

Nuclide Analysis Results of Radioactive Materials in Seawater <Coast>

Reference

(Data summarized on February 28)

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 27, 2012 08:40 am	Feb 27, 2012 08:20 am	Feb 27, 2012 (Not sampled)	Feb 27, 2012 08:00 am					
Detected Nuclides (Half-life)	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)	0.89	0.01	0.88	0.01	-	-	1.2	0.02	60
Cs-137 (about 30 years)	1.2	0.01	ND	-	-	-	ND	-	90

* Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm³ 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.

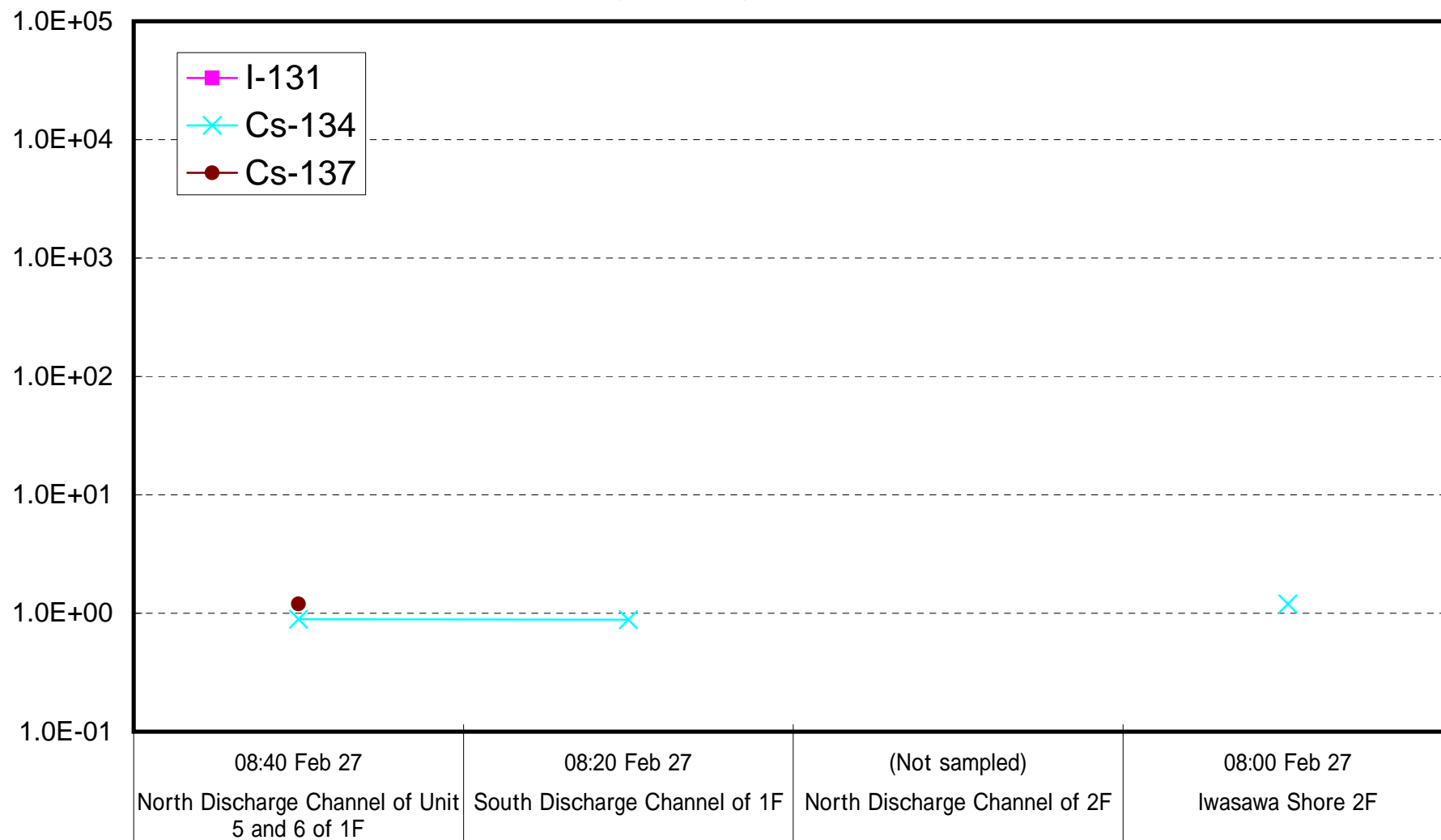
* "ND" means the sampled data is below measurable limit.

