Reference

Nuclide Analysis Results of Radioactive Materials in Seawater
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4 <1/2>

(Data summarized on October 3)

| Place of Sampling | Shallow Draft Quay of 1F | | Inside north water intake canal of 1F's Units 1-4 | | Screen of 1F's Unit 1 (outside the silt fence) | | Screen of 1F's Unit 1 (inside the silt fence) | | Screen of 1F's Unit 2 (outside the silt fence) | | Screen of 1F's Unit 2 (inside the silt fence) | | ②Density 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 | 6:58 October 2, 2011 | | 7:05 October 2, 2011 | | 7:08 October 2, 2011 | | 7:15 October 2, 2011 | | 7:22 October 2, 2011 | | 7:26 October 2, 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) | ①Density of Sample (Bq/L) | Scaling Factor (①/②) | |
| I-131 (about 8 days) | ND | - | ND | - | ND | - | ND | - | ND | - | ND | - | 40 |
| Cs-134 (about 2 years) | ND | - | 100 | 1.7 | 44 | 0.73 | 100 | 1.7 | 51 | 0.85 | 140 | 2.3 | 60 |
| Cs-137 (about 30 years) | ND | - | 120 | 1.3 | 60 | 0.67 | 100 | 1.1 | 76 | 0.84 | 160 | 1.8 | 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. 14Bq/L, Cs-134: approx. 25Bq/L, Cs-137: approx. 29Bq/L
  Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or

Reference

Nuclide Analysis Results of Radioactive Materials in Seawater
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4 <2/2>

(Data summarized on October 3)

| Place of Sampling | Screen of 1F's Unit 3 (outside the silt fence) | | Screen of 1F's Unit 3 (inside the silt fence) | | Screen of 1F's Unit 4 (outside the silt fence) | | Screen of 1F's Unit 4 (inside the silt fence) | | Inside the south of 1F's Units 1-4 Water Intake Canal | | | | ②Density 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 | 7:38 October 2, 2011 | | 7:44 October 2, 2011 | | 7:32 October 2, 2011 | | 7:35 October 2, 2011 | | 7:49 October 2, 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) | ①Density of Sample (Bq/L) | Scaling Factor (①/②) | |
| I-131 (about 8 days) | ND | - | ND | - | ND | - | ND | - | ND | - | | | 40 |
| Cs-134 (about 2 years) | 510 | 8.5 | 820 | 14 | 150 | 2.5 | 320 | 5.3 | 170 | 2.8 | | | 60 |
| Cs-137 (about 30 years) | 610 | 6.8 | 1,000 | 11 | 180 | 2.0 | 350 | 3.9 | 200 | 2.2 | | | 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. 21Bq/L
  Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.