Nov 17, 2013 Nuclides Analysis Result of the Sub-drain Water in the Surroundings of the Central Radioactive Waste Treatment Facility

I-131(Bq/cm3)

Location Oct 27 Oct 28 Oct 30 Oct 31 Nov 01 Nov 02 Nov 05 Nov 05 Nov 01 Nov 11 Nov 12 Nov 13 Nov 14 Nov 15 Nov 15 Nov 11 Nov 12 Nov 13 Nov 14 Nov 15 Nov 16 Nov 15 Nov 16 Nov 15 Nov 16 Nov 15 Nov 16 Nov 15 Nov 15 Nov 15 Nov 15 Nov 15 Nov 16 Nov 1	I-131(Bq	/cm³)																				
OC 27 OC 28 OC 28 <th< td=""><td>Sampling</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>	Sampling																					
ND ND<	Location	Oct 27	Oct 28	Oct 29	Oct 30	Oct 31	Nov 01	Nov 02	Nov 03	Nov 04	Nov 05	Nov 06	Nov 07	Nov 08	Nov 09	Nov 10	Nov 11	Nov 12	Nov 13	Nov 14	Nov 15	Nov 1
ND ND<		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N
Image: No.		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N
Image: brow of the state of the st		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N
Image: brow of the state of the st		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ND ND<		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N
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	N
Cs-134(Bq/cm ³) Sampling		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N
Sampling Location Sampling Decation Sampling Cont 27 Oct 28 Oct 29 Oct 30 Oct 31 Nov 01 Nov 02 Nov 05 Nov 06 Nov 07 Nov 08 Nov 10 Nov 10 Nov 13 Nov 14 Nov 14 Nov 15 Nov 14 ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N
Sampling Location Sampling Decation Sampling Cont 27 Oct 28 Oct 29 Oct 30 Oct 31 Nov 01 Nov 02 Nov 05 Nov 06 Nov 07 Nov 08 Nov 10 Nov 10 Nov 13 Nov 14 Nov 14 Nov 15 Nov 14 ND	Cs-134(E	3q/cm ³)																				
Location Oct 27 Oct 28 Oct 29 Oct 30 Oct 31 Nov 10 Nov 20 Nov 06 Nov 06 Nov 07 Nov 08 Nov 09 Nov 10 Nov 11 Nov 13 Nov 14 Nov 14 Nov 16 Nov 16 Nov 09 Nov 08 Nov 09 Nov 08 Nov 09 Nov 01 Nov 10 Nov 14 Nov 14 Nov 14 Nov 16 Nov 1		. ,																				
ND ND<	Location	Oct 27	Oct 28	Oct 29	Oct 30	Oct 31	Nov 01	Nov 02	Nov 03	Nov 04	Nov 05	Nov 06	Nov 07	Nov 08	Nov 09	Nov 10	Nov 11	Nov 12	Nov 13	Nov 14	Nov 15	Nov 16
ND ND<		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N
Image: Normal and the second		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N
Image: branch in the synthesize intervale synthere in the synthesynthesis is a synthesynthesize i		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N
Image: branch in the synthesize intervale synthere in the synthesynthesis is a synthesynthesize i		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
0.043 0.032 0.055 0.046 0.033 0.042 0.055 0.041 0.048 0.044 0.04 0.051 0.037 0.051 0.037 0.025 0.053 0.033 0.043 0.04 0.045 0.055 0.039 0.041 0.042 0.03 0.025 0.025 0.022 0.03 0.023 0.016 0.02 0.023 ND		0.041	0.048	0.033	0.025	0.032	0.019	ND	0.018	0.016	0.016	0.019	0.025	0.015	0.02	ND	ND	0.021	ND	0.015	ND	NE
0.045 0.055 0.039 0.041 0.042 0.03 0.025 0.025 0.022 0.03 0.023 0.016 0.02 0.023 ND ND </td <td>-</td> <td>ND</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>ND</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>ND</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td></td>		-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND	-	-	-	-	
