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

I-131(Bq/cm³)

Sampling																			
Location	Feb 16	Feb 17	Feb 18	Feb 19	Feb 20	Feb 21	Feb 22	Feb 23	Feb 24	Feb 25	Feb 26	Feb 27	Feb 28	Mar 01	Mar 02	Mar 03			
1	ND																		
2	ND																		
3	ND																		
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
5	ND																		
6	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND			
7	ND																		
8	ND																		
9	ND																		

Cs-134(Bq/cm³)

Sampling	Feb 16 Feb 17 Feb 18 Feb 19 Feb 20 Feb 21 Feb 22 Feb 23 Feb 24 Feb 25 Feb 26 Feb 27 Feb 28 Mar 01 Mar 02 Mar 03																		
Location	Feb 16	Feb 17	Feb 18	Feb 19	Feb 20	Feb 21	Feb 22	Feb 23	Feb 24	Feb 25	Feb 26	Feb 27	Feb 28	Mar 01	Mar 02	Mar 03			
1	0.046	0.022	ND	0.018	ND														
2	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			
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
6	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND			
7	0.053	0.054	0.048	0.031	0.036	0.059	0.041	0.041	0.033	0.04	0.033	0.042	0.041	0.029	0.031	0.029			
8	0.024	ND																	
9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			

Cs-137(Bq/cm³)

Sampling																			
Location	Feb 16	Feb 17	Feb 18	Feb 19	Feb 20	Feb 21	Feb 22	Feb 23	Feb 24	Feb 25	Feb 26	Feb 27	Feb 28	Mar 01	Mar 02	Mar 03			
1	0.12	0.12	0.054	0.039	0.025	0.026	0.027	ND	0.022	ND									
2	ND																		
3	ND																		
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
5	ND																		
6	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND			
Ō	0.15	0.13	0.12	0.1	0.1	0.13	0.11	0.11	0.093	0.11	0.098	0.11	0.12	0.1	0.092	0.087			
8	0.073	0.028	ND																
9	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 ① (located in the downstream of the groundwater) has been done since May 26, 2011.
- * Samping at ® 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. 0.009Bq/cm³, Cs-134: Approx. 0.01Bq/cm³, Cs-137: Approx. 0.02Bq/cm³ (March 3, 2014)

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
- 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
- West Side of the Incineration Workshop Building
- North Part of the Miscellaneous Solid Waste Volume Reduction Treatment Building
- Southeast Part of the On-site Bunker Building