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																		
	Sep 16	Sep 17	Sep 18	Sep 19	Sep 20	Sep 21	Sep 22	Sep 23	Sep 24	Sep 25	Sep 26	Sep 27	Sep 28	Sep 29	Sep 30				
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	-	-	-	-	-	-				
Ø	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	Sep 16	Sep 17	Sep 18	Sep 19	Sep 20	Sep 21	Sep 22	Sep 23	Sep 24	Sep 25	Sep 26	Sep 27	Sep 28	Sep 29	Sep 30			
1	ND																	
2	ND																	
3	ND																	
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
5	ND																	
6	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-			
\bigcirc	0.15	0.17	0.17	0.14	0.15	0.14	0.17	0.17	0.24	0.18	0.16	0.2	0.16	0.18	0.12			
8	ND	ND	ND	0.018	ND													
9	ND																	

Cs-137(Bq/cm³)

Sampling Location	Sep 16 Sep 17 Sep 18 Sep 19 Sep 20 Sep 21 Sep 22 Sep 23 Sep 24 Sep 25 Sep 26 Sep 27 Sep 28 Sep 29 Sep 30																		
	Sep 16	Sep 17	Sep 18	Sep 19	Sep 20	Sep 21	Sep 22	Sep 23	Sep 24	Sep 25	Sep 26	Sep 27	Sep 28	Sep 29	Sep 30				
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	w	ND										
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			[
5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
6	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-				
Ø	0.23	0.28	0.24	0.24	0.25	0.24	0.27	0.24	0.38	0.32	0.24	0.31	0.24	0.27	0.2				
8	ND	ND	ND	0.032	ND	ND	ND	ND	ND	ND	0.023	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 ⑦ (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 30, 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

 $(\bar{\mathbb{5}})$ South Part of the Miscellaneous Solid Waste Volume Reduction Treatment Building

6 Southwest Part of the On-site Bunker Building

7 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