

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

(1) Commercial Nuclear Power Reactor Facilities

(Unit: equivalent No. of drums)

Power station	FY	FY									
		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Hokkaido Electric Power Co., Inc., Tomari Nuclear Power Station	Generated this FY	387	412	845	796	884	825	667	820	864	1,204
	Reduction this FY	0	0	801	30	1	95	182	164	15	128
	Reduction at the PS	0	0	65	30	1	95	182	164	15	128
	Reduction outside the PS	0	0	736	0	0	0	0	0	0	0
	Storage at end of this FY	*1 5,343	5,755	5,799	*1 6,564	*1 7,446	8,176	8,661	9,318	10,167	11,244
	Storage equipment capacity	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000
Tohoku Electric Power Co., Inc., Onagawa Nuclear Power Station	Generated this FY	2,704	3,720	5,320	4,532	7,097	3,128	6,296	3,100	2,232	2,268
	Reduction this FY	3,648	2,844	3,012	5,540	6,637	3,604	6,044	2,412	1,108	648
	Reduction at the PS	3,648	1,852	2,052	4,900	6,317	3,604	6,044	1,972	1,108	152
	Reduction outside the PS	0	992	960	640	320	0	0	440	0	496
	Storage at end of this FY	24,432	25,308	27,616	26,608	27,068	26,592	26,844	27,532	28,656	30,276
	Storage equipment capacity	30,000	30,000	30,000	30,000	30,000	30,000	30,132	30,132	55,488	55,488
Tohoku Electric Power Co., Inc., Higashidori Nuclear Power Station	Generated this FY	720	1,224	2,144	2,028	1,164	1,168	392	984	576	668
	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	1,300	2,524	4,668	6,696	7,860	9,028	9,420	10,404	10,980	11,648
	Storage equipment capacity	9,000	9,000	9,000	9,000	9,000	9,120	18,360	18,360	18,360	18,360
Tokyo Electric Power Co., Inc., Fukushima Daiichi Nuclear Power Station	Generated this FY	18,129	16,694	16,626	16,938	15,215	/	/	/	/	/
	Reduction this FY	16,448	11,484	14,549	13,615	14,092	/	/	/	/	/
	Reduction at the PS	12,448	11,484	12,629	10,607	10,636	/	/	/	/	/
	Reduction outside the PS	4,000	0	1,920	3,008	3,456	/	/	/	/	/
	Storage at end of this FY	174,083	179,293	181,370	184,693	185,816	*2 185,816	*2 185,816	*2 185,816	*2 185,816	*2 185,816
	Storage equipment capacity	284,500	284,500	284,500	284,500	284,500	284,500	284,500	284,500	284,500	284,500
Tokyo Electric Power Co., Inc., Fukushima Daiini Nuclear Power Station	Generated this FY	2,871	3,259	2,302	2,471	2,397	71	1,191	1,173	555	515
	Reduction this FY	1,794	1,257	3,021	1,285	3,472	0	0	8	0	0
	Reduction at the PS	1,794	1,257	1,021	1,285	1,472	0	0	8	0	0
	Reduction outside the PS	0	0	2,000	0	2,000	0	0	0	0	0
	Storage at end of this FY	15,916	17,918	17,199	18,385	17,310	17,381	18,572	19,737	20,292	20,807
	Storage equipment capacity	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000
Tokyo Electric Power Co., Inc., Kashiwazaki-Kariwa Nuclear Power Station	Generated this FY	3,474	691	2,083	4,224	3,387	3,141	4,525	3,359	2,911	2,462
	Reduction this FY	13	27	53	56	40	2,066	5,007	4,747	4,249	2,136
	Reduction at the PS	13	27	53	56	40	2,066	3,607	3,147	2,561	2,136
	Reduction outside the PS	0	0	0	0	0	0	1,400	1,600	1,688	0
	Storage at end of this FY	21,714	22,378	24,408	28,576	31,923	32,998	32,516	31,128	29,790	30,116
	Storage equipment capacity	30,000	30,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000
Chubu Electric Power Co., Inc., Hamaoka Nuclear Power Station	Generated this FY	4,280	3,736	5,300	5,444	5,284	3,632	4,908	4,803	5,080	5,340
	Reduction this FY	3,682	3,282	5,880	5,712	5,664	4,040	4,956	4,084	5,544	5,601
	Reduction at the PS	2,602	2,202	4,800	4,632	4,464	2,840	3,756	4,084	4,344	4,361
	Reduction outside the PS	1,080	1,080	1,080	1,080	1,200	1,200	1,200	0	1,200	1,240
	Storage at end of this FY	35,584	36,038	35,458	35,190	34,810	34,402	34,354	35,073	34,609	34,348
	Storage equipment capacity	42,000	42,000	42,000	42,000	42,000	42,000	42,000	42,000	42,000	42,000

*1: Storage at the end of this fiscal year does not precisely agree with the sum of storage at the end of the previous fiscal year plus the amount generated and reduced during this fiscal year. The difference is due to rounding in the conversion.

