

Nuclide Analysis Results of the Water in the Water Treatment Facility

Unit: Bq/cm³

Sample	Highly concentrated contaminated water in the basement of the Central Radioactive Waste Treatment Facility (Accumulated water)	Treated water in the Cesium Adsorption Apparatus	Highly concentrated contaminated water in the basement of the High Temperature Incinerator Building (Accumulated water)	Treated water of the 2nd Cesium Adsorption Apparatus (System A)	Treated water of the 2nd Cesium Adsorption Apparatus (System B)	Water at the entrance of desalination system	Water at the exit of desalination system	Concentrated water in the desalination system	Water at the exit of Evaporative Concentration Apparatus	Concentrated waste water in the Evaporative Concentration Apparatus	
	Date of Sampling	6:55 AM on June 19, 2012	4:00 PM on June 19, 2012	6:20 AM on June 19, 2012	6:30 AM on June 19, 2012	6:30 AM on June 19, 2012	7:30 AM on June 19, 2012	7:10 AM on June 19, 2012	7:10 AM on June 19, 2012	June 2012 (Not sampled)	June 2012 (Not sampled)
γ Nuclides	I-131 (Approx. 8 days)	ND	ND	ND	ND	ND	ND	ND	ND	-	-
	Cs-134 (Approx. 2 years)	7.3E+04	ND	3.8E+04	ND	6.3E-01	9.6E+00	3.3E-02	1.5E+01	-	-
	Cs-137 (Approx.30 years)	1.1E+05	3.4E-01	5.7E+04	4.3E-01	4.3E-01	1.3E+01	4.1E-02	2.4E+01	-	-
	Mn-54 (Approx. 310 days)	ND	6.1E-01	ND	2.5E+00	2.4E+00	2.2E+01	ND	1.1E+02	-	-
	Co-58 (Approx. 71 days)	ND	ND	ND	ND	ND	ND	ND	ND	-	-
	Co-60 (Approx. 5 years)	ND	3.1E+00	ND	3.9E+00	3.4E+00	2.2E+01	ND	5.3E+01	-	-
	Ru-103 (Approx. 40 days)	ND	ND	ND	ND	ND	ND	ND	ND	-	-
	Ru-106 (Approx. 370 days)	ND	ND	ND	6.5E+00	3.1E+00	2.3E+01	ND	1.3E+01	-	-
	Sb-124 (Approx. 60 days)	ND	ND	ND	ND	ND	ND	ND	ND	-	-
	Sb-125 (Approx. 3 years)	ND	4.2E+01	ND	3.7E+01	3.8E+01	4.7E+01	5.0E-02	9.0E+01	-	-
	Ba-140 (Approx. 13 days)	ND	ND	ND	ND	ND	ND	ND	ND	-	-
La-140 (Approx. 40 hours)	ND	ND	ND	ND	ND	ND	ND	ND	-	-	
H-3 (Approx. 12 years)	-	-	-	-	-	1.6E+03	1.6E+03	1.6E+03	-	-	
All β	-	-	-	-	-	1.1E+05	9.2E+00	2.1E+05	-	-	

* . E± means the same as . ×10± .
 * "ND" indicates that the measurement result is below the detection limit.
 * The half-life of each nuclide is provided in parenthesis.
 * and were not sampled since the Evaporative Concentration Apparatus was under suspension.