

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

① Commercial Power Reactor Facilities

Power station		FY1992	FY1993	FY1993	FY1995	FY1996	FY1997	FY1998	FY1999	FY2000	FY2001
Japan Atomic Power Company Co., Ltd. Tokai Power Station	Amount generated in FY 2001 (equivalent to the number of drums)	628	936	604	816	1,208	1,172	780	712	1,456	604
	Amount reduced in FY 2001	612	908	628	736	1,080	1,296	692	692	1,464	656
	reduction within plant *2	612	908	628	736	1,080	1,296	692	692	1,464	656
	reduction outside plant	0	0	0	0	0	0	0	0	0	0
	Amount of storage at the end of FY2001	172	200	176	256	384	260	348	368	360	308
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 2001 (equivalent to the number of drums)	2,108	1,112	1,396	748	1,136	1,308	1,448	2,244	1,272	1,752
	Amount reduced in FY 2001	2,331	2,789	2,668	2,568	2,099	4,191	5,012	2,408	1,088	1,072
	reduction within plant *3	851	1,293	1,708	1,608	2,099	3,895	5,012	2,408	1,088	1,072
	reduction outside plant	1,480	1,496	960	960	0	296	0	0	0	0
	Amount of storage at the end of FY2001 *4	45,073	44,304	43,660	42,576	42,693	41,106	38,234	38,762	40,410	41,746
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 2001 (equivalent to the number of drums)	3,268	3,320	3,872	3,840	4,972	3,133	4,884	7,352	5,148	3,220
	Amount reduced in FY 2001	1,172	2,616	2,128	2,460	1,724	1,308	2,780	1,628	3,956	2,688
	reduction within plant	1,172	1,312	848	1,820	1,404	1,308	1,684	1,628	3,956	2,688
	reduction outside plant	0	1,304	1,280	640	320	0	1,096	0	0	0
	Amount of storage at the end of FY2001	45,561	46,265	48,009	49,389	52,637	54,462	56,566	62,290	63,482	64,014
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 2001 (equivalent to the number of drums)	2,052	2,048	2,184	2,976	1,368	3,368	2,336	2,424	2,124	3,720
	Amount reduced in FY 2001	1,260	760	1,940	1,768	2,444	1,720	1,608	800	904	1,108
	reduction within plant	1,260	760	980	808	1,484	1,264	696	800	904	1,108
	reduction outside plant	0	0	960	960	960	456	912	0	0	0
	Amount of storage at the end of FY2001	8,500	9,788	10,032	11,240	10,164	11,812	12,540	14,164	15,384	17,996
Storage equipment capacity (number of drums)	15,000	15,000	20,000	20,000	20,000	20,000	20,000	30,000	30,000	30,000	
Tokyo Electric Power Co., Inc. Fukushima Daiichi Nuclear Power Station	Amount generated in FY 2001 (equivalent to the number of drums)	5,696	8,647	5,493	3,429	5,357	6,369	5,924	6,819	10,388	14,588
	Amount reduced in FY 2001	11,689	15,752	16,997	15,704	17,510	19,517	14,990	10,423	9,078	15,556
	reduction within plant	9,009	8,456	8,997	7,704	9,190	8,269	8,078	6,065	7,878	11,556
	reduction outside plant	2,680	7,296	8,000	8,000	8,320	11,248	6,912	4,358	1,200	4,000
	Amount of storage at the end of FY2001	238,789	231,684	220,180	207,905	195,752	182,604	173,538	169,932	171,244	170,276
Storage equipment capacity (number of drums)	298,500	298,500	298,500	298,500	298,500	298,500	298,500	284,500	284,500	284,500	
Tokyo Electric Power Co., Inc. Fukushima Daini Nuclear Power Station	Amount generated in FY 2001 (equivalent to the number of drums)	2,096	1,698	5,936	914	1,046	1,510	867	660	730	1,353
	Amount reduced in FY 2001	252	328	7,173	0	58	594	163	221	18	3,174
	reduction within plant	252	328	7,173	0	58	594	163	221	18	1,102
	reduction outside plant	0	0	0	0	0	0	0	0	0	2,072
	Amount of storage at the end of FY2001	17,586	18,956	17,719	18,633	19,621	20,537	21,241	21,680	22,392	20,571
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	

*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 station building.