*2: The amount up to the 3rd quarter of FY2010 was considered to be the storage amount due to the effects of the Great East Japan Earthquake, on June 30, 2016, however, the storage amount was reexamined and changed to the value up to March 10, 2011. The storage amount after FY2011 indicates the storage amount of FY2010

*3: Data underwent evaluation by the licensee due to the effects of the Great East Japan Earthquake. On April 26, 2013, the value was reported.

(Unit: equivalent No. of drums)

Power station		FY									
		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Hokuriku Electric Power Co., Inc., Shika Nuclear Power Station	Generated this FY	744	993	1,000	1,162	1,388	1,364	1,080	1,008	1,848	1,520
	Reduction this FY	392	477	768	476	1,056	648	868	980	1,760	1,556
	Reduction at the PS	392	477	368	476	576	648	388	500	1,200	1,076
	Reduction outside the PS	0	0	400	0	480	0	480	480	560	480
	Storage at end of this FY	3,768	4,284	4,516	5,202	5,534	6,250	6,462	6,490	6,578	6,542
	Storage equipment capacity	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Kansai Electric Power Co., Inc., Mihama Nuclear Power Station	Generated this FY	3,856	3,235	4,444	4,086	5,388	3,963	4,209	4,299	4,888	4,978
	Reduction this FY	3,431	3,544	3,729	3,715	4,759	4,219	4,750	4,085	5,710	6,583
	Reduction at the PS	2,191	2,344	2,369	2,515	3,399	2,779	2,806	3,581	3,710	3,583
	Reduction outside the PS	1,240	1,200	1,360	1,200	1,360	1,440	1,944	504	2,000	3,000
	Storage at end of this FY	27,490	27,181	27,897	28,267	28,896	28,640	28,100	28,313	27,491	25,887
	Storage equipment capacity	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000
Kansai Electric Power Co., Inc., Takahama Nuclear Power Station	Generated this FY	3,721	2,706	3,810	4,563	3,244	2,440	1,658	2,213	3,084	1,619
	Reduction this FY	1,280	1,256	1,711	1,201	1,844	2,817	2,736	3,397	3,152	4,402
	Reduction at the PS	1,280	1,256	1,711	1,201	1,844	2,377	2,736	3,397	3,152	4,402
	Reduction outside the PS	0	0	0	0	0	440	0	0	0	0
	Storage at end of this FY	38,327	39,777	41,876	45,238	46,638	46,262	45,184	44,000	43,932	41,108
	Storage equipment capacity	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 Nuclear Power Station	Generated this FY	3,336	3,329	3,544	5,490	4,750	3,729	2,570	4,424	4,500	4,869
	Reduction this FY	3,476	1,580	1,375	1,615	2,992	3,449	3,189	4,994	6,220	6,313
	Reduction at the PS	1,980	1,580	1,375	1,615	1,576	1,449	1,157	3,994	3,220	3,313
	Reduction outside the PS	1,496	0	0	0	1,416	2,000	2,032	1,000	3,000	3,000
	Storage at end of this FY	23,488	25,237	27,407	31,283	33,041	33,321	32,702	32,132	30,412	28,968
	Storage equipment capacity	38,900	38,900	38,900	38,900	38,900	38,900	38,900	38,900	38,900	38,900
Chugoku Electric Power Co., Inc., Shimane Nuclear Power Station	Generated this FY	4,312	4,128	3,350	3,286	3,984	3,461	3,276	2,960	3,291	4,222
	Reduction this FY	4,614	3,373	3,462	4,074	2,767	3,596	3,877	3,107	1,971	575
	Reduction at the PS	3,334	2,333	3,462	2,794	2,767	2,316	3,261	2,499	1,971	575
	Reduction outside the PS	1,280	1,040	0	1,280	0	1,280	616	608	0	0
	Storage at end of this FY	26,644	27,399	27,287	26,499	27,716	27,581	26,980	26,833	28,153	31,800
	Storage equipment capacity	35,500	35,500	35,500	35,500	35,500	35,500	35,500	35,500	35,500	45,500
Shikoku Electric Power Co., Inc., Ikata Nuclear Power Station	Generated this FY	2,804	2,492	2,632	2,625	3,124	3,138	3,219	3,585	3,359	3,159
	Reduction this FY	1,357	2,247	1,326	2,456	2,600	3,333	4,251	4,499	3,643	3,243
	Reduction at the PS	1,357	1,367	1,326	1,872	2,600	2,693	3,291	3,739	3,283	2,123
	Reduction outside the PS	0	880	0	584	0	640	960	760	360	1,120
	Storage at end of this FY	27,776	28,021	29,327	29,495	30,019	29,824	28,792	27,877	27,594	27,510
	Storage equipment capacity	38,500	38,500	38,500	38,500	38,500	38,500	38,500	38,500	38,500	38,500

*4: Storage at the end of this fiscal year does not precisely agree with the sum of storage at the previous fiscal year plus the amount generated during this fiscal year.
The difference is due to that 41 drums of homogeneously solidified products are temporarily stored in the temporary storage area inside the solid waste solidification building.

