

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

Reference
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(Data summarized on January 23)

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	Jan 22, 2012 08:40 am		Jan 22, 2012 08:15 am		Jan 22, 2012 (Not sampled)		Jan 22, 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)	4.0	0.07	1.2	0.02	-	-	ND	-	60
Cs-137 (about 30 years)	5.2	0.06	2.5	0.03	-	-	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.

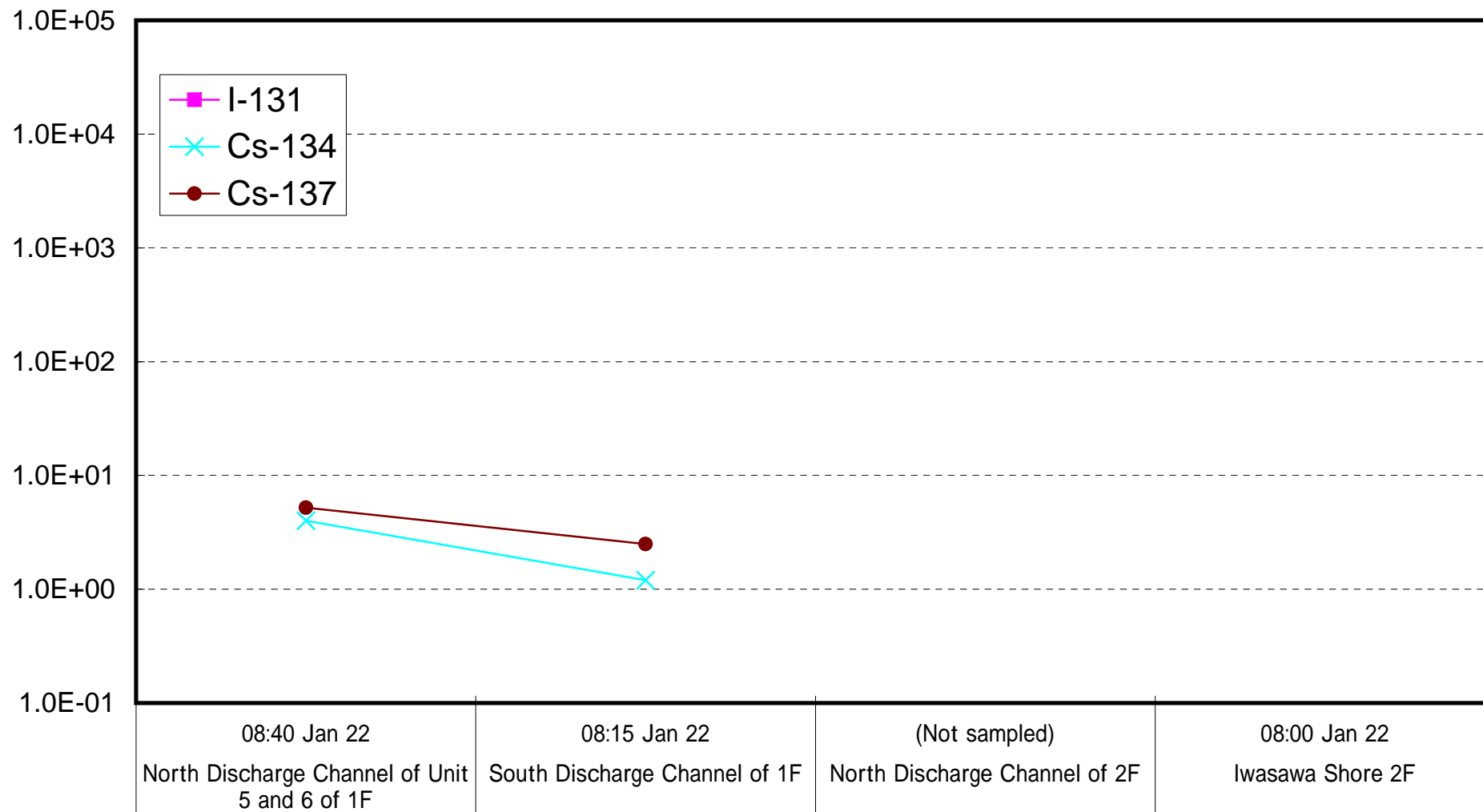
\* "ND" means the sampled data is below measurable limit.

