

## Reference Material 1. Release of Radioactive Noble Gas in Radioactive Gaseous Waste by Fiscal Year

## (1) Commercial Nuclear Power Reactor Facilities

(Unit: Bq)

Power station	FY 2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Hokkaido Electric Power Co., Inc., Tomari Nuclear Power Station	3.3E+09	3.1E+09	4.4E+09	7.7E+09	6.5E+09	1.7E+09	N.D.	N.D.	N.D.	N.D.
Tohoku Electric Power Co., Inc., Onagawa Nuclear Power Station	N.D.	N.D.	N.D.	N.D.	5.4E+12 <sup>*1</sup>	4.2E+11 <sup>*1</sup>	N.D.	N.D.	N.D.	N.D.
Tohoku Electric Power Co., Inc., Higashidori Nuclear Power Station	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Tokyo Electric Power Co., Inc., Fukushima Daiichi Nuclear Power Station	1.5E+08	2.2E+08	N.D.	N.D.	N.D.	—	—	N.D.	N.D.	N.D.
Tokyo Electric Power Co., Inc., Fukushima Daiini Nuclear Power Station	N.D.	N.D.	N.D.	N.D.	3.6E+12 <sup>*1</sup>	1.3E+10 <sup>*1</sup>	N.D.	N.D.	N.D.	N.D.
Tokyo Electric Power Co., Inc., Kashiwazaki-Kariwa Nuclear Power Station	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Chubu Electric Power Co., Inc., Hamaoka Nuclear Power Station	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Hokuriku Electric Power Co., Shika Nuclear Power Station	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Kansai Electric Power Co., Inc., Mihama Nuclear Power Station	2.3E+09	4.6E+09	2.8E+09	4.7E+09	3.8E+10	3.4E+09	5.4E+07	N.D.	N.D.	N.D.
Kansai Electric Power Co., Inc., Takahama Power Station	1.5E+10	1.8E+10	9.3E+11	3.3E+11	9.6E+09	1.7E+09	4.5E+08	N.D.	2.3E+08	2.5E+08
Kansai Electric Power Co., Inc., Ohi Nuclear Power Station	2.9E+09	2.2E+09	1.9E+10	5.0E+11	9.0E+11	6.8E+10	N.D.	N.D.	N.D.	N.D.
Chugoku Electric Power Co., Inc., Shimane Nuclear Power Station	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Shikoku Electric Power Co., Inc., Ikata Nuclear Power Station	6.9E+11	8.7E+11	1.5E+10	2.6E+11	1.7E+11	1.5E+10	N.D.	N.D.	N.D.	N.D.
Kyushu Electric Power Co., Inc., Genkai Nuclear Power Station	8.1E+11	4.6E+10	2.6E+10	2.5E+10	2.6E+11	4.5E+10	1.3E+10	1.8E+10	7.6E+09 <sup>*5</sup>	N.D.
Kyushu Electric Power Co., Inc., Sendai Nuclear Power Station	1.6E+10	1.5E+10	1.3E+10	9.4E+09	1.2E+10	9.1E+09	3.5E+09	1.5E+09	4.8E+08 <sup>*5</sup>	N.D.
Japan Atomic Power Company, Tokai Power Station										
Japan Atomic Power Company, Tokai No. 2 Power Station	N.D.	N.D.	N.D.	N.D.	5.6E+10 <sup>*1</sup>	N.D.	N.D.	N.D.	N.D.	N.D.
Japan Atomic Power Company, Tsuruga Power Station	N.D.	N.D.	N.D.	7.4E+08	N.D.	4.9E+09	N.D.	N.D.	N.D.	N.D.
Total (excluding N.D.)	1.5E+12	9.6E+11	1.0E+12	1.1E+12	1.0E+13 <sup>*2</sup>	5.8E+11	1.7E+10	2.0E+10 <sup>*6</sup>	8.3E+09 <sup>*6</sup>	2.5E+08 <sup>*6</sup>

\*1: These values are presumed to be attributable to the accident at Fukushima Daiichi Nuclear Power Station.

\*2: Value up to March 11, 2011 (data up to March 11, 2011 was evaluated due to the effects of the Great East Japan Earthquake).  
In addition, the value up to March 11, 2011 was included in the total for Fukushima Daiichi Nuclear Power Station.

\*3: is missing number.

\*4: The values for FY2013 and FY2014 are the records for the common ventilation stack for Units 5 and 6, which are managed in accordance with the Fukushima Daiichi implementation plan. The value for FY2015 is the record for the common ventilation stack for Units 5 and 6 and the incinerator building ventilation stack (excluding noble gas).

For ventilation ports and ventilation monitoring equipment for which actual measurement was impossible due to the effects of the Great East Japan Earthquake, the additional amount released from each unit was measured, and the total amount released from Units 1 to 4 was evaluated to be roughly 8.76E + 10 Bq per year for FY2013 and FY2014, and roughly less than 5.00E + 9 Bq per year for FY2015.

\*5: Includes natural nuclides, etc.

\*6: For FY2013 through FY2015, values at Fukushima Daiichi Nuclear Power Station Units 1 to 4 are not included.