

## Nuclide Analysis Results of Radioactive Materials in Seawater <Coast>

Reference

(Data summarized on February 27)

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)		Around South Discharge Channel of 1F ( approx. 330m south of 1-4u Discharge Channel)		Around North Discharge Channel of 2F ( Around 3,4u Discharge Channel) ( approx. 10 km from 1F )		Around Iwasawa Shore of 2F ( approx. 7 km south of 1,2u Discharge Channel) ( approx. 16 km from 1F )		Density 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	Feb 26, 2012 08:40 am		Feb 26, 2012 08:20 am		Feb 26, 2012 (Not sampled)		Feb 26, 2012 07:55 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 ( / )	
I-131 (about 8 days)	ND	-	ND	-	-	-	ND	-	40
Cs-134 (about 2 years)	1.0	0.02	1.1	0.02	-	-	1.0	0.02	60
Cs-137 (about 30 years)	1.4	0.02	1.7	0.02	-	-	1.3	0.01	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.

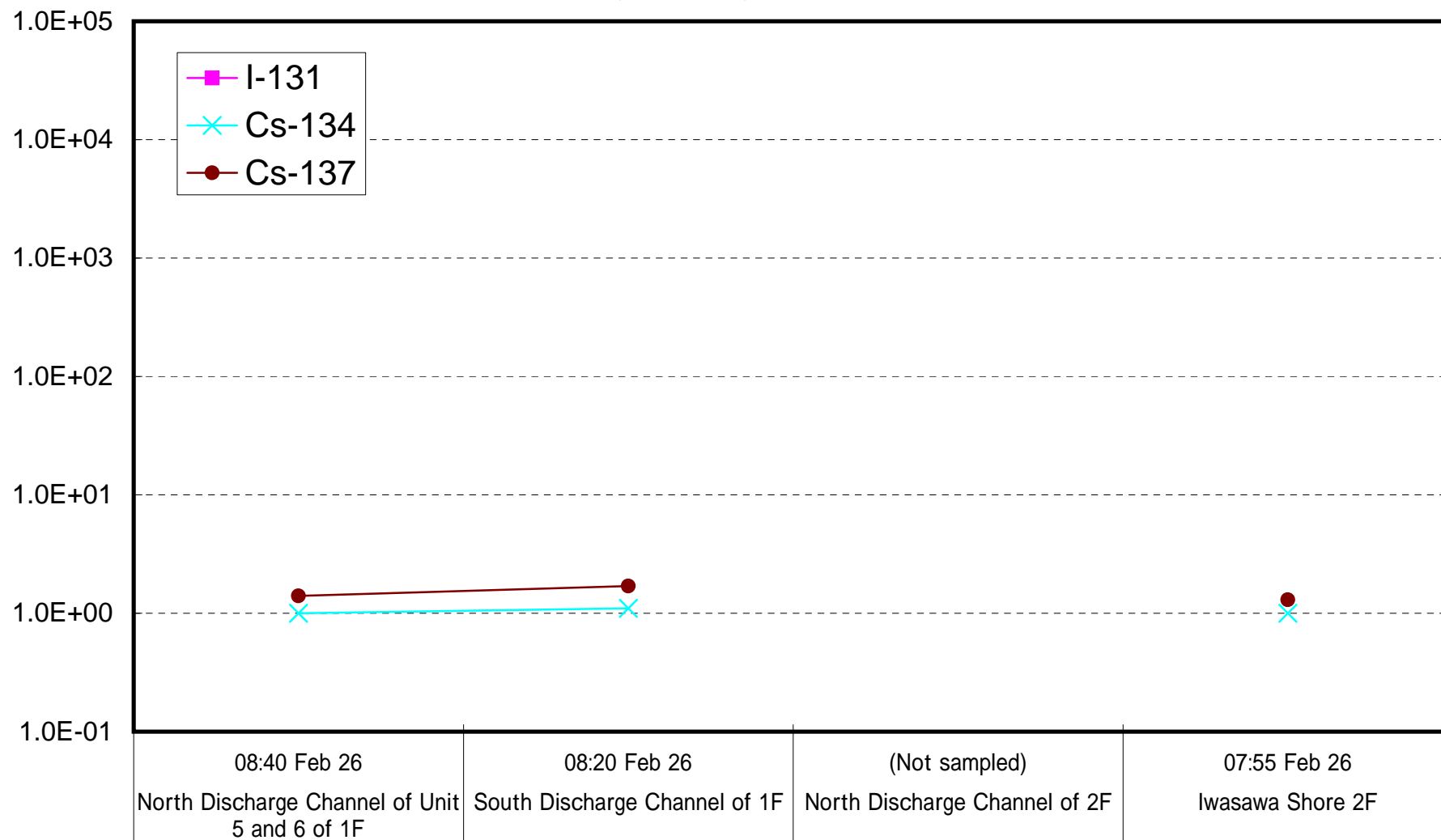
\* "ND" means the sampled data is below measurable limit.

