

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

(1) Commercial Power Reactor

Powerstation		FY1996	FY1997	FY1998	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
Japan Atomic Power Co.  Tokai Power Station	Amount generated in FY 2003 (equivalent to the number of drums)	1,208	1,172	780	712	1,456	604	468	280	651	4,730
	Amount reduced in FY 2003	1,080	1,296	692	692	1,464	656	616	156	879	3,794
	reduction within plant *2	1,080	1,296	692	692	1,464	656	616	156	879	3,794
	reduction outside plant	0	0	0	0	0	0	0	0	0	0
	Amount of storage at the end of FY2003	384	260	348	368	360	308	160	284	56	992
	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
Japan Atomic Power Co.  Tokai Daini Power Station	Amount generated in FY 2003 (equivalent to the number of drums)	1,136	1,308	1,448	2,244	1,272	1,752	776	1,660	1,264	1,702
	Amount reduced in FY 2003	2,099	4,191	5,012	2,408	1,088	1,072	888	700	0	26
	reduction within plant *3	2,099	3,895	5,012	2,408	1,088	1,072	888	700	0	26
	reduction outside plant	0	296	0	0	0	0	0	0	0	0
	Amount of storage at the end of FY2004	42,693	41,106	38,234	38,762	40,410	41,746	42,250	43,366	45,509	50,979
	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
Japan Atomic Power Co.  Tsuruga Power Station	Amount generated in FY 2003 (equivalent to the number of drums)	4,972	3,133	4,884	7,352	5,148	3,220	1,897	1,920	2,272	2,290
	Amount reduced in FY 2003	1,724	1,308	2,780	1,628	3,956	2,688	1,632	3,860	1,384	2,080
	reduction within plant	1,404	1,308	1,684	1,628	3,956	2,688	1,632	2,748	1,384	1,784
	reduction outside plant	320	0	1,096	0	0	0	0	1,112	0	296
	Amount of storage at the end of FY2003	52,637	54,462	56,566	62,290	63,482	64,014	64,279	62,339	63,227	63,437
	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
Tohoku Electric Power Co., Inc.  Onagawa Nuclear Power Station	Amount generated in FY 2003 (equivalent to the number of drums)	1,368	3,368	2,336	2,424	2,124	3,720	2,912	2,692	3,876	3,116
	Amount reduced in FY 2003	2,444	1,720	1,608	800	904	1,108	1,500	1,664	532	1,520
	reduction within plant	1,484	1,264	696	800	904	1,108	1,500	1,664	532	1,520
	reduction outside plant	960	456	912	0	0	0	0	0	0	0
	Amount of storage at the end of FY2003	10,164	11,812	12,540	14,164	15,384	17,996	19,408	20,436	23,780	25,376
	Storage equipment capacity (number of drums)	20,000	20,000	20,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000
Tohoku Electric Power Co., Inc.  Higashidori Nuclear Power Station	Amount generated in FY 2003 (equivalent to the number of drums)	-	-	-	-	-	-	-	-	0	580
	Amount reduced in FY 2003	-	-	-	-	-	-	-	-	0	0
	reduction within plant	-	-	-	-	-	-	-	-	0	0
	reduction outside plant	-	-	-	-	-	-	-	-	0	0
	Amount of storage at the end of FY2003	-	-	-	-	-	-	-	-	0	580
	Storage equipment capacity (number of drums)	-	-	-	-	-	-	-	-	9,000	9,000
Tokyo Electric Power Co., Inc.  Fukushima Daiichi Nuclear Power Station	Amount generated in FY 2003 (equivalent to the number of drums)	5,357	6,369	5,924	6,819	10,388	14,588	15,618	19,835	18,397	20,169
	Amount reduced in FY 2003	17,510	19,517	14,990	10,423	9,078	15,556	16,187	22,441	19,691	13,574
	reduction within plant	9,190	8,269	8,078	6,065	7,878	11,556	12,347	16,481	15,691	10,374
	reduction outside plant	8,320	11,248	6,912	4,358	1,200	4,000	3,840	5,960	4,000	3,200
	Amount of storage at the end of FY2003	195,752	182,604	173,538	169,932	171,244	170,276	169,707	167,101	165,807	172,402
	Storage equipment capacity (number of drums)	298,500	298,500	298,500	284,500	284,500	284,500	284,500	284,500	284,500	284,500
Tokyo Electric Power Co., Inc.  Fukushima Daini Nuclear Power Station	Amount generated in FY 2003 (equivalent to the number of drums)	1,046	1,510	867	660	730	1,353	3,281	3,390	3,566	4,760
	Amount reduced in FY 2003	58	594	163	221	18	3,174	6,607	6,161	5,101	2,860
	reduction within plant	58	594	163	221	18	1,102	4,607	4,161	3,101	1,900
	reduction outside plant	0	0	0	0	0	2,072	2,000	2,000	2,000	960
	Amount of storage at the end of FY2003	19,621	20,537	21,241	21,680	22,392	20,571	17,245	14,474	12,939	14,839
	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 the Tokai Daini Power Station.

