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

I-131(Bq/cm3)

I-131(Bq	/cm³)																		
	After tra	nsfer																	
Location	Apr 21	Apr 22	Apr 23	Apr 24	Apr 25	Apr 26	Apr 27	Apr 28	Apr 29	Apr 30	May 1	May 2	May 3	May 4	May 5				
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			l	
3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		1	1	
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		I	Ι	
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(E	3a/cm ³)																		
Sampling	/																		
-	Apr 21	Apr 22	Apr 23	Apr 24	Apr 25	Apr 26	Apr 27	Apr 28	Apr 29	Apr 30	May 1	May 2	May 3	May 4	May 5				
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	 	1	1	
<u>(</u>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	 	1		
5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	 	1		
6	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	 	†	†	
7	0.056	0.069	0.056	0.041	0.039	0.06	0.052	0.065	0.067	0.033	0.02	0.054	0.064	0.056	0.059	 	†	†	
8	ND	ND	ND	ND	ND	ND	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-137(E	$Pa(am^3)$																		
Ì	эч/спт)																		
Sampling Location	Δnr 21	Δnr 22	Apr 23	Anr 24	Apr 25	Apr 26	Apr 27	Anr 28	Anr 20	Apr 30	May 1	May 2	May 3	May 4	May 5				
(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	 	<u> </u>	<u> </u>	
4			-													 	<u> </u>	 	 <u> </u>
5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	 	<u>+</u>	<u>+</u>	 <u> </u>
6		ND		-					ND	-						 	<u> </u>	<u> </u>	
0	0.12	0.12	0.13	0.1	0.089	0.1	0.1	0.13	0.12	0.077	0.056	0.12	0.13	0.093	0.14	 	<u> </u>	 	
<i>v</i> 8	0.12 ND	0.12 ND	ND	ND	0.003 ND	ND	ND	ND	ND	ND	0.000 ND	ND	ND	0.033 ND	ND	 	<u> </u>	<u> </u>	
9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	 	<u>+</u>	<u> </u>	 <u> </u>
9	IND	IND	UVI	שא	IND	UVI	IND	UNI	UNI	שא	IND	IND	שא	UVI	UVI				

* 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 (May 5, 2013)

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

(5) South Part of the Miscellaneous Solid Waste Volume Reduction Treatment Building

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

(9) Southeast Part of the On-site Bunker Building

May 6, 2013