

Nuclide Analysis Results of Seawater  
Unit 1-4 Water Intake, Fukushima Daiichi Nuclear Power Station

Appendix

(Data summarized on October 6)

| Place of Sampling                | Inside north water intake canal of 1F's Units 1-4 |                         | 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) |
|----------------------------------|---|-------------------------|--|
| Date of sampling                 | Sep-12, 2011                                      |                         |  |
| Detected Nuclides<br>(Half-life) | Density of Sample<br>(Bq/L)                       | Scaling Factor<br>( / ) |  |
| I-131<br>(about 8 days)          | ND  | -                       | 40   |
| Cs-134<br>(about 2 years)        | 160   | 2.7                     | 60   |
| Cs-137<br>(about 30 years)       | 160   | 1.8                     | 90   |
| Sr-89 (about 51days)             | 92  | 0.31                    | 300  |
| Sr-90 (about 29 years)           | 92  | 3.1                     | 30   |

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

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with

\* The data of I-131, Cs-134 and Cs-137 are reported on September 13.

\* Analysis Organization: Japan Chemical Analysis Center (Sr-89, Sr-90), TEPCO (I-131, Cs-134, Cs-137)

(Evaluation)

Sr-89 and Sr-90 were detected, it is assumed that the influence of this incident.