

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

Power station		FY1990	FY1991	FY1992	FY1993	FY1994	FY1995	FY1996	FY1997	FY1998	FY1999
Japan Atomic Power Company Co., Ltd. Tokai Power Station	Amount generated in FY 1999 (equivalent to the number of drums)	876	1,000	628	936	604	816	1,208	1,172	780	712
	Amount reduced in FY 1999	780	1,060	612	908	628	736	1,080	1,296	692	692
	reduction within plant *1	780	1,060	612	908	628	736	1,080	1,296	692	692
	reduction outside plant	0	0	0	0	0	0	0	0	0	0
	Amount of storage at the end of FY1999	216	156	172	200	176	256	384	260	348	368
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 1999 (equivalent to the number of drums)	900	1,920	2,108	1,112	1,396	748	1,136	1,308	1,448	2,244
	Amount reduced in FY 1999	1,702	2,384	2,331	2,789	2,668	2,568	2,099	4,191	5,012	2,408
	reduction within plant *2	1,702	2,384	851	1,293	1,708	1,608	2,099	3,895	5,012	2,408
	reduction outside plant	0	0	1,480	1,496	960	960	0	296	0	0
	Amount of storage at the end of FY1999 *3	44,088	44,684	45,073	44,304	43,660	42,576	42,693	41,106	38,234	38,762
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 1999 (equivalent to the number of drums)	3,020	3,288	3,268	3,320	3,872	3,840	4,972	3,133	4,884	7,352
	Amount reduced in FY 1999	888	864	1,172	2,616	2,128	2,460	1,724	1,308	2,780	1,628
	reduction within plant	888	864	1,172	1,312	848	1,820	1,404	1,308	1,684	1,628
	reduction outside plant	0	0	0	1,304	1,280	640	320	0	1,096	0
	Amount of storage at the end of FY1999	41,041	43,465	45,561	46,265	48,009	49,389	52,637	54,462	56,566	62,290
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 1999 (equivalent to the number of drums)	2,136	1,951	2,052	2,048	2,184	2,976	1,368	3,368	2,336	2,424
	Amount reduced in FY 1999	1,536	1,495	1,260	760	1,940	1,768	2,444	1,720	1,608	800
	reduction within plant	1,536	1,495	1,260	760	980	808	1,484	1,264	696	800
	reduction outside plant	0	0	0	0	960	960	960	456	912	0
	Amount of storage at the end of FY1999	7,252	7,708	8,500	9,788	10,032	11,240	10,164	11,812	12,540	14,164
Storage equipment capacity (number of drums)	15,000	15,000	15,000	15,000	20,000	20,000	20,000	20,000	20,000	20,000	30,000
Tokyo Electric Power Co., Inc. Fukushima Daiichi Nuclear Power Station	Amount generated in FY 1999 (equivalent to the number of drums)	5,272	6,113	5,696	8,647	5,493	3,429	5,357	6,369	5,924	6,819
	Amount reduced in FY 1999	7,105	7,573	11,689	15,752	16,997	15,704	17,510	19,517	14,990	10,423
	reduction within plant	7,105	7,573	9,009	8,456	8,997	7,704	9,190	8,269	8,078	6,065
	reduction outside plant	0	0	2,680	7,296	8,000	8,000	8,320	11,248	6,912	4,358
	Amount of storage at the end of FY1999	246,242	244,782	238,789	231,684	220,180	207,905	195,752	182,604	173,538	169,932
Storage equipment capacity (number of drums)	298,500	298,500	298,500	298,500	298,500	298,500	298,500	298,500	298,500	284,500	
Tokyo Electric Power Co., Inc. Fukushima Daini Nuclear Power Station	Amount generated in FY 1999 (equivalent to the number of drums)	2,276	2,546	2,096	1,698	5,936	914	1,046	1,510	867	660
	Amount reduced in FY 1999	312	144	252	328	7,173	0	58	594	163	221
	reduction within plant	312	144	252	328	7,173	0	58	594	163	221
	reduction outside plant	0	0	0	0	0	0	0	0	0	0
	Amount of storage at the end of FY1999	13,340	15,742	17,586	18,956	17,719	18,633	19,621	20,537	21,241	21,680
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 This is the amount of waste transported to Tokai Daini Power Station.