Power station		FY1992	FY1993	FY1993	FY1995	FY1996	FY1997	FY1998	FY1999	FY2000	FY2001
Tokyo Electric Power Co., Inc. Kashiwazaki-Kariwa Nuclear Power Station	Amount generated in FY 2001 (equivalent to the number of drums)	720	874	925	645	914	1,324	995	669	808	862
	Amount reduced in FY 2001	549	0	0	0	0	0	0	107	124	140
	reduction within plant	549	0	0	0	0	0	0	107	124	140
	reduction outside plant	0	0	0	0	0	0	0	0	0	0
	Amount of storage at the end of FY2001	2,718	3,592	4,517	5,162	6,076	7,400	8,395	8,957	9,641	10,363
Storage equipment capacity (number of drums)	15,000	15,000	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 2001 (equivalent to the number of drums)	1,271	1,944	3,160	2,068	2,208	3,432	3,960	4,604	4,208	3,840
	Amount reduced in FY 2001	3,012	2,720	2,400	1,920	1,760	2,252	3,869	3,069	2,622	3,654
	reduction within plant	1,092	0	0	0	0	652	3,069	2,272	2,102	2,574
	reduction outside plant	1,920	2,720	2,400	1,920	1,760	1,600	800	797	520	1,080
	Amount of storage at the end of FY2001	30,113	29,337	30,097	30,245	30,693	31,873	31,964	*3 33,496	*4 35,085	35,271
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 2001 (equivalent to the number of drums)	0	264	220	224	256	158	116	274	320	112
	Amount reduced in FY 2001	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 FY2001	0	264	484	708	964	1,122	1,238	1,512	1,832	1,944
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	
Chugoku Electric Power Co., Inc. Shimane Nuclear Power Station	Amount generated in FY 2001 (equivalent to the number of drums)	2,973	2,489	3,106	2,240	2,607	1,830	1,042	1,657	4,099	1,770
	Amount reduced in FY 2001	535	2,220	1,964	2,535	2,388	2,938	2,431	1,837	1,304	767
	reduction within plant	535	620	684	935	788	1,338	831	757	1,304	767
	reduction outside plant	0	1,600	1,280	1,600	1,600	1,600	1,600	1,080	0	0
	Amount of storage at the end of FY2001	26,850	27,119	28,261	27,966	28,185	27,077	25,688	25,508	28,303	29,306
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	
Hokkaido Electric Power Co., Inc. Tomari Power Station	Amount generated in FY 2001 (equivalent to the number of drums)	321	361	268	419	504	386	299	348	505	380
	Amount reduced in FY 2001	0	0	0	0	0	0	0	0	0	664
	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	664
	Amount of storage at the end of FY2001	777	1,138	1,406	*1 1,824	*1 2,328	*1 2,713	*1 3,012	*1 3,360	*1 3,864	*1 3,579
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	
Kansai Electric Power Co., Inc. Mihama Power Station	Amount generated in FY 2001 (equivalent to the number of drums)	1,132	2,428	2,304	3,145	2,721	1,194	1,479	1,843	1,651	3,504
	Amount reduced in FY 2001	812	4,417	4,426	1,319	842	2,024	1,170	689	526	2,540
	reduction within plant	812	417	586	*2 679	842	2,024	1,170	689	526	2,044
	reduction outside plant	0	4,000	3,840	640	0	0	0	0	0	496
	Amount of storage at the end of FY2001	26,421	24,432	22,310	*1 24,135	*1 26,014	*1 25,184	*1 25,492	*1 26,646	*1 27,772	*1 28,736
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	

