# Results of Nuclide Analysis of Seawater <Coast>

Reference

（Data summarized on：July 16）

| Place of Sampling | North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel) | | Around South Discharge Channel of 1F （appox. 330m south of 1-4u Discharge Channel) | | | | Around North Discharge Channel of 2F （Around 3,4u Discharge Channel) （approx. 10 km from 1F） | | Around Iwasawa Shore of 2F （appox. 7 km south of 1,2u Discharge Channel) （appox. 16 km from 1F） | | ② 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 and Date of Sample Collection | 11:45 am July 15, 2011 | | 11:25 am July 15, 2011 | | N/A | | 8:20 am July 15, 2011 | | 7:55 am July 15, 2011 | | |
| 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) | |
| I-131 (about 8 days) | ND | - | ND | - | | | ND | - | ND | - | 40 |
| Cs-134 (about 2 years) | 64 | 1.1 | ND | - | | | ND | - | ND | - | 60 |
| Cs-137 (about 30 years) | 93 | 1.0 | ND | - | | | 4.3 | 0.05 | 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.

※ In this analysis, "ND" means that the results fall bellow the measurable threshold.
(I-131: approx. 3Bq/L, Cs-134: approx. 4Bq/L, and Cs-137: approx. 4Bq/L)
Please note that these nuclides are sometimes detected even when they are below the threshold, contingent on the detector or samples.

# Results of Nuclide Analysis of Seawater＜Offshore＞

Reference

（Data summarized on：July 16）

| Place of Sampling | 3 km offshore of Hara Town Area Upper layer | | 3 km offshore of Hara Town Area Lower layer | | 3 km offshore of Odaka Town Area Upper layer | | 3 km offshore of Odaka Town Area Lower layer | | 3 km offshore of Iwasawa shore Upper layer | | 3 km offshore of Iwasawa shore Lower layer | | ② 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 and Date of Sample Collection | 9:25 am July 15, 2011 | | 9:25 am July 15, 2011 | | 9:05 am July 15, 2011 | | 9:05 am July 15, 2011 | | 7:00 am July 15, 2011 | | 7:00 am July 15, 2011 | | |
| Detected Nuclides (Half-life) | ①Density of Sample (Bq/cm3) | Scaling Factor (①/②) | ①Density of Sample (Bq/cm3) | Scaling Factor (①/②) | ①Density of Sample (Bq/cm3) | Scaling Factor (①/②) | ①Density of Sample (Bq/cm3) | Scaling Factor (①/②) | ①Density of Sample (Bq/cm3) | Scaling Factor (①/②) | ①Density of Sample (Bq/cm3) | Scaling Factor (①/②) | |
| I-131 (about 8 days) | ND | － | ND | － | ND | － | ND | － | ND | － | ND | － | 40 |
| 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 | 8 km offshore of Odaka Town Area Upper layer | | 8 km offshore of Odaka Town Area Lower layer | | 8 km offshore of Iwasawa shore Upper layer | | 8 km offshore of Iwasawa shore Lower layer | | | | | | ② 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 and Date of Sample Collection | 8:45 am July 15, 2011 | | 8:45 am July 15, 2011 | | 7:30 am July 15, 2011 | | 7:30 am July 15, 2011 | | | | | | |
| Detected Nuclides (Half-life) | ①Density of Sample (Bq/cm3) | Scaling Factor (①/②) | ①Density of Sample (Bq/cm3) | Scaling Factor (①/②) | ①Density of Sample (Bq/cm3) | Scaling Factor (①/②) | ①Density of Sample (Bq/cm3) | Scaling Factor (①/②) | ①Density of Sample (Bq/cm3) | Scaling Factor (①/②) | ①Density of Sample (Bq/cm3) | Scaling Factor (①/②) | |
| I-131 (about 8 days) | ND | － | ND | － | ND | － | ND | － | | | | | 40 |
| 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.

※ In this analysis, "ND" means that the results fall bellow the measurable threshold.
(I-131: approx. 3Bq/L, Cs-134: approx. 4Bq/L, and Cs-137: approx. 4Bq/L)
Please note that these nuclides are sometimes detected even when they are below the threshold, contingent on the detector or samples.

# Results of Nuclide Analysis of Seawater＜Offshore 2/2＞

Reference

（Data summarized on：July 16）

| Place of Sampling | Numanouchi Offshore 5km Upper Layer | | Numanouchi Offshore 5km Lower Layer | | Numanouchi Offshore 15km Upper Layer | | Numanouchi Offshore 15km Middle Layer | | Numanouchi Offshore 15km Lower Layer | | Numanouchi Offshore 30km Upper Layer | | ② 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 and Date of Sample Collection | 6:10 am July 15, 2011 | | 6:10 am July 15, 2011 | | 6:55 am July 15, 2011 | | 6:55 am July 15, 2011 | | 6:55 am July 15, 2011 | | 7:50 am July 15, 2011 | | |
| Detected Nuclides (Half-life) | ①Density of Sample（Bq/cm3） | Scaling Factor (①/②) | ①Density of Sample（Bq/cm3） | Scaling Factor (①/②) | ①Density of Sample（Bq/cm3） | Scaling Factor (①/②) | ①Density of Sample（Bq/cm3） | Scaling Factor (①/②) | ①Density of Sample（Bq/cm3） | Scaling Factor (①/②) | ①Density of Sample（Bq/cm3） | Scaling Factor (①/②) | |
| I-131 (about 8 days) | ND | - | ND | - | ND | - | ND | - | ND | - | ND | - | 40 |
| 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 | Numanouchi Offshore 30km Middle Layer | | Numanouchi Offshore 30km Lower Layer | | | | | | | | | | ② 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 and Date of Sample Collection | 7:50 am July 15, 2011 | | 7:50 am July 15, 2011 | | | | | | | | | | |
| Detected Nuclides (Half-life) | ①Density of Sample（Bq/cm3） | Scaling Factor (①/②) | ①Density of Sample（Bq/cm3） | Scaling Factor (①/②) | ①Density of Sample（Bq/cm3） | Scaling Factor (①/②) | ①Density of Sample（Bq/cm3） | Scaling Factor (①/②) | ①Density of Sample（Bq/cm3） | Scaling Factor (①/②) | ①Density of Sample（Bq/cm3） | Scaling Factor (①/②) | |
| I-131 (about 8 days) | ND | - | ND | - | | | | | | | | | 40 |
| Cs-134 (about 2 years) | ND | - | ND | - | | | | | | | | | 60 |
| Cs-137 (about 30 years) | 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.

※ In this analysis, "ND" means that the results fall bellow the measurable threshold.
(I-131: approx. 3Bq/L, Cs-134: approx. 4Bq/L, and Cs-137: approx. 4Bq/L)
Please note that these nuclides are sometimes detected even when they are below the threshold, contingent on the detector or samples.