## Aug 16, 2013 Nuclides Analysis Result of the Sub-drain Water in the Surroundings of the Central Radioactive Waste Treatment Facility

I-131(Bq/cm3)

ocation	Jul 28	Jul 29	Jul 30	Jul 31	Aug 1	Aug 2	Aug 3	Aug 4	Aug 5	Aug 6	Aug 7	Aug 8	Aug 9	Aua 10	Aug 11	Aua 12	Aua 13	Aua 14	Aua 15	
1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Ŭ	ND	ND	ND	ND	ND	ND	
2	ND	ND	ND	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	ND	ND	ND	 
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	 
5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	 
6	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND	-	-	-	
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8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
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ocation	Jul 28	Jul 29	Jul 30	Jul 31	Aug 1	Aug 2	Aug 3	Aug 4	Aug 5	Aug 6	Aug 7	Aug 8	•	•	Aug 11	, i	•	•	•	
ocation	Jul 28 ND	Jul 29 ND	Jul 30 ND	ND	Aug 1 ND	Aug 2 ND	Aug 3 ND	Aug 4 ND	Aug 5 ND	Aug 6 ND	Aug 7 ND	Aug 8 ND	•	Aug 10 ND	Aug 11 ND	Aug 12 ND	ND	•	ND	
ocation				ND ND	ND ND	•	•	-		-	ND ND		ND	ND ND	•	, i	ND ND	•	•	 
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.ocation   1   2   3   4   5   6   7	ND ND - ND - 0.095	ND ND - ND 0.096	ND ND - ND - 0.045	ND ND - ND - 0.12	ND ND ND - ND - 0.023	ND ND ND - ND - 0.088	ND ND ND - ND - 0.092	ND ND ND - ND - 0.1	ND ND ND - - ND 0.061	ND ND ND - ND - 0.045	ND ND ND - ND - 0.071	ND ND ND - ND - 0.079	ND ND ND - ND - 0.068	ND ND ND - ND - 0.037	ND ND ND - ND - 0.058	ND ND ND - ND 0.051	ND ND ND - ND - 0.063	ND ND ND - ND - 0.087	ND ND ND - ND - 0.044	
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Sampling																				
Location	Jul 28	Jul 29	Jul 30	Jul 31	Aug 1	Aug 2	Aug 3	Aug 4	Aug 5	Aug 6	Aug 7	Aug 8	Aug 9	Aug 10	Aug 11	Aug 12	Aug 13	Aug 14	Aug 15	
1	ND	ND	ND	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	ND	ND	ND	
3	ND	ND	ND	ND	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	ND	ND	ND	ND	
6	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND	-	-	-	
$\bigcirc$	0.22	0.24	0.13	0.19	0.08	0.21	0.2	0.24	0.14	0.077	0.16	0.17	0.13	0.084	0.15	0.12	0.13	0.19	0.094	
8	ND	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	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/cm<sup>3</sup>, Cs-134: Approx.0.02Bq/cm<sup>3</sup>, Cs-137: Approx.0.02Bq/cm<sup>3</sup> (August 15, 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

⑦ West Side of the Incineration Workshop Building

(8) North Part of the Miscellaneous Solid Waste Volume Reduction Treatment Building

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