I-131: approx. 0.69Bq/L

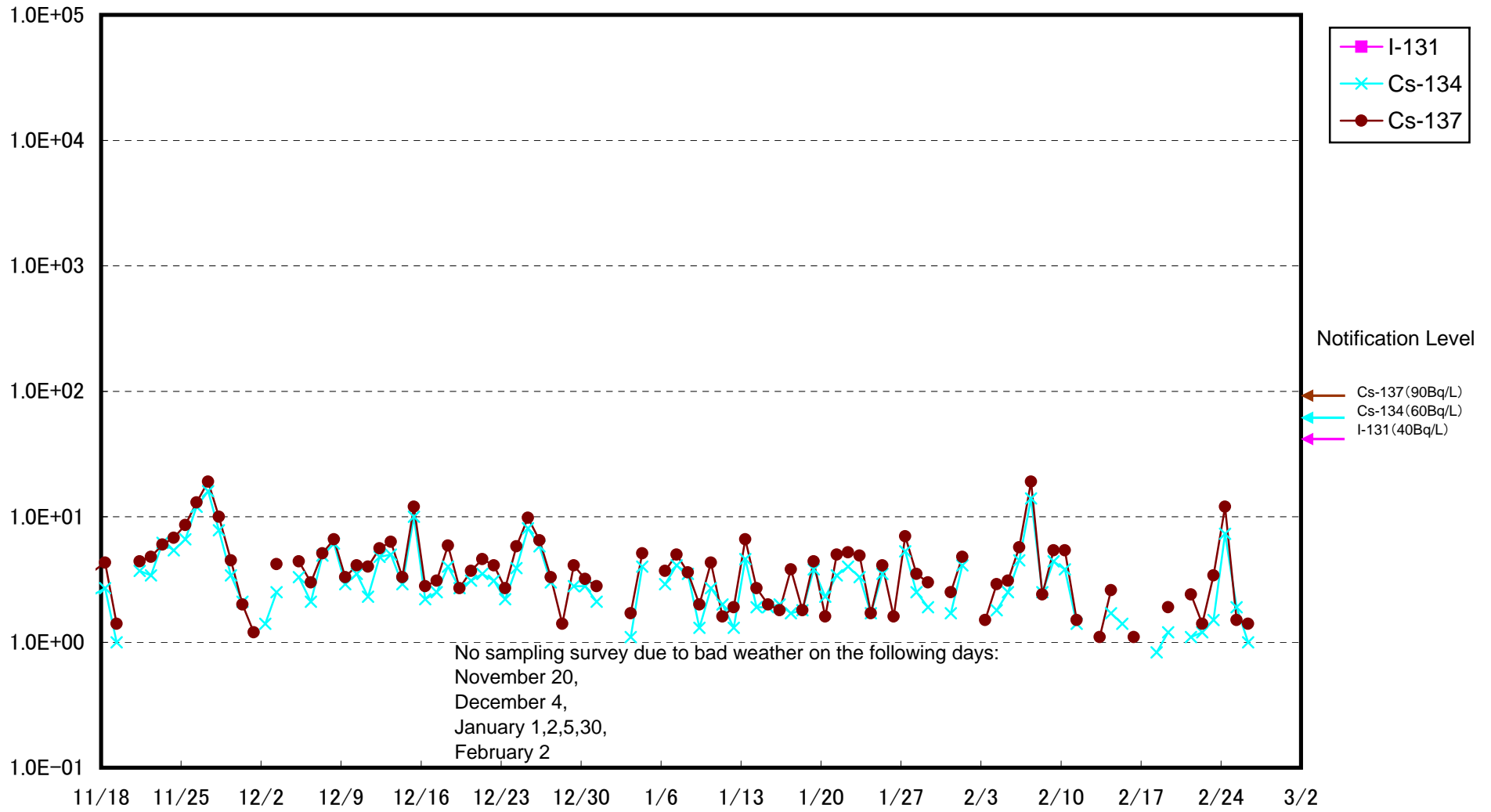
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Sampling at 1 in 4 points was canceled regarding "Coast", and was not implemented regarding "offshore" due to bad weather.

