Mar 4, 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 (Accumulated water)	② Treated water at Cesium Adsorpsion Apparatus	③ Highly concentrated contaminated water at the basement of High Temperature Incinerator Building (Accumulated water)	④ Treated water of System A at 2nd Cesium Adsorpsion Apparatus	⑤ Treated water of System B at 2nd Cesium Adsorpsion Apparatus	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		Feb 11, 2014 11:10 AM	February 2014 (Not sampled)	Feb 11, 2014 10:50 AM	Feb 11, 2014 10:20 AM	Feb 11, 2014 10:20 AM	Feb 11, 2014 9:30 AM	Feb 11, 2014 9:40 AM	Feb 11, 2014 9:35 AM	February 2014 (Not sampled)	February 2014 (Not sampled)
γNuclide	I-131 (Approx. 8 days)	ND	–	ND	ND	ND	ND	ND	ND	–	–
	Cs-134 (Approx. 2 years)	1.2E+04	–	6.8E+03	8.0E-01	3.3E-01	ND	ND	1.1E+00	–	–
	Cs-137 (Approx.30 years)	2.8E+04	–	1.6E+04	2.0E+00	8.5E-01	1.7E+00	ND	2.3E+00	–	–
	Mn-54 (Approx. 310 days)	ND	–	ND	1.5E-01	1.6E-01	ND	ND	ND	–	–
	Co-58 (Approx. 71 days)	ND	–	ND	ND	ND	ND	ND	ND	–	–
	Co-60 (Approx. 5 years)	ND	–	ND	2.8E+00	2.4E+00	2.1E+00	ND	4.2E+00	–	–
	Ru-103 (Approx. 40 days)	ND	–	ND	ND	ND	ND	ND	ND	–	–
	Ru-106 (Approx. 370 days)	ND	–	ND	5.2E-01	7.8E-01	ND	ND	ND	–	–
	Sb-124 (Approx. 60 days)	ND	–	ND	ND	ND	ND	ND	ND	–	–
	Sb-125 (Approx. 3 yrs)	ND	–	ND	6.8E+00	6.9E+00	7.9E+00	ND	1.3E+01	–	–
	Ba-140 (Approx. 13 days)	ND	–	ND	ND	ND	ND	ND	ND	–	–
	La-140 (Approx. 40 hrs)	ND	–	ND	ND	ND	ND	ND	ND	–	–
H-3 (approx. 12yrs)		–	–	–	–	–	4.4E+02	4.5E+02	4.5E+02	–	–
All β radiations		–	–	–	–	–	2.8E+04	8.2E-01	4.3E+04	–	–

* ○.○E±○is the same as ○.○×10$^{\pm○}$.
* "ND" indicates that the measurement result is below the detection limit.
* The half-life of each nuclide is provided in parentheses.
* As for ②, ⑨ and ⑩, sampling was not conducted since the device is under suspension.