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

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

*4 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		FY1990	FY1991	FY1992	FY1993	FY1994	FY1995	FY1996	FY1997	FY1998	FY1999
Tokyo Electric Power Co., Inc. Kashiwazaki-Kariwa Nuclear Power Station	Amount generated in FY 1999 (equivalent to the number of drums)	487	656	720	874	925	645	914	1,324	995	669
	Amount reduced in FY 1999	798	478	549	0	0	0	0	0	0	107
	reduction within plant	798	478	549	0	0	0	0	0	0	107
	reduction outside plant	0	0	0	0	0	0	0	0	0	0
	Amount of storage at the end of FY1999	2,369	2,547	2,718	3,592	4,517	5,162	6,076	7,400	8,395	8,957
Storage equipment capacity (number of drums)	15,000	15,000	15,000	15,000	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 1999 (equivalent to the number of drums)	1,580	1,296	1,271	1,944	3,160	2,068	2,208	3,432	3,960	4,604
	Amount reduced in FY 1999	525	280	3,012	2,720	2,400	1,920	1,760	2,252	3,869	3,069
	reduction within plant	525	280	1,092	0	0	0	0	652	3,069	2,272
	reduction outside plant	0	0	1,920	2,720	2,400	1,920	1,760	1,600	800	797 ^{*3}
	Amount of storage at the end of FY1999	30,838	31,854	30,113	29,337	30,097	30,245	30,693	31,873	31,964	33,496
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	
Hokuriku Electric Power Co. Shika Nuclear Power Station	Amount generated in FY 1999 (equivalent to the number of drums)	0	0	0	264	220	224	256	158	116	274
	Amount reduced in FY 1999	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 FY1999	0	0	0	264	484	708	964	1,122	1,238	1,512
Storage equipment capacity (number of drums)	0	0	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 1999 (equivalent to the number of drums)	1,588	2,171	2,973	2,489	3,106	2,240	2,607	1,830	1,042	1,657
	Amount reduced in FY 1999	697	1,034	535	2,220	1,964	2,535	2,388	2,938	2,431	1,837
	reduction within plant	697	1,034	535	620	684	935	788	1,338	831	757
	reduction outside plant	0	0	0	1,600	1,280	1,600	1,600	1,600	1,600	1,080
	Amount of storage at the end of FY1999	23,275	24,412	26,850	27,119	28,261	27,966	28,185	27,077	25,688	25,508
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 1999 (equivalent to the number of drums)	228	252	321	361	268	419	504	386	299	348
	Amount reduced in FY 1999	0	56	0	0	0	0	0	0	0	0
	reduction within plant	0	56	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 FY1999	260	456	777	1,138	1,406	1,824 ^{*2}	2,328	2,713 ^{*2}	3,012	3,360
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 1999 (equivalent to the number of drums)	1,297	850	1,132	2,428	2,304	3,145	2,721	1,194	1,479	1,843
	Amount reduced in FY 1999	690	433	812	4,417	4,426	1,319	842	2,024	1,170	689
	reduction within plant	690	433	812	417	586	679 ^{*1}	842	2,024	1,170	689
	reduction outside plant	0	0	0	4,000	3,840	640	0	0	0	0
	Amount of storage at the end of FY1999	25,685	26,101 ^{*2}	26,421	24,432	22,310	24,135 ^{*2}	26,014	25,184	25,492 ^{*2}	26,646
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 value includes the amount transported to the steam generator storehouse (equivalent to 149 drums).

*2 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.

*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.

