Sep 26, 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																				
	Sep 11	Sep 12	Sep 13	Sep 14	Sep 15	Sep 16	Sep 17	Sep 18	Sep 19	Sep 20	Sep 21	Sep 22	Sep 23	Sep 24	Sep 25						
①	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						
③	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						
⑥	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-						
⑦	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						
⑨	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						

Cs-134(Bq/cm^3)

Sampling point	After transfer																				
	Sep 11	Sep 12	Sep 13	Sep 14	Sep 15	Sep 16	Sep 17	Sep 18	Sep 19	Sep 20	Sep 21	Sep 22	Sep 23	Sep 24	Sep 25						
①	0.11	ND	0.038	0.053	0.029	0.12	0.043	ND	0.045	0.038	0.041	0.16	0.1	0.12	0.13						
②	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						
④	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
⑤	ND	ND	ND	0.032	ND	0.028	ND	ND	ND	ND	ND	ND	0.031	0.028	0.03						
⑥	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-						
⑦	0.25	0.16	0.22	0.25	0.18	0.21	0.29	0.23	0.26	0.19	0.25	0.32	0.31	0.46	0.35						
⑧	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.51	0.46	0.4	0.37						
⑨	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						

Cs-137(Bq/cm^3)

Sampling point	After transfer																				
	Sep 11	Sep 12	Sep 13	Sep 14	Sep 15	Sep 16	Sep 17	Sep 18	Sep 19	Sep 20	Sep 21	Sep 22	Sep 23	Sep 24	Sep 25						
①	0.15	ND	0.054	0.063	ND	0.16	0.054	ND	0.06	0.053	0.037	0.16	0.12	0.18	0.11						
②	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.031	ND	ND	ND	ND	ND						
③	ND	ND	ND	ND	ND	0.052	ND	ND	ND	ND	ND	ND	ND	ND	ND						
④	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
⑤	ND	ND	ND	0.029	0.038	0.041	ND	ND	0.042	ND	ND	0.045	0.055	ND	0.029						
⑥	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-						
⑦	0.3	0.21	0.31	0.28	0.2	0.26	0.31	0.27	0.29	0.21	0.29	0.36	0.4	0.53	0.41						
⑧	ND	ND	0.03	ND	ND	ND	ND	ND	ND	ND	ND	0.54	0.58	0.47	0.43						
⑨	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. 0.02Bq/cm3, Cs-134: approx. 0.03Bq/cm3, Cs-137: approx. 0.03Bq/cm3).
  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