

## Nuclide Analysis Results of Radioactive Materials in Seawater < Coast, Fukushima Daiichi Nuclear Power Station >

Reference

(Data summarized on April 14)

| Place of Sampling             | North of Discharge Channel of 5-6u of 1F<br>(approx. 30m north of 5-6u discharge channel) | Around South Discharge Channel of 1F<br>( approx. 330m south of 1-4u Discharge Channel) |                          | 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              | 13-Apr-12<br>9:00 AM  | 13-Apr-12<br>8:35 AM  |                          |  |    |
| Detected Nuclides (Half-life) | Density of Sample (Bq/L)  | Scaling Factor ( / )  | Density of Sample (Bq/L) | Scaling Factor ( / )   |    |
| I-131<br>(approx. 8 days)     | ND  | -   | ND                       | -  | 40 |
| Cs-134<br>(approx. 2 years)   | ND  | -   | ND                       | -  | 60 |
| Cs-137<br>(approx. 30 years)  | ND  | -   | ND                       | -  | 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.

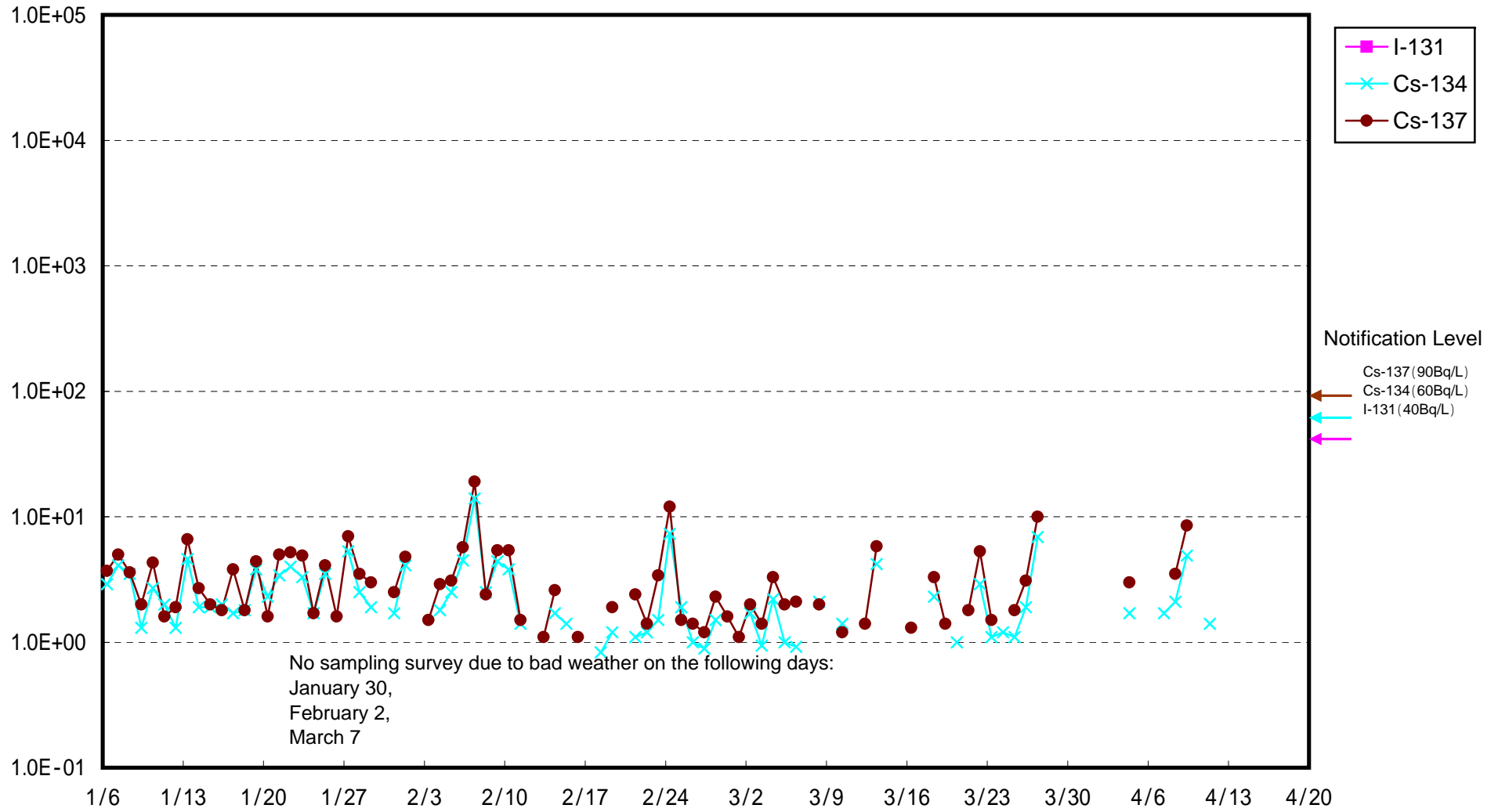
\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

\* "ND" means the sampled data is below measurable limit.

I-131: approx. 0.55Bq/L, Cs-134: approx. 1.4Bq/L, Cs-137: approx. 1.6Bq/L

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

Radioactivity Density of Seawater at North of 1F5-6 Discharge Channel (Bq/L)



Radioactivity Density of Seawater at South Discharge Channel of 1F (Bq/L)