Power station		FY1990	FY1991	FY1992	FY1993	FY1994	FY1995	FY1996	FY1997	FY1998	FY1999
Kansai Electric Power Co., Inc. Takahama Power Station	Amount generated in FY 1999 (equivalent to the number of drums)	1,391	1,084	1,777	1,615	1,820	1,601	2,223	2,661	2,271	1,315
	Amount reduced in FY 1999	434	617	511	361	237	654	4,849	3,858	3,983	1,102
	reduction within plant	434	617	511	361	237	654	1,009	498	1,007	1,102
	reduction outside plant	0	0	0	0	0	0	3,840	3,360	2,976	0
	Amount of storage at the end of FY1999	30,095	30,563	31,828	33,083	34,665	35,612	32,986	31,789	30,077	30,290
	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 1999 (equivalent to the number of drums)	1,316	1,157	2,395	2,237	2,297	1,807	1,648	2,355	3,206	2,673
	Amount reduced in FY 1999	813	1,062	1,416	1,786	2,976	2,316	1,284	38	244	768
	reduction within plant	813	1,062	1,416	786	296	76	4	38	244	768
	reduction outside plant	0	0	0	1,000	2,680	2,240	1,280	0	0	0
	Amount of storage at the end of FY1999	17,584	17,678	18,658	19,108	18,429	17,920	18,284	20,601	23,563	25,468
	Storage equipment capacity (number of drums)	28,900	28,900	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 1999 (equivalent to the number of drums)	1,923	2,452	1,716	1,756	1,439	1,903	2,316	2,356	2,390	2,046
	Amount reduced in FY 1999	1,006	2,210	1,582	1,778	1,782	1,768	1,821	1,396	2,197	1,331
	reduction within plant	1,006	2,210	1,582	1,274	1,142	1,128	1,181	1,396	1,653	1,331
	reduction outside plant	0	0	0	504	640	640	640	0	544	0
	Amount of storage at the end of FY1999	11,012	11,253	11,388	11,366	11,022	11,157	11,652	12,612	12,804	13,519
	Storage equipment capacity (number of drums)	18,500	18,500	18,500	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 1999 (equivalent to the number of drums)	733	777	823	1,117	2,822	1,652	2,297	2,103	2,385	1,974
	Amount reduced in FY 1999	252	78	92	830	1,339	2,333	2,669	2,562	2,494	1,129
	reduction within plant	252	78	92	230	379	1,373	1,709	1,602	1,654	809
	reduction outside plant	0	0	0	600	960	960	960	960	840	320
	Amount of storage at the end of FY1999	14,509	15,208	15,939	16,226	17,709	17,028	16,656	16,197	16,088	16,933
	Storage equipment capacity (number of drums)	19,000	19,000	19,000	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 1999 (equivalent to the number of drums)	380	1,031	1,124	730	640	967	778	447	880	1,268
	Amount reduced in FY 1999	193	90	311	273	336	142	118	204	194	343
	reduction within plant	193	90	311	273	336	142	118	204	194	343
	reduction outside plant	0	0	0	0	0	0	0	0	0	0
	Amount of storage at the end of FY1999	2,612	3,553	4,366	4,823	5,127	5,952	6,612	6,855	7,541	8,466
	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 1999 (equivalent to the number of drums)	25,403	28,544	30,100	33,576	38,486	29,394	33,559	35,106	35,262	38,882
	Amount reduced in FY 1999	16,951	18,798	25,524	36,630	46,366	35,487	39,566	42,602	41,135	25,855
	reduction within plant *3	16,951	18,798	19,444	16,110	23,366	16,927	19,886	23,082	25,455	19,300
	reduction outside plant	0	0	6,080	20,520	23,000	18,560	19,680	19,520	15,680	6,555
	Amount of storage at the end of FY1999	510,418	520,162	524,739	521,685	513,803	507,708	501,701	494,204	488,329	501,351
	Storage equipment capacity (number of drums)	784,600	784,600	799,600	829,600	849,600	849,600	849,600	849,600	849,600	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.

*4 Five drums (two are at Fukushima Daiichi Nuclear Power Station; three are at Hamaoka Nuclear Power Station), 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 buildings.