

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

Reference

(Data summarized on March 14)

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 )					
Time of Sampling	Mar 13, 2012 08:40 am	Mar 13, 2012 (Not sampled)	Mar 13, 2012 (Not sampled)	Mar 13, 2012 08:00 am	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)				
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	-
Cs-134 (about 2 years)	4.2	0.07	-	-	-	-	ND	-	60
Cs-137 (about 30 years)	5.8	0.06	-	-	-	-	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.

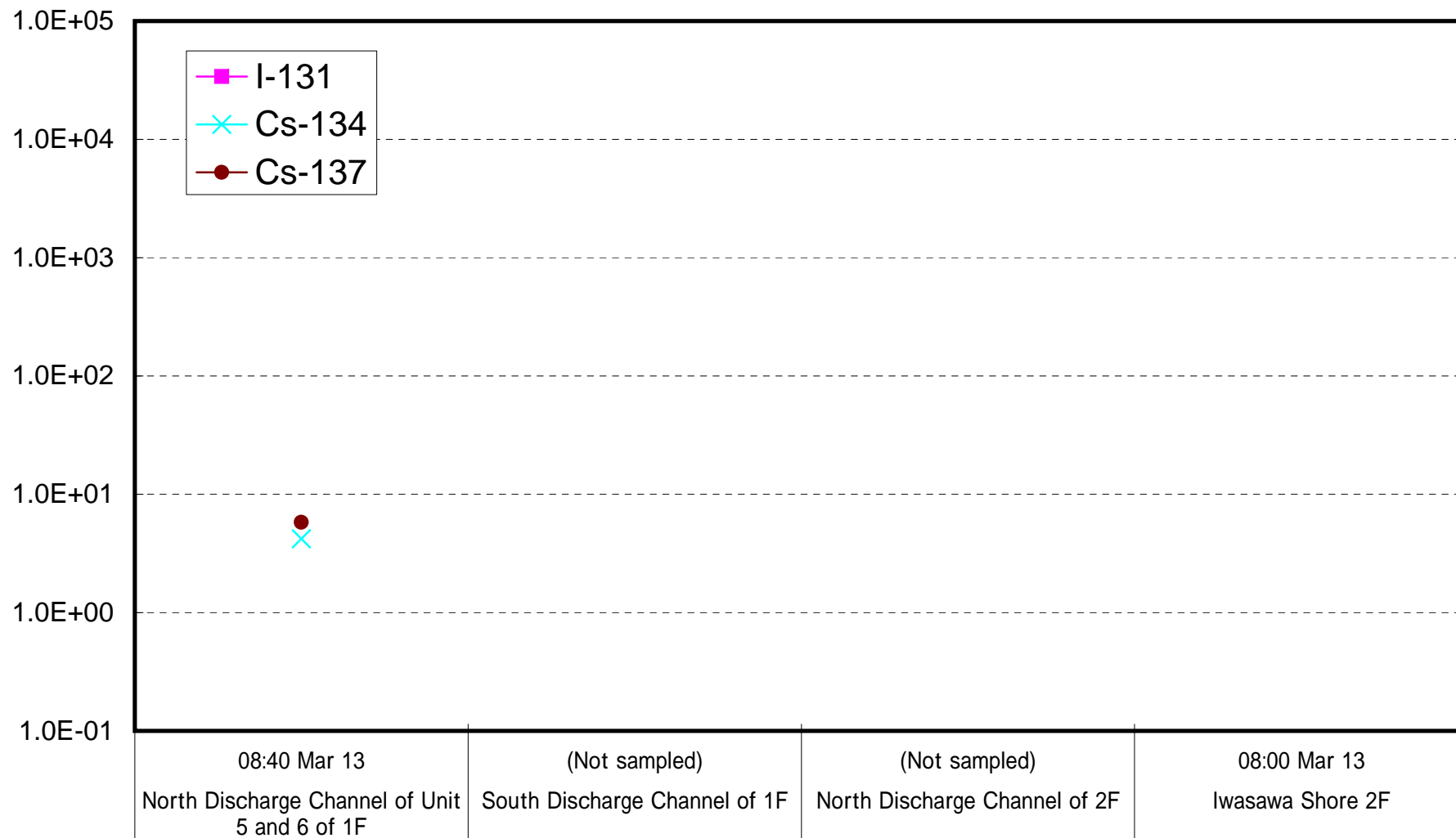
\* "ND" means the sampled data is below measurable limit.

