5) Status of Radioactive Waste Management at Commercial Power Reactor Facilities

(FY 1992)

Power station		Radioactive gas waste and radioactive liquid waste		
		Radioactive gaseous waste		Radioactivity Radioactive liquid waste (excluding ^{3}H)
		Noble gas (Bq)	Iodine [^{131}I] (Bq)	(Bq)
Japan Atomic Power Company Co., Ltd	Nuclear reactor facilities total	3.0×10^{14}	5.6×10^{5}	1.6×10^{7}
Tokai Power Station	Annual release Target control level	5.8×10^{14}	—	3.7×10^{10}
Japan Atomic Power Company Co., Ltd.	Nuclear reactor facilities total	*1 N.D.	*2 N.D.	*3 N.D.
Tokai Daini Power Station	Annual release Target control level	1.4×10^{15}	5.9×10^{10}	3.7×10^{10}
Japan Atomic Power Company Co., Ltd.	Nuclear reactor facilities total	2.9×10^{9}	*2 N.D.	2.5×10^{6}
Tsuruga Power Station	Annual release Target control level	2.9×10^{15}	9.1×10^{10}	7.4×10^{10}
Tohoku Electric Power Co., Inc.	Nuclear reactor facilities total	*1 N.D.	*2 N.D.	*3 N.D.
Onagawa Nuclear Power Station	Annual release Target control level	1.4×10^{15}	8.5×10^{10}	3.7×10^{9}
Tokyo Electric Power Co., Inc.	Nuclear reactor facilities total	*1 N.D.	7.2×10^{6}	*3 N.D.
Fukushima Daiichi Nuclear Power Station	Annual release Target control level	8.8×10^{15}	4.8×10^{11}	2.2×10^{11}
Tokyo Electric Power Co., Inc.	Nuclear reactor facilities total	*1 N.D.	*2 N.D.	*3 N.D.
Fukushima Daini Nuclear Power Station	Annual release Target control level	5.5×10^{15}	2.3×10^{11}	1.4×10^{11}
Tokyo Electric Power Co., Inc.	Nuclear reactor facilities total	*1 N.D.	*2 N.D.	*3 N.D.
Kashiwazaki-Kariwa Nuclear Power Station	Annual release Target control level	4.4×10^{15}	1.9×10^{11}	1.4×10^{11}
Chubu Electric Power Co., Inc.	Nuclear reactor facilities total	*1 N.D.	*2 N.D.	2.4×10^{6}
Hamaoka Nuclear Power Station	Annual release Target control level	5.1×10^{15}	2.9×10^{11}	1.4×10^{11}
Hokuriku Electric Power Co.	Nuclear reactor facilities total	*1 N.D.	*2 N.D.	*3 N.D.
Shika Nuclear Power Station	Annual release Target control level	1.1×10^{15}	3.0×10^{10}	3.7×10^{10}
Chugoku Electric Power Co., Inc.	Nuclear reactor facilities total	*1 N.D.	*2 N.D.	2.4×10^{6}
Shimane Nuclear Power Station	Annual release Target control level	2.5×10^{15}	1.3×10^{11}	7.4×10^{10}
Hokkaido Electric Power Co., Inc.	Nuclear reactor facilities total	1.6×10^{9}	*2 N.D.	*3 N.D.
Tomari Power Station	Annual release Target control level	1.1×10^{15}	1.1×10^{10}	7.4×10^{10}
Kansai Electric Power Co., Inc.	Nuclear reactor facilities total	1.1×10^{12}	1.9×10^{7}	3.0×10^{6}
Mihama Power Station *12	Annual release Target control level	2.1×10^{15}	7.4×10^{10}	1.1×10^{11}
Kansai Electric Power Co., Inc.	Nuclear reactor facilities total	4.4×10^{11}	4.3×10^{7}	*3 N.D.
Takahama Power Station *13	Annual release Target control level	3.3×10^{15}	6.2×10^{10}	1.4×10^{11}
Kansai Electric Power Co., Inc.	Nuclear reactor facilities total	5.3×10^{11}	3.4×10^{6}	7.8×10^{4}
Oni Power Station *14	Annual release Target control level	3.7×10^{15}	1.0×10^{11}	1.4×10^{11}
Shikoku Electric Power Co., Inc.	Nuclear reactor facilities total	4.8×10^{11}	9.5×10^{6}	*3 N.D.
Ikata Nuclear Power Station *15	Annual release Target control level	1.1×10^{15}	7.4×10^{10}	7.4×10^{10}
Kyushu Electric Power Co., Inc.	Nuclear reactor facilities total	3.7×10^{11}	*2 N.D.	*3 N.D.
Genkai Nuclear Power Station *16	Annual release Target control level	1.1×10^{15}	7.4×10^{10}	7.4×10^{10}
Kyushu Electric Power Co., Inc.	Nuclear reactor facilities total	3.8×10^{10}	*2 N.D.	*3 N.D.
Sendai Nuclear Power Station	Annual release Target control level	1.6×10^{15}	6.2×10^{10}	7.4×10^{10}

*1 The detection limiting concentration is less than 2×10^{-2} (Bq/cm^3).

*2 The detection limiting concentration is less than 7×10^{-9} (Bq/cm^3).

*3 The detection limiting concentration is less than 2×10^{-2} (Bq/cm^3). (represented it with Co-60.)

*4 This excludes the waste transported to Tokai Daini Power Station.

*5 This includes the waste (13,237) transported from Tokai Power Station.

*6 This includes the waste (equivalent to 6,404) transported from Tokai Power Station

*7 This includes the waste (283) transported from Tokai Power Station.

Radioactive solid waste								
Amount of drums generated (number of drums)	Amount of other kinds of generation (equivalent to the number of drums)	Amout of drums of strage accumulated (number of drums)	Amount of other kind of strage accumulated (equivalent to the number of drums)	Amount of reduction of drums of incineration (number of drums)	Amount of reduction of drums of compressions (number of drums)	Amount of reduction of drums carried out (number of drums)	Amount of reduction of other kinds of compressions (equivalent to the number of drums)	Amount of storing equipment capacity (equivalent to the number of drums)
448	180	*4 72	*4 100	0	0	0	0	about 1,600
332	1,776	*5 31,229	*6 13,844	*7 851	0	*8 1,480	0	about 73,000
2,748	520	35,297	10,264	1,172	0	0	0	about 85,000
2,052	0	8,500	0	1,260	0	0	0	about 15,000
5,696	0	238,627	162	9,009	0	*8 2,680	0	about 298,500
2,096	0	17,586	0	252	0	0	0	about 32,000
720	0	2,718	0	549	0	0	0	about 15,000
143	1,128	20,709	9,404	1,092	0	*8 1,920	0	about 42,000
0	0	0	0	0	0	0	0	about 5,000
2,096	877	24,020	2,830	535	0	0	0	about 35,500
313	8	734	43	0	0	0	0	about 18,000
1,077	55	24,121	※ 2,300	812	0	0	0	about 35,000
1,709	68	31,040	※ 788	511	0	0	0	about 50,600
1,813	582	16,404	※ 2,254	686	0	0	730	about 38,900
1,694	22	9,895	※ 1,493	830	0	0	752	about 18,500
699	124	13,737	2,202	92	0	0	0	about 19,000
1,069	55	4,285	81	311	0	0	0	about 17,000

*8 This is the waste transported to Low-level Nuclear Radioactive Burial Center.

※ 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.