

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

I-131(Bq/cm<sup>3</sup>)

Sampling point	After transfer																				
	Nov 20	Nov 21	Nov 22	Nov 23	Nov 24	Nov 25	Nov 26	Nov 27	Nov 28	Nov 29	Nov 30	Dec 01	Dec 02	Dec 03	Dec 04	Dec 05	Dec 06				
①	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
⑥	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND	-				
⑦	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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				
⑨	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				

Cs-134(Bq/cm<sup>3</sup>)

Sampling point	After transfer																				
	Nov 20	Nov 21	Nov 22	Nov 23	Nov 24	Nov 25	Nov 26	Nov 27	Nov 28	Nov 29	Nov 30	Dec 01	Dec 02	Dec 03	Dec 04	Dec 05	Dec 06				
①	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.022	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	0.074	0.024	ND				
④	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
⑤	ND	0.031	ND	ND	ND	0.026	0.029	0.025	0.044	ND	ND	0.034	ND	ND	ND	0.028	ND				
⑥	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND	-				
⑦	0.25	0.1	0.15	0.22	0.14	0.12	0.12	0.26	0.12	0.26	0.11	0.16	0.21	0.22	0.084	0.1	0.099				
⑧	0.029	0.036	0.047	0.03	0.037	0.032	0.023	0.045	ND	0.037	0.026	0.027	ND	0.025	0.024	ND	ND				
⑨	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				

Cs-137(Bq/cm<sup>3</sup>)

Sampling point	After transfer																				
	Nov 20	Nov 21	Nov 22	Nov 23	Nov 24	Nov 25	Nov 26	Nov 27	Nov 28	Nov 29	Nov 30	Dec 01	Dec 02	Dec 03	Dec 04	Dec 05	Dec 06				
①	ND	ND	ND	ND	ND	ND	ND	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	0.11	0.036	ND				
④	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
⑤	ND	0.037	ND	ND	0.048	0.039	ND	0.041	0.044	0.028	0.027	0.042	0.028	0.031	ND	0.029	ND				
⑥	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND	-				
⑦	0.32	0.13	0.18	0.27	0.17	0.12	0.16	0.29	0.16	0.31	0.12	0.19	0.24	0.27	0.13	0.13	0.12				
⑧	0.028	0.038	0.057	0.035	0.058	0.041	0.036	0.034	0.052	ND	0.035	0.051	0.047	ND	ND	ND	0.029				
⑨	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				

\* Hyphen "-" indicates that neither sampling nor measurements were implemented.

\* ⑥ was conducted as upstream of the groundwater once a week from April 29 since it was unable to sample at ④.

\* We have been sampling at ⑦ since May 26, for it is located downstream of the groundwater.

\* We have been sampling at ⑧ since May 30.

\* We have been sampling at ⑨ since August 2.

\* "ND" means the sampled data is below measurable limit.

I-131: approx. 0.01Bq/cm<sup>3</sup>, Cs-134: approx. 0.03Bq/cm<sup>3</sup>, Cs-137: approx. 0.03Bq/cm<sup>3</sup> (12/6)

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

&lt;Places of measurement&gt;

① Southeast part of Unit 4 Turbine Building

② Northeast part of Process Main Building

③ Southeast part of Process Main Building

④ Southwest part of Process Main Building

⑤ South part of Miscellaneous Solid Waste Volume

Reduction Treatment Building

⑥ Southwest part of On-site Bunker Building

⑦ West part of Incineration Workshop Building

⑧ North part of Miscellaneous Solid Waste Volume

Reduction Treatment Building

⑨ Southeast part of On-site Bunker Building