ND ND<		0.043	0.032	0.055	0.046	0.033	0.042	0.055	0.041	0.048	0.044	0.04	0.051	0.037	0.054	0.051	0.037	0.025	0.053	0.035	0.043	0.04
CS-137(Bq/cm ³) Sampling Location Oct 27 Oct 28 Oct 29 Oct 30 Oct 31 Nov 01 Nov 02 Nov 03 Nov 04 Nov 05 Nov 06 Nov 07 Nov 08 Nov 09 Nov 10 Nov 11 Nov 12 Nov 13 Nov 14 Nov 15 Nov 14 Location Oct 27 Oct 28 Oct 29 Oct 30 Oct 31 Nov 01 ND		0.045	0.055	0.039	0.041	0.042	0.03	0.028	0.025	0.025	0.022	0.03	0.023	0.016	0.02	0.023	ND	ND	ND	0.023	ND	NE
Sampling		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE
Sampling	Cs-137(E	3q/cm ³)																				
Oct 27 Oct 28 Oct 29 Oct 38 Oct 38 Oct 38 Oct 38 Oct 08 Not 08<	Sampling																					
ND ND<	Location	Oct 27	Oct 28	Oct 29	Oct 30	Oct 31	Nov 01	Nov 02	Nov 03	Nov 04	Nov 05	Nov 06	Nov 07	Nov 08	Nov 09	Nov 10	Nov 11	Nov 12	Nov 13	Nov 14	Nov 15	Nov 16
ND ND<		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N
ND ND<		ND		ND	ND	ND	ND	ND		ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	NE
ND ND Image: Constraint of the text of tex of text of tex of tex of text of tex of text of te		ND		ND	ND	ND	ND	ND		ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	NE
ND ND Image: Constraint of the text of tex of text of tex of tex of text of tex of text of te		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
0.081 0.085 0.09 0.12 0.075 0.12 0.13 0.086 0.12 0.11 0.12 0.072 0.12 0.086 0.11 0.099 0.099 0.019 0.11 0.08 0.12 0.11 0.1 0.01 0.01 0.01 0.01 0.012 0.013 0.015 0.046 0.013 0.046 0.035 0.014 <td< td=""><td>0.074</td><td>0.076</td><td>0.074</td><td>0.052</td><td>0.066</td><td>0.044</td><td>0.06</td><td>0.058</td><td>0.048</td><td>0.053</td><td>0.045</td><td>0.04</td><td>0.027</td><td>0.044</td><td>ND</td><td>ND</td><td>0.039</td><td>0.037</td><td>0.031</td><td>ND</td><td>N</td></td<>		0.074	0.076	0.074	0.052	0.066	0.044	0.06	0.058	0.048	0.053	0.045	0.04	0.027	0.044	ND	ND	0.039	0.037	0.031	ND	N
0.12 0.11 0.1 0.091 0.082 0.073 0.08 0.063 0.066 0.052 0.072 0.051 0.053 0.043 0.05 0.046 0.053 0.047 0.046 0.035 0.047		-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND	-	-	-	-	
		0.081	0.085	0.09	0.12	0.075	0.12	0.13	0.086	0.12	0.1	0.11	0.12	0.072	0.12	0.086	0.11	0.081	0.099	0.099	0.11	0.08
ND N		0.12	0.11	0.1	0.091	0.082	0.073	0.08	0.063	0.066	0.052	0.072	0.051	0.053	0.043	0.05	0.046	0.053	0.047	0.046	0.035	0.02
		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N

* Hyphen "-" indicates that neither sampling nor measurement was implemented.

* 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

* Sampling at (located in the downstream of the groundwater) has been done since May 26, 2011.

* Samping at since May 30, 2011

* Sampling at has been done since August 2, 2011

* "ND" indicates that the measurement result is below the detection limit.

I-131: Approx. 0.008Bq/cm³, Cs-134: Approx.0.02Bq/cm³, Cs-137: Approx.0.02Bq/cm³ (November 16, 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> Southeast of Unit 4 Turbine Building Northeast of the Process Main Building Southeast of the Process Main Building Southwest of the Process Main Building South Part of the Miscellaneous Solid Waste Volume Reduction Treatment Building Southwest Part of the On-site Bunker Building 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