

(6) Status of Radioactive Waste Management at Commercial Power Reactor Facilities

The Name of Power station	Radioactive gaseous waste and liquid waste				Radioactive solid waste				
		Radioactive gaseous waste		Radioactive liquid waste (excluding ^3H) (Ci)	Amount of generated drums (number of drums)	Amount of generated drums (other kinds) (number of drums)	Amount of generated drums (other kinds) (equivalent to the number of drums)	Amount of generated drums (other kinds) (number of drums)	Amount of accumulated drums (other kinds) (equivalent to the number of drums)
		Noble gas (Ci)	Iodine [^{131}I] (Ci)						
Japan Atomic Power Company Co., Ltd Tokai Power Station	Nuclear reactor facilities total	6.3×10^3	8.4×10^{-5}	1.8×10^{-3}	1,056	499	*4 176	*4 136	About 1,600
	Annual release Target control level	1.6×10^4	—	1					
Japan Atomic Power Company Co., Ltd. Tokai Daini Power Station	Nuclear reactor facilities total	4.1×10^0	1.9×10^{-3}	*3 N.D.	2,244	780	*5 33,810	*6 8,444	About 73,000
	Annual release Target control level	3.9×10^4	1.6×10^0	1					
Japan Atomic Power Company Co., Ltd. Tsuruga Power Station	Nuclear reactor facilities total	7.0×10^{-2}	3.5×10^{-5}	3.0×10^{-4}	4,136	312	*7 26,188	7,584	About 85,000
	Annual release Target control level	7.9×10^4	2.5×10^0	2					
Tohoku Electric Power Co., Inc. Onagawa Nuclear Power Station	Nuclear reactor facilities total	*1 N.D.	*2 N.D.	*3 N.D.	1,384	0	4,756	0	About 15,000
	Annual release Target control level	3.8×10^4	2.3×10^0	0.1					
Tokyo Electric Power Co., Inc. Fukushima Daiichi Nuclear Power Station	Nuclear reactor facilities total	5.2×10^0	9.5×10^{-4}	1.8×10^{-4}	9,379	0	*8 247,198	150	About 298,000
	Annual release Target control level	2.4×10^5	1.3×10^1	6					
Tokyo Electric Power Co., Inc. Fukushima Daini Nuclear Power Station	Nuclear reactor facilities total	9.2×10^{-5}	3.1×10^{-7}	*3 N.D.	1,394	0	*9 8,979	0	About 32,000
	Annual release Target control level	1.5×10^5	6.4×10^0	4					
Tokyo Electric Power Co., Inc. Kashiwazaki-Kariwa Nuclear Power Station	Nuclear reactor facilities total	*1 N.D.	*2 N.D.	*3 N.D.	393	0	1,672	0	About 15,000
	Annual release Target control level	3.2×10^4	1.6×10^0	1					
Chubu Electric Power Co., Inc. Hamaoka Nuclear Power Station	Nuclear reactor facilities total	*1 N.D.	1.8×10^{-5}	3.9×10^{-4}	988	968	*10 25,325	3,192	About 42,000
	Annual release Target control level	1.1×10^5	7.4×10^0	3					
Chugoku Electric Power Co., Inc. Shimane Nuclear Power Station	Nuclear reactor facilities total	*1 N.D.	*2 N.D.	2.2×10^{-4}	1,165	277	*11 19,245	1,516	About 35,500
	Annual release Target control level	3.7×10^4	1.8×10^0	1					

*1 The detection limiting concentration is less than 5×10^{-7} ($\mu\text{Ci} / \text{Cm}^3$)

*2 The detection limiting concentration is less than 2×10^{-13} ($\mu\text{Ci} / \text{Cm}^3$)

*3 The detection limiting concentration is less than 5×10^{-7} ($\mu\text{Ci} / \text{Cm}^3$) (represented it with Co-60.)

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

*5 This includes the waste (equivalent to 11,292 drums) carried from Tokai Power Station and the amount of reduction of incineration of this year (equivalent to 2,222 drums).

