

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 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |     |     |     |     |
|----------------|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|
|                | 7/17           | 7/18 | 7/19 | 7/20 | 7/21 | 7/22 | 7/23 | 7/24 | 7/25 | 7/26 | 7/27 | 7/28 | 7/29 | 7/30 | 7/31 | 8/1 | 8/2 | 8/3 | 8/4 | 8/5 |
|                | ND             | ND   | ND   | ND   | ND   | ND   | ND   | ND   | ND   | ND   | ND   | ND   | ND   | ND   | ND   | ND  | ND  | ND  | ND  | ND  |
|                | ND             | ND   | ND   | ND   | ND   | ND   | ND   | ND   | ND   | ND   | ND   | ND   | ND   | ND   | ND   | ND  | ND  | ND  | ND  | ND  |
|                | ND             | ND   | ND   | ND   | ND   | ND   | ND   | ND   | ND   | ND   | ND   | ND   | ND   | ND   | ND   | ND  | ND  | ND  | ND  | ND  |
|                | -              | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -   | -   | -   | -   | -   |
|                | ND             | ND   | ND   | ND   | ND   | ND   | ND   | ND   | ND   | ND   | ND   | ND   | ND   | ND   | ND   | ND  | ND  | ND  | ND  | ND  |
|                | -              | ND   | -    | -    | -    | -    | -    | -    | ND   | -    | -    | -    | -    | -    | -    | ND  | -   | -   | -   | -   |
|                | ND             | ND   | ND   | ND   | ND   | ND   | ND   | ND   | ND   | ND   | ND   | ND   | ND   | ND   | ND   | ND  | ND  | ND  | ND  | ND  |
|                | 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 |       |       |       |      |       |      |      |      |       |       |       |       |       |       |      |       |       |       |       |
|----------------|----------------|-------|-------|-------|------|-------|------|------|------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|
|                | 7/17           | 7/18  | 7/19  | 7/20  | 7/21 | 7/22  | 7/23 | 7/24 | 7/25 | 7/26  | 7/27  | 7/28  | 7/29  | 7/30  | 7/31  | 8/1  | 8/2   | 8/3   | 8/4   | 8/5   |
|                | ND             | ND    | ND    | ND    | 0.17 | 0.12  | 0.13 | ND   | ND   | ND    | 0.067 | 0.027 | 0.096 | 0.095 | 0.068 | ND   | 0.037 | 0.035 | 0.042 | ND    |
|                | ND             | ND    | ND    | ND    | ND   | ND    | ND   | ND   | ND   | ND    | ND    | ND    | ND    | ND    | ND    | ND   | ND    | ND    | ND    | ND    |
|                | 0.052          | ND    | ND    | ND    | ND   | ND    | ND   | ND   | ND   | ND    | ND    | ND    | ND    | ND    | ND    | ND   | ND    | ND    | ND    | ND    |
|                | -              | -     | -     | -     | -    | -     | -    | -    | -    | -     | -     | -     | -     | -     | -     | -    | -     | -     | -     | -     |
|                | 0.045          | 0.044 | 0.027 | ND    | ND   | ND    | ND   | ND   | ND   | 0.036 | 0.046 | ND    | ND    | ND    | 0.031 | ND   | 0.056 | 0.055 | ND    | 0.053 |
|                | -              | ND    | -     | -     | -    | -     | -    | -    | -    | ND    | -     | -     | -     | -     | -     | ND   | -     | -     | -     | -     |
|                | 0.24           | 0.33  | 0.27  | 0.24  | 0.31 | 0.43  | 0.48 | 0.4  | 0.27 | 0.21  | 0.25  | 0.37  | 0.31  | 0.22  | 0.29  | 0.26 | 0.35  | 0.46  | 0.58  | 0.21  |
|                | 0.028          | ND    | ND    | 0.038 | 0.16 | 0.068 | ND   | ND   | ND   | ND    | ND    | 0.044 | ND    | ND    | ND    | ND   | ND    | 0.029 | ND    | ND    |
|                | -              | -     | -     | -     | -    | -     | -    | -    | -    | -     | -     | -     | -     | -     | -     | -    | ND    | ND    | ND    | ND    |

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

| Sampling point | After transfer |       |       |       |      |       |      |       |      |       |       |       |       |       |       |      |       |       |       |       |
|----------------|----------------|-------|-------|-------|------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|
|                | 7/17           | 7/18  | 7/19  | 7/20  | 7/21 | 7/22  | 7/23 | 7/24  | 7/25 | 7/26  | 7/27  | 7/28  | 7/29  | 7/30  | 7/31  | 8/1  | 8/2   | 8/3   | 8/4   | 8/5   |
|                | ND             | ND    | ND    | ND    | 0.17 | 0.13  | 0.13 | 0.046 | ND   | ND    | 0.081 | ND    | 0.099 | 0.094 | 0.085 | ND   | 0.035 | 0.032 | 0.048 | ND    |
|                | ND             | ND    | ND    | ND    | ND   | ND    | ND   | ND    | ND   | ND    | ND    | ND    | ND    | ND    | ND    | ND   | ND    | ND    | ND    | ND    |
|                | 0.054          | ND    | ND    | ND    | 0.04 | ND    | ND   | ND    | ND   | ND    | ND    | ND    | ND    | ND    | ND    | ND   | ND    | ND    | ND    | ND    |
|                | -              | -     | -     | -     | -    | -     | -    | -     | -    | -     | -     | -     | -     | -     | -     | -    | -     | -     | -     | -     |
|                | 0.034          | 0.039 | ND    | ND    | ND   | 0.029 | ND   | ND    | ND   | 0.038 | ND    | 0.037 | ND    | ND    | ND    | ND   | 0.056 | 0.053 | ND    | 0.064 |
|                | -              | ND    | -     | -     | -    | -     | -    | -     | -    | ND    | -     | -     | -     | -     | -     | ND   | -     | -     | -     | -     |
|                | 0.31           | 0.37  | 0.3   | 0.24  | 0.33 | 0.48  | 0.5  | 0.43  | 0.34 | 0.26  | 0.31  | 0.39  | 0.34  | 0.26  | 0.33  | 0.25 | 0.41  | 0.51  | 0.69  | 0.24  |
|                | ND             | ND    | 0.063 | 0.036 | 0.16 | 0.087 | ND   | ND    | ND   | ND    | ND    | 0.039 | ND    | 0.029 | 0.04  | ND   | ND    | ND    | 0.029 | 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 .  
 \* In this analysis, "ND" means that the results fall below the measurable threshold.  
 (I-131: approx. 0.02Bq/cm<sup>3</sup>, Cs-134: approx. 0.03Bq/cm<sup>3</sup>, and Cs-137: approx. 0.04Bq/cm<sup>3</sup>)  
 (as of August 3).  
 Please note that these nuclides are sometimes detected even when they are below the threshold, contingent on the detector or samples.  
 \* 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.

<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