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

I-131(Bq/cm³)

Sampling Location	After transfer																		
	Nov 11	Nov 12	Nov 13	Nov 14	Nov 15	Nov 16	Nov 17	Nov 18	Nov 19	Nov 20	Nov 21	Nov 22	Nov 23	Nov 24	Nov 25	Nov 26			
	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	ND	ND	ND	ND	ND	ND	ND	ND			

Cs-134(Bq/cm³)

Sampling																			
Location	Nov 11	Nov 12	Nov 13	Nov 14	Nov 15	Nov 16	Nov 17	Nov 18	Nov 19	Nov 20	Nov 21	Nov 22	Nov 23	Nov 24	Nov 25	Nov 26			
	ND																		
	ND																		
	ND																		
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	ND																		
	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND			
	0.11	0.1	0.12	0.12	0.12	0.079	0.11	0.052	0.12	0.097	0.11	0.053	0.11	0.063	0.12	0.13			
	ND	ND	ND	ND	ND	0.022	ND	0.021	ND	0.017									
	ND																		

Cs-137(Bq/cm³)

Sampling																			
Location	Nov 11	Nov 12	Nov 13	Nov 14	Nov 15	Nov 16	Nov 17	Nov 18	Nov 19	Nov 20	Nov 21	Nov 22	Nov 23	Nov 24	Nov 25	Nov 26			
	ND	0.031	0.035	ND	0.022	ND	ND	ND											
	ND																		
	ND																		
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	ND																		
	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND			
	0.21	0.15	0.21	0.2	0.2	0.15	0.18	0.12	0.21	0.16	0.19	0.088	0.18	0.081	0.19	0.21			
	ND	ND	ND	0.024	0.027	0.033	ND	0.026	ND	0.022	ND	ND	ND	0.024	0.022	0.025			
	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 (November 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>

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.