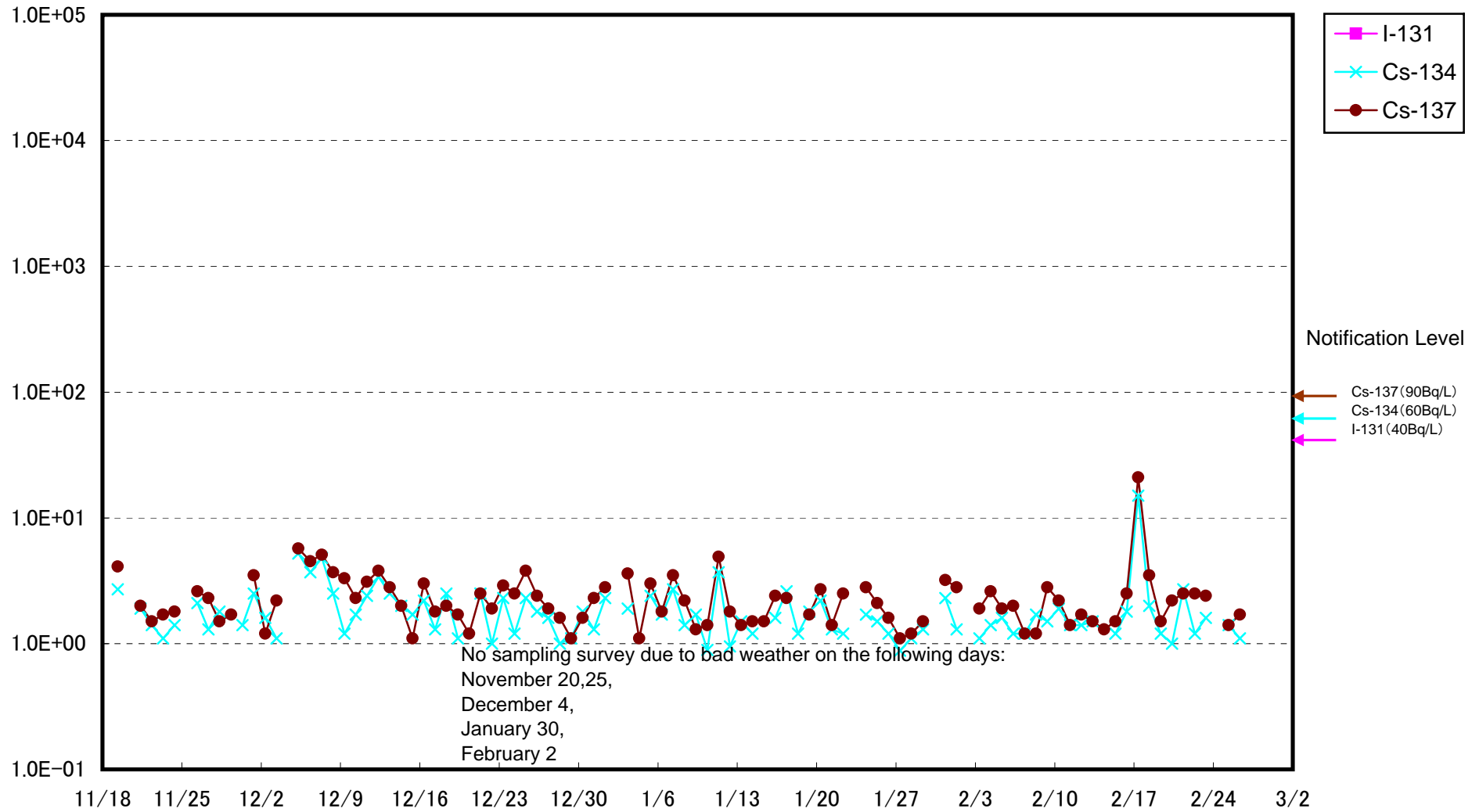
# Radioactivity Density of Seawater (Bq/L)



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)



Radioactivity Density of Seawater at Iwasawa Shore 2F (Bq/L)

