208	1,172	780	712	1,456	604	468
	Amount reduced in FY 2002	908	628	736	1,080	1,296	692	692	1,464	656	616
	reduction within plant *2	908	628	736	1,080	1,296	692	692	1,464	656	616
	reduction outside plant	0	0	0	0	0	0	0	0	0	0
	Amount of storage at the end of FY2002	200	176	256	384	260	348	368	360	308	160
Storage equipment capacity (number of drums)	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600
Japan Atomic Power Company Co., Ltd. Tokai Daini Power Station	Amount generated in FY 2002 (equivalent to the number of drums)	1,112	1,396	748	1,136	1,308	1,448	2,244	1,272	1,752	776
	Amount reduced in FY 2002	2,789	2,668	2,568	2,099	4,191	5,012	2,408	1,088	1,072	888
	reduction within plant *3	1,293	1,708	1,608	2,099	3,895	5,012	2,408	1,088	1,072	888
	reduction outside plant	1,496	960	960	0	296	0	0	0	0	0
	Amount of storage at the end of FY2002 *4	44,304	43,660	42,576	42,693	41,106	38,234	38,762	40,410	41,746	42,250
Storage equipment capacity (number of drums)	73,000	73,000	73,000	73,000	73,000	73,000	73,000	73,000	73,000	73,000	73,000
Japan Atomic Power Company Co., Ltd. Tsuruga Power Station	Amount generated in FY 2002 (equivalent to the number of drums)	3,320	3,872	3,840	4,972	3,133	4,884	7,352	5,148	3,220	1,897
	Amount reduced in FY 2002	2,616	2,128	2,460	1,724	1,308	2,780	1,628	3,956	2,688	1,632
	reduction within plant	1,312	848	1,820	1,404	1,308	1,684	1,628	3,956	2,688	1,632
	reduction outside plant	1,304	1,280	640	320	0	1,096	0	0	0	0
	Amount of storage at the end of FY2002	46,265	48,009	49,389	52,637	54,462	56,566	62,290	63,482	64,014	64,279
Storage equipment capacity (number of drums)	85,000	85,000	85,000	85,000	85,000	85,000	85,000	85,000	85,000	85,000	85,000
Tohoku Electric Power Co., Inc. Onagawa Nuclear Power Station	Amount generated in FY 2002 (equivalent to the number of drums)	2,048	2,184	2,976	1,368	3,368	2,336	2,424	2,124	3,720	2,912
	Amount reduced in FY 2002	760	1,940	1,768	2,444	1,720	1,608	800	904	1,108	1,500
	reduction within plant	760	980	808	1,484	1,264	696	800	904	1,108	1,500
	reduction outside plant	0	960	960	960	456	912	0	0	0	0
	Amount of storage at the end of FY2002	9,788	10,032	11,240	10,164	11,812	12,540	14,164	15,384	17,996	19,408
Storage equipment capacity (number of drums)	15,000	20,000	20,000	20,000	20,000	20,000	30,000	30,000	30,000	30,000	30,000
Tokyo Electric Power Co., Inc. Fukushima Daiichi Nuclear Power Station	Amount generated in FY 2002 (equivalent to the number of drums)	8,647	5,493	3,429	5,357	6,369	5,924	6,819	10,388	14,588	15,618
	Amount reduced in FY 2002	15,752	16,997	15,704	17,510	19,517	14,990	10,423	9,078	15,556	16,187
	reduction within plant	8,456	8,997	7,704	9,190	8,269	8,078	6,065	7,878	11,556	12,347
	reduction outside plant	7,296	8,000	8,000	8,320	11,248	6,912	4,358	1,200	4,000	3,840
	Amount of storage at the end of FY2002	231,684	220,180	207,905	195,752	182,604	173,538	169,932	171,244	170,276	169,707
Storage equipment capacity (number of drums)	298,500	298,500	298,500	298,500	298,500	298,500	284,500	284,500	284,500	284,500	
Tokyo Electric Power Co., Inc. Fukushima Daini Nuclear Power Station	Amount generated in FY 2002 (equivalent to the number of drums)	1,698	5,936	914	1,046	1,510	867	660	730	1,353	3,281
	Amount reduced in FY 2002	328	7,173	0	58	594	163	221	18	3,174	6,607
	reduction within plant	328	7,173	0	58	594	163	221	18	1,102	4,607
	reduction outside plant	0	0	0	0	0	0	0	0	2,072	2,000
	Amount of storage at the end of FY2002	18,956	17,719	18,633	19,621	20,537	21,241	21,680	22,392	20,571	17,245
Storage equipment capacity (number of drums)	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000

