

(1) Commercial Nuclear Power Reactor Facilities

Power Station	Item	Radioactive Gaseous Waste		Radioactive Liquid Waste (excluding ^3H) (Bq)
		Noble Gases (Bq)	Iodine [^{131}I] (Bq)	
Hokkaido Electric Power Co., Inc., Tomari Power Station	Nuclear reactor facilities total	1.7E+09	*1 6.9E+05	N.D.
	Annual release Control target value	1.3E+15	1.2E+10	1.1E+11
Tohoku Electric Power Co., Inc., Onagawa Nuclear Power Station	Nuclear reactor facilities total	*1 4.2E+11	*1 1.0E+09	N.D.
	Annual release Control target value	3.8E+15	1.3E+11	1.1E+10
Tohoku Electric Power Co., Inc., Higashidori Nuclear Power Station	Nuclear reactor facilities total	N.D.	*1 8.8E+05	N.D.
	Annual release Control target value	1.2E+15	2.0E+10	3.7E+09
Tokyo Electric Power Co., Inc., Fukushima Daiichi Nuclear Power Station *2	Nuclear reactor facilities total	-	-	-
	Annual release Control target value	8.8E+15	4.8E+11	2.2E+11
Tokyo Electric Power Co., Inc., Fukushima Daini Nuclear Power Station	Nuclear reactor facilities total	*1 1.3E+10	*1 1.9E+10	*3 1.6E+06
	Annual release Control target value	5.5E+15	2.3E+11	1.4E+11
Tokyo Electric Power Co., Inc., Kashiwazaki-Kariwa Nuclear Power Station	Nuclear reactor facilities total	N.D.	*4, Notes 8.4E+06	N.D.
	Annual release Control target value	6.7E+15	2.3E+11	2.5E+11
Chubu Electric Power Co., Inc., Hamaoka Nuclear Power Station	Nuclear reactor facilities total	N.D.	*1 4.0E+07	N.D.
	Annual release Control target value	*5 3.6E+15	*5 1.1E+11	*6 3.7E+10
Hokuriku Electric Power Co., Inc., Shika Nuclear Power Station	Nuclear reactor facilities total	N.D.	N.D.	N.D.
	Annual release Control target value	2.3E+15	4.8E+10	7.4E+10
Kansai Electric Power Co., Inc., Mihama Power Station	Nuclear reactor facilities total	3.4E+09	*1 1.2E+06	N.D.
	Annual release Control target value	2.1E+15	7.3E+10	1.1E+11
Kansai Electric Power Co., Inc., Takahama Power Station	Nuclear reactor facilities total	1.7E+09	*1 1.4E+06	N.D.
	Annual release Control target value	3.3E+15	6.2E+10	1.4E+11
Kansai Electric Power Co., Inc., Ohi Power Station	Nuclear reactor facilities total	6.8E+10	*1 2.2E+06	N.D.
	Annual release Control target value	4.0E+15	1.0E+11	1.4E+11

*1: Available data suggests that these values are attributable to the accidents at the Fukushima Daiichi Nuclear Power Station.

*2: Currently undergoing evaluation by the licensee associated with the Tohoku District - off the Pacific Ocean Earthquake

*3: Measurement results concerning Sr-89 and 90 are being evaluated by the licensee.

*4: This value includes the released amount (7.7E+06), which the available data suggests is attributable to the accidents at the Fukushima Daiichi Nuclear Power Station.

*5: The release control target value is the total value corresponding to Units 3 to 5. Each value of Units 1 and 2 is to be less than the measurement concentration lower limit.

*6: The release control target value is the total value corresponding to Units 3 to 5. Each value of Units 1 and 2 is 9.2E+09.

Power Station	Item	Radioactive Gaseous Waste		Radioactive Liquid Waste (excluding ^3H) (Bq)
		Noble Gases (Bq)	Iodine [^{131}I] (Bq)	
Chugoku Electric Power Co., Inc., Shimane Nuclear Power Station	Nuclear reactor facilities total	N.D.	*1 2.5E+06	N.D.
	Annual release Control target value	8.4E+14	4.3E+10	7.4E+10
Shikoku Electric Power Co., Inc., Ikata Power Station	Nuclear reactor facilities total	1.5E+10	*1 9.5E+05	N.D.
	Annual release Control target value	1.5E+15	8.1E+10	1.1E+11
Kyushu Electric Power Co., Inc., Genkai Nuclear Power Station	Nuclear reactor facilities total	4.5E+10	*1 8.4E+05	N.D.
	Annual release Control target value	2.2E+15	5.8E+10	1.4E+11
Kyushu Electric Power Co., Inc., Sendai Nuclear Power Station	Nuclear reactor facilities total	9.1E+09	*1 1.6E+05	N.D.
	Annual release Control target value	1.7E+15	6.2E+10	7.4E+10
The Japan Atomic Power Co., Ltd., Tokai Power Station	Nuclear reactor facilities total			4.3E+03
	Annual release Control target value			*7 2.9E+07
The Japan Atomic Power Co., Ltd., Tokai Daini Power Station	Nuclear reactor facilities total	N.D.	*1 4.9E+08	1.0E+07
	Annual release Control target value	1.4E+15	5.9E+10	3.7E+10
The Japan Atomic Power Co., Ltd., Tsuruga Power Station	Nuclear reactor facilities total	4.9E+09	*1 6.8E+05	N.D.
	Annual release Control target value	1.7E+15	3.8E+10	7.4E+10

Notes: The radioactivity (Bq) of gaseous (or liquid) waste is obtained by multiplying the concentration of the radioactive material (Bq/cm^3) in the released gas (or liquid) by the amount of released gas (or liquid).

Values lower than the detection limit of radioactivity are indicated as N.D.

The detection limits are as follows. (Bq/cm^3)

Radioactive noble gases : 2E-02 or less

Radioactive iodine : 7E-09 or less

(9.2E-9 for the Kashiwazaki-Kariwa Nuclear Power Station of TEPCO)

Radioactive liquid waste (excluding ^3H) : 2E-02 or less (represented by the value of ^{60}Co)

*7: The release control target values are for ^{60}Co , ^{137}Cs , ^{152}Eu and ^{154}Eu .