Oct 27, 2012

Nuclides Analysis Result of the Sub-drain Water in the Surroundings of the Central Radioactive Waste Treatment Facility

I-131(Bq/cm^3)

Sampling Location	After transfer																			
	Oct 7	Oct 8	Oct 9	Oct 10	Oct 11	Oct 12	Oct 13	Oct 14	Oct 15	Oct 16	Oct 17	Oct 18	Oct 19	Oct 20	Oct 21	Oct 22	Oct 23	Oct 24	Oct 25	Oct 26
①	ND	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	ND
③	ND	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	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	ND
⑧	ND	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	ND

Cs-134(Bq/cm^3)

Sampling Location																				
	Oct 7	Oct 8	Oct 9	Oct 10	Oct 11	Oct 12	Oct 13	Oct 14	Oct 15	Oct 16	Oct 17	Oct 18	Oct 19	Oct 20	Oct 21	Oct 22	Oct 23	Oct 24	Oct 25	Oct 26
①	ND	ND	ND	ND	ND	ND	ND	ND	0.033	ND	ND	ND	0.022	ND	0.018	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	ND
③	ND	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	ND
⑥	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND	-	-	-	-
⑦	0.17	0.16	0.074	0.13	0.068	0.11	0.19	0.14	0.12	0.11	0.05	0.11	0.052	0.13	0.11	0.14	0.074	0.14	0.098	0.099
⑧	0.039	0.028	0.02	0.031	0.017	ND	ND	ND	0.036	0.029	0.027	0.052	0.045	0.044	0.029	0.04	ND	ND	ND	0.03
⑨	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 Location																				
	Oct 7	Oct 8	Oct 9	Oct 10	Oct 11	Oct 12	Oct 13	Oct 14	Oct 15	Oct 16	Oct 17	Oct 18	Oct 19	Oct 20	Oct 21	Oct 22	Oct 23	Oct 24	Oct 25	Oct 26
①	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.023	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	ND
③	ND	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	ND
⑥	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND	-	-	-	-
⑦	0.26	0.25	0.12	0.2	0.1	0.18	0.31	0.21	0.18	0.18	0.075	0.2	0.098	0.23	0.2	0.19	0.099	0.23	0.17	0.14
⑧	0.065	0.051	0.025	0.041	0.046	0.03	0.024	0.027	0.026	0.051	0.054	0.067	0.076	0.069	0.046	0.04	0.028	0.022	ND	0.043
⑨	ND	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 measurement was implemented.
* ⑥ was selected as a sampling location in the upstream of groundwater (sampling done once a week starting from April 29, 2011) since it became unable to do sampling at ④.
* Sampling at ⑦ (located in the downstream of the groundwater) has been done since May 26, 2011.
* Samping at ⑧ since May 30, 2011
* Sampling at ⑨ has been done since August 2, 2011
* "ND" indicates that the measurement result is below the detection limit.
  I-131: Approx. 0.01Bq/cm^3, Cs-134: Approx.0.02Bq/cm^3, Cs-137: Approx.0.02Bq/cm^3 (October 26, 2012)
  As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

<Place of Sampling>
① Southeast of Unit 4 Turbine Building
② Northeast of the Process Main Building
③ Southeast of the Process Main Building
④ Southwest of the Process Main Building
⑤ South Part of the Miscellaneous Solid Waste Volume Reduction Treatment Building
⑥ Southwest Part of the On-site Bunker Building
⑦ West Side of the Incineration Workshop Building
⑧ North Part of the Miscellaneous Solid Waste Volume Reduction Treatment Building
⑨ Southeast Part of the On-site Bunker Building