

Nuclide analysis results of water at water treatment facility

Unit: (Bq/cm³)

Name of Sample	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	
	Highly concentrated contaminated water at the basement of Central Radioactive Waste Treatment Facility (Accumulated water)	Water treated after cesium adsorption apparatus	Highly concentrated contaminated water at the basement of High Temperature Incinerator Building (Accumulated water)	A type Water treated after 2nd cesium adsorption apparatus	B type Water treated after 2nd cesium adsorption apparatus	Water at inlet of water desalinations	Water at outlet of water desalinations	Concentrated Water at water desalinations	Water at outlet of evaporative concentration apparatus	Concentrated waste water at evaporative concentration apparatus	
Date of Sampling	12:00 Oct 7 2014	Oct, 2014 (Not sampled)	11:40 Oct 7 2014	11:20 Oct 7 2014	11:20 Oct 7 2014	10:00 Oct 7 2014	10:00 Oct 7 2014	11:10 Oct 7 2014	Oct, 2014 (Not sampled)	Oct, 2014 (Not sampled)	
γNuclide	I-131 (Approx. 8 days)	ND	—	ND	ND	ND	ND	ND	ND	—	—
	Cs-134 (Approx. 2 years)	7.4E+03	—	4.8E+03	3.7E-01	ND	ND	ND	ND	—	—
	Cs-137 (Approx. 30 years)	2.4E+04	—	1.6E+04	1.3E+00	2.8E-01	1.3E+00	ND	2.9E+00	—	—
	Mn-54 (Approx. 310 days)	ND	—	ND	2.1E-01	9.6E-02	ND	ND	ND	—	—
	Co-58 (Approx. 71 days)	ND	—	ND	ND	ND	ND	ND	ND	—	—
	Co-60 (Approx. 5 years)	ND	—	ND	3.9E+00	1.5E+00	1.3E+00	ND	1.7E+00	—	—
	Ru-103 (Approx. 40 days)	ND	—	ND	ND	ND	ND	ND	ND	—	—
	Ru-106 (Approx. 370 days)	ND	—	ND	7.3E-01	5.0E-01	3.6E+00	ND	ND	—	—
	Sb-124 (Approx. 60 days)	ND	—	ND	ND	ND	ND	ND	ND	—	—
	Sb-125 (Approx. 3 yrs)	ND	—	ND	6.1E+00	6.0E+00	6.1E+00	ND	1.4E+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)	—	—	—	—	—	2.9E+02	2.9E+02	2.8E+02	—	—	
All β radiations	—	—	—	—	—	2.3E+04	1.9E+00	4.0E+04	—	—	

O.OE—O is the same as O.O x 10-O
 * "ND" indicates that the measurement result is below the detection limit.
 * () shows half-life of radioactive substance
 * ②・⑨・⑩ not sampled, Because the apparatus is not temporarily operated