Sep 10, 2012 Nuclides Analysis Result of the Sub-drain Water in the Surroundings of the Central Radioactive Waste Treatment Facility

I-131(Bq/cm³)

1	After tra	After transfer																	
			Aug 28	Aug 29	Aug 30	Aug 31	Sep 1	Sep 2	Sep 3	Sep 4	Sep 5	Sep 6	Sep 7	Sep 8	Sep 9				
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	-	-	-	-	-	-				
\overline{O}	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/cm³)

Sampling																		
Location	Aug 26	Aug 27	Aug 28	Aug 29	Aug 30	Aug 31	Sep 1	Sep 2	Sep 3	Sep 4	Sep 5	Sep 6	Sep 7	Sep 8	Sep 9			
1	ND	ND	ND	ND	0.023	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	-	-	-	-	-	-			
\bigcirc	0.12	0.12	0.13	0.16	0.15	0.14	0.13	0.15	0.14	0.14	0.2	0.18	0.15	0.17	0.18			
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-137(Bq/cm³)

Sampling																		
Location	Aug 26	Aug 27	Aug 28	Aug 29	Aug 30	Aug 31	Sep 1	Sep 2	Sep 3	Sep 4	Sep 5	Sep 6	Sep 7	Sep 8	Sep 9			
1	ND	ND	ND	ND	0.043	ND	ND	ND	ND	ND	0.023	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	-	-	-	-	-	-			
\bigcirc	0.23	0.21	0.23	0.26	0.22	0.23	0.23	0.2	0.24	0.23	0.33	0.28	0.25	0.27	0.28			
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			

* 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 $\overline{\mathcal{O}}$ (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/cm³, Cs-134: Approx.0.02Bq/cm³, Cs-137: Approx.0.02Bq/cm³ (September 9, 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
- (4) Southwest of the Process Main Building
 (5) South Part of the Miscellaneous Solid Waste Volume Reduction Treatment Building
- 6 South 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