

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

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

| Sampling point | After transfer |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|----------------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                | Oct 16         | Oct 17 | Oct 18 | Oct 19 | Oct 20 | Oct 21 | Oct 22 | Oct 23 | Oct 24 | Oct 25 | Oct 26 | Oct 27 | Oct 28 | Oct 29 | Oct 30 | Oct 31 | Nov 01 | Nov 02 | Nov 03 |
|                | 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     | 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(Bq/cm<sup>3</sup>)

| Sampling point | After transfer |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|----------------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                | Oct 16         | Oct 17 | Oct 18 | Oct 19 | Oct 20 | Oct 21 | Oct 22 | Oct 23 | Oct 24 | Oct 25 | Oct 26 | Oct 27 | Oct 28 | Oct 29 | Oct 30 | Oct 31 | Nov 01 | Nov 02 | Nov 03 |
|                | ND             | ND     | ND     | ND     | 0.075  | ND     | 0.093  | ND     | ND     | ND     | ND     | 0.063  | 0.027  | 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             | 0.021  | ND     | 0.024  | 0.034  | ND     | 0.047  | ND     | ND     | 0.026  | ND     | 0.03   | ND     | ND     | 0.034  | ND     | ND     | 0.028  | ND     |
|                | -              | ND     | -      | -      | -      | -      | -      | -      | ND     | -      | -      | -      | -      | -      | -      | ND     | -      | -      | -      |
|                | 0.22           | 0.36   | 0.44   | 0.19   | 0.21   | 0.23   | 0.19   | 0.37   | 0.19   | 0.27   | 0.48   | 0.22   | 0.35   | 0.13   | 0.44   | 0.19   | 0.28   | 0.18   | 0.25   |
|                | ND             | 0.032  | ND     | 0.073  | 0.042  | ND     | 0.026  | ND     | ND     | 0.026  | ND     | ND     | ND     | ND     | ND     | 0.025  | ND     | 0.027  | 0.036  |
|                | ND             | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |

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

| Sampling point | After transfer |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|----------------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                | Oct 16         | Oct 17 | Oct 18 | Oct 19 | Oct 20 | Oct 21 | Oct 22 | Oct 23 | Oct 24 | Oct 25 | Oct 26 | Oct 27 | Oct 28 | Oct 29 | Oct 30 | Oct 31 | Nov 01 | Nov 02 | Nov 03 |
|                | ND             | 0.036  | 0.028  | ND     | 0.082  | ND     | 0.12   | ND     | ND     | ND     | ND     | 0.082  | 0.042  | 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             | 0.029  | 0.035  | 0.039  | ND     | 0.035  | 0.041  | ND     | 0.028  | 0.024  | ND     | 0.03   | 0.032  | 0.051  | 0.026  | ND     | ND     | ND     | ND     |
|                | -              | ND     | -      | -      | -      | -      | -      | -      | ND     | -      | -      | -      | -      | -      | -      | ND     | -      | -      | -      |
|                | 0.3            | 0.44   | 0.55   | 0.21   | 0.25   | 0.27   | 0.24   | 0.46   | 0.25   | 0.33   | 0.6    | 0.23   | 0.48   | 0.2    | 0.52   | 0.25   | 0.37   | 0.24   | 0.29   |
|                | ND             | 0.024  | ND     | 0.094  | 0.035  | 0.035  | 0.037  | ND     | ND     | ND     | ND     | 0.032  | ND     | 0.04   | 0.043  | 0.03   | ND     | 0.052  | 0.036  |
|                | 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 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/cm<sup>3</sup>, Cs-134: approx. 0.03Bq/cm<sup>3</sup>, Cs-137: approx. 0.03Bq/cm<sup>3</sup> ( 11/3 )  
 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 Treatment 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