

Nuclide Analysis Results of Water at Water Treatment Facility

Unit: (Bq/cm³)

Name of Sample		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	Concentrated Water at Water Desalinations	Water at Outlet of Evaporative Concentration Apparatus	Concentrated Waste Water at Evaporative Concentration Apparatus
Date of Sampling		May 22, 2012 6:30 AM	May 2012 (Not sampled)	May 22, 2012 6:20 AM	May 22, 2012 6:40 AM	May 22, 2012 6:40 AM	May 22, 2012 6:35 AM	May 22, 2012 6:45 AM	May 22, 2012 6:40 AM	May 2012 (Not sampled)	May 2012 (Not sampled)
γNuclide	I-131 (Approx. 8 days)	ND	-	ND	ND	ND	ND	ND	ND	-	-
	Cs-134 (Approx. 2 years)	7.1E+04	-	4.7E+04	1.5E+00	9.2E-01	1.6E+00	ND	4.8E+00	-	-
	Cs-137 (Approx.30 years)	1.0E+05	-	6.8E+04	2.3E+00	1.1E+00	2.7E+00	4.0E-02	5.0E+00	-	-
	Mn-54 (Approx. 310 days)	ND	-	ND	1.7E+00	1.5E+00	6.2E+00	6.4E-02	1.1E+01	-	-
	Co-58 (Approx. 71 days)	ND	-	ND	ND	ND	ND	ND	ND	-	-
	Co-60 (Approx. 5 years)	ND	-	ND	2.4E+00	2.9E+00	3.9E+00	ND	1.6E+00	-	-
	Ru-103 (Approx. 40 days)	ND	-	ND	ND	ND	ND	ND	ND	-	-
	Ru-106 (Approx. 370 days)	ND	-	ND	2.4E+00	2.3E+00	ND	1.1E-01	2.3E+01	-	-
	Sb-124 (Approx. 60 days)	ND	-	ND	ND	ND	ND	ND	ND	-	-
	Sb-125 (Approx. 3 yrs)	ND	-	ND	4.1E+01	4.2E+01	4.0E+01	6.1E-01	7.0E+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)		-	-	-	-	-	2.2E+03	2.5E+03	2.5E+03	-	-
All β radiations		-	-	-	-	-	8.7E+04	6.5E+02	1.9E+05	-	-

- * O.OE±O has the same meaning as O.O× 10±O.
- * "ND" means the sampled data is below measurable limit.
- * () means half life period of each nuclide.
- * Regarding , we conducted no sampling due to suspension of Cesium Adsorption Apparatus.
- * Regarding and , we conducted no sampling due to suspension of evaporative concentration apparatus.