Nuclide Analysis Results of Radioactive Materials in Seawater <Coast>

Data summarized on 13 March

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 appox. 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 appox. 7 km south of 1,2u Discharge Channel) appox. 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	Mar 12, 2012 08:55 am		Mar 12, 2012 08:25 am		Mar 12, 2012 (Not sampled)		Mar 12, 2012 08:00 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)	ND	-	0.86	0.01	-	-	ND	-	60
Cs-137 (about 30 years)	1.4	0.02	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.
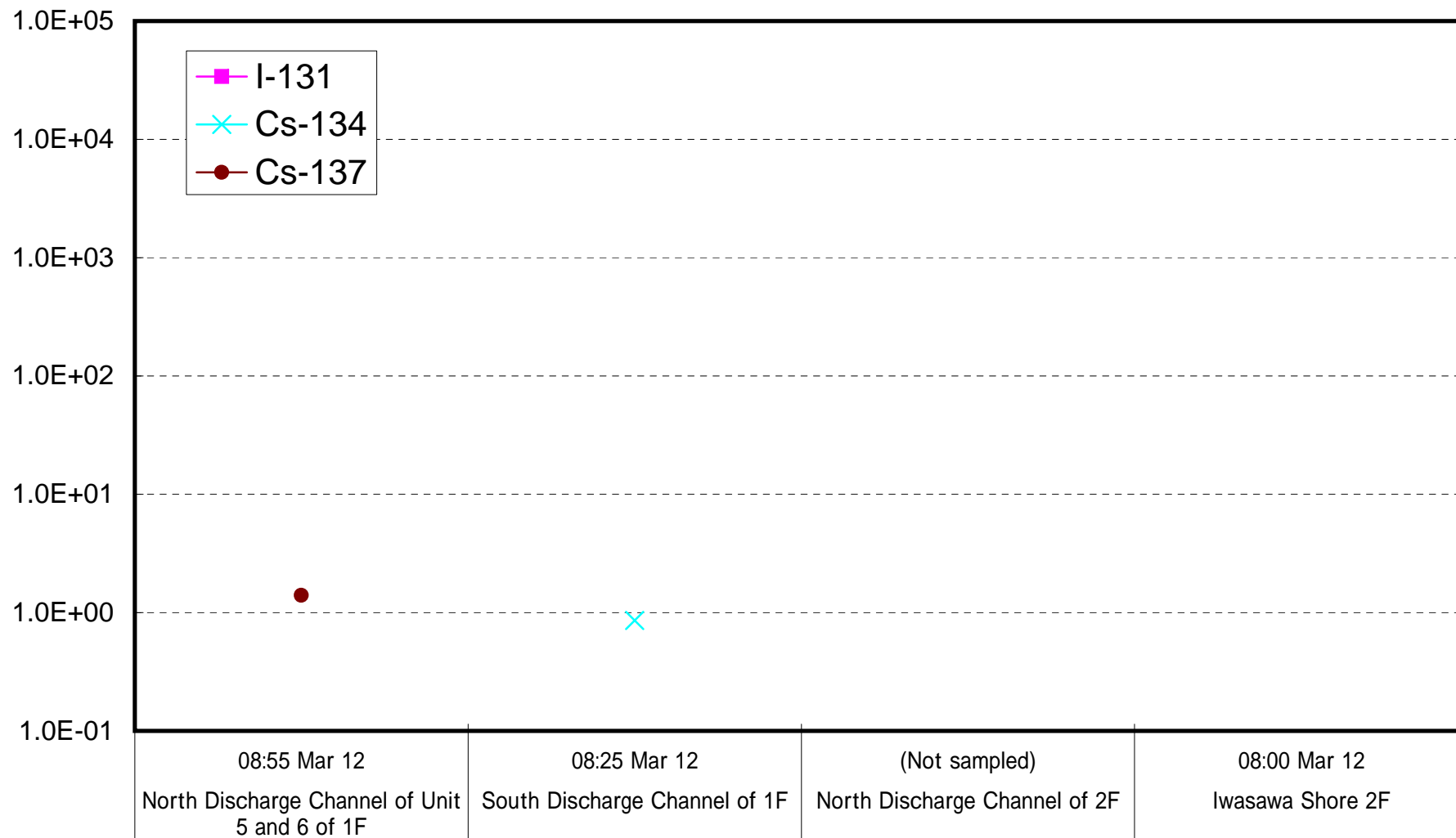
* "ND" means the sampled data is below measurable limit.
 I-131: approx. 0.68Bq/L, Cs-134: approx. 0.94Bq/L, Cs-137: approx. 1.0Bq/L
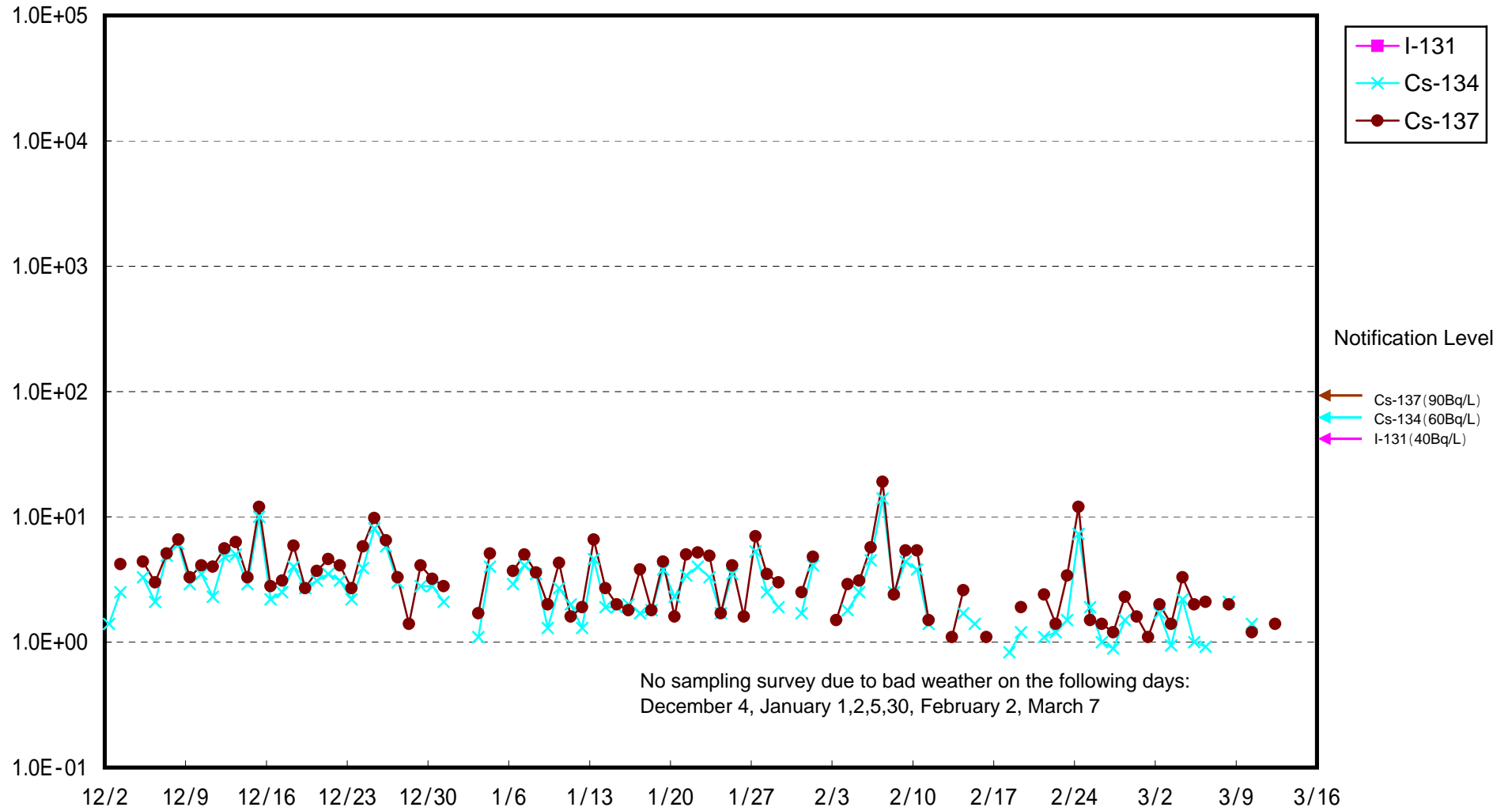 Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

