

Reference

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

(Data summarized on May 22)

| Place of Sampling (No.) | 3 km offshore of Takadokobama shore (T-A) | | | | 3 km offshore of Kujihama shore (T-B) | | | | 3 km offshore of Oarai shore (T-C) | | | | 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) |
|----------------------------------|---|-------------------------|-----------------------------|-------------------------|---------------------------------------|-------------------------|-----------------------------|-------------------------|------------------------------------|-------------------------|-----------------------------|-------------------------|--|
| | Upper Layer | | Lower Layer | | Upper Layer | | Lower Layer | | Upper Layer | | Lower Layer | | |
| Time of Sampling | May 15, 2012 9:54 AM | | May 15, 2012 9:52 AM | | May 17, 2012 8:25 AM | | May 17, 2012 8:27 AM | | May 17, 2012 8:18 AM | | May 17, 2012 8:15 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 (approx. 8 days) | ND | - | ND | - | ND | - | ND | - | ND | - | ND | - | 40 |
| Cs-134 (approx. 2 years) | ND | - | ND | - | ND | - | ND | - | ND | - | ND | - | 60 |
| Cs-137 (approx. 30 years) | ND | - | ND | - | ND | - | ND | - | ND | - | ND | - | 90 |

| Place of Sampling (No.) | 3 km offshore of Hirai shore (T-D) | | | | 3 km offshore of Hasaki shore (T-E) | | | | 3 km offshore of Isohama shore (T-Z) | | | | 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) |
|----------------------------------|------------------------------------|-------------------------|-----------------------------|-------------------------|-------------------------------------|-------------------------|-----------------------------|-------------------------|--------------------------------------|-------------------------|-----------------------------|-------------------------|--|
| | Upper Layer | | Lower Layer | | Upper Layer | | Lower Layer | | Upper Layer | | Lower Layer | | |
| Time of Sampling | May 16, 2012 2:05 PM | | May 16, 2012 2:10 PM | | May 16, 2012 1:47 PM | | May 16, 2012 1:45 PM | | May 15, 2012 8:11 AM | | May 15, 2012 8:10 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 (approx. 8 days) | ND | - | ND | - | ND | - | ND | - | ND | - | ND | - | 40 |
| Cs-134 (approx. 2 years) | ND | - | ND | - | ND | - | ND | - | ND | - | ND | - | 60 |
| Cs-137 (approx. 30 years) | ND | - | ND | - | 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. 1.3Bq/L

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