

Nuclide Analysis Results of Radioactive Materials in Seawater < Coast, Fukushima Daiichi Nuclear Power Station >

Reference

(Data summarized on April 25)

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)		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	Apr. 24, 2012 8:55	Apr. 24, 2012 8:35			
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	
I-131 (approx. 8 days)	ND	-	ND	-	40
Cs-134 (approx. 2 years)	ND	-	ND	-	60
Cs-137 (approx. 30 years)	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. 0.83Bq/L, Cs-134: approx. 2.0Bq/L, Cs-137: approx. 2.4Bq/L

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

Reference

Nuclide Analysis Results of Radioactive Materials in Seawater < Offshore of Fkushima Daini NPS remeasurement >

(Data summarized on April 25)

Place of Sampling	Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Iwasawa Shore 2F (approx. 7Km 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	Apr. 17, 2012 8:20		Apr. 17, 2012 7:50		
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	
I-131 (approx. 8 days)	ND	-	ND	-	40
Cs-134 (approx. 2 years)	0.44	0.01	0.45	0.01	60
Cs-137 (approx. 30 years)	0.83	0.01	0.46	0.01	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.

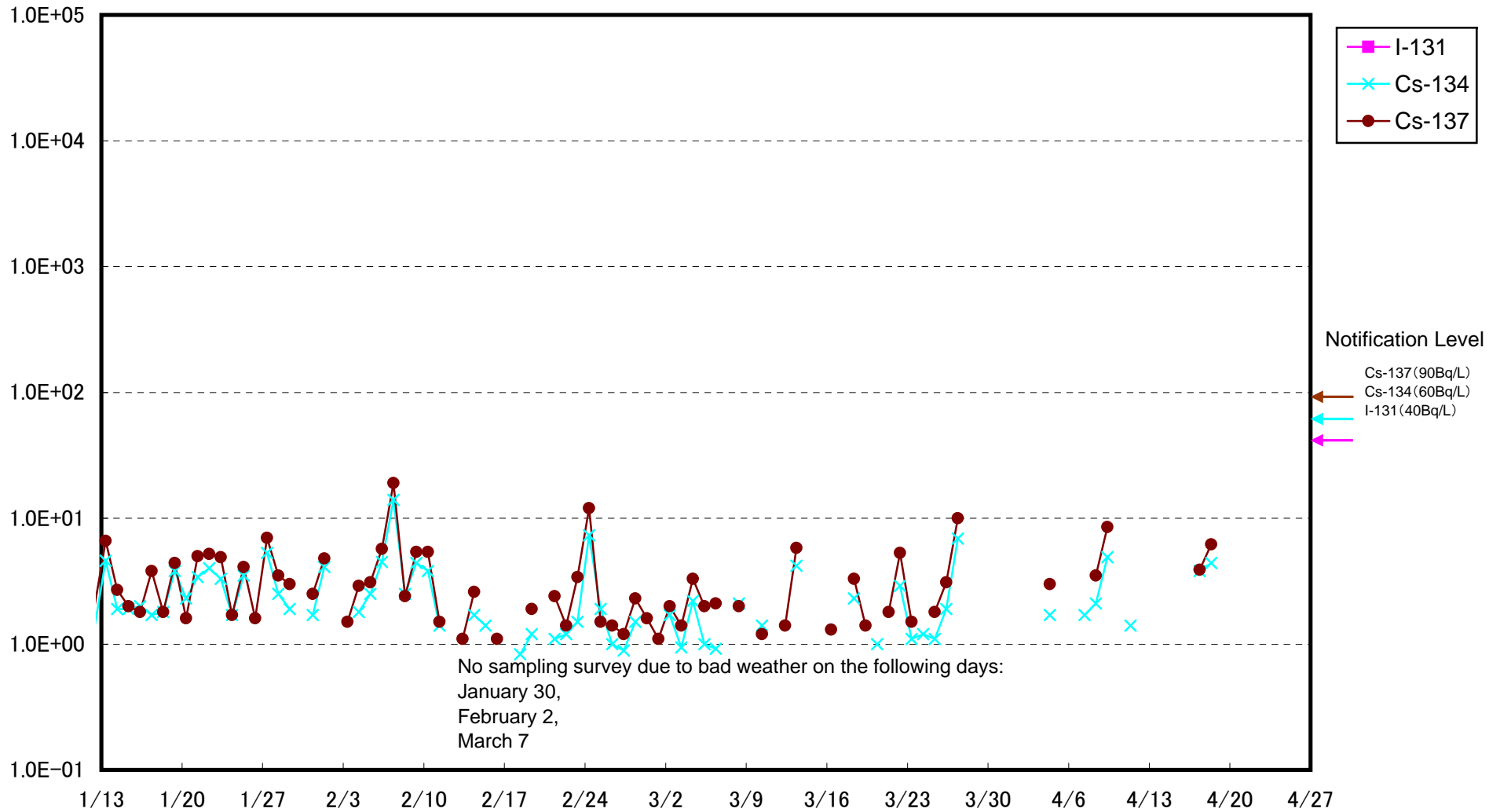
* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