*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 station 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		FY1992	FY1993	FY1993	FY1995	FY1996	FY1997	FY1998	FY1999	FY2000	FY2001	
Kansai Electric Power Co., Inc.	Amount generated in FY 2001 (equivalent to the number of drums)	1,777	1,615	1,820	1,601	2,223	2,661	2,271	1,315	1,593	1,375	
	Amount reduced in FY 2001	511	361	237	654	4,849	3,858	3,983	1,102	1,160	797	
	Takahama Power Station	reduction within plant	511	361	237	654	1,009	498	1,007	1,102	1,160	797
		reduction outside plant	0	0	0	0	3,840	3,360	2,976	0	0	0
	Amount of storage at the end of FY2001	*1	31,828	33,083	34,665	35,612	32,986	31,789	30,077	30,290	30,723	31,301
	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.	Amount generated in FY 2001 (equivalent to the number of drums)	2,395	2,237	2,297	1,807	1,648	2,355	3,206	2,673	3,801	4,233	
	Amount reduced in FY 2001	1,416	1,786	2,976	2,316	1,284	38	244	768	3,055	4,086	
	Ohi Power Station	reduction within plant	1,416	786	296	76	4	38	244	768	2,415	2,726
		reduction outside plant	0	1,000	2,680	2,240	1,280	0	0	0	640	1,360
	Amount of storage at the end of FY2001	*1	18,658	19,108	18,429	17,920	18,284	20,601	23,563	25,468	26,214	26,361
	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.	Amount generated in FY 2001 (equivalent to the number of drums)	1,716	1,756	1,439	1,903	2,316	2,356	2,390	2,046	3,003	3,314	
	Amount reduced in FY 2001	1,582	1,778	1,782	1,768	1,821	1,396	2,197	1,331	1,144	791	
	Ikata Power Station	reduction within plant	1,582	1,274	1,142	1,128	1,181	1,396	1,653	1,331	1,144	791
		reduction outside plant	0	504	640	640	640	0	544	0	0	0
	Amount of storage at the end of FY2001	*1	11,388	11,366	11,022	11,157	11,652	12,612	12,804	13,519	15,378	17,901
	Storage equipment capacity (number of drums)		18,500	38,500	38,500	38,500	38,500	38,500	38,500	38,500	38,500	38,500
Kyushu Electric Power Co., Inc.	Amount generated in FY 2001 (equivalent to the number of drums)	823	1,117	2,822	1,652	2,297	2,103	2,385	1,974	2,136	3,235	
	Amount reduced in FY 2001	92	830	1,339	2,333	2,669	2,562	2,494	1,129	995	1,166	
	Genkai Nuclear Power Station	reduction within plant	92	230	379	1,373	1,709	1,602	1,654	809	659	1,166
		reduction outside plant	0	600	960	960	960	960	840	320	336	0
	Amount of storage at the end of FY2001		15,939	16,226	17,709	17,028	16,656	16,197	16,088	16,933	18,074	20,143
	Storage equipment capacity (number of drums)		19,000	29,000	29,000	29,000	29,000	29,000	29,000	29,000	29,000	29,000
Kyushu Electric Power Co., Inc.	Amount generated in FY 2001 (equivalent to the number of drums)	1,124	730	640	967	778	447	880	1,268	1,489	549	
	Amount reduced in FY 2001	311	273	336	142	118	204	194	343	266	463	
	Sendai Nuclear Power Station	reduction within plant	311	273	336	142	118	204	194	343	266	463
		reduction outside plant	0	0	0	0	0	0	0	0	0	0
	Amount of storage at the end of FY2001		4,366	4,823	5,127	5,952	6,612	6,855	7,541	8,466	9,689	9,775
	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 2001 (equivalent to the number of drums)	30,100	33,576	38,486	29,394	33,559	35,106	35,262	38,882	44,731	48,411	
	Amount reduced in FY 2001	25,524	36,630	46,366	35,487	39,566	42,602	41,135	25,855	26,240	38,666	
		reduction within plant *3	19,444	16,110	23,366	16,927	19,886	23,082	25,455	19,300	23,544	28,994
		reduction outside plant	6,080	20,520	23,000	18,560	19,680	19,520	15,680	6,555	2,696	9,672
	Amount of storage at the end of FY2001	*1	524,739	521,685	513,803	507,708	501,701	494,204	488,329	501,351	519,847	529,591
	Storage equipment capacity (number of drums)		799,600	829,600	849,600	849,600	849,600	849,600	849,600	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 Mihama Power Station of 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 Tokai Daini Power Station applicable to the technical standards due to being transported to 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 station 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.