Dec 27, 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															
	Dec 11	Dec 12	Dec 13	Dec 14	Dec 15	Dec 16	Dec 17	Dec 18	Dec 19	Dec 20	Dec 21	Dec 22	Dec 23	Dec 24	Dec 25	Dec 26
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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															
	Dec 11	Dec 12	Dec 13	Dec 14	Dec 15	Dec 16	Dec 17	Dec 18	Dec 19	Dec 20	Dec 21	Dec 22	Dec 23	Dec 24	Dec 25	Dec 26
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	0.032	0.029	ND	0.026	ND	0.033	ND	0.026	0.038	0.022	ND	0.026	0.036	ND	0.034	ND
	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND
	0.17	0.16	0.17	0.11	0.13	0.18	0.083	0.13	0.22	0.09	0.088	0.17	0.057	0.22	0.16	0.11
	ND	ND	0.031	ND	ND	ND	ND	ND	0.032	0.023	0.03	ND	ND	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															
	Dec 11	Dec 12	Dec 13	Dec 14	Dec 15	Dec 16	Dec 17	Dec 18	Dec 19	Dec 20	Dec 21	Dec 22	Dec 23	Dec 24	Dec 25	Dec 26
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	0.041	0.041	0.031	0.04	0.031	ND	ND	0.028	ND	0.026	0.034	0.035	ND	ND	ND	0.032
	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND
	0.24	0.19	0.21	0.18	0.14	0.21	0.1	0.16	0.31	0.14	0.09	0.22	0.08	0.3	0.2	0.16
	ND	ND	0.034	0.043	0.036	ND	ND	ND	0.03	ND	0.025	ND	ND	ND	0.033	0.027
	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.
*   was conducted as upstream of the groundwater once a week from April 29 since it was unable to sample at   .
* We have been sampling at   since May 26, for it is located downstream of the groundwater.
* We have been sampling at   since May 30.
* We have been sampling at   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. 0.03Bq/cm3   12/26
  Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

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