

Nuclides Analysis Result of the Radioactive Materials in the Seawater < Offshore of Ibaraki Prefecture >

Reference

(Data summarized on May 14)

| Place of Sampling (Place No.) | 3km Offshore of Takadokobama Shore (T-A) | | | | 3km Offshore of Kujihama Shore (T-B) | | | | 3km Offshore of Oarai Shore (T-C) | | | | ② Density Limit Specified by the Reactor Regulation (Bq/L) (The density limit in the water outside the surrounding monitored areas is provided in section 6 of Appendix 2.) |
|----------------------------------|---|----------------------------|---------------------------------|----------------------------|---|----------------------------|---------------------------------|----------------------------|--------------------------------------|----------------------------|---------------------------------|----------------------------|--|
| | Upper Layer | | Lower Layer | | Upper Layer | | Lower Layer | | Upper Layer | | Lower Layer | | |
| Time of Sampling | Apr 14, 2014 9:05 AM | | Apr 14, 2014 9:05 AM | | Apr 16, 2014 8:17 AM | | Apr 16, 2014 8:18 AM | | Apr 16, 2014 1:13 PM | | Apr 16, 2014 1:15 PM | | |
| Detected Nuclides (Half-life) | ①Density of Sample (Bq/L) | Scaling Factor (①/②) | ①Density of Sample (Bq/L) | Scaling Factor (①/②) | ①Density of Sample (Bq/L) | Scaling Factor (①/②) | ①Density of Sample (Bq/L) | Scaling Factor (①/②) | ①Density of Sample (Bq/L) | Scaling Factor (①/②) | ①Density of Sample (Bq/L) | Scaling Factor (①/②) | |
| 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 (Place No.) | 3km Offshore of Hirai Shore (T-D) | | | | 3km Offshore of Hasaki Shore (T-E) | | | | 3km Offshore of Isohara Shore (T-Z) | | | | ② Density Limit Specified by the Reactor Regulation (Bq/L) (The density limit in the water outside the surrounding monitored areas is provided in section 6 of Appendix 2.) |
|----------------------------------|--------------------------------------|----------------------------|---------------------------------|----------------------------|---------------------------------------|----------------------------|---------------------------------|----------------------------|--|----------------------------|---------------------------------|----------------------------|--|
| | Upper Layer | | Lower Layer | | Upper Layer | | Lower Layer | | Upper Layer | | Lower Layer | | |
| Time of Sampling | Apr 15, 2014 1:54 PM | | Apr 15, 2014 1:52 PM | | Apr 15, 2014 3:06 PM | | Apr 15, 2014 3:04 PM | | Apr 14, 2014 7:29 AM | | Apr 14, 2014 7:29 AM | | |
| Detected Nuclides (Half-life) | ①Density of Sample (Bq/L) | Scaling Factor (①/②) | ①Density of Sample (Bq/L) | Scaling Factor (①/②) | ①Density of Sample (Bq/L) | Scaling Factor (①/②) | ①Density of Sample (Bq/L) | Scaling Factor (①/②) | ①Density of Sample (Bq/L) | Scaling Factor (①/②) | ①Density of Sample (Bq/L) | Scaling Factor (①/②) | |
| Cs-134 (Approx. 2 years) | ND | - | ND | - | ND | - | ND | - | ND | - | ND | - | 60 |
| Cs-137 (Approx. 30 years) | ND | - | ND | - | ND | - | ND | - | ND | - | ND | - | 90 |

* The density specified by the Reactor Regulation is converted from Bq/cm³ to Bq/L.

* Data of other nuclides is under evaluation.

* In the case of more than 2 nuclides, the sum of scaling factors to density limits is compared to 1.

* "ND" indicates that the measurement result is below the detection limit.

Cs-134: Approx.1.1Bq/L, Cs-137: Approx.1.3Bq/L

As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.