(Unit: equivalent No. of drums)

Power station	FY	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Kyushu Electric Power Co., Inc., Genkai Nuclear Power Station	Generated this FY	2,259	2,242	3,266	4,140	5,362	5,359	5,170	5,430	4,348	3,981
	Reduction this FY	611	402	641	923	2,275	3,791	6,113	6,896	2,790	2,652
	Reduction at the PS	611	402	641	923	1,955	3,351	5,073	6,088	2,790	2,652
	Reduction outside the PS	0	0	0	0	320	440	1,040	808	0	0
	Storage at end of this FY	27,376	29,216	31,841	35,058	38,145	39,713	38,770	37,304	38,862	40,191
	Storage equipment capacity	49,000	49,000	49,000	49,000	49,000	49,000	49,000	49,000	49,000	49,000
Kyushu Electric Power Co., Inc., Sendai Nuclear Power Station	Generated this FY	1,504	2,580	3,485	1,533	1,541	2,112	723	1,514	2,244	1,434
	Reduction this FY	1,301	649	228	594	642	771	610	460	676	795
	Reduction at the PS	1,301	649	228	594	642	451	610	460	676	795
	Reduction outside the PS	0	0	0	0	0	320	0	0	0	0
	Storage at end of this FY	11,951	13,882	17,139	18,078	18,977	20,318	20,431	21,485	23,053	23,692
	Storage equipment capacity	17,000	17,000	37,000	37,000	37,000	37,000	37,000	37,000	37,000	37,000
Japan Atomic Power Company, Tokai Power Station	Generated this FY	799	2,167	2,000	1,253	780	648	959	1,579	334	364
	Reduction this FY	795	1,770	2,012	1,233	748	680	905	1,531	634	240
	Reduction at the PS *5	639	1,678	1,784	1,233	748	680	825	1,531	634	240
	Reduction outside the PS *6	156	92	228	0	0	0	80	0	0	0
	Storage at end of this FY	996	1,393	1,381	1,401	1,433	1,401	1,455	1,503	1,203	1,327
	Storage equipment capacity	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600
Japan Atomic Power Company, Tokai No. 2 Power Station	Generated this FY	1,585	1,277	2,587	4,821	3,135	3,599	2,565	2,376	4,343	3,612
	Reduction this FY	1,812	2,420	2,714	5,039	2,748	2,677	2,705	2,943	4,102	3,309
	Reduction at the PS *7	1,812	2,420	2,498	4,519	2,284	2,677	2,629	2,935	4,102	3,309
	Reduction outside the PS *9	0	0	216	520	464	0	76	8	0	0
	Storage at end of this FY *8	51,391	51,926	53,583	54,598	55,733	57,335	58,020	58,984	59,859	60,402
	Storage equipment capacity	73,000	73,000	73,000	73,000	73,000	73,000	73,000	73,000	73,000	73,000
Japan Atomic Power Company, Tsuruga Power Station	Generated this FY	1,952	2,321	2,884	3,033	3,482	5,621	3,016	3,833	8,289	3,119
	Reduction this FY	1,256	1,333	2,468	1,948	2,024	3,592	3,107	5,256	9,184	2,915
	Reduction at the PS	1,256	1,333	2,084	1,948	2,024	3,400	3,107	5,256	9,184	2,915
	Reduction outside the PS	0	0	384	0	0	192	0	0	0	0
	Storage at end of this FY	64,133	65,121	65,537	66,622	68,080	70,109	70,018	68,595	67,700	67,904
	Storage equipment capacity	85,000	85,000	85,000	85,000	85,000	85,000	85,000	85,000	85,000	85,000
Grand total	Generated this FY	59,437	57,206	67,622	72,425	71,606	47,399	46,424	47,460	52,746	45,334
	Reduction this FY	45,271	36,267	45,966	48,279	53,613	38,698	48,475	48,032	50,124	40,856
	Reduction at the PS *10	36,019	30,983	36,682	39,967	42,597	30,746	38,647	41,824	41,316	31,520
	Reduction outside the PS *11	9,252	5,284	9,284	8,312	11,016	7,952	9,828	6,208	8,808	9,336
	Storage at end of this FY	581,712	602,651	624,309	648,453	666,445	675,147	673,097	672,524	675,147	679,586
	Storage equipment capacity	879,600	879,600	914,600	914,600	914,600	914,720	924,092	924,092	949,448	959,448

*5: Reduction achieved by waste transfer to Tokai No. 2 Power Station

*6: Reduction achieved by clearance treatment

*7: Includes the reduction achieved at Tokai Power Station.

*8: Includes the waste transferred from Tokai Power Station.

*9: Waste shipped for burial includes waste from Tokai Power Station (72 drums each in FY2008 and FY2009).

*10: Not included the reduction achieved by transfer from Tokai Power Station to Tokai No. 2 Power Station.

*11: Includes the reduction achieved by clearance treatment at Tokai Power Station (156 drums in FY2006, 92 drums in FY2007, 252 drums in FY2008, 336 drums in FY2009, 144 drums in FY2010, 156 drums in FY2012, and 8 drums in FY2013).