

(5) Status of Gaseous and Liquid Waste Management (FY 1997)

Power station		Radioactive gaseous and liquid waste		
		Radioactive gaseous waste		Radioactivity Radioactive liquid waste (excluding (Bq)
		Noble gas (Bq)	Iodine (Bq)	
Japan Atomic Power Company Co., Ltd Tokai Power Station	Nuclear reactor facilities total	3.6×10^{14}	*2 N.D.	2.9×10^6
	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	3.0×10^9	*2 N.D.	*3 N.D.
	Annual release Target control level	1.7×10^{15}	3.8×10^{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 Dainichi 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.	2.1×10^4	*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	6.7×10^{15}	2.3×10^{11}	2.5×10^{11}
Chubu Electric Power Co., Inc. Hamaoka Nuclear Power Station	Nuclear reactor facilities total	*1 N.D.	*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.	*3 N.D.
	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	2.4×10^9	*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. Mihama Power Station	Nuclear reactor facilities total	1.9×10^{11}	1.8×10^{10}	*3 N.D.
	Annual release Target control level	2.1×10^{15}	7.4×10^{10}	1.1×10^{11}
Kansai Electric Power Co., Inc. Takahama Power Station	Nuclear reactor facilities total	3.7×10^{11}	3.8×10^6	*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. Ohi Power Station	Nuclear reactor facilities total	4.3×10^{11}	8.6×10^5	*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	6.0×10^8	*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	6.6×10^{10}	*2 N.D.	*3 N.D.
	Annual release Target control level	2.2×10^{15}	5.9×10^{10}	1.4×10^{11}
Kyushu Electric Power Co., Inc. Sendai Nuclear Power Station	Nuclear reactor facilities total	3.4×10^{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} (Ba/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 (10,658) transported from Tokai Power Station.

*6 This includes the waste (equivalent to 8,556) transported from Tokai Power Station.

*7 This includes the waste (2,151) transported from Tokai Power Station.

*8 This includes the waste transported to the Low-level Radioactive Waste Burial Center.

*9 This includes the waste (equivalent to 1,308) of incineration at current year.

*10 This includes the waste (equivalent to 38) of incineration at current year.

Radioactive solid waste								
Amount of drum generated (number of drums)	Other kinds of generation (equivalent to the number of drums)	Amount of drums of accumulation keeping (number of drums)	Amount of other kind of accumulation keeping (number of drums)	Amount of reduction of incineration of drum (number of drums)	Amount of reduction of drum carrying out (number of drums)	Amount of drum of carrying out reduction (number of drums)	Amount of reduction of other kind of (equivalent to the number of drums)	Storage equipment capacity (equivalent to the number of drums)
536	636	*4 160	*4 100	0	0	0	0	about 1,600
428	880	*5 20,914	*6 20,192	*7 3,895	0	*8 296	0	about 73,000
265	2,868	36,414	18,048	0	0	0	*9 1,308	about 85,000
3,368	0	11,812	0	1,264	0	*8 456	0	about 20,000
4,295	2,074	179,488	3,116	8,269	0	*8 11,248	0	about 298,500
1,510	0	20,537	0	594	0	0	0	about 32,000
1,324	0	7,400	0	0	0	0	0	about 30,000
688	2,744	11,285	20,588	0	0	*8 1,600	652	about 42,000
132	26	1,080	42	0	0	0	0	about 5,000
1,156	674	21,926	5,151	1,073	0	*8 1,600	*11 265	about 35,500
369	17	2,568	145	0	0	0	0	about 18,000
1,157	37	23,070	2,114	1,418	0	0	606	about 35,000
2,422	239	30,462	1,327	498	0	*8 3,360	0	about 50,600
2,348	7	18,786	1,815	0	0	0	*10 38	about 38,900
2,021	335	10,618	1,994	1,396	0	0	0	about 38,500
1,824	279	14,106	2,091	621	321	*8 960	660	about 29,000
438	9	6,620	235	204	0	0	0	about 17,000

*11 This includes the amounts (equivalent to 265) of incineration at current year.

*12 Five steam generators and keeping containers 505m³(3) are stored in common steam generator storehouse in Unit 1 and 3. (amount of generation for a period concerned: none)

*13 Three steam generators and keeping containers 363m³(3) are stored in A steam generator storehouse. (amount of generation for a period concerned: none)

Three steam generators and keeping containers 261m³ (3) are stored in B steam generator storehouse. (amount of generation for period concerned: keeping containers 33m³)

*14 Four steam generators and keeping containers 1,008m³ (3) are stored in the steam generator storehouse in Unit 1. (amount of generation for a period concerned: none)

Four steam generators and keeping containers 912m³(3) are stored in the steam generator storehouse in Unit 2. (amount of generation for a period concerned: none)

*15 Two steam generators and keeping containers 89m³ (3) are stored in the steam generator storehouse. (amount of generation for a period concerned: none)

*16 Two steam generators and keeping container 90m³ are stored in the steam generation storehouse. (amount of generation for a period concerned: none)