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																		
			Oct 23	Oct 24	Oct 25	Oct 26	Oct 27	Oct 28	Oct 29	Oct 30	Oct 31	Nov 1	Nov 2	Nov 3	Nov 4				
	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)

03 10-1(1	55-104(DQCIII)																		
Sampling																			
Location	Oct 21	Oct 22	Oct 23	Oct 24	Oct 25	Oct 26	Oct 27	Oct 28	Oct 29	Oct 30	Oct 31	Nov 1	Nov 2	Nov 3	Nov 4				
	0.018	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	-	-	-	-	-	-				
	0.11	0.14	0.074	0.14	0.098	0.099	0.07	0.15	0.12	0.14	0.14	0.12	0.12	0.15	0.12				
	0.029	0.04	ND	ND	ND	0.03	0.033	0.036	ND	0.028	ND	0.018	0.028	ND	ND				
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				

Cs-137(Bg/cm³)

Sampling																			
Location		Oct 22	Oct 23	Oct 24	Oct 25	Oct 26	Oct 27	Oct 28	Oct 29	Oct 30	Oct 31	Nov 1	Nov 2	Nov 3	Nov 4				
	0.023					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	-	-	-	-	-	-				
	0.2	0.19	0.099	0.23	0.17	0.14	0.11	0.22	0.21	0.2	0.23	0.22	0.21	0.24	0.19				
	0.046	0.04	0.028	0.022	ND	0.043	0.051	0.045	ND	0.036	0.037	0.027	0.05	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.

I-131: Approx. 0.01Bq/cm³, Cs-134: Approx.0.02Bq/cm³, Cs-137: Approx.0.02Bq/cm³ (November 4, 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.