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

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

\*5 Two drums that could not be transported to the low-level radioactive waste burial center to confirm conformance with the technical standards are not included in the amount at the end of the fiscal year, since these remained stored in the power plant building.

Powerstation		FY1996	FY1997	FY1998	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
Tokyo Electric Power Co., Inc.	Amount generated in FY 2003 (equivalent to the number of drums)	914	1,324	995	669	808	862	761	980	2,114	4,127
	Amount reduced in FY 2003	0	0	0	107	124	140	24	50	0	18
	reduction within plant	0	0	0	107	124	140	24	50	0	18
	reduction outside plant	0	0	0	0	0	0	0	0	0	0
	Amount of storage at the end of FY2003	6,076	7,400	8,395	8,957	9,641	10,363	11,100	12,030	14,144	18,253
Kashiwazaki-Kariwa Nuclear Power Station	Storage equipment capacity (number of drums)	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000
	Amount generated in FY 2003 (equivalent to the number of drums)	2,208	3,432	3,960	4,604	4,208	3,840	1,876	4,157	3,436	3,506
	Amount reduced in FY 2003	1,760	2,252	3,869	3,069	2,622	3,654	1,380	4,412	3,876	3,592
	reduction within plant	0	652	3,069	2,272	2,102	2,574	340	3,332	2,900	2,512
	reduction outside plant	1,760	1,600	800	797	520	1,080	1,040	1,080	976	1,080
Hamaoka Nuclear Power Station	Amount of storage at the end of FY2003	30,693	31,873	31,964	33,496	35,085	35,271	35,767	35,512	35,072	34,986
	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
	Amount generated in FY 2003 (equivalent to the number of drums)	256	158	116	274	320	112	324	268	420	460
	Amount reduced in FY 2003	0	0	0	0	0	0	0	0	0	0
	reduction within plant	0	0	0	0	0	0	0	0	0	0
Hokuriku Electric Power Co., Inc.	reduction outside plant	0	0	0	0	0	0	0	0	0	0
	Amount of storage at the end of FY2003	964	1,122	1,238	1,512	1,832	1,944	2,268	2,536	2,956	3,416
	Storage equipment capacity (number of drums)	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	10,000
	Amount generated in FY 2003 (equivalent to the number of drums)	2,607	1,830	1,042	1,657	4,099	1,770	1,795	4,434	4,075	2,674
	Amount reduced in FY 2003	2,388	2,938	2,431	1,837	1,304	767	3,143	3,585	4,297	4,313
Chugoku Electric Power Co., Inc.	reduction within plant	788	1,338	831	757	1,304	767	3,143	3,585	3,409	3,033
	reduction outside plant	1,600	1,600	1,600	1,080	0	0	0	0	888	1,280
	Amount of storage at the end of FY2003	28,185	27,077	25,688	25,508	28,303	29,306	27,958	28,807	28,585	26,946
	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
	Amount generated in FY 2003 (equivalent to the number of drums)	504	386	299	348	505	380	356	307	436	516
Hokkaido Electric Power Co., Inc.	Amount reduced in FY 2003	0	0	0	0	0	664	100	135	0	1
	reduction within plant	0	0	0	0	0	0	100	135	0	1
	reduction outside plant	0	0	0	0	0	664	0	0	0	0
	Amount of storage at the end of FY2003	2,328	2,713	3,012	3,360	3,864	3,579	3,835	4,007	4,442	4,957
	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.	Amount generated in FY 2003 (equivalent to the number of drums)	2,721	1,194	1,479	1,843	1,651	3,504	3,135	4,337	2,698	3,260
	Amount reduced in FY 2003	842	2,024	1,170	689	526	2,540	3,423	5,527	3,143	3,008
	reduction within plant	842	2,024	1,170	689	526	2,044	2,703	3,983	1,703	1,576
	reduction outside plant	0	0	0	0	0	496	720	1,544	1,440	1,432
	Amount of storage at the end of FY2003	26,014	25,184	25,492	26,646	27,772	28,736	28,448	27,258	26,813	27,065
Mihama Power Station	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 Three drums that could not be transported to the low-level radioactive waste burial center to confirm conformance with the technical standards are not included in the amount at the end of the fiscal year, since these remained stored in the power plant building.

\*3 An inspection of the three drums mentioned in \*2 was completed in the waste volume reduction building, and they were moved to solid waste storage for disposal.