*6 This includes the waste (equivalent to 5,028 drums) carried from Tokai Power Station

*7 This includes the amount of reduction of incineration of this year (equivalent to 2,721 drums).

*8 This includes the amount of reduction of incineration of this year (equivalent to 1,869 drums).

*9 This includes the amount of reduction of incineration of this year (equivalent to 1,296 drums).

*10 This includes the amount of reduction of incineration of this year (equivalent to 2,940 drums).

*11 This includes the amount of reduction of incineration of this year (equivalent to 1,773 drums).

The Name of Power station	Radioactive gaseous waste and liquid waste				Radioactive solid waste				
		Radioactive gaseous waste		Radioactive liquid waste (excluding ^3H) (Ci)	Amount of generated drums (number of drums)	Amount of generated drums (other kinds) (number of drums)	Amount of generated drums (other kinds) (equivalent to the number of drums)	Amount of generated drums (other kinds) (number of drums)	Amount of accumulated drums (other kinds) (equivalent to the number of drums)
		Noble gas (Ci)	Iodine [^{131}I] (Ci)						
Kansai Electric Power Co., Inc. Mihama Power Station	Nuclear reactor facilities total	1 2.5×10^1	-4 1.0×10^1	-4 4.7×10^1	1,160	106	*3 21,311	*4 1,953	About 35,000
	Annual release Target control level	4 5.9×10^1	0 2.0×10^1	3					
Kansai Electric Power Co., Inc. Takahama Power Station	Nuclear reactor facilities total	1 1.3×10^1	-5 7.2×10^1	-5 7.2×10^1	854	96	26,918	* 381	About 50,600
	Annual release Target control level	4 9.0×10^1	0 1.7×10^1	4					
Kansai Electric Power Co., Inc. Ohi Power Station	Nuclear reactor facilities total	1 4.1×10^1	-5 4.2×10^1	-4 1.2×10^1	615	125	*5 15,153	1,841	About 28,900
	Annual release Target control level	4 7.3×10^1	0 2.2×10^1	2					
Shikoku Electric Power Co., Inc. Ikata Power Station	Nuclear reactor facilities total	-1 2.0×10^1	*1 N.D.	*2 N.D.	1,536	147	*6 7,200	*7 1,749	About 18,500
	Annual release Target control level	4 3.0×10^1	0 2.0×10^1	2					
Kyushu Electric Power Co., Inc. Genkai Nuclear Power Station	Nuclear reactor facilities total	1 2.8×10^1	*1 N.D.	*2 N.D.	646	98	*8 13,662	1,481	About 19,000
	Annual release Target control level	4 3.0×10^1	0 2.0×10^1	2					
Kyushu Electric Power Co., Inc. Sendai Nuclear Power Station	Nuclear reactor facilities total	0 1.1×10^1	*1 N.D.	*2 N.D.	865	0	*9 1,562	17	About 17,000
	Annual release Target control level	4 4.4×10^1	0 1.7×10^1	2					

*1 The detection limiting concentration is less than 2×10^{-3} ($\mu\text{Ci} / \text{Cm}^3$)

*2 The detection limiting concentration is less than 5×10^{-7} ($\mu\text{Ci} / \text{Cm}^3$) (represented it with Co-60.)

*3 This includes the waste (equivalent to 15 drums) carried from Tokai Power Station

*4 This includes the amount of reduction of compression of this year (equivalent to 2,463 drums).

*5 This includes the amount of reduction of incineration of this year (equivalent to 80 drums).

*6 This includes the amount of reduction of incineration of this year (equivalent to 1,314 drums).

*7 This includes the amount of reduction of compression of this year (equivalent to 81 drums).

*8 This includes the amount of reduction of compression of this year (equivalent to 1,932 drums).

*9 This includes the amount of reduction of compression of this year (equivalent to 268 drums).

* The total of the accumulated amount in previous year and the generated amount in this year does not correspond to this value because of the error of coefficient calculation.