I-131: approx. 0.77Bq/L, Cs-134: approx. 0.87Bq/L, Cs-137: approx. 0.95Bq/L

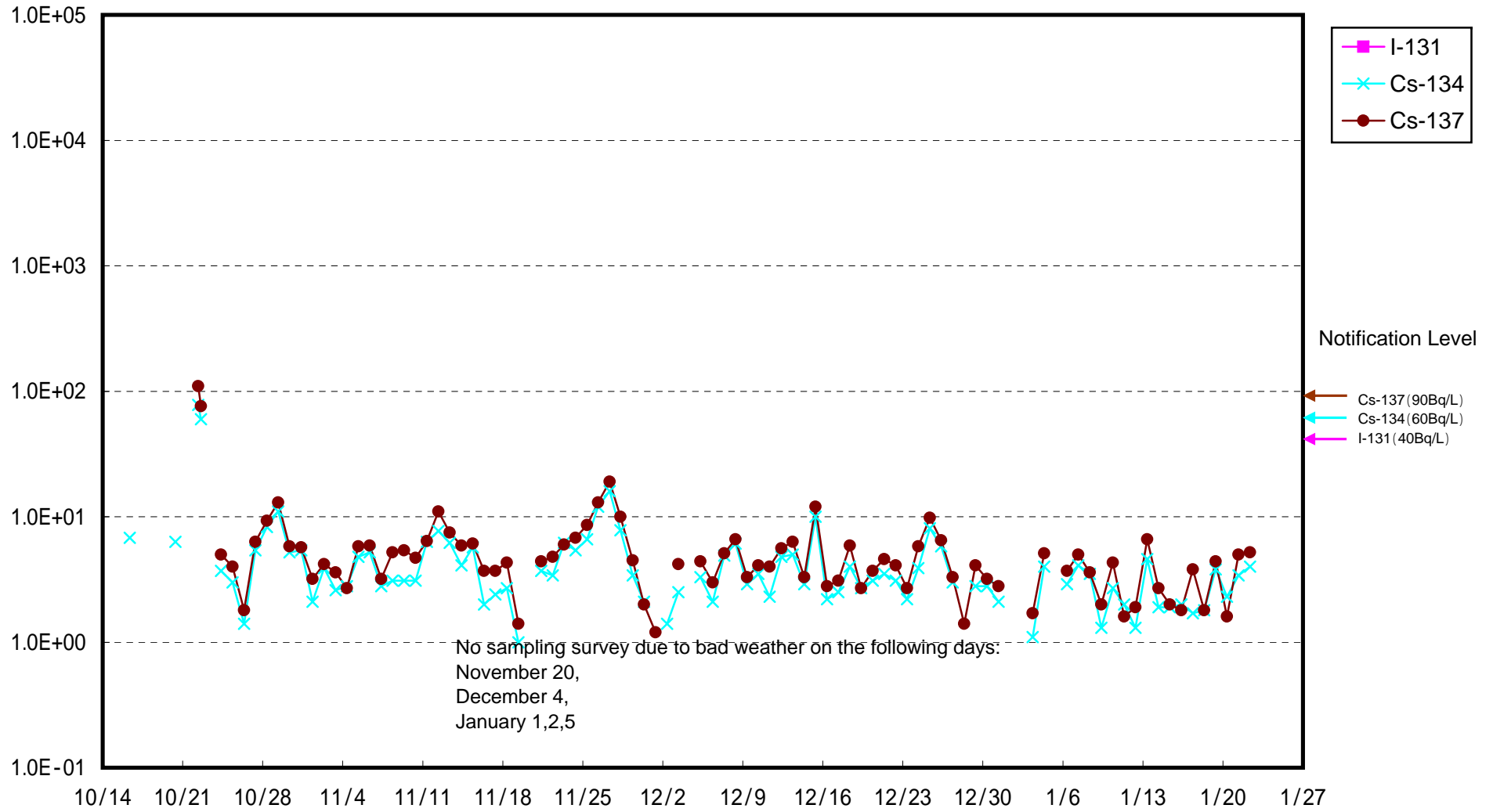
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Sampling survey in <Coastal> was not partially conducted and sampling survey