

Reference Material 4: Release of Tritium in Radioactive Liquid Waste by Fiscal Year

(1) Commercial Nuclear Power Reactor Facilities

(Unit: Bq)

FY Power Station	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Hokkaido Electric Power Co., Inc., Tomari Power Station	2.9E+13	2.2E+13	1.9E+13	3.1E+13	2.9E+13	2.7E+13	2.0E+13	3.0E+13	3.3E+13	3.8E+13
Tohoku Electric Power Co., Inc., Onagawa Nuclear Power Station	7.9E+10	5.6E+09	8.0E+08	2.1E+09	5.4E+09	5.1E+09	6.7E+09	6.6E+10	2.2E+10	8.4E+09
Tohoku Electric Power Co., Inc., Higashidori Nuclear Power Station	-	-	9.4E+08	3.9E+10	3.4E+10	5.3E+10	9.0E+10	2.3E+11	3.0E+10	1.6E+11
Tokyo Electric Power Co., Inc., Fukushima Daiichi Nuclear Power Station	7.8E+11	1.4E+12	1.0E+12	1.3E+12	2.6E+12	1.4E+12	1.6E+12	2.0E+12	-	-
Tokyo Electric Power Co., Inc., Fukushima Daini Nuclear Power Station	9.1E+11	3.8E+11	3.5E+11	9.6E+11	6.6E+11	7.3E+11	5.0E+11	9.8E+11	1.6E+12	2.3E+12
Tokyo Electric Power Co., Inc., Kashiwazaki-Kariwa Nuclear Power Station	1.2E+11	8.5E+11	4.9E+11	8.1E+11	8.8E+11	8.8E+11	9.2E+11	5.4E+11	6.6E+11	4.6E+11
Chubu Electric Power Co., Inc., Hamaoka Nuclear Power Station	7.5E+11	5.9E+11	4.6E+11	7.5E+11	6.8E+11	6.0E+11	7.3E+11	6.4E+11	6.4E+11	4.6E+11
Hokuriku Electric Power Co., Inc., Shika Nuclear Power Station	6.5E+10	2.2E+11	1.2E+11	1.8E+11	1.8E+11	2.5E+10	7.6E+10	3.9E+11	2.8E+11	2.1E+11
Kansai Electric Power Co., Inc., Mihama Power Station	1.8E+13	2.3E+13	1.6E+13	1.5E+13	1.4E+13	2.0E+13	1.8E+13	2.3E+13	1.3E+13	2.2E+13
Kansai Electric Power Co., Inc., Takahama Power Station	6.3E+13	5.9E+13	6.3E+13	6.9E+13	6.8E+13	6.0E+13	4.0E+13	4.3E+13	6.5E+13	3.8E+13
Kansai Electric Power Co., Inc., Ohi Power Station	6.4E+13	9.0E+13	9.8E+13	6.6E+13	7.7E+13	8.9E+13	7.4E+13	8.1E+13	5.6E+13	5.6E+13
Chugoku Electric Power Co., Inc., Shimane Nuclear Power Station	3.6E+11	5.2E+11	6.3E+11	6.3E+11	3.0E+11	6.6E+11	2.8E+11	2.2E+11	2.3E+11	3.4E+11
Shikoku Electric Power Co., Inc., Ikata Power Station	5.2E+13	5.4E+13	6.8E+13	5.3E+13	4.6E+13	6.6E+13	5.8E+13	5.7E+13	5.1E+13	5.3E+13
Kyushu Electric Power Co., Inc., Genkai Nuclear Power Station	9.1E+13	9.5E+13	7.3E+13	7.4E+13	9.9E+13	8.6E+13	6.9E+13	8.1E+13	1.0E+14	5.6E+13
Kyushu Electric Power Co., Inc., Sendai Nuclear Power Station	3.2E+13	3.8E+13	5.1E+13	4.8E+13	3.5E+13	3.8E+13	5.3E+13	5.0E+13	3.0E+13	3.7E+13
The Japan Atomic Power Company, Tokai Power Station	6.5E+10	3.7E+06	N.D.	4.1E+08	2.0E+08	1.0E+09	1.3E+09	7.5E+07	N.D.	N.D.
The Japan Atomic Power Company, Tokai Daini Power Station	8.6E+11	8.5E+11	6.1E+11	7.4E+11	6.2E+11	5.8E+11	5.5E+11	7.0E+11	4.2E+11	8.7E+11
The Japan Atomic Power Company, Tsuruga Power Station	1.4E+13	2.2E+13	2.6E+13	9.2E+12	1.5E+13	1.3E+13	4.9E+12	1.5E+13	1.2E+13	6.0E+12
Total	3.7E+14	4.1E+14	4.2E+14	3.7E+14	3.9E+14	4.0E+14	3.4E+14	3.9E+14	3.6E+14	3.1E+14

Notes: The data for PWR power stations includes the amount of tritium released from secondary sources.

*5: The data includes the amount of radioactivity released outside the controlled area due to interfusion of the condensate make-up water system with the indoor steam system and the reactor auxiliary cooling system of Unit 1.