## Nuclide Analysis Results of Sub-drain Water in the Surroundings of "Centralized Radiation Waste Treatment Facility"

## I-131(Bq/cm<sup>3</sup>)

	After tra	After transfer																	
			Aug 23	Aug 24	Aug 25	Aug 26	Aug 27	Aug 28	Aug 29	Aug 30	Aug 31	Sep 01	Sep 02	Sep 03	Sep 04				
	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	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	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				

## Cs-134(Ba/cm<sup>3</sup>)

After tra	ifter transfer																			
Aug 21	Aug 22	Aug 23	Aug 24	Aug 25	Aug 26	Aug 27	Aug 28	Aug 29	Aug 30	Aug 31	Sep 01	Sep 02	Sep 03	Sep 04						
ND	ND	ND	ND	ND	ND	0.056	0.03	ND	ND	0.065	0.051	ND	0.051	0.052						
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
0.23	0.054	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	-	-	-	-	-	-						
0.38	0.24	0.31	0.27	0.31	0.14	0.36	0.23	0.2	0.2	0.18	0.061	0.17	0.37	0.21						
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						
	Aug 21  ND  ND  0.23  -  ND  0.38  ND	After transfer Aug 21 Aug 22 ND ND ND 0.23 0.054	After transfer  Aug 21 Aug 22 Aug 23  ND ND ND  ND ND  0.23 0.054 ND   ND ND ND  0.38 0.24 0.31  ND ND	After transfer           Aug 21         Aug 22         Aug 23         Aug 24           ND         ND         ND         ND           ND         ND         ND         ND           0.23         0.054         ND         ND           ND         ND         ND         ND           ND         ND         ND         ND           0.38         0.24         0.31         0.27           ND         ND         ND         ND	After transfer           Aug 21         Aug 22         Aug 23         Aug 24         Aug 25           ND         ND         ND         ND         ND           ND         ND         ND         ND         ND           0.23         0.054         ND         ND         ND           ND         ND         ND         ND         ND           ND         ND         ND         ND         ND           0.38         0.24         0.31         0.27         0.31           ND         ND         ND         ND         ND	After transfer           Aug 21         Aug 22         Aug 23         Aug 24         Aug 25         Aug 26           ND         ND         ND         ND         ND         ND           ND         ND         ND         ND         ND         ND           0.23         0.054         ND         ND         ND         ND         ND           ND         ND         ND         ND         ND         ND           ND         ND         ND         ND         ND         ND           0.38         0.24         0.31         0.27         0.31         0.14           ND         ND         ND         ND         ND         ND	After transfer           Aug 21         Aug 22         Aug 23         Aug 24         Aug 25         Aug 26         Aug 27           ND         ND         ND         ND         ND         ND         0.056           ND         ND         ND         ND         ND         ND         ND           0.23         0.054         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	After transfer           Aug 21 Aug 22 Aug 23 Aug 24 Aug 25 Aug 26 Aug 27 Aug 28           ND         ND         ND         ND         ND         ND         0.056         0.03           ND         ND         ND         ND         ND         ND         ND         ND           0.23         0.054         ND         ND         ND         ND         ND         ND         ND           ND         ND         ND         ND         ND         ND         ND         ND         ND	After transfer           Aug 21         Aug 22         Aug 23         Aug 24         Aug 25         Aug 26         Aug 26         Aug 27         Aug 28         Aug 29           ND         N	After transfer           Aug 21         Aug 22         Aug 23         Aug 24         Aug 25         Aug 26         Aug 27         Aug 28         Aug 29         Aug 30           ND         ND         ND         ND         ND         0.056         0.03         ND         ND           ND         ND         ND         ND         ND         ND         ND         ND         ND           0.23         0.054         ND         ND	After transfer           Aug 21         Aug 22         Aug 23         Aug 24         Aug 25         Aug 26         Aug 27         Aug 28         Aug 29         Aug 30         Aug 31           ND         ND         ND         ND         ND         ND         0.056         0.03         ND         ND         ND         0.065           ND         ND	After transfer           Aug 21         Aug 22         Aug 23         Aug 24         Aug 25         Aug 26         Aug 27         Aug 28         Aug 29         Aug 30         Aug 31         Sep 01           ND         ND         ND         ND         ND         0.056         0.03         ND         ND         0.065         0.051           ND         ND	After transfer           Aug 21 Aug 22 Aug 23 Aug 24 Aug 25 Aug 26 Aug 26 Aug 27 Aug 28 Aug 29 Aug 30 Aug 31 Sep 01 Sep 02           ND         ND         ND         ND         ND         0.056 O.03 ND         ND         0.065 O.051 ND           ND	After transfer           Aug 21         Aug 22         Aug 23         Aug 24         Aug 25         Aug 26         Aug 27         Aug 28         Aug 29         Aug 30         Aug 31         Sep 01         Sep 02         Sep 03           ND         ND         ND         ND         ND         0.056         0.03         ND         ND         0.065         0.051         ND         0.051           ND         ND	After transfer           Aug 21         Aug 22         Aug 23         Aug 24         Aug 25         Aug 26         Aug 27         Aug 28         Aug 29         Aug 30         Aug 31         Sep 01         Sep 02         Sep 03         Sep 04           ND         ND         ND         ND         ND         0.056         0.03         ND         ND         0.065         0.051         ND         0.052         0.052           ND         ND </td <td>After transfer  Aug 21   Aug 22   Aug 23   Aug 24   Aug 25   Aug 26   Aug 27   Aug 28   Aug 29   Aug 30   Aug 31   Sep 01   Sep 02   Sep 03   Sep 04    ND   ND   ND   ND   ND   ND   ND   N</td> <td>After transfer  Aug 21   Aug 22   Aug 23   Aug 24   Aug 25   Aug 26   Aug 27   Aug 28   Aug 29   Aug 30   Aug 31   Sep 01   Sep 02   Sep 03   Sep 04    ND   ND   ND   ND   ND   ND   ND   N</td> <td>After transfer  Aug 21   Aug 22   Aug 23   Aug 24   Aug 25   Aug 26   Aug 27   Aug 28   Aug 29   Aug 30   Aug 31   Sep 01   Sep 02   Sep 03   Sep 04    ND   ND   ND   ND   ND   ND   ND   N</td> <td>After transfer  Aug 21   Aug 22   Aug 23   Aug 24   Aug 25   Aug 26   Aug 27   Aug 28   Aug 29   Aug 30   Aug 31   Sep 01   Sep 02   Sep 03   Sep 04  </td> <td>After transfer  Aug 21   Aug 22   Aug 23   Aug 24   Aug 25   Aug 26   Aug 27   Aug 28   Aug 29   Aug 30   Aug 31   Sep 01   Sep 02   Sep 03   Sep 04                                    </td>	After transfer  Aug 21   Aug 22   Aug 23   Aug 24   Aug 25   Aug 26   Aug 27   Aug 28   Aug 29   Aug 30   Aug 31   Sep 01   Sep 02   Sep 03   Sep 04    ND   ND   ND   ND   ND   ND   ND   N	After transfer  Aug 21   Aug 22   Aug 23   Aug 24   Aug 25   Aug 26   Aug 27   Aug 28   Aug 29   Aug 30   Aug 31   Sep 01   Sep 02   Sep 03   Sep 04    ND   ND   ND   ND   ND   ND   ND   N	After transfer  Aug 21   Aug 22   Aug 23   Aug 24   Aug 25   Aug 26   Aug 27   Aug 28   Aug 29   Aug 30   Aug 31   Sep 01   Sep 02   Sep 03   Sep 04    ND   ND   ND   ND   ND   ND   ND   N	After transfer  Aug 21   Aug 22   Aug 23   Aug 24   Aug 25   Aug 26   Aug 27   Aug 28   Aug 29   Aug 30   Aug 31   Sep 01   Sep 02   Sep 03   Sep 04	After transfer  Aug 21   Aug 22   Aug 23   Aug 24   Aug 25   Aug 26   Aug 27   Aug 28   Aug 29   Aug 30   Aug 31   Sep 01   Sep 02   Sep 03   Sep 04