Powerstation		FY1996	FY1997	FY1998	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
Kansai Electric Power Co., Inc.  Takahama Power Station	Amount generated in FY 2003 (equivalent to the number of drums)	2,223	2,661	2,271	1,315	1,593	1,375	1,440	1,724	1,893	3,557
	Amount reduced in FY 2003	4,849	3,858	3,983	1,102	1,160	797	743	606	653	2,027
	reduction within plant	1,009	498	1,007	1,102	1,160	797	743	606	653	2,027
	reduction outside plant	3,840	3,360	2,976	0	0	0	0	0	0	0
	Amount of storage at the end of FY2003	32,986	31,789	30,077	30,290	30,723	31,301	31,998	33,116	34,356	35,886
	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 2003 (equivalent to the number of drums)	1,648	2,355	3,206	2,673	3,801	4,233	2,726	3,377	3,592	3,344
	Amount reduced in FY 2003	1,284	38	244	768	3,055	4,086	4,273	3,934	3,891	3,673
	reduction within plant	4	38	244	768	2,415	2,726	2,777	2,582	2,395	2,177
	reduction outside plant	1,280	0	0	0	640	1,360	1,496	1,352	1,496	1,496
	Amount of storage at the end of FY2003	18,284	20,601	23,563	25,468	26,214	26,361	24,814	24,257	23,958	23,628 <sup>*1</sup>
	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 2003 (equivalent to the number of drums)	2,316	2,356	2,390	2,046	3,003	3,314	2,452	2,233	3,509	4,253
	Amount reduced in FY 2003	1,821	1,396	2,197	1,331	1,144	791	828	1,264	1,080	845
	reduction within plant	1,181	1,396	1,653	1,331	1,144	791	828	1,264	1,080	845
	reduction outside plant	640	0	544	0	0	0	0	0	0	0
	Amount of storage at the end of FY2003	11,652	12,612	12,804 <sup>*1</sup>	13,519	15,378	17,901	19,524	20,492 <sup>*1</sup>	22,921 <sup>*1</sup>	26,329
	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 2003 (equivalent to the number of drums)	2,297	2,103	2,385	1,974	2,136	3,235	2,094	2,347	4,066	3,078
	Amount reduced in FY 2003	2,669	2,562	2,494	1,129	995	1,166	2,303	1,801	1,051	845
	reduction within plant	1,709	1,602	1,654	809	659	1,166	1,703	1,801	1,051	845
	reduction outside plant	960	960	840	320	336	0	600	0	0	0
	Amount of storage at the end of FY2003	16,656	16,197	16,088	16,933	18,074	20,143	19,934	20,480	23,495	25,728
	Storage equipment capacity (number of drums)	29,000	29,000	29,000	29,000	29,000	29,000	29,000	29,000	49,000	49,000
Kyushu Electric Power Co., Inc.  Sendai Nuclear Power Station	Amount generated in FY 2003 (equivalent to the number of drums)	778	447	880	1,268	1,489	549	769	1,170	1,005	1,039
	Amount reduced in FY 2003	118	204	194	343	266	463	394	147	438	1,031
	reduction within plant	118	204	194	343	266	463	394	147	438	1,031
	reduction outside plant	0	0	0	0	0	0	0	0	0	0
	Amount of storage at the end of FY2003	6,612	6,855	7,541	8,466	9,689	9,775	10,150	11,173	11,740	11,748
	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 2003 (equivalent to the number of drums)	33,559	35,106	35,262	38,882	44,731	48,411	42,680	55,111	57,270	67,161
	Amount reduced in FY 2003	39,566	42,602	41,135	25,855	26,240	38,666	43,425	56,287	45,137	39,413
	reduction within plant <sup>*2</sup>	19,886	23,082	25,455	19,300	23,544	28,994	33,729	43,239	34,337	29,669
	reduction outside plant	19,680	19,520	15,680	6,555	2,696	9,672	9,696	13,048	10,800	9,744
	Amount of storage at the end of FY2003	501,701	494,204 <sup>*1</sup>	488,329 <sup>*1</sup>	501,351 <sup>*3</sup>	519,847 <sup>*1</sup>	529,591 <sup>*4</sup>	528,845 <sup>*1</sup>	527,668 <sup>*1</sup>	539,800 <sup>*1</sup>	567,547 <sup>*1</sup>
	Storage equipment capacity (number of drums)	849,600	849,600	849,600	845,600	845,600	845,600	845,600	845,600	874,600	879,600

\*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 values do not include the amount reduced due to transportation from the Japan Atomic Power Company Co. Ltd.'s Tokai Power Station to the Tokai Daini Power Station.

\*3 Five drums (two at Fukushima Daiichi Nuclear Power Station and 3 at Hamaoka Nuclear Power Station) that could not be transported to the low-level radioactive waste burial center to confirm conformance with the technical standards are not included in the amount at the end of the fiscal year, since these remained stored in the power plant building.

\*4 An inspection of the three drums at Hamaoka Nuclear Power Station mentioned in \*3 was completed in the waste volume reduction building, and they were moved to solid waste storage for disposal.