Sep 6, 2012
Tokyo Electric Power Company

Nuclide Analysis Results of the Water in the Water Treatment Facility

Unit: (Bq/cm^3)

Name of Sample		① Highly concentrated contaminated water in the basement of the Central Radioactive Waste Treatment Facility (Accumlated water)	② Treated water in the Cesium Adsorption Apparatus	③ Highly concentrated contaminated water in the basement of the High Temperature Incinerator Building (Accumlated water)	④ Treated water in System A of the 2nd Cesium Adsorption Apparatus	⑤ Treated water in System B of the 2nd Cesium Adsorption Apparatus	⑥ Water at the inlet of the water desalinations	⑦ Water at the outlet of the water desalinations	⑧ Concentrated water in the water desalinations	⑨ Water at the outlet of the Evaporative Concentration Apparatus	⑩ Concentrated waste water in the Evaporative Concentration Apparatus
Date of Sampling		6:45 AM on Aug. 21, 2012	August 2012 (Not sampled)	6:35 AM on Aug. 21, 2012	6:25 AM on Aug. 21, 2012	6:25 AM on Aug. 21, 2012	6:05 AM on Aug. 21, 2012	6:10 AM on Aug. 21, 2012	6:15 AM on Aug. 21, 2012	August 2012 (Not sampled)	August 2012 (Not sampled)
γ Nuclides	I-131 (Approx. 8 days)	ND	—	ND	ND	ND	ND	ND	ND	—	—
	Cs-134 (Approx. 2 years)	4.7E+04	—	3.0E+04	9.0E-01	5.4E-01	2.5E+00	ND	ND	—	—
	Cs-137 (Approx.30 years)	7.6E+04	—	4.8E+04	1.2E+00	7.8E-01	3.5E+00	4.0E-02	6.7E+00	—	—
	Mn-54 (Approx. 310 days)	ND	—	ND	1.9E+00	1.8E+00	2.0E+00	ND	2.4E+00	—	—
	Co-58 (Approx. 71 days)	ND	—	ND	ND	ND	ND	ND	ND	—	—
	Co-60 (Approx. 5 years)	ND	—	ND	3.5E+00	3.3E+00	2.7E+00	ND	5.3E+00	—	—
	Ru-103 (Approx. 40 days)	ND	—	ND	ND	ND	ND	ND	ND	—	—
	Ru-106 (Approx. 370 days)	ND	—	ND	2.4E+00	3.3E+00	7.1E+00	ND	1.3E+01	—	—
	Sb-124 (Approx. 60 days)	ND	—	ND	ND	ND	ND	ND	ND	—	—
	Sb-125 (Approx. 3 years)	ND	—	ND	2.7E+01	2.6E+01	2.7E+01	1.1E-01	5.1E+01	—	—
	Ba-140 (Approx. 13 days)	ND	—	ND	ND	ND	ND	ND	ND	—	—
	La-140 (Approx. 40 hours)	ND	—	ND	ND	ND	ND	ND	ND	—	—
H-3 (Approx. 12 years)		—	—	—	—	—	1.3E+03	1.3E+03	1.3E+03	—	—
All β radiations		—	—	—	—	—	7.1E+04	3.8E+01	1.3E+05	—	—

* ○.○E±○ is the same as ○.○×10±○.
* "ND" indicates that the measurement result is below the detection limit.
* Half-life of each nuclide is provided in parenthesis.
* Sampling was not conducted for ②, ⑨ and ⑩ since the equipments were suspended.