6-Jul-11

Nuclide Analysis Results of Sub-drain Water in the Surroundings of "Centralized Radiation Waste Treatment Facility"

I-131(Bq/cm^3)

Sampling point	After transfer																				
	6/19	6/20	6/21	6/22	6/23	6/24	6/25	6/26	6/27	6/28	6/29	6/30	7/1	7/2	7/3	7/4	7/5				
①	0.009	ND	ND	0.011	ND	ND	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
②	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
③	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
④	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
⑤	0.006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
⑥	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND	-				
⑦	0.014	0.017	0.019	ND	ND	ND	ND	ND	ND	0.017	ND	ND	ND	ND	ND	ND	ND				
⑧	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				

Cs-134(Bq/cm^3)

Sampling point	After transfer																				
	6/19	6/20	6/21	6/22	6/23	6/24	6/25	6/26	6/27	6/28	6/29	6/30	7/1	7/2	7/3	7/4	7/5				
①	0.022	ND	ND	0.035	0.021	0.022	0.028	ND	ND	ND	0.014	ND	ND	0.036	ND	ND	ND				
②	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.008	ND	ND	ND	ND	ND	ND				
③	ND	ND	ND	0.039	ND	ND	0.022	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.13				
④	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
⑤	0.079	0.076	0.034	0.024	0.034	0.042	0.057	0.11	0.041	0.083	0.028	0.03	0.085	0.034	0.056	0.051	0.077				
⑥	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	0.039	-				
⑦	0.21	0.28	0.42	0.34	0.48	0.53	0.54	0.27	0.36	0.38	0.4	0.32	0.22	0.46	0.2	0.21	0.14				
⑧	0.025	0.027	0.065	0.025	0.048	0.036	0.052	0.037	0.03	0.035	ND	0.035	ND	0.06	ND	ND	ND				

Cs-137(Bq/cm^3)

Sampling point	After transfer																				
	6/19	6/20	6/21	6/22	6/23	6/24	6/25	6/26	6/27	6/28	6/29	6/30	7/1	7/2	7/3	7/4	7/5				
①	0.018	ND	ND	0.054	0.021	0.027	0.029	ND	0.021	ND	0.024	0.023	ND	0.05	ND	ND	ND				
②	ND	ND	ND	ND	ND	0.008	0.007	0.02	ND	ND	ND	ND	ND	ND	ND	ND	ND				
③	ND	ND	ND	0.047	ND	ND	0.02	ND	ND	0.024	0.02	ND	ND	ND	ND	ND	0.13				
④	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
⑤	0.084	0.085	0.039	0.042	0.041	0.056	0.077	0.11	0.054	0.075	0.054	0.044	0.098	ND	0.067	0.031	0.094				
⑥	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	0.045	-				
⑦	0.24	0.32	0.44	0.34	0.51	0.57	0.61	0.32	0.4	0.41	0.47	0.37	0.3	0.51	0.25	0.26	0.26				
⑧	0.025	ND	0.077	0.034	0.061	0.047	0.053	0.032	0.034	0.027	0.035	0.039	0.038	0.039	ND	ND	ND				

* Hyphen "-" indicates that neither sampling nor measurements were implemented.
* Sampling at Southwest part of the On-site Bunker Building (⑥) was conducted as upstream of the groundwater once a week from April 29 since it was unable to sample at Southwest of the Process Main Building (④
* In this analysis, "ND" means that the results fall bellow the measurable threshold. (I-131: approx. 0.02Bq/cm3, Cs-134: approx. 0.03Bq/cm3, and Cs-137: approx. 0.04Bq/cm3) (as of July 5). Please note that these nuclides are sometimes detected even when they are below the threshold, contingent on the detector or samples.

* Additional sampling at ⑦ was conducted since it is located at the downstream of the groundwater.
* We have been sampling at ⑧ since May 30.

<Place of sampling>
①Southeast part of Unit 4 Turbine Building
②Northeast part of Process Main Building
③Southeast part of Process Main Building
④Southwest part of Process Main Building
⑤South part of Miscellaneous Solid Waste Volume Reduction Treatment Building
⑥Southwest part of On-site Bunker Building
⑦West part of Incineration Workshop Building
⑧North part of Miscellaneous Solid Waste Volume Reduction Treatment Building