

Nuclide analysis results of water at water treatment facility

Unit: (Bq/cm³)

Samples	Highly concentrated contaminated water at the basement of Centralized Radiation Waste Treatment Facility (Accumulated water)	Treated water at Cesium adsorption apparatus	Highly concentrated contaminated water at the basement of High Temperature Incinerator Building (Accumulated water)	Treated water of System A at 2nd Cesium adsorption apparatus	Treated water of System B at 2nd Cesium adsorption apparatus	Water at inlet of water desalinations		Water at outlet of water desalinations		Water at inlet of evaporative concentration apparatus		Water at outlet of evaporative concentration apparatus		Concentrated Water at evaporative concentration apparatus			
	Date of sampling	07:40 Mar 20 2012	07:20 Mar 20 2012	07:20 Mar 20 2012	07:25 Mar 20 2012	07:25 Mar 20 2012	06:30 Feb 21 2012	07:05 Mar 20 2012	06:40 Feb 21 2012	07:15 Mar 20 2012	06:20 Feb 21 2012	09:20 Mar 20 2012	(Not sampled)	(Not sampled)	(Not sampled)	(Not sampled)	
γNuclide	I-131 (approx. 8days)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	-	-	
	Cs-134 (approx. 2yrs)	1.2E+05	1.3E+01	1.1E+05	2.4E+00	8.4E-01	9.8E+00	3.4E+00	ND	ND	9.5E+00	8.2E+00	-	-	-	-	
	Cs-137 (approx. 30yrs)	1.6E+05	1.8E+01	1.6E+05	3.8E+00	6.7E-01	1.3E+01	6.6E+00	3.3E-02	ND	1.1E+01	8.7E+00	-	-	-	-	
	Mn-54 (approx. 310days)	ND	4.3E+00	ND	2.2E+00	2.7E+00	5.5E+00	4.0E+00	ND	ND	2.8E+01	2.4E+01	-	-	-	-	
	Co-58 (approx. 71days)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	-	-	
	Co-60 (approx. 5yrs)	ND	8.3E+00	ND	3.8E+00	4.1E+00	2.8E+00	7.5E+00	ND	ND	9.4E+00	8.6E+00	-	-	-	-	
	Ru-103 (approx. 40days)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	-	-
	Ru-106 (approx. 370days)	ND	6.1E+00	ND	ND	ND	2.1E+01	1.4E+01	ND	ND	3.9E+01	3.9E+01	-	-	-	-	
	Sb-124 (approx. 60days)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	-	-
	Sb-125 (approx. 3yrs)	ND	7.2E+01	ND	2.4E+01	4.2E+01	8.1E+01	4.5E+01	4.3E-02	3.5E-02	1.1E+02	1.3E+02	-	-	-	-	
Ba-140 (approx. 13days)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	-	-	
La-140 (approx. 40hrs)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	-	-	
H-3 (approx. 12yrs)	-	-	-	-	-	-	3.2E+03	-	3.3E+03	-	4.8E+03	-	-	-	-	-	
All β radiations	-	-	-	-	-	-	1.7E+05	-	1.4E+01	-	2.4E+05	-	-	-	-	-	

* O.OE ± 0 has the same meaning as O.O × 1 0 ± 0.
 * "ND" means the sampled data is below measurable limit.
 * () means half life period of each nuclide.
 * γNuclide of - sampled on February 21 will be announced at February 29.
 * Regarding and , we conducted no sampling due to suspension of evaporative concentration apparatus.