Jun 7, 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																				
	May 20	May 21	May 22	May 23	May 24	May 25	May 26	May 27	May 28	May 29	May 30	May 31	Jun 1	Jun 2	Jun 3	Jun 4	Jun 5	Jun 6			
①	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			
③	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			
⑥	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND	-	-			
⑦	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			
⑨	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	After transfer																				
	May 20	May 21	May 22	May 23	May 24	May 25	May 26	May 27	May 28	May 29	May 30	May 31	Jun 1	Jun 2	Jun 3	Jun 4	Jun 5	Jun 6			
①	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			
③	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			
⑥	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND	-	-			
⑦	0.13	0.12	0.12	0.19	0.23	0.16	0.14	0.13	0.13	0.14	0.16	0.13	0.13	0.12	0.13	0.14	0.1	0.11			
⑧	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			

Cs-137(Bq/cm^3)

Sampling Location	After transfer																				
	May 20	May 21	May 22	May 23	May 24	May 25	May 26	May 27	May 28	May 29	May 30	May 31	Jun 1	Jun 2	Jun 3	Jun 4	Jun 5	Jun 6			
①	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			
③	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			
⑥	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND	-	-			
⑦	0.18	0.21	0.2	0.26	0.32	0.25	0.21	0.21	0.2	0.22	0.19	0.2	0.21	0.18	0.19	0.18	0.16	0.18			
⑧	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			

* 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 (June 6, 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