# Results of Nuclide Analysis of Seawater <Coast>

Reference

(Data summarized on June 2)

| 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/cm3) (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 June 1, 2011 | | 14:00 June 1, 2011 | | 9:10 June 1, 2011 | | 13:45 June 1, 2011 | | 9:30 June 1, 2011 | | 7:50 June 1, 2011 | | |
| Detected Nuclides (Half-life) | ①Density of Sample (Bq/cm$^3$) | Scaling Factor (①/②) | ①Density of Sample (Bq/cm$^3$) | Scaling Factor (①/②) | ①Density of Sample (Bq/cm$^3$) | Scaling Factor (①/②) | ①Density of Sample (Bq/cm$^3$) | Scaling Factor (①/②) | ①Density of Sample (Bq/cm$^3$) | Scaling Factor (①/②) | ①Density of Sample (Bq/cm$^3$) | Scaling Factor (①/②) | |
| I-131 (about 8 days) | ND | - | ND | - | ND | - | ND | - | ND | - | ND | - | 40 |
| Cs-134 (about 2 years) | 50 | 0.83 | 33 | 0.55 | 26 | 0.43 | 25 | 0.42 | 53 | 0.88 | 55 | 0.92 | 60 |
| Cs-137 (about 30 years) | 62 | 0.69 | 28 | 0.31 | 24 | 0.27 | 23 | 0.26 | 38 | 0.42 | 57 | 0.63 | 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 the case that the data is below measurable limit (aproximately 7Bq/L for I-131, approximately 15Bq/L for Cs-137), "ND" is stated.