12 dec, 2014
Tokyo Electric Power Company

Nuclide analysis results of water at water treatment facility

Unit:（Bq/cm^3)

Name of Sample		① Highly concentrated contaminated water at the basement of Central Radioactive Waste Treatment Facility (Accumlated water)	② Treated water by Cesium Adsorption Apparatus	③ Highly concentrated contaminated water at the basement of High Temperature Incinerator Building (Accumlated water)	④ Treated water A by Cesium Adsorption Apparatus Ⅱ	⑤ Treated water B by Cesium Adsorption Apparatus Ⅱ	⑥ Water at inlet of water desalinations	⑦ Water at outlet of water desalinations	⑧ Concentrated Water at water desalinations	⑨ Water at outlet of evaporative concentration apparatus	⑩ Concentrated waste water at evaporative concentration apparatus
Date of Sampling		13:15 Nov 25 2014	19:31 Nov 25 2014	12:05 Nov 4 2014	11:40 Nov 4 2014	11:35 Nov 4 2014	10:00 Nov 4 2014	10:00 Nov 4 2014	10:00 Nov 4 2014	Nov, 2014 (Not sampled)	Nov, 2014 (Not sampled)
γNuclide	I-131 (Approx. 8 days)	ND	ND	ND	ND	ND	ND	ND	ND	—	—
	Cs-134 (Approx. 2 years)	6.3E+03	1.1E+00	5.2E+03	2.7E-01	ND	ND	ND	6.6E-01	—	—
	Cs-137 (Approx.30 years)	2.0E+04	3.6E+00	1.6E+04	1.2E+00	5.1E-01	2.0E+00	ND	1.5E+00	—	—
	Mn-54 (Approx. 310 days)	ND	ND	ND	2.2E-01	ND	ND	ND	ND	—	—
	Co-58 (Approx. 71 days)	ND	ND	ND	ND	ND	ND	ND	ND	—	—
	Co-60 (Approx. 5 years)	ND	1.8E-01	ND	4.2E+00	2.0E+00	2.2E+00	ND	5.8E-01	—	—
	Ru-103 (Approx. 40 days)	ND	ND	ND	ND	ND	ND	ND	ND	—	—
	Ru-106 (Approx. 370 days)	ND	3.6E-01	ND	1.0E+00	ND	ND	ND	ND	—	—
	Sb-124 (Approx. 60 days)	ND	ND	ND	ND	ND	ND	ND	ND	—	—
	Sb-125 (Approx. 3 yrs)	ND	2.8E+00	ND	6.5E+00	6.5E+00	8.2E+00	9.5E-02	8.4E+00	—	—
	Ba-140 (Approx. 13 days)	ND	ND	ND	ND	ND	ND	ND	ND	—	—
	La-140 (Approx. 40 hrs)	ND	ND	ND	ND	ND	ND	ND	ND	—	—
H-3 (approx. 12yrs)		—	—	—	—	—	3.2E+02	3.1E+02	3.1E+02	—	—
All β radiations		—	—	—	—	—	1.9E+04	1.1E+02	1.6E+04	—	—

* ○.○E±○ means same as ○.○×10±○
* "ND" indicates that the measurement result is below the detection limit.
*( ) shows half life
*⑨・⑩- Not sampled since the appratus is under suspension