I-131: approx. 0.65Bq/L, Cs-134: approx. 0.81Bq/L, Cs-137: approx. 1.1Bq/L

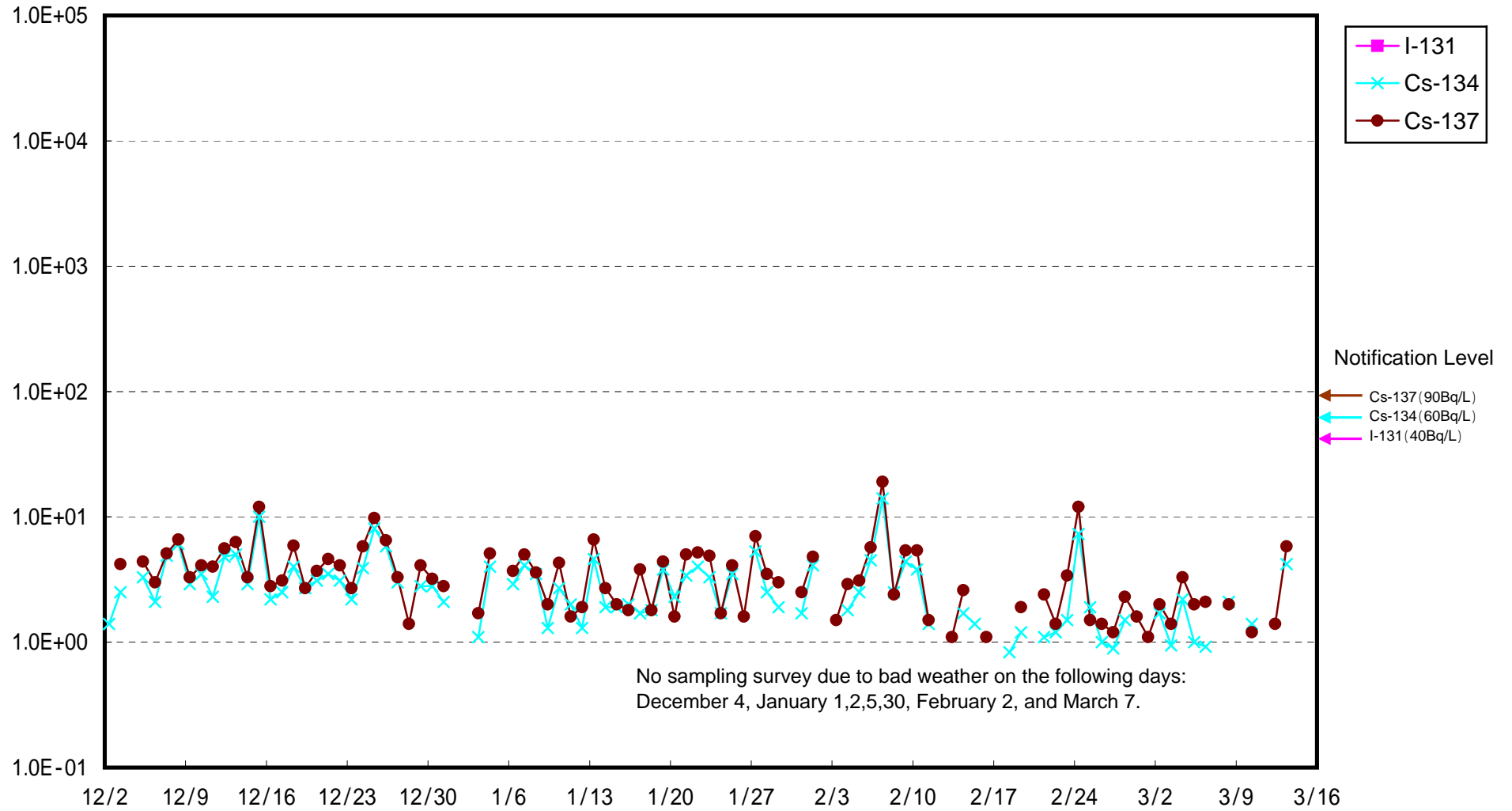
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

2 out of 4 samplings were cancelled 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 Iwasawa Shore 2F (Bq/L)