*1 The sum of the amount of storage at the end of the previous fiscal year and the amount generated in this fiscal year does not correspond to the values due to the error from rounding off the conversion calculation.

*2 This is the amount of waste transported to Tokai Daini Power Station.

*3 This includes the amount reduced at Tokai Power Station.

*4 This includes the waste that was transported from Tokai Power Station.

*5 Two drums, which could not be determined as applicable to the technical standards due to being transported to the low-level radioactive waste burial center, were not included in the amount at the end of the fiscal year, since these were stored in the power plant building.

Power station		FY1993	FY1994	FY1995	FY1996	FY1997	FY1998	FY1999	FY2000	FY2001	FY2002
Tokyo Electric Power Co., Inc. Kashiwazaki-Kariwa Nuclear Power Station	Amount generated in FY 2002 (equivalent to the number of drums)	874	925	645	914	1,324	995	669	808	862	761
	Amount reduced in FY 2002	0	0	0	0	0	0	107	124	140	24
	reduction within plant	0	0	0	0	0	0	107	124	140	24
	reduction outside plant	0	0	0	0	0	0	0	0	0	0
	Amount of storage at the end of FY2002	3,592	4,517	5,162	6,076	7,400	8,395	8,957	9,641	10,363	11,100
Storage equipment capacity (number of drums)	15,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000
Chubu Electric Power Co., Inc. Hamaoka Nuclear Power Station	Amount generated in FY 2002 (equivalent to the number of drums)	1,944	3,160	2,068	2,208	3,432	3,960	4,604	4,208	3,840	1,876
	Amount reduced in FY 2002	2,720	2,400	1,920	1,760	2,252	3,869	3,069	2,622	3,654	1,380
	reduction within plant	0	0	0	0	652	3,069	2,272	2,102	2,574	340
	reduction outside plant	2,720	2,400	1,920	1,760	1,600	800	797	520	1,080	1,040
	Amount of storage at the end of FY2002	29,337	30,097	30,245	30,693	31,873	31,964	33,496 ^{*3}	35,085 ^{*4}	35,271	35,767
Storage equipment capacity (number of drums)	42,000	42,000	42,000	42,000	42,000	42,000	42,000	42,000	42,000	42,000	42,000
Hokuriku Electric Power Co. Shika Nuclear Power Station	Amount generated in FY 2002 (equivalent to the number of drums)	264	220	224	256	158	116	274	320	112	324
	Amount reduced in FY 2002	0	0	0	0	0	0	0	0	0	0
	reduction within plant	0	0	0	0	0	0	0	0	0	0
	reduction outside plant	0	0	0	0	0	0	0	0	0	0
	Amount of storage at the end of FY2002	264	484	708	964	1,122	1,238	1,512	1,832	1,944	2,268
Storage equipment capacity (number of drums)	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
Chugoku Electric Power Co., Inc. Shimane Nuclear Power Station	Amount generated in FY 2002 (equivalent to the number of drums)	2,489	3,106	2,240	2,607	1,830	1,042	1,657	4,099	1,770	1,795
	Amount reduced in FY 2002	2,220	1,964	2,535	2,388	2,938	2,431	1,837	1,304	767	3,143
	reduction within plant	620	684	935	788	1,338	831	757	1,304	767	3,143
	reduction outside plant	1,600	1,280	1,600	1,600	1,600	1,600	1,080	0	0	0
	Amount of storage at the end of FY2002	27,119	28,261	27,966	28,185	27,077	25,688	25,508	28,303	29,306	27,958
Storage equipment capacity (number of drums)	35,500	35,500	35,500	35,500	35,500	35,500	35,500	35,500	35,500	35,500	35,500
Hokkaido Electric Power Co., Inc. Tomari Power Station	Amount generated in FY 2002 (equivalent to the number of drums)	361	268	419	504	386	299	348	505	380	356
	Amount reduced in FY 2002	0	0	0	0	0	0	0	0	664	100
	reduction within plant	0	0	0	0	0	0	0	0	0	100
	reduction outside plant	0	0	0	0	0	0	0	0	664	0
	Amount of storage at the end of FY2002	1,138	1,406	1,824 ^{*1}	2,328	2,713 ^{*1}	3,012	3,360	3,864 ^{*1}	3,579 ^{*1}	3,835
Storage equipment capacity (number of drums)	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000
Kansai Electric Power Co., Inc. Mihama Power Station	Amount generated in FY 2002 (equivalent to the number of drums)	2,428	2,304	3,145	2,721	1,194	1,479	1,843	1,651	3,504	3,135
	Amount reduced in FY 2002	4,417	4,426	1,319 ^{*2}	842	2,024	1,170	689	526	2,540	3,423
	reduction within plant	417	586	679 ^{*2}	842	2,024	1,170	689	526	2,044	2,703
	reduction outside plant	4,000	3,840	640	0	0	0	0	0	496	720
	Amount of storage at the end of FY2002	24,432	22,310	24,135 ^{*1}	26,014	25,184	25,492 ^{*1}	26,646 ^{*1}	27,772 ^{*1}	28,736	28,448
Storage equipment capacity (number of drums)	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000

