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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 Decem

| 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) |                      | Density limit by the announcement of Reactor Regulation (Bq/L)<br>(the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2) |
|-------------------------------|--------------------------|----------------------|---|----------------------|--|----------------------|---|----------------------|--|----------------------|---|----------------------|--|
| Time of Sampling              | Dec 15, 2011<br>06:58 am |                      | Dec 15, 2011<br>07:05 am                          |                      | Dec 15, 2011<br>07:08 am                       |                      | Dec 15, 2011<br>07:11 am                      |                      | Dec 15, 2011<br>07:14 am                       |                      | Dec 15, 2011<br>07:18 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 (about 8 days)          | ND                       | -                    | ND  | -                    | ND   | -                    | ND  | -                    | ND   | -                    | ND  | -                    | 40   |
| Cs-134 (about 2 years)        | ND                       | -                    | 58  | 0.97                 | 100  | 1.7                  | 90  | 1.5                  | 130  | 2.2                  | 160   | 2.7                  | 60   |
| Cs-137 (about 30 years)       | ND                       | -                    | 82  | 0.91                 | 130  | 1.4                  | 120   | 1.3                  | 150  | 1.7                  | 180   | 2.0                  | 90   |

\* Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm<sup>3</sup> 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. 22Bq/L, Cs-137: approx. 25Bq/L

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

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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 Decem

| Place of Sampling                | Screen of 1F's Unit 3<br>(outside the silt fence) |                            | Screen of 1F's Unit 3<br>(inside the silt fence) |                            | Screen of 1F's Unit 4<br>(outside the silt fence) |                            | Screen of 1F's Unit 4<br>(inside the silt fence) |                            | Inside the south of 1F's<br>Units 1-4 Water Intake<br>Canal |                            |                                |                            | Density limit by the<br>announcement of<br>Reactor Regulation<br>(Bq/L)<br>(the density limit in the<br>water outside of<br>surrounding monitored<br>areas in the section 6<br>of the appendix 2) |
|----------------------------------|---|----------------------------|--|----------------------------|---|----------------------------|--|----------------------------|---|----------------------------|--------------------------------|----------------------------|---|
|                                  | Time of Sampling                                  | Dec 15, 2011<br>07:22 am   |  | Dec 15, 2011<br>07:24 am   |   | Dec 15, 2011<br>07:27 am   |  | Dec 15, 2011<br>07:30 am   |   | Dec 15, 2011<br>07:33 am   |                                |                            |   |
| Detected Nuclides<br>(Half-life) | Density of<br>Sample<br>(Bq/L)                    | Scaling<br>Factor<br>( / ) | Density of<br>Sample<br>(Bq/L)                   | Scaling<br>Factor<br>( / ) | Density of<br>Sample<br>(Bq/L)                    | Scaling<br>Factor<br>( / ) | Density of<br>Sample<br>(Bq/L)                   | Scaling<br>Factor<br>( / ) | Density of<br>Sample<br>(Bq/L)                              | Scaling<br>Factor<br>( / ) | Density of<br>Sample<br>(Bq/L) | Scaling<br>Factor<br>( / ) |   |
| I-131<br>(about 8 days)          | ND  | -                          | ND   | -                          | ND  | -                          | ND   | -                          | ND  | -                          |                                |                            | 40  |
| Cs-134<br>(about 2 years)        | 110   | 1.8                        | 220  | 3.7                        | 170   | 2.8                        | 240  | 4.0                        | 170   | 2.8                        |                                |                            | 60  |
| Cs-137<br>(about 30 years)       | 150   | 1.7                        | 300  | 3.3                        | 220   | 2.4                        | 300  | 3.3                        | 230   | 2.6                        |                                |                            | 90  |

\* Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm<sup>3</sup> 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. 15Bq/L

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