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

(1) Commercial Nuclear Power Reactor Facilities (Unit: Bq)

Power Station \ FY	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Hokkaido Electric Power Co., Inc., Tomari Nuclear Power Station	3.1E+13	2.9E+13	2.7E+13	2.0E+13	3.0E+13	3.3E+13	3.8E+13	8.7E+12	5.7E+11	6.8E+10
Tohoku Electric Power Co., Inc., Onagawa Nuclear Power Station	2.1E+09	5.4E+09	5.1E+09	6.7E+09	6.6E+10	2.2E+10	8.4E+09	1.7E+10	1.3E+10	1.4E+10
Tohoku Electric Power Co., Inc., Higashidori Nuclear Power Station	3.9E+10	3.4E+10	5.3E+10	9.0E+10	2.3E+11	3.0E+10	1.6E+11	4.5E+10	2.7E+09	N.D. *9
Tokyo Electric Power Co., Inc., Fukushima Daiichi Nuclear Power Station	1.3E+12	2.6E+12 *8	1.4E+12	1.6E+12	2.0E+12	— *2	— *2	No release record	No release record	No release record
Tokyo Electric Power Co., Inc., Fukushima Daiini Nuclear Power Station	9.6E+11	6.6E+11	7.3E+11	5.0E+11	9.8E+11	1.6E+12	2.3E+12	8.0E+11	7.5E+11	1.0E+10
Tokyo Electric Power Co., Inc., Kashiwazaki-Kariwa Nuclear Power Station	8.1E+11	8.8E+11	8.8E+11	9.2E+11	5.4E+11	6.6E+11	4.6E+11	2.6E+11	4.6E+09	2.1E+08
Chubu Electric Power Co., Inc., Hamaoka Nuclear Power Station	7.5E+11	6.8E+11	6.0E+11	7.3E+11	6.4E+11	6.4E+11	4.6E+11	2.0E+11	3.1E+11	1.7E+10
Hokuriku Electric Power Co., Inc., Shika Nuclear Power Station	1.8E+11	1.8E+11	2.5E+10	7.6E+10	3.9E+11	2.8E+11	2.1E+11	1.1E+10	1.1E+10	1.6E+10
Kansai Electric Power Co., Inc., Mihama Nuclear Power Station	1.5E+13	1.4E+13	2.0E+13	1.8E+13	2.3E+13	1.3E+13	2.2E+13	4.3E+12	5.3E+12	3.1E+12
Kansai Electric Power Co., Inc., Takahama Power Station	6.9E+13	6.8E+13	6.0E+13	4.0E+13	4.3E+13	6.5E+13	3.8E+13	6.8E+12	3.4E+12	1.3E+12
Kansai Electric Power Co., Inc., Ohi Nuclear Power Station	6.6E+13	7.7E+13	8.9E+13	7.4E+13	8.1E+13	5.6E+13	5.6E+13	2.2E+13	6.0E+13	3.1E+12
Shikoku Electric Power Co., Inc., Shimane Nuclear Power Station	6.3E+11	3.0E+11	6.6E+11	2.8E+11	2.2E+11	2.3E+11	3.4E+11	1.5E+11	1.5E+11	7.9E+10
Shikoku Electric Power Co., Inc., Ikata Nuclear Power Station	5.3E+13	4.6E+13	6.6E+13	5.8E+13	5.7E+13	5.1E+13	5.3E+13	1.8E+12	6.8E+11	2.4E+11
Kyushu Electric Power Co., Inc., Genkai Nuclear Power Station	7.4E+13	9.9E+13	8.6E+13	6.9E+13	8.1E+13	1.0E+14	5.6E+13	2.0E+12	8.6E+11	1.1E+11
Kyushu Electric Power Co., Inc., Sendai Nuclear Power Station	4.8E+13	3.5E+13	3.8E+13	5.3E+13	5.0E+13	3.0E+13	3.7E+13	1.0E+12	2.1E+11	2.1E+11
Japan Atomic Power Company, Tokai Power Station	4.1E+08	2.0E+08	1.0E+09	1.3E+09	7.5E+07	N.D. *9	N.D. *9	N.D. *9	5.9E+07	N.D. *9
Japan Atomic Power Company, Tokai No. 2 Power Station	7.4E+11	6.2E+11	5.8E+11	5.5E+11	7.0E+11	4.2E+11	8.7E+11	4.1E+10	8.6E+10	2.6E+10
Japan Atomic Power Company, Tsuruga Power Station	9.2E+12	1.5E+13	1.3E+13	4.9E+12	1.5E+13	1.2E+13	6.0E+12	9.3E+11	3.2E+11	4.5E+11
Total	3.7E+14	3.9E+14	4.0E+14	3.4E+14	3.9E+14	3.6E+14 *4	3.1E+14 *4	4.9E+13	7.3E+13	8.7E+12

Note: The data for PWR power stations includes tritium release from secondary systems. The release records at Fukushima Daiichi Nuclear Power Station are those of radioactive liquid waste released from drainage equipment in a managed manner. Release related to the Great East Japan Earthquake is not included.

*8: Includes radioactivity released from controlled areas by water intrusion from make-up water condensate systems into steam systems in the power station and Unit-1 component cooling water system.

*9: Tritium detection limit concentration: 2E-01 or less