*1 The sum of the amount of storage at the end of the previous fiscal year and the amount generated in this fiscal year does not correspond to the values due to the error from rounding off the conversion calculation.

*2 The value includes the amount transported to the steam generator storehouse (equivalent to 149 drums).

*3 Three drums, which could not be determined as applicable to the technical standards due to being transported to the low-level radioactive waste burial center, were not included in the amount at the end of the fiscal year, since these were stored in the power plant building.

*4 With respect to the waste of *3, the inspection of the three drums was completed in the waste volume reduction building, and were moved to solid waste storage for disposal.

Power station		FY1993	FY1994	FY1995	FY1996	FY1997	FY1998	FY1999	FY2000	FY2001	FY2002
Kansai Electric Power Co., Inc. Takahama Power Station	Amount generated in FY 2002 (equivalent to the number of drums)	1,615	1,820	1,601	2,223	2,661	2,271	1,315	1,593	1,375	1,440
	Amount reduced in FY 2002	361	237	654	4,849	3,858	3,983	1,102	1,160	797	743
	reduction within plant	361	237	654	1,009	498	1,007	1,102	1,160	797	743
	reduction outside plant	0	0	0	3,840	3,360	2,976	0	0	0	0
	Amount of storage at the end of FY2002	*1 33,083	*1 34,665	35,612	32,986	31,789	30,077	30,290	30,723	31,301	31,998
Storage equipment capacity (number of drums)	50,600	50,600	50,600	50,600	50,600	50,600	50,600	50,600	50,600	50,600	
Kansai Electric Power Co., Inc. Ohi Power Station	Amount generated in FY 2002 (equivalent to the number of drums)	2,237	2,297	1,807	1,648	2,355	3,206	2,673	3,801	4,233	2,726
	Amount reduced in FY 2002	1,786	2,976	2,316	1,284	38	244	768	3,055	4,086	4,273
	reduction within plant	786	296	76	4	38	244	768	2,416	2,726	2,777
	reduction outside plant	1,000	2,680	2,240	1,280	0	0	0	640	1,360	1,496
	Amount of storage at the end of FY2002	*1 19,108	*1 18,429	17,920	18,284	20,601	23,563	25,468	26,214	26,361	24,814
Storage equipment capacity (number of drums)	38,900	38,900	38,900	38,900	38,900	38,900	38,900	38,900	38,900	38,900	
Shikoku Electric Power Co., Inc. Ikata Power Station	Amount generated in FY 2002 (equivalent to the number of drums)	1,756	1,439	1,903	2,316	2,356	2,390	2,046	3,003	3,314	2,452
	Amount reduced in FY 2002	1,778	1,782	1,768	1,821	1,396	2,197	1,331	1,144	791	828
	reduction within plant	1,274	1,142	1,128	1,181	1,396	1,653	1,331	1,144	791	828
	reduction outside plant	504	640	640	640	0	544	0	0	0	0
	Amount of storage at the end of FY2002	*1 11,366	*1 11,022	11,157	11,652	12,612	12,804	13,519	15,378	17,901	19,524
Storage equipment capacity (number of drums)	38,500	38,500	38,500	38,500	38,500	38,500	38,500	38,500	38,500	38,500	