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

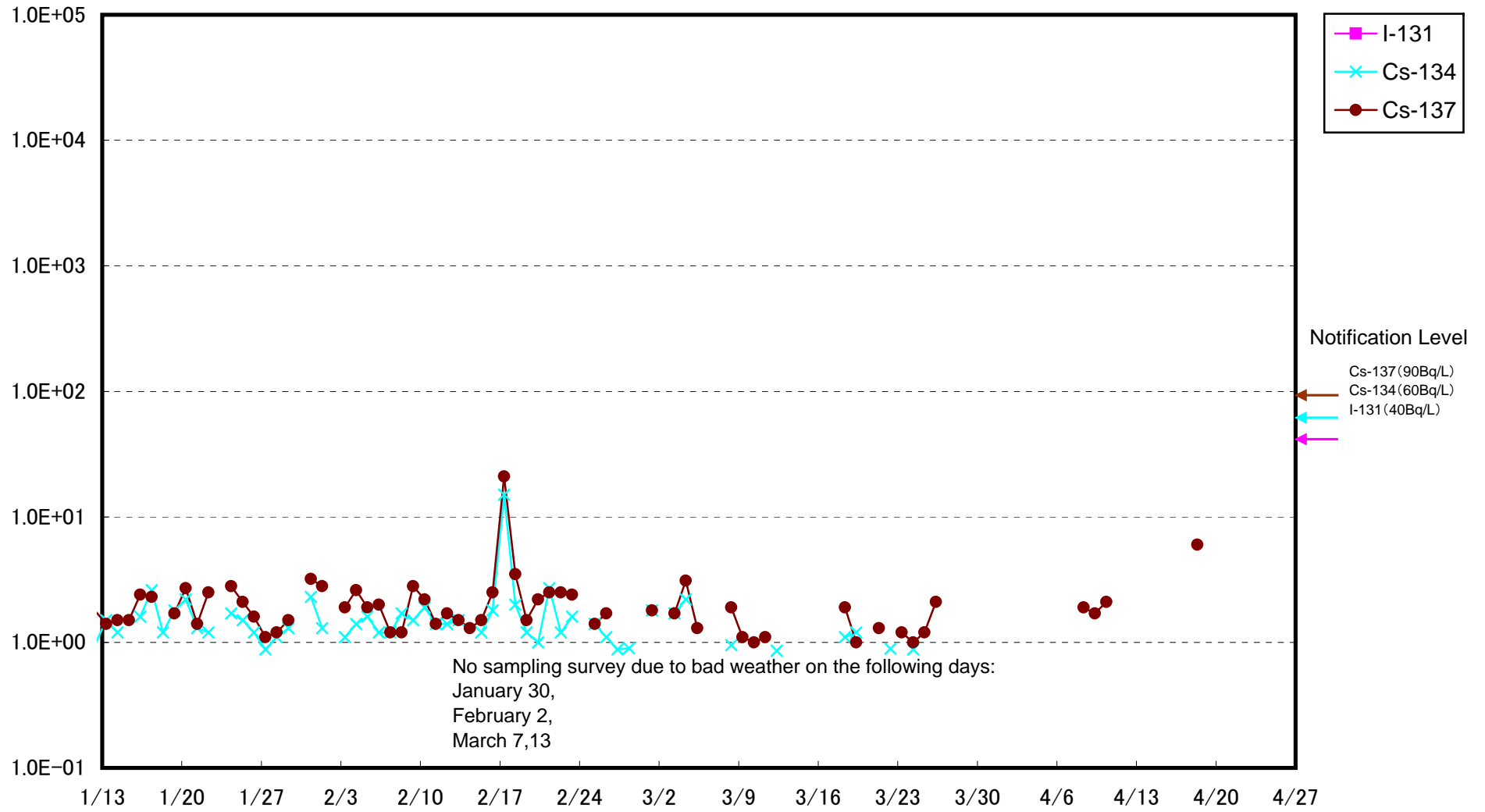
I-131: approx. 0.21Bq/L

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

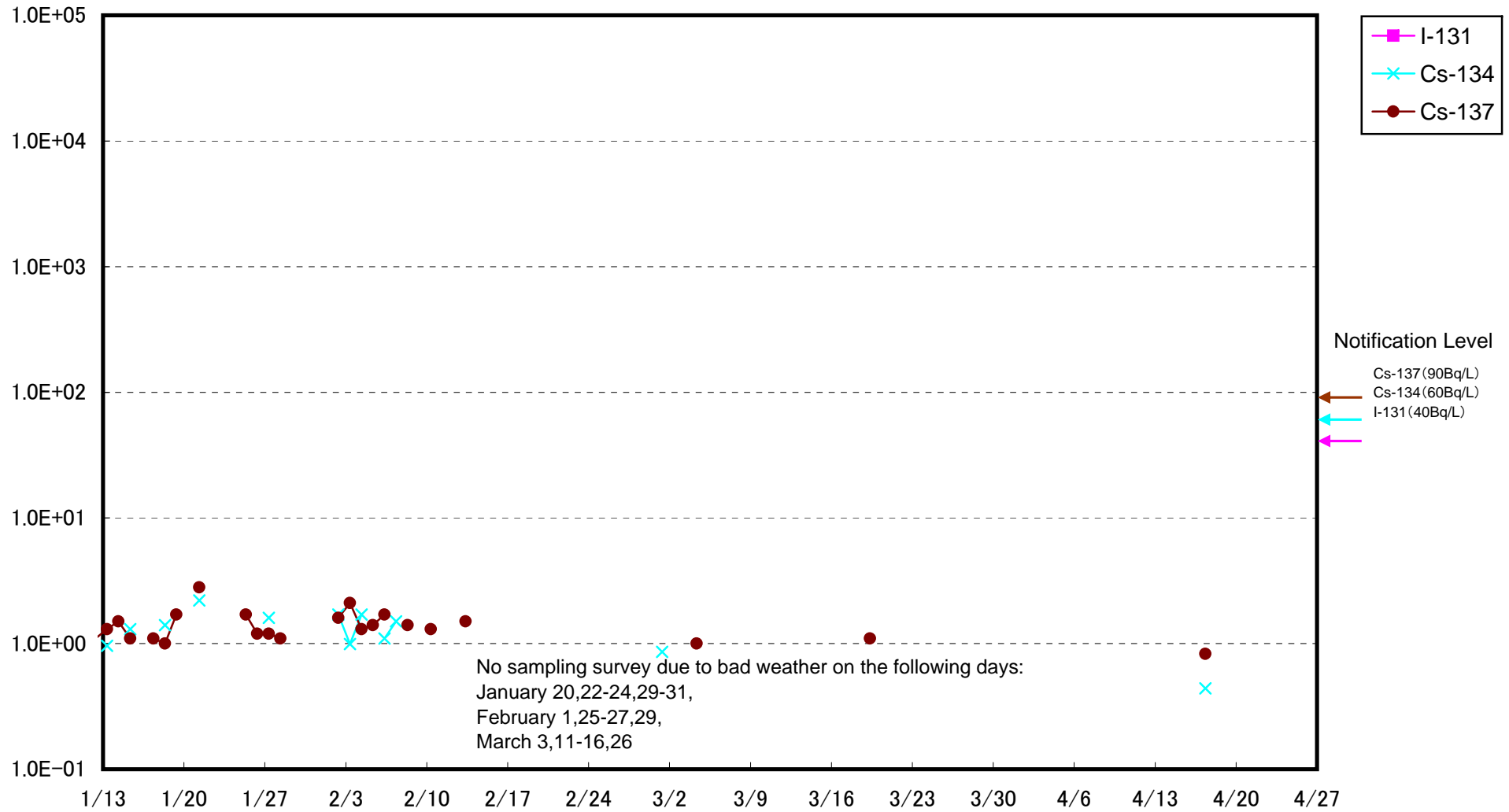
Radioactivity Density of Seawater at North of 1F5-6 Discharge Channel (Bq/L)



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



Radioactivity Density of Seawater at North Discharge Channel of 2F (Bq/L)



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

