

5) Status of Radioactive Waste Management at Commercial Power Reactor Facilities (FY 1993)

Power station		Radioactive gas waste and radioactive liquid waste		
		Radioactive gaseous waste		Radioactivity Radioactive liquid waste (excluding ^3H) (Bq)
		Noble gas (Bq)	Iodine [^{131}I] (Bq)	
Japan Atomic Power Company Co., Ltd Tokai Power Station	Nuclear reactor facilities total Annual release Target control level	*1 N.D. 5.8×10^{14}	5.1×10^4 -	6.7×10^6 3.7×10^{10}
Japan Atomic Power Company Co., Ltd. Tokai Daini Power Station	Nuclear reactor facilities total Annual release Target control level	*1 N.D. 1.4×10^{15}	*2 N.D. 5.9×10^{10}	*3 N.D. 3.7×10^{10}
Japan Atomic Power Company Co., Ltd. Tsuruga Power Station	Nuclear reactor facilities total Annual release Target control level	2.7×10^9 2.9×10^{15}	*2 N.D. 9.1×10^{10}	1.5×10^5 7.4×10^{10}
Tohoku Electric Power Co., Inc. Onagawa Nuclear Power Station	Nuclear reactor facilities total Annual release Target control level	*1 N.D. 1.4×10^{15}	*2 N.D. 8.5×10^{10}	*3 N.D. 3.7×10^9
Tokyo Electric Power Co., Inc. Fukushima Daiichi Nuclear Power Station	Nuclear reactor facilities total Annual release Target control level	*1 N.D. 8.8×10^{15}	6.7×10^6 4.8×10^{11}	*3 N.D. 2.2×10^{11}
Tokyo Electric Power Co., Inc. Fukushima Daini Nuclear Power Station	Nuclear reactor facilities total Annual release Target control level	*1 N.D. 5.5×10^{15}	*2 N.D. 2.3×10^{11}	*3 N.D. 1.4×10^{11}
Tokyo Electric Power Co., Inc. Kashiwazaki-Kariwa Nuclear Power Station	Nuclear reactor facilities total Annual release Target control level	*1 N.D. 5.9×10^{15}	*2 N.D. 2.1×10^{11}	*3 N.D. 1.8×10^{11}
Chubu Electric Power Co., Inc. Hamaoka Nuclear Power Station	Nuclear reactor facilities total Annual release Target control level	*1 N.D. 5.1×10^{15}	*2 N.D. 2.9×10^{11}	6.0×10^9 1.4×10^{11}
Hokuriku Electric Power Co. Shika Nuclear Power Station	Nuclear reactor facilities total Annual release Target control level	*1 N.D. 1.1×10^{15}	*2 N.D. 3.0×10^{10}	*3 N.D. 3.7×10^{10}
Chugoku Electric Power Co., Inc. Shimane Nuclear Power Station	Nuclear reactor facilities total Annual release Target control level	*1 N.D. 2.5×10^{15}	*2 N.D. 1.3×10^{11}	2.2×10^6 7.4×10^{10}
Hokkaido Electric Power Co., Inc. Tomari Power Station	Nuclear reactor facilities total Annual release Target control level	1.7×10^8 1.1×10^{15}	*2 N.D. 1.1×10^{10}	*3 N.D. 7.4×10^{10}
Kansai Electric Power Co., Inc. Mihama Power Station *9	Nuclear reactor facilities total Annual release Target control level	2.0×10^{11} 2.1×10^{15}	1.0×10^7 7.4×10^{10}	3.4×10^5 1.1×10^{11}
Kansai Electric Power Co., Inc. Ikanuma Power Station *10	Nuclear reactor facilities total Annual release Target control level	6.2×10^{11} 3.3×10^{15}	4.4×10^5 6.2×10^{10}	*3 N.D. 1.4×10^{11}
Kansai Electric Power Co., Inc. Ohi Power Station	Nuclear reactor facilities total Annual release Target control level	4.7×10^{11} 3.7×10^{15}	2.8×10^5 1.0×10^{11}	1.4×10^5 1.4×10^{11}
Shikoku Electric Power Co., Inc. Ikata Nuclear Power Station	Nuclear reactor facilities total Annual release Target control level	7.2×10^9 1.5×10^{15}	*2 N.D. 8.1×10^{10}	*3 N.D. 1.1×10^{11}
Kyushu Electric Power Co., Inc. Genkai Nuclear Power Station	Nuclear reactor facilities total Annual release Target control level	2.3×10^{11} 1.6×10^{15}	*2 N.D. 8.9×10^{10}	*3 N.D. 1.1×10^{11}
Kyushu Electric Power Co., Inc. Sendai Nuclear Power Station	Nuclear reactor facilities total Annual release Target control level	3.0×10^{10} 1.6×10^{15}	*2 N.D. 6.2×10^{10}	*3 N.D. 7.4×10^{10}

*1 The detection limiting concentration is less than 2×10^{-2} (Bq/cm³).

*2 The detection limiting concentration is less than 7×10^{-9} (Bq/cm³).

*3 The detection limiting concentration is less than 2×10^{-2} (Bq/cm³). (represented it with Co-60.)

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

*5 This includes the waste (13,208) transported from Tokai Power Station.

*6 This includes the waste (equivalent to 6,764) 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)	Amount 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)
596	340	*4 120	*4 80	0	0	0	0	about 1,600
248	864	*5 29,236	*6 15,068	*7 1,293	0	*8 1,496	0	about 73,000
2,936	384	35,617	10,648	1,312	0	*8 1,304	0	about 85,000
2,048	0	9,788	0	760	0	0	0	about 15,000
8,579	68	231,454	230	8,456	0	*8 7,296	0	about 298,500
1,698	0	18,956	0	328	0	0	0	about 32,000
874	0	3,592	0	0	0	0	0	about 15,000
64	1,880	18,053	11,284	0	0	*8 2,720	0	about 42,000
248	16	248	16	0	0	0	0	about 5,000
1,907	582	23,793	3,326	534	0	*8 1,600	86	about 35,500
336	25	1,070	68	0	0	0	0	about 18,000
2,309	119	22,013	2,419	417	0	*8 4,000	0	about 35,000
1,515	100	32,194	889	361	0	0	0	about 50,600
1,725	512	17,129	1,979	0	0	*8 1,000	786	about 38,900
1,666	90	10,107	1,259	950	0	*8 504	324	about 38,500
877	240	13,784	2,442	230	0	*8 600	0	about 29,000
640	90	4,652	171	273	0	0	0	about 17,000

*7 This includes the waste (577) transported from Tokai Power Station.

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

*9 Two steam generators and keeping containers 261m³ are stored in the steam generator storehouse. (amount of generation in trachea concerned: two steam generators and keeping containers 261m³)

*10 Three steam generators and keeping containers 198m³ are stored in the steam generator storehouse. (amount of generation in trachea concerned: three steam generators and keeping containers 198m³)

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.