Apr 30, 2013 Nuclides Analysis Result of the Sub-drain Water in the Surroundings of the Central Radioactive Waste Treatment Facility

I-131(Bq/cm3)

l-131(Bq	/cm³)																			
Sumpling	After tra																			
Location	Apr 14	Apr 15	Apr 16	Apr 17	Apr 18	Apr 19	Apr 20	Apr 21	Apr 22	Apr 23	Apr 24	Apr 25	Apr 26	Apr 27	Apr 28	Apr 29				
1	ND	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	ND				
3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ĺ	I		
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ĺ			
5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		1		
6	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND		1		
7	ND	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	ND	 	1		
9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	 	1		
e_134/	3q/cm ³)																			
	Jy/ciii)																			
Sampling Location	Δnr 14	Apr 15	Apr 16	Apr 17	Δnr 18	Anr 10	Apr 20	Apr 21	Apr 22	Anr 23	Apr 24	Apr 25	Apr 26	Apr 27	Δnr 28	Anr 29			<u> </u>	[
1	ND	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	ND	 			
3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	 	+	<u> </u>	
3 (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	 			
5		ND		ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	 	+	<u> </u>	
6 7	- 0.08	0.049	0.051	-	-	-	-	- 0.056		- 0.056	-	0.039	-	-	- 0.065		 			
			•••••••	0.074	0.04	0.04	0.037		0.069		0.041		0.06	0.052		0.067	 			
8	ND	ND	ND	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	ND	<u> </u>	<u> </u>		
Cs-137(E	3q/cm ³)																			
Sampling				1	1	1	1	1					1	1						
ocation	Apr 14		Apr 16	Apr 17	Apr 18	Apr 19	Apr 20		Apr 22		Apr 24	Apr 25		Apr 27	Apr 28	Apr 29				
1	ND	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	ND	 		_	
3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	 			
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	 ļ			
5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
6	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND				
\bigcirc	0.15	0.075	0.12	0.12	0.091	0.092	0.084	0.12	0.12	0.13	0.1	0.089	0.1	0.1	0.13	0.12		[
8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	 ſ	Τ	[

* 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 (April 29, 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
- 6 Southwest Part of the On-site Bunker Building
- O 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