

## (1) Commercial Nuclear Power Reactor Facilities

Power station		Radioactive gaseous waste		Radioactive liquid waste (excluding $^3\text{H}$ ) (Bq)
		Noble gas (Bq)	Iodine [ $^{131}\text{I}$ ] (Bq)	
Hokkaido Electric Power Co., Inc. Tomari Power Station	Nuclear reactor facilities total	6.5E+09	N.D.	N.D.
	Annual release control target values	1.3E+15	1.2E+10	1.1E+11
Tohoku Electric Power Co., Inc. Onagawa Nuclear Power Station	Nuclear reactor facilities total	*1 5.4E+12	*1 2.7E+10	N.D.
	Annual release control target values	3.8E+15	1.3E+11	1.1E+10
Tohoku Electric Power Co., Inc. Higashidori Nuclear Power Station	Nuclear reactor facilities total	N.D.	N.D.	N.D.
	Annual release control target values	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 values	8.8E+15	4.8E+11	2.2E+11
Tokyo Electric Power Co., Inc. Fukushima Daini Nuclear Power Station *2	Nuclear reactor facilities total	-	-	-
	Annual release control target values	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.	*1 1.5E+07	N.D.
	Annual release control target values	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 7.9E+08	N.D.
	Annual release control target values	*4 3.6E+15	*4 1.1E+11	*5 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 values	2.3E+15	4.8E+10	7.4E+10
Kansai Electric Power Co., Inc. Mihama Power Station	Nuclear reactor facilities total	3.8E+10	1.2E+05	N.D.
	Annual release control target values	2.1E+15	7.3E+10	1.1E+11
Kansai Electric Power Co., Inc. Takahama Power Station	Nuclear reactor facilities total	9.6E+09	*1 1.4E+04	N.D.
	Annual release control target values	3.3E+15	6.2E+10	1.4E+11
Kansai Electric Power Co., Inc. Ohi Power Station	Nuclear reactor facilities total	9.0E+11	*1 2.7E+05	N.D.
	Annual release control target values	4.0E+15	1.0E+11	1.4E+11

\*1: Available data suggests that these values are effects of the accident at the Fukushima Daiichi Nuclear Power Station.

\*2: Currently undergoing evaluation by the licensee due to the effects of the Great East Japan Earthquake.

\*3: Including the release that the available data suggests is the effect of the accident at the Fukushima Daiichi Nuclear Power Station.

\*4: The release control target value is the total value of Units 3 to 5. Each value of Units 1 and 2 is less than the measurement concentration lower limit.

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

Power station		Radioactive gaseous waste		Radioactive liquid waste (excluding $^3\text{H}$ ) (Bq)
		Noble gas (Bq)	Iodine [ $^{131}\text{I}$ ] (Bq)	
Chugoku Electric Power Co., Inc. Shimane Nuclear Power Station	Nuclear reactor facilities total	N.D.	N.D.	N.D.
	Annual release control target values	8.4E+14	4.3E+10	7.4E+10
Shikoku Electric Power Co., Inc. Ikata Power Station	Nuclear reactor facilities total	1.7E+11	*1 1.7E+04	N.D.
	Annual release control target values	1.5E+15	8.1E+10	1.1E+11
Kyushu Electric Power Co., Inc. Genkai Nuclear Power Station	Nuclear reactor facilities total	2.6E+11	*3 3.2E+06	N.D.
	Annual release control target values	2.2E+15	5.8E+10	1.4E+11
Kyushu Electric Power Co., Inc. Sendai Nuclear Power Station	Nuclear reactor facilities total	1.2E+10	N.D.	N.D.
	Annual release control target values	1.7E+15	6.2E+10	7.4E+10
Japan Atomic Power Co., Ltd. Tokai Power Station	Nuclear reactor facilities total	/		8.7E+04
	Annual release control target values	/		*6 2.9E+07
Japan Atomic Power Co., Ltd. Tokai Daini Power Station	Nuclear reactor facilities total	*1 5.6E+10	*1 6.1E+09	2.0E+07
	Annual release control target values	1.4E+15	5.9E+10	3.7E+10
Japan Atomic Power Co., Ltd. Tsuruga Power Station	Nuclear reactor facilities total	N.D.	N.D.	N.D.
	Annual release control target values	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<sup>3</sup>) 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<sup>3</sup>)

Radioactive noble gases : 2E-02 or less

Radioactive iodine : 7E-09 or less

Radioactive liquid waste (excluding  $^3\text{H}$ ) : 2E-02 or less (a value of  $^{60}\text{Co}$  was used)

\*6: The release control target values are for  $^{60}\text{Co}$ ,  $^{137}\text{Cs}$ ,  $^{152}\text{Eu}$  and  $^{154}\text{Eu}$ .