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

I-131(Bg/cm<sup>3</sup>)

Sampling	After tra	Insfer																		
Location	Apr 28	Apr 29	Apr 30	May 1	May 2	May 3	May 4	May 5	May 6	May 7	May 8	May 9	May 10	May 11	May 12	May 13	May 14	May 15		
1	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		
3	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		
6	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND	-	-		
7	ND	ND	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	ND	ND		
9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
		Apr 29	Apr 30	May 1	May 2	May 3	May 4	May 5	May 6	May 7	May 8	May 9	May 10	May 11	May 12	May 13	May 14	May 15		
		Apr 29	Apr 30	May 1	May 2	May 3	May 4	May 5	May 6	May 7	May 8	May 9	May 10	May 11	May 12	May 13	May 14	May 15		
		Apr 29 ND	Apr 30 ND	May 1 ND	May 2 ND	May 3 ND	May 4 ND	May 5 ND	May 6 ND	May 7 ND	May 8 ND	May 9 ND		May 11 ND	May 12 ND	May 13 ND	May 14 ND	May 15 ND		
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1 2 3 4 5	Apr 28 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 - 0.067	ND ND ND	ND ND ND - ND	ND ND ND	ND ND ND	ND ND ND -	ND ND ND	ND ND ND		
2 3 4 5 6 7	Apr 28 ND ND - - - - - - - - - - - - - - - - -	ND ND ND ND ND 0.067 ND	ND ND ND - ND - 0.033 ND	ND ND ND - ND - 0.02 ND	ND ND ND - ND - 0.054 ND	ND ND ND - ND - 0.064 ND	ND ND ND - ND - 0.056 ND	ND ND ND - ND - 0.059 ND	ND ND ND ND ND 0.044 ND	ND ND ND - ND - 0.04 ND	ND ND ND - ND - 0.067 ND	ND ND ND - - 0.0666 ND	ND ND ND - ND - 0.024 ND	ND ND ND - ND - 0.052 ND	ND ND ND - ND - 0.057 ND	ND ND ND ND ND 0.056 ND	ND ND ND - ND - 0.023 ND	ND ND ND - ND - 0.032 ND		
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1   2   3   4   5   6   7   8   9	Apr 28 ND ND - - - - - - - - - - - - - - - - -	ND ND ND ND ND 0.067 ND	ND ND ND - ND - 0.033 ND	ND ND ND - ND - 0.02 ND	ND ND ND - ND - 0.054 ND	ND ND ND - ND - 0.064 ND	ND ND ND - ND - 0.056 ND	ND ND ND - ND - 0.059 ND	ND ND ND ND ND 0.044 ND	ND ND ND - ND - 0.04 ND	ND ND ND - ND - 0.067 ND	ND ND ND - - 0.0666 ND	ND ND ND - ND - 0.024 ND	ND ND ND - ND - 0.052 ND	ND ND ND - ND - 0.057 ND	ND ND ND ND ND 0.056 ND	ND ND ND - ND - 0.023 ND	ND ND ND - ND - 0.032 ND		
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3 ND 4 (5) ND 6 ND ND ND  $\bigcirc$ 0.13 0.12 0.077 0.056 0.12 0.13 0.093 0.14 0.062 0.09 0.1 0.15 0.069 0.1 0.13 0.11 0.06 0.1 (8) ND 9 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> (May 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