Nov 25, 2011

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																				
	Nov 06	Nov 07	Nov 08	Nov 09	Nov 10	Nov 11	Nov 12	Nov 13	Nov 14	Nov 15	Nov 16	Nov 17	Nov 18	Nov 19	Nov 20	Nov 21	Nov 22	Nov 23	Nov 24		
①	ND	ND	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	ND	ND		
③	ND	ND	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	ND	ND		
⑥	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND	-	-	-		
⑦	ND	ND	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	ND	ND		
⑨	ND	ND	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																				
	Nov 06	Nov 07	Nov 08	Nov 09	Nov 10	Nov 11	Nov 12	Nov 13	Nov 14	Nov 15	Nov 16	Nov 17	Nov 18	Nov 19	Nov 20	Nov 21	Nov 22	Nov 23	Nov 24		
①	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.025	0.036	0.038	0.03	ND	ND	ND	ND	ND	ND		
②	ND	ND	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	ND	ND		
④	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
⑤	ND	ND	ND	0.027	ND	ND	ND	ND	ND	0.029	ND	ND	ND	ND	ND	0.031	ND	ND	ND		
⑥	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND	-	-	-		
⑦	0.32	0.15	0.2	0.18	0.16	0.19	0.1	0.13	0.17	0.22	0.13	0.11	0.28	0.15	0.25	0.1	0.15	0.22	0.14		
⑧	0.027	0.023	0.031	0.03	0.026	0.034	0.042	0.023	0.036	0.027	ND	0.031	0.045	0.032	0.029	0.036	0.047	0.03	0.037		
⑨	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		

Cs-137(Bq/cm^3)

Sampling point	After transfer																				
	Nov 06	Nov 07	Nov 08	Nov 09	Nov 10	Nov 11	Nov 12	Nov 13	Nov 14	Nov 15	Nov 16	Nov 17	Nov 18	Nov 19	Nov 20	Nov 21	Nov 22	Nov 23	Nov 24		
①	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.04	ND	0.047	0.046	ND	ND	ND	ND	ND	ND		
②	ND	ND	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	ND	ND		
④	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
⑤	ND	0.031	ND	0.04	ND	0.035	0.029	ND	ND	0.046	ND	ND	0.028	ND	ND	0.037	ND	ND	0.048		
⑥	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND	-	-	-		
⑦	0.43	0.19	0.26	0.28	0.2	0.21	0.14	0.15	0.21	0.25	0.16	0.11	0.33	0.19	0.32	0.13	0.18	0.27	0.17		
⑧	0.032	0.029	0.036	0.03	ND	0.029	0.041	0.046	0.047	0.031	0.028	0.054	0.032	0.059	0.028	0.038	0.057	0.035	0.058		
⑨	ND	ND	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 at④.
* 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/cm3, Cs-134: approx. 0.02Bq/cm3, Cs-137: approx. 0.02Bq/cm3 (11/24)
  Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

<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
⑨Southeast part of On-site Bunker Building