

Reference

## Nuclides Analysis Result of the Radioactive Materials in the Seawater < Coast, Fukushima Daiichi Nuclear Power Station >

(Data summarized on October 6)

| Place of Sampling                | North of Unit 5-6 Discharge Channel at Fukushima Daiichi NPS<br>(Approx. 30m North of Unit 5-6 Discharge Channel) |                         | Around South Discharge Channel of Fukushima Daiichi NPS<br>(Approx. 330m South of Unit 1-4 Discharge Channel) |                         | Density Limit Specified by the Reactor Regulation (Bq/L)<br>(The density limit in the water outside the surrounding monitored areas is provided in section 6 of Appendix 2.) |
|----------------------------------|---|-------------------------|---|-------------------------|--|
|                                  | Oct 5, 2012<br>(Not sampled)  |                         | Oct 5, 2012<br>(Not sampled)  |                         |  |
| Detected Nuclides<br>(Half-life) | Density of Sample<br>(Bq/L)   | Scaling Factor<br>( / ) | Density of Sample<br>(Bq/L)   | Scaling Factor<br>( / ) |  |
| I-131<br>(Approx. 8 days)        | -   | -                       | -   | -                       | 40   |
| Cs-134<br>(Approx. 2 years)      | -   | -                       | -   | -                       | 60   |
| Cs-137<br>(Approx. 30 years)     | -   | -                       | -   | -                       | 90   |

\* The density specified by the Reactor Regulation is converted from Bq/cm<sup>3</sup> to Bq/L.

No sampling due to the bad weather.

## Nuclides Analysis Result of the Radioactive Materials in the Seawater < Coast, Fukushima Daini Nuclear Power Station >

(Data summarized on October 6)

| Place of Sampling                | 2F Around the North Discharge Channel<br>(Around Unit 3-4 Discharge Channel)<br>(Approx. 10km from 1F) |                         | Around the North of Asamigawa<br>(Approx. 12km South of Unit 1 & 2 Discharge Channel)<br>(Approx. 24km from 1F) |                         | Density Limit Specified by the Reactor Regulation (Bq/L)<br>(The density limit in the water outside the surrounding monitored areas is provided in section 6 of Appendix 2.) |
|----------------------------------|--|-------------------------|---|-------------------------|--|
|                                  | Time of Sampling   | Jan 0, 1900<br>試料濃度     | Time of Sampling  | Jan 0, 1900<br>試料濃度     |  |
| Detected Nuclides<br>(Half-life) | Density of Sample<br>(Bq/L)  | Scaling Factor<br>( / ) | Density of Sample<br>(Bq/L)   | Scaling Factor<br>( / ) |  |
| I-131<br>(Approx. 8 days)        | 0.24   | 0.01                    | ND  | -                       | 40   |
| Cs-134<br>(Approx. 2 years)      | 0.49   | 0.01                    | 0.31  | 0.01                    | 60   |
| Cs-137<br>(Approx. 30 years)     | ND   | -                       | ND  | -                       | 90   |

\* The density specified by the Reactor Regulation is converted from Bq/cm<sup>3</sup> to Bq/L.

\* Data of other nuclides is under evaluation.

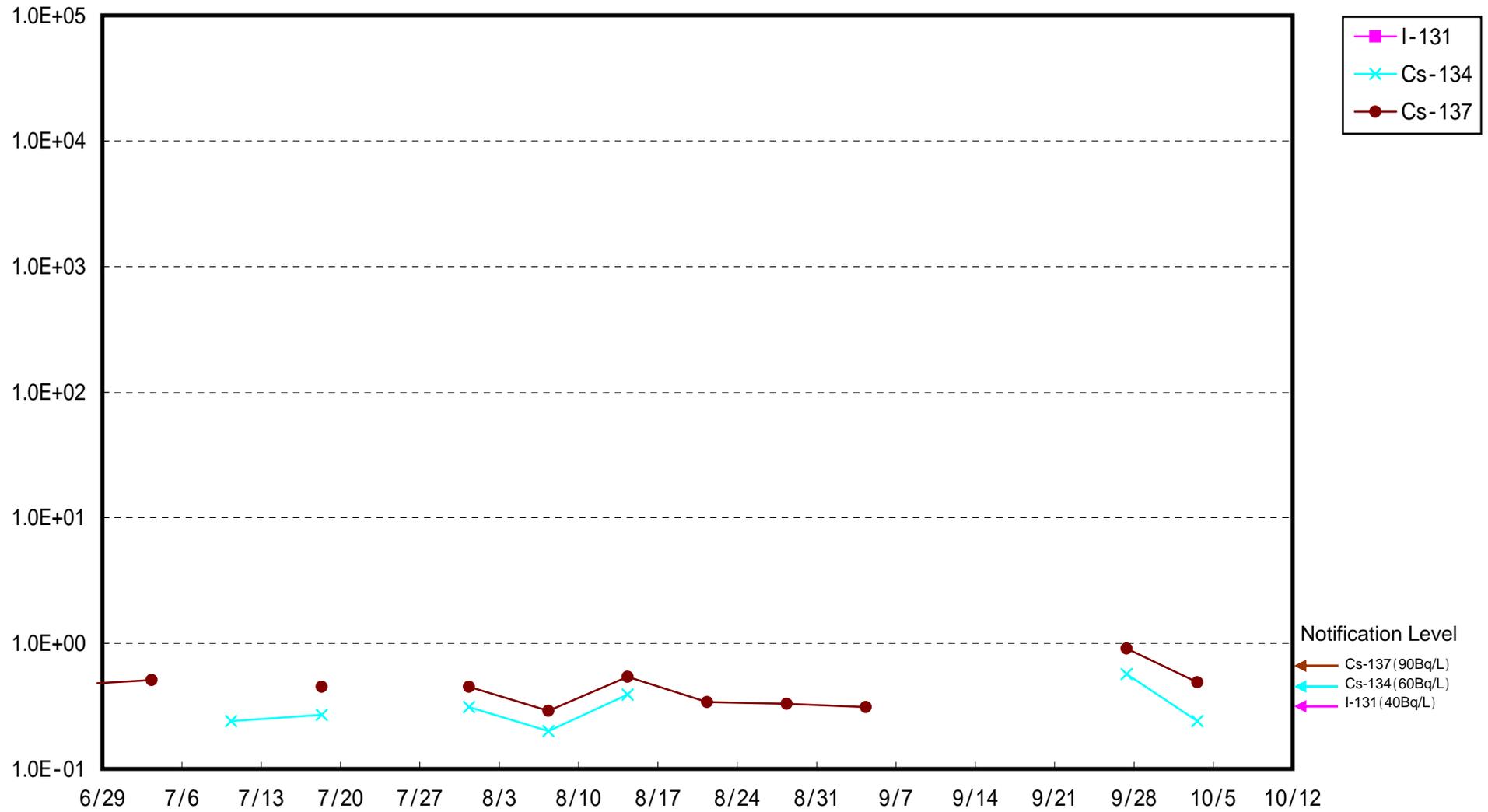
\* In the case of more than 2 nuclides, the sum of scaling factors to density limits is compared to 1.

\* "ND" indicates that the measurement result is below the detection limit.

I-131: Approx. 0.11Bq/L, Cs- 134: Approx. 0.22Bq/L

As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

Radioactivity Density of the Seawater at 2F North Discharge Channel (Bq/L)



### Radioactivity Density of the Seawater at Around the North of Asamigawa (Bq/L)

