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

I-131(Bq/cm³)

Sampling	After tra	nsfer																
Location	Nov 25	Nov 26	Nov 27	Nov 28	Nov 29	Nov 30	Dec 1	Dec 2	Dec 3	Dec 4	Dec 5	Dec 6	Dec 7	Dec 8	Dec 9			
	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/cm³)

Sampling																			
Location	Nov 25	Nov 26	Nov 27	Nov 28	Nov 29	Nov 30	Dec 1	Dec 2	Dec 3	Dec 4	Dec 5	Dec 6	Dec 7	Dec 8	Dec 9				
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.028				
	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	-	-	-	-	-	-				
	0.12	0.13	0.1	0.12	0.097	0.091	0.1	0.11	0.1	0.12	0.083	0.089	0.094	0.064	0.11				
	ND	0.017	ND	ND	ND	0.016	ND												
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				

Cs-137(Bq/cm³)

Sampling																			
Location	Nov 25	Nov 26	Nov 27	Nov 28	Nov 29	Nov 30	Dec 1	Dec 2	Dec 3	Dec 4	Dec 5	Dec 6	Dec 7	Dec 8	Dec 9				
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.037				
	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	-	-	-	-	-	-				
	0.19	0.21	0.18	0.18	0.19	0.17	0.18	0.18	0.18	0.18	0.13	0.19	0.19	0.12	0.2				
	0.022	0.025	ND	ND	0.025	0.029	0.028	ND	ND	ND	0.03	ND	0.028	0.022	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.

I-131: Approx. 0.01Bq/cm³, Cs-134: Approx.0.02Bq/cm³, Cs-137: Approx.0.02Bq/cm³ (December 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>

Southeast of Unit 4 Turbine Building

Northeast of the Process Main Building

Southeast of the Process Main Building

Southwest of the Process Main Building

South Part of the Miscellaneous Solid Waste Volume Reduction Treatment Building 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

^{*} 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

^{*} Sampling at (located in the downstream of the groundwater) has been done since May 26, 2011.

^{*} Samping at since May 30, 2011

^{*} Sampling at has been done since August 2, 2011

^{* &}quot;ND" indicates that the measurement result is below the detection limit.