I-131: approx. 0.70Bq/L, Cs-137: approx. 1.0Bq/L

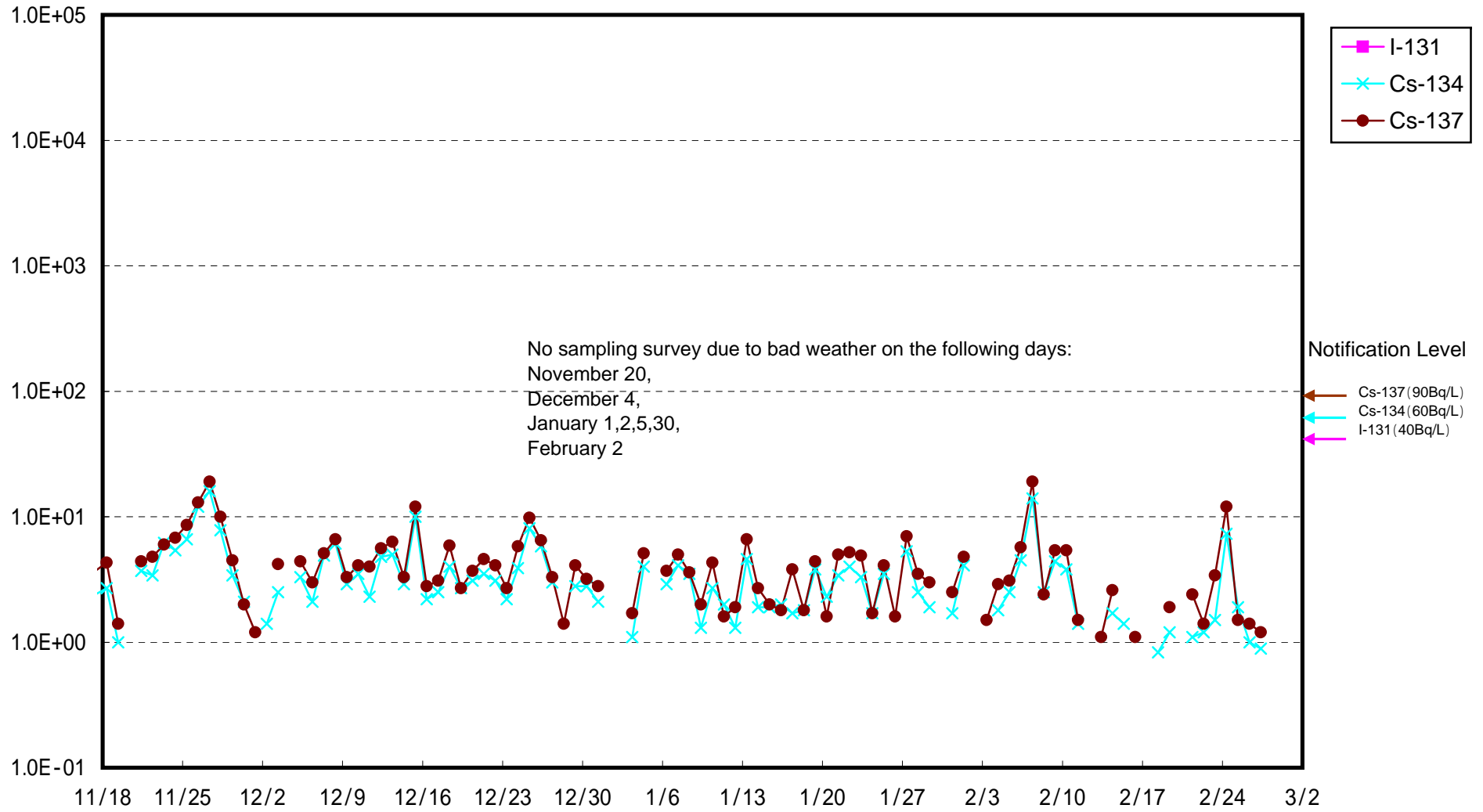
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

