

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

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	2.5×10^{14}	1.4×10^6	1.6×10^7
	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	1.0×10^{10}	5.7×10^4	6.6×10^6
	Annual release Target control level	2.9×10^{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	1.4×10^{15}	8.5×10^{10}	3.7×10^9
Tokyo Electric Power Co., Inc. Fukushima Daiichi Nuclear Power Station	Nuclear reactor facilities total	*1 N.D.	9.1×10^6	*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	3.5×10^{15}	1.7×10^{11}	1.1×10^{11}
Chubu Electric Power Co., Inc. Hamaoka Nuclear Power Station	Nuclear reactor facilities total	*1 N.D.	*2 N.D.	5.2×10^6
	Annual release Target control level	4.0×10^{15}	2.7×10^{11}	1.1×10^{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.	1.5×10^6
	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	3.8×10^9	*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	2.8×10^{11}	6.1×10^6	5.1×10^5
	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	1.8×10^{12}	2.2×10^8	*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	5.6×10^{11}	1.1×10^6	*3 N.D.
	Annual release Target control level	3.2×10^{15}	9.4×10^{10}	1.1×10^{11}
Shikoku Electric Power Co., Inc. Ikata Nuclear Power Station	Nuclear reactor facilities total	2.8×10^{10}	*2 N.D.	*3 N.D.
	Annual release Target control level	1.1×10^{15}	7.4×10^{10}	7.4×10^{10}
Kyushu Electric Power Co., Inc. Genkai Nuclear Power Station	Nuclear reactor facilities total	5.2×10^{11}	*2 N.D.	*3 N.D.
	Annual release Target control level	1.1×10^{15}	7.4×10^{10}	7.4×10^{10}
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.)

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 other kinds of compressions (equivalent to the number of drums)	Amount of storing equipment capacity (equivalent to the number of drums)
708	292	*4 64	*4 92	0	0	0	about 1,600
1,196	724	*5 32,788	*6 11,896	*7 2,384	0	0	about 73,000
2,980	308	33,721	9,744	864	0	0	about 85,000
1,951	0	7,708	0	1,495	0	0	about 15,000
6,101	12	244,620	162	7,573	0	0	about 298,500
2,546	0	15,742	0	144	0	0	about 32,000
656	0	2,547	0	478	0	0	about 15,000
80	1,216	23,578	8,276	280	0	0	about 42,000
0	0	0	0	0	0	0	about 5,000
1,798	373	22,459	1,953	986	0	48	about 35,500
217	35	421	35	0	56	0	about 18,000
815	35	23,856	2,245	433	0	0	about 35,000
1,079	5	29,842	721	617	0	0	about 50,600
1,007	150	15,277	2,401	953	0	109	about 38,900
2,297	155	9,031	2,222	2,129	0	81	about 18,500
595	182	13,130	2,078	78	0	0	about 19,000
1,016	15	3,527	26	90	0	0	about 17,000

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

*5 This includes the waste (13,080) transported from Tokai Power Station.

*6 This includes the waste (equivalent to 6,232) transported from Tokai Power Station

*7 This includes the amount of reduction of other kinds of incineration (58).

The sum of the amount of storage at the end of the previous fiscal year and the amount generated in this fiscal year does correspond to the values due to the error from rounding off the conversion calculation.