in <Offshore> was not conducted due to bad weather.
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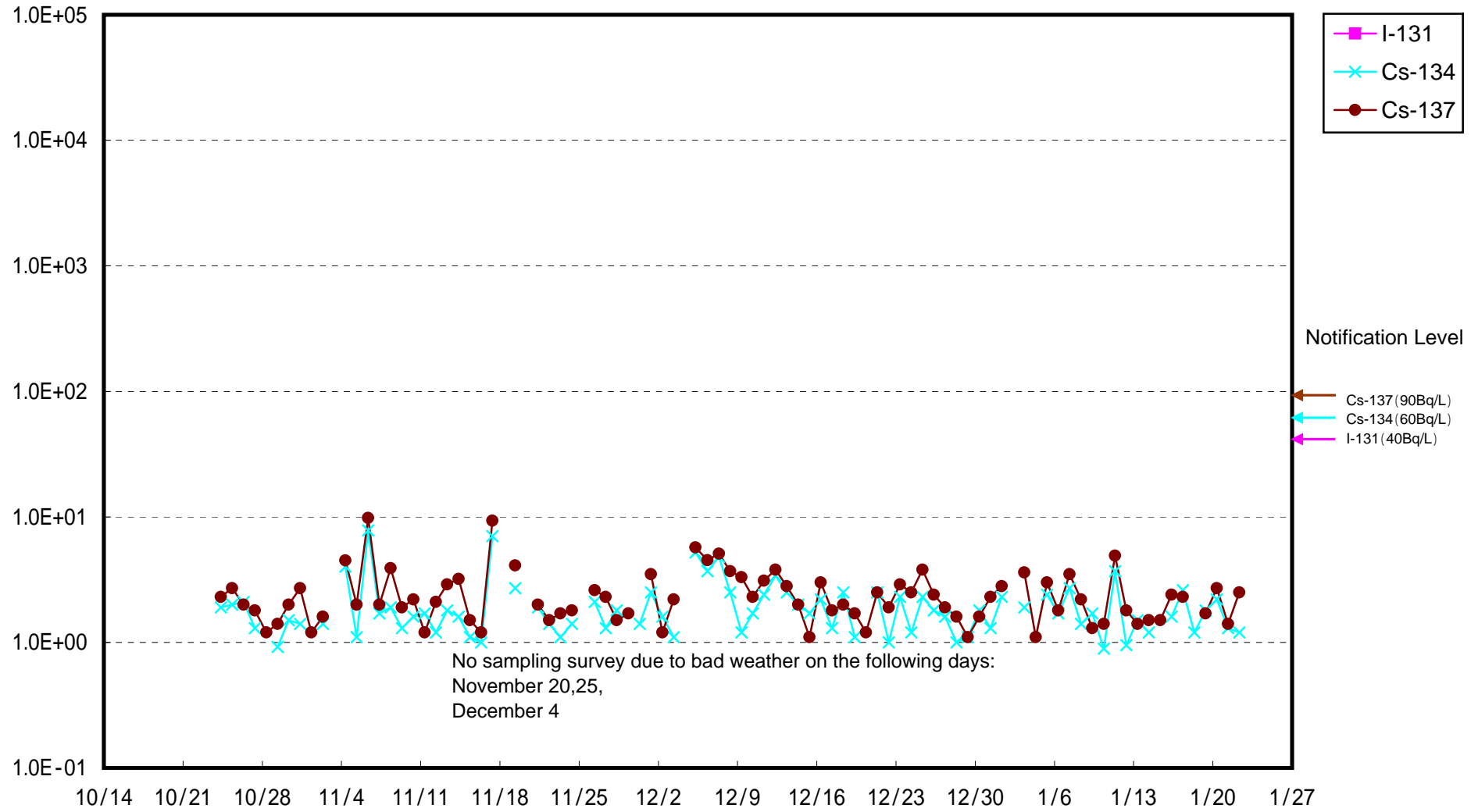
# Radioactivity Density of Seawater (Bq/L)



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)