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

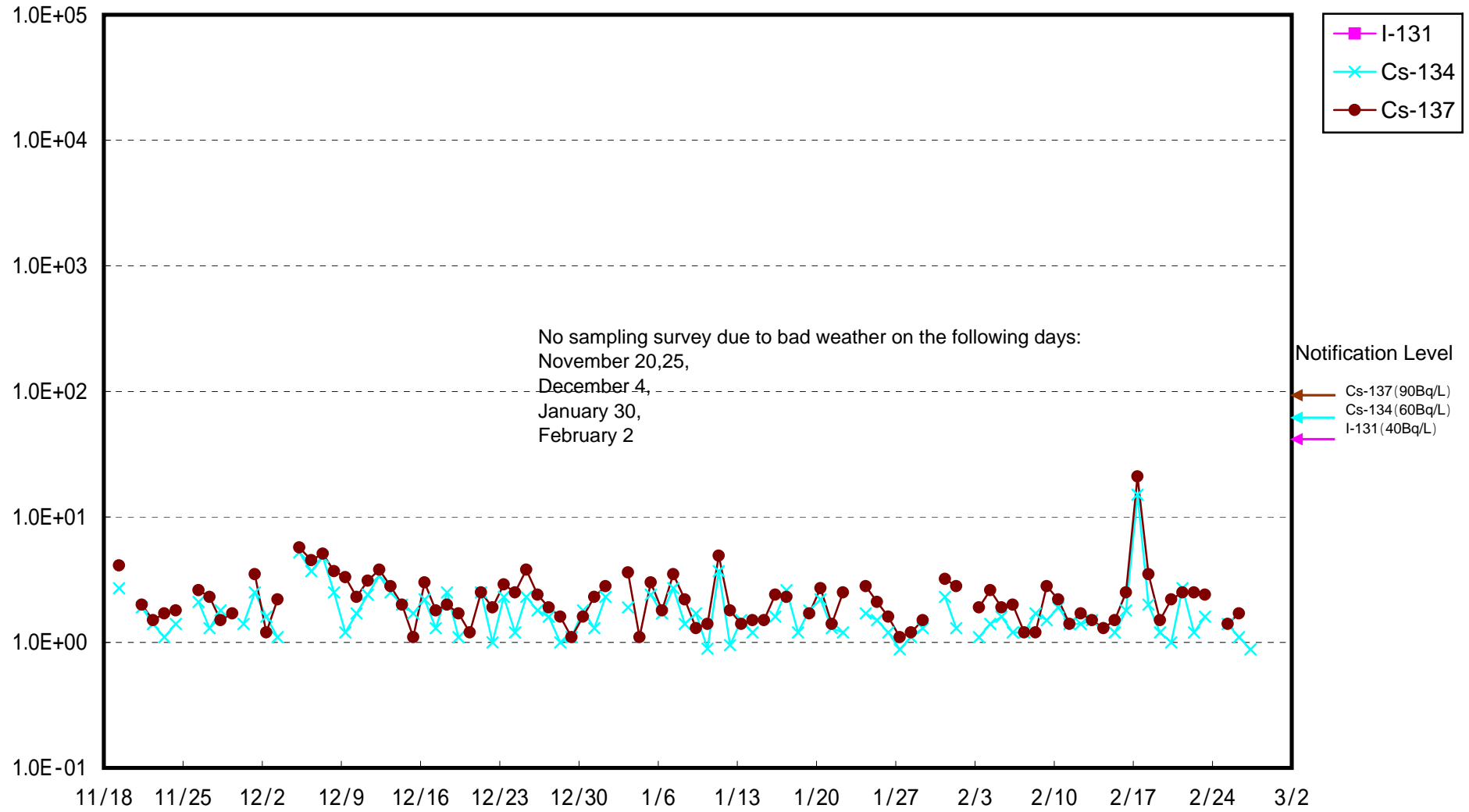
Radioactivity Density of Seawater (Bq/L)



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)