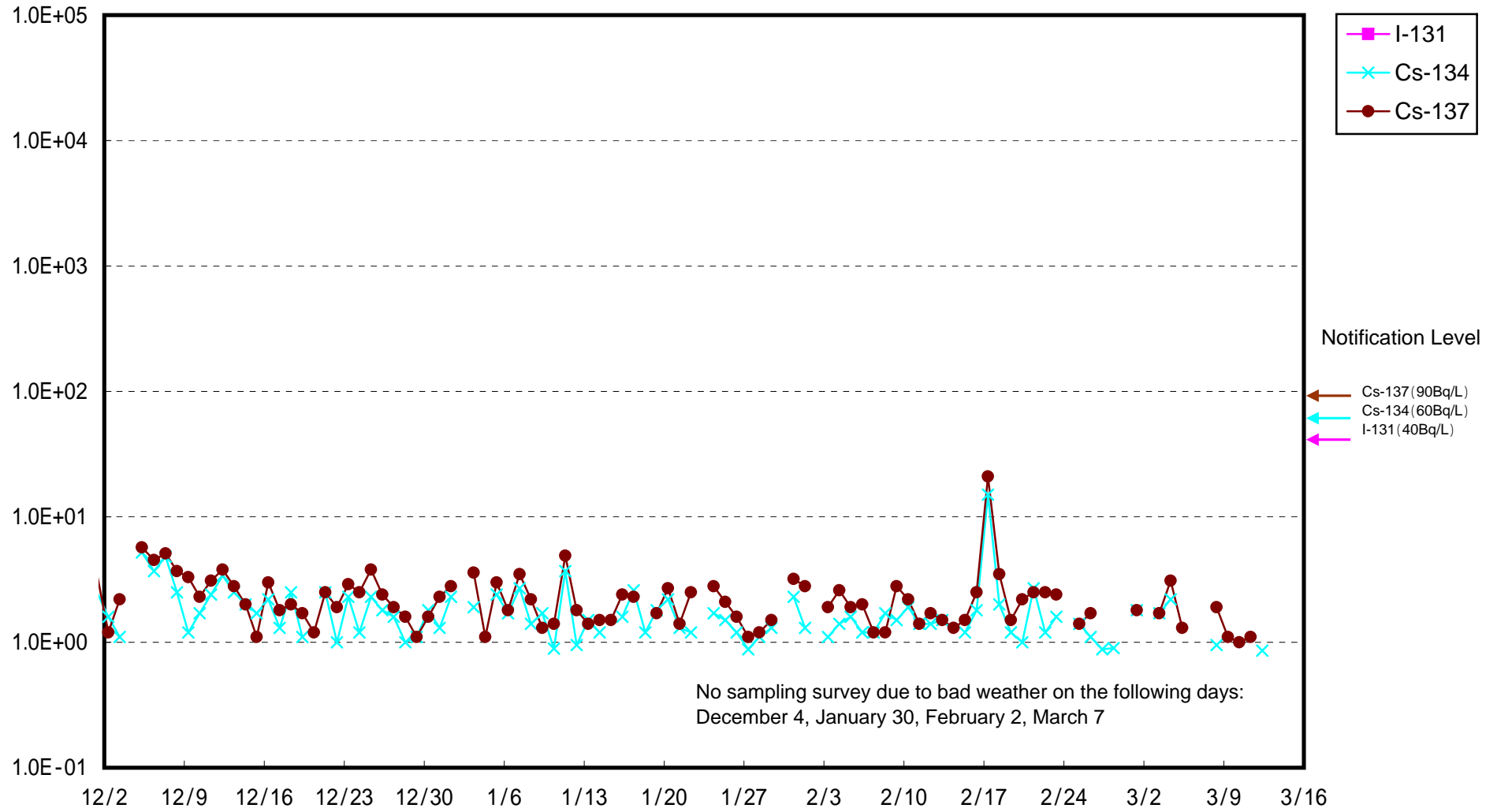Due to the bad weather, we stopped sampling at 1 point out of 4 on <coast> and we didn't conduct sampling on <offshore>.

Radioactivity Density of Seawater (Bq/L)

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

Notification Level

Cs-137 90Bq/L
Cs-134 60Bq/L
I-131 40Bq/L

Legend:
- I-131
- Cs-134
- Cs-137

No sampling survey due to bad weather on the following days:
December 4, January 1,2,5,30, February 2, March 7

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

Legend:
- I-131
- Cs-134
- Cs-137

Notification Level
- Cs-137 90Bq/L
- Cs-134 60Bq/L
- I-131 40Bq/L

No sampling survey due to bad weather on the following days:
December 4, January 30, February 2, March 7

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