

5) Status of Radioactive Waste Management at Commercial Power Reactor Facilities (FY 1996)

Power station		Radioactive gas waste and radioactive liquid waste		
		Radioactive gaseous waste		Radioactivity Radioactive liquid waste (excluding ³ H) (Bq)
		Noble gas (Bq)	Iodine [¹³¹ I] (Bq)	
Japan Atomic Power Company Co., Ltd Tokai Power Station	Nuclear reactor facilities total	3.1×10 ¹⁴	4.9×10 ⁵	6.4×10 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	3.8×10 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 Daiichi Nuclear Power Station	Nuclear reactor facilities total	*1 N.D.	3.2×10 ⁹	*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	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	3.0×10 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 *15	Nuclear reactor facilities total	1.9×10 ¹¹	*2 N.D.	*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 *11	Nuclear reactor facilities total	3.3×10 ¹¹	*2 N.D.	*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 *12	Nuclear reactor facilities total	4.3×10 ¹¹	*2 N.D.	*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	Nuclear reactor facilities total	4.5×10 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 *13	Nuclear reactor facilities total	8.5×10 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	3.7×10 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 (12,109) transported from Tokai Power Station.

*6 This includes the waste (equivalent to 7,960) transported from Tokai Power Station.

*7 This includes the waste (707) 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 1,404) of incineration at current year.

*10 This includes the waste (equivalent to 18) of incineration at current year.

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 accumulate d (number of drums)	Amount of other kind of strage accumulate (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 (equivalent to the number of drums)	Amount of storing equipment capacity (equivalent to the number of drums)
524	684	*4 324	*4 60	0	0	0	0	about 1,600
416	720	*5 23,977	*6 18,716	*7 2,099	0	*8 0	0	about 73,000
296	4,676	36,149	16,488	0	0	*8 320	*9 1,404	about 85,000
1,368	0	10,164	0	1,484	0	*8 960	0	about 20,000
4,545	812	194,710	1,042	9,190	0	*8 8,320	0	about 298,500
1,046	0	19,621	0	58	0	0	0	about 32,000
914	0	6,076	0	0	0	0	0	about 30,000
32	2,176	12,197	18,496	0	0	*8 1,760	0	about 42,000
256	0	948	16	0	0	0	0	about 5,000
2,090	517	23,443	4,742	770	0	*8 1,600	*10 18	about 35,500
450	54	2,199	129	0	0	0	0	about 18,000
2,629	92	23,331	2,683	842	0	0	0	about 35,000
2,083	140	31,898	1,088	1,009	0	*8 3,840	0	about 50,600
1,604	44	16,438	1,846	0	0	*8 1,280	*14 4	about 38,900
2,188	128	9,993	1,659	1,181	0	*8 640	0	about 38,500
2,007	290	14,184	2,472	565	474	*8 960	670	about 29,000
775	3	6,386	226	118	0	0	0	about 17,000

*11 Three steam generators and keeping containers 363m³ are stored in A steam generator keeping warehouse. (amount of generation in a trachea concerned: none)

Three steam generators and keeping containers 229m³ are stored in B steam generator keeping warehouse. (amount of generation in a trachea concerned: keeping container 57m³)

*12 Four steam generators and keeping containers 1008m³ are stored in the first machine steam generator keeping warehouse. (amount of generation in in a trachea concerned: none)

Two steam generators and keeping containers 840m³ are stored in the second machine steam generator keeping warehouse. (amount of generation in a trachea concerned: two steam generators and keeping containers 222m³)

*13 Two steam generators and keeping containers 90m³ are stored in the steam generator keeping warehouse. (amount of generation in a trachea concerned: none)

*14 This includes the amount (equivalent to 4) of waste of incineration at current year is contained.

*15 Five steam generators and keeping containers 505m³ are stored in common steam generator keeping storehouse in Unit 1 and 3. (amount of generation concerned: two steam generators and keeping containers 284m³)

Two steam generators and keeping containers 277m³ are stored in common steam generator keeping storehouse in Unit 2. (amount of generation in a trachea concerned: none)