

5) Status of radioactive waste management at Commercial Power Reactor Facilities (FY 1994)

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	2.8×10^{14}	*2 N.D.	1.5×10^6
	Annual release Target control level	5.8×10^{14}	-	3.7×10^{10}
Japan Atomic Power Company Co., Ltd. Tokai Daini Power Station	Nuclear reactor facilities total	*1 N.D.	*2 N.D.	*3 N.D.
	Annual release Target control level	1.4×10^{15}	5.9×10^{10}	3.7×10^{10}
Japan Atomic Power Company Co., Ltd. Tsuruga Power Station	Nuclear reactor facilities total	3.6×10^9	*2 N.D.	*3 N.D.
	Annual release Target control level	1.7×10^{15}	9.1×10^{10}	7.4×10^{10}
Tohoku Electric Power Co., Inc. Onagawa Nuclear Power Station	Nuclear reactor facilities total	*1 N.D.	*2 N.D.	*3 N.D.
	Annual release Target control level	2.6×10^{15}	1.1×10^{11}	7.4×10^9
Tokyo Electric Power Co., Inc. Fukushima Daiichi Nuclear Power Station	Nuclear reactor facilities total	*1 N.D.	*2 N.D.	*3 N.D.
	Annual release Target control level	8.8×10^{15}	4.8×10^{11}	2.2×10^{11}
Tokyo Electric Power Co., Inc. Fukushima Daini Nuclear Power Station	Nuclear reactor facilities total	*1 N.D.	*2 N.D.	*3 N.D.
	Annual release Target control level	5.5×10^{15}	2.3×10^{11}	1.4×10^{11}
Tokyo Electric Power Co., Inc. Kashiwazaki-Kariwa Nuclear Power Station	Nuclear reactor facilities total	*1 N.D.	*2 N.D.	*3 N.D.
	Annual release Target control level	5.9×10^{15}	2.1×10^{11}	1.8×10^{11}
Chubu Electric Power Co., Inc. Hamaoka Nuclear Power Station	Nuclear reactor facilities total	1.9×10^{11}	*2 N.D.	*3 N.D.
	Annual release Target control level	5.1×10^{15}	2.9×10^{11}	1.4×10^{11}
Hokuriku Electric Power Co. Shika Nuclear Power Station	Nuclear reactor facilities total	*1 N.D.	*2 N.D.	*3 N.D.
	Annual release Target control level	1.1×10^{15}	3.0×10^{10}	3.7×10^{10}
Chugoku Electric Power Co., Inc. Shimane Nuclear Power Station	Nuclear reactor facilities total	*1 N.D.	*2 N.D.	4.6×10^9
	Annual release Target control level	2.5×10^{15}	1.3×10^{11}	7.4×10^{10}
Hokkaido Electric Power Co., Inc. Tomari Power Station	Nuclear reactor facilities total	4.1×10^8	*2 N.D.	*3 N.D.
	Annual release Target control level	1.1×10^{15}	1.1×10^{10}	7.4×10^{10}
Kansai Electric Power Co., Inc. Yunama Power Station *12	Nuclear reactor facilities total	1.1×10^{11}	2.7×10^5	1.0×10^5
	Annual release Target control level	2.1×10^{15}	7.4×10^{10}	1.1×10^{11}
Kansai Electric Power Co., Inc. Ikanama Power Station *13	Nuclear reactor facilities total	2.0×10^{11}	3.1×10^5	*3 N.D.
	Annual release Target control level	3.3×10^{15}	6.2×10^{10}	1.4×10^{11}
Kansai Electric Power Co., Inc. Oni Power Station *14	Nuclear reactor facilities total	6.0×10^{11}	2.2×10^5	*3 N.D.
	Annual release Target control level	3.7×10^{15}	1.0×10^{11}	1.4×10^{11}
Shikoku Electric Power Co., Inc. Ikata Nuclear Power Station *15	Nuclear reactor facilities total	5.7×10^8	*2 N.D.	*3 N.D.
	Annual release Target control level	1.5×10^{15}	8.1×10^{10}	1.1×10^{11}
Kyushu Electric Power Co., Inc. Genkai Nuclear Power Station *16	Nuclear reactor facilities total	1.7×10^{11}	*2 N.D.	*3 N.D.
	Annual release Target control level	1.6×10^{15}	4.3×10^{10}	1.1×10^{11}
Kyushu Electric Power Co., Inc. Sendai Nuclear Power Station	Nuclear reactor facilities total	3.2×10^{10}	*2 N.D.	*3 N.D.
	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/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 (13,012) transported from Tokai Power Station.

*6 This includes the waste (equivalent to 6,980) transported from Tokai Power Station.

*7 This includes the waste (608) 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)
404	200	*4 112	*4 64	0	0	0	0	about 1,600
288	1,108	*5 27,268	*6 16,392	*7 1,708	0	*8 960	0	about 73,000
2,016	1,856	35,509	12,500	844	0	*8 1,280	*9 4	about 85,000
2,184	0	10,032	0	980	0	*8 960	0	about 20,000
5,493	0	219,950	230	8,997	0	*8 8,000	0	about 298,500
5,936	0	17,719	0	0	7,173	0	0	about 32,000
925	0	4,517	0	0	0	0	0	about 30,000
132	3,208	15,785	14,312	0	0	*8 2,400	0	about 42,000
220	0	468	16	0	0	0	0	about 5,000
2,337	769	24,166	4,095	684	0	*8 1,280	0	about 35,500
268	0	1,338	68	0	0	0	0	about 18,000
2,258	146	19,845	2,465	586	0	*8 3,840	0	about 35,000
1,782	38	33,739	926	237	0	0	0	about 50,600
2,235	62	16,684	1,745	0	0	*8 2,680	*9 296	about 38,900
1,312	127	9,637	1,385	1,142	0	*8 640	0	about 38,500
2,535	287	14,980	2,729	379	0	*8 960	0	about 29,000
630	10	4,946	181	336	0	0	0	about 17,000

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

*9 This includes the waste of incineration at current year (equivalent to 4).

*10 Two steam generators and keeping containers 277m³ are stored in the steam generator storehouse. (amount of generation in trachea concerned: concerned: none)

*11 Three steam generators and keeping containers 198m³ are stored in the steam generator storehouse. (amount of generation in trachea concerned: none)

*12 Four steam generators and keeping containers 1008m³ are stored in the steam generator storehouse. (amount of generation in trachea concerned: four steam generators and keeping containers 1008m³)

*13 Two steam generators and keeping containers 90m³ are stored in the steam generator storehouse. (amount of generation in trachea concerned: two steam generators and keeping containers 90m³)
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.