## Cs-137(Bq/cm<sup>3</sup>)

	After tra	After transfer																	
	Aug 21	Aug 22	Aug 23	Aug 24	Aug 25	Aug 26	Aug 27	Aug 28	Aug 29	Aug 30	Aug 31	Sep 01	Sep 02	Sep 03	Sep 04				
	ND	ND	ND	ND	ND	ND	0.063	0.041	ND	ND	0.073	0.075	ND	0.091	0.085				
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	0.25	0.097	ND	0.046	ND	ND													
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	ND	ND	ND	ND	ND	0.041	ND												
	-	ND	-	-	-	-	-	-	ND	-	-	-	-	-	-				
	0.38	0.3	0.37	0.29	0.38	0.16	0.41	0.24	0.24	0.21	0.25	0.12	0.17	0.47	0.24				
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.034				
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				

- \* Hyphen "-" indicates that neither sampling nor measurements were implemented.
- \* was conducted as upstream of the groundwater once a week from April 29 since it was unable to sample at
- \* We have been sampling at since May 26, for it is located downstream of the groundwater
- \* We have been sampling at since May 30.
- \* We have been sampling at since August 2.
- \* "ND" means the sampled data is below measurable limit. I-131: approx. 0.02Bq/cm3,

Cs-134: approx. 0.03Bq/cm3, Cs-137: approx. 0.04Bq/cm3 (9/4)

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

<Place of sampling>

Southeast part of Unit 4 Turbine Building Northeast part of Process Main Building

Southeast part of Process Main Building Southwest part of Process Main Building

South part of Miscellaneous Solid Waste Volume Reduction

Freatment Building

Southwest part of On-site Bunker Building

West part of Incineration Workshop Building

North part of Miscellaneous Solid Waste Volume Reduction

Treatment Building

Southeast part of On-site Bunker Building