

Nuclide Analysis Results of Radioactive Materials in Seawater <Offshore of Ibaraki Prefecture>

Reference

(Data summarized on January 17)

| Place of Sampling | 3 km offshore of Takadokobama shore Upper Layer | | 3 km offshore of Takadokobama shore Lower Layer | | 3 km offshore of Kujihama shore Upper Layer | | 3 km offshore of Kujihama shore Lower Layer | | 3 km offshore of Oarai shore Upper Layer | | 3 km offshore of Oarai shore Lower Layer | | Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2) |
|-------------------------------|---|----------------------|---|----------------------|---|----------------------|---|----------------------|--|----------------------|--|----------------------|--|
| Time of Sampling | Jan. 11, 2012 8:05 AM | | Jan. 11, 2012 8:02 AM | | Jan. 12, 2012 8:51 AM | | Jan. 12, 2012 8:49 AM | | Jan. 12, 2012 8:16 AM | | Jan. 12, 2012 8:14 AM | | |
| Detected Nuclides (Half-life) | Density of Sample (Bq/L) | Scaling Factor (/) | Density of Sample (Bq/L) | Scaling Factor (/) | Density of Sample (Bq/L) | Scaling Factor (/) | Density of Sample (Bq/L) | Scaling Factor (/) | Density of Sample (Bq/L) | Scaling Factor (/) | Density of Sample (Bq/L) | Scaling Factor (/) | |
| I-131 (about 8 days) | ND | - | ND | - | ND | - | ND | - | ND | - | ND | - | |
| Cs-134 (about 2 years) | ND | - | ND | - | ND | - | ND | - | ND | - | ND | - | 60 |
| Cs-137 (about 30 years) | ND | - | ND | - | ND | - | ND | - | ND | - | ND | - | 90 |

| Place of Sampling | 3 km offshore of Hirai shore Upper Layer | | 3 km offshore of Hirai shore Lower Layer | | 3 km offshore of Hasaki shore Upper Layer | | 3 km offshore of Hasaki shore Lower Layer | | / | | / | | Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2) |
|-------------------------------|--|----------------------|--|----------------------|---|----------------------|---|----------------------|--------------------------|----------------------|--------------------------|----------------------|--|
| Time of Sampling | Jan. 12, 2012 1:20 PM | | Jan. 12, 2012 1:18 PM | | Jan. 10, 2012 2:34 PM | | Jan. 10, 2012 2:32 PM | | / | | / | | |
| Detected Nuclides (Half-life) | Density of Sample (Bq/L) | Scaling Factor (/) | Density of Sample (Bq/L) | Scaling Factor (/) | Density of Sample (Bq/L) | Scaling Factor (/) | Density of Sample (Bq/L) | Scaling Factor (/) | Density of Sample (Bq/L) | Scaling Factor (/) | Density of Sample (Bq/L) | Scaling Factor (/) | |
| I-131 (about 8 days) | ND | - | ND | - | ND | - | ND | - | / | / | / | / | |
| Cs-134 (about 2 years) | ND | - | ND | - | ND | - | ND | - | / | / | / | / | 60 |
| Cs-137 (about 30 years) | ND | - | ND | - | ND | - | ND | - | / | / | / | / | 90 |

* Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm³ to Bq/L.

* Data of other nuclides are under evaluation.

* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

* "ND" means the sampled data is below measurable limit.

I-131: approx. 1.1Bq/L, Cs-134: approx. 1.4Bq/L, Cs-137: approx. 1.4Bq/L

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