Kyushu Electric Power Co., Inc. Genkai Nuclear Power Station	Amount generated in FY 2002 (equivalent to the number of drums)	1,117	2,822	1,652	2,297	2,103	2,385	1,974	2,136	3,235	2,094
	Amount reduced in FY 2002	830	1,339	2,333	2,669	2,562	2,494	1,129	995	1,166	2,303
	reduction within plant	230	379	1,373	1,709	1,602	1,654	809	659	1,166	1,703
	reduction outside plant	600	960	960	960	960	840	320	336	0	600
	Amount of storage at the end of FY2002	16,226	17,709	17,028	16,656	16,197	16,088	16,933	18,074	20,143	19,934
Storage equipment capacity (number of drums)	29,000	29,000	29,000	29,000	29,000	29,000	29,000	29,000	29,000	29,000	
Kyushu Electric Power Co., Inc. Sendai Nuclear Power Station	Amount generated in FY 2002 (equivalent to the number of drums)	730	640	967	778	447	880	1,268	1,489	549	769
	Amount reduced in FY 2002	273	336	142	118	204	194	343	266	463	394
	reduction within plant	273	336	142	118	204	194	343	266	463	394
	reduction outside plant	0	0	0	0	0	0	0	0	0	0
	Amount of storage at the end of FY2002	4,823	5,127	5,952	6,612	6,855	7,541	8,466	9,689	9,775	10,150
Storage equipment capacity (number of drums)	17,000	17,000	17,000	17,000	17,000	17,000	17,000	17,000	17,000	17,000	
Total	Amount generated in FY 2002 (equivalent to the number of drums)	33,576	38,486	29,394	33,559	35,106	35,262	38,882	44,731	48,411	42,680
	Amount reduced in FY 2002	36,630	46,366	35,487	39,566	42,602	41,135	25,855	26,240	38,666	43,425
	reduction within plant	*3 16,110	23,366	*2 16,927	19,886	23,082	25,455	19,300	23,544	28,994	33,729
	reduction outside plant	20,520	23,000	18,560	19,680	19,520	15,680	6,555	2,696	9,672	9,696
	Amount of storage at the end of FY2002	521,685	*1 513,803	*1 507,708	501,701	494,204	*1 488,329	*1 501,351	*4 519,847	*1 *5 529,591	*1 528,845
Storage equipment capacity (number of drums)	829,600	849,600	849,600	849,600	849,600	849,600	845,600	845,600	845,600	845,600	

*1 The sum of the amount of storage at the end of the previous fiscal year and the amount generated in this fiscal year does not correspond to the values due to the error from rounding off the conversion calculation.

*2 The value includes the amount transported from solid waste storage to the steam generator storehouse at the Mihama Power Station of the Kansai Electric Power Co., Inc. (equivalent to 149 drums).

*3 The values do not include the amount reduced due to transportation from Japan Atomic Power Company's Tokai Power Station to the Tokai Daini Power Station applicable to the technical standards due to being transported to the low-level radioactive waste burial center, were not included in the amount at the end of the fiscal year, since these were stored in the power plant buildings.

*5 With respect to the waste at Hamaoka Power Station of *4, the inspection for the three drums was completed in the waste volume reduction building, and were moved to solid waste storage for disposal.