

Nuclides Analysis Result of Radioactive Materials in the Seawater < 1/2 >

(Data summarized on December 12)

Place of Sampling (Place No.)	15km Offshore of Fukushima Daiichi NPS(T-5) Upper Layer		3km Offshore of Ukedo River (T-D1) Upper Layer		3km Offshore of Fukushima Daiichi NPS (T-D5) Upper Layer		② Density Limit Specified by the Reactor Regulation (Bq/L) (The density limit in the water outside the surrounding monitored areas is provided in section 6 of Appendix 2.)
	Date of Sampling		Date of Sampling		Date of Sampling		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
Cs-134 (Approx. 2 years)	0.0019	0.00	0.0026	0.00	0.0045	0.00	60
Cs-137 (Approx. 30 years)	0.0072	0.00	0.011	0.00	0.010	0.00	90
H-3 (approx. 12yrs)	0.50	0.00	0.49	0.00	ND	—	60,000
All α	—	—	—	—	—	—	—
All β	ND	—	ND	—	ND	—	—
Sr-90 (Approx. 29 years)	—	—	—	—	—	—	30

* The density specified by the Reactor Regulation is converted from Bq/cm³ to Bq/L.

* In the case of more than 2 nuclides, the sum of scaling factors to density limits is compared to 1.

* Nuclide analysis results of Cs-134, Cs-137 and Gross β were announced on November 26 and December 9

(Evaluation)

Although H-3 was detected supposedly as a result of this accident, they are less than the density limit in the water which is specified by the announcer

Nuclides Analysis Result of Radioactive Materials in the Seawater <2/2>

(Data summarized on December 12)

Place of Sampling (Place No.)	Fukushima Daini Offshore3km (T-D9) Upper Layer						② Density Limit Specified by the Reactor Regulation (Bq/L) (The density limit in the water outside the surrounding monitored areas is provided in section 6 of Appendix 2.)
Date of Sampling	25 Oct, 2014						
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
Cs-134 (Approx. 2 years)	0.0066	0.00					60
Cs-137 (Approx. 30 years)	0.020	0.00					90
H-3 (approx. 12yrs)	0.52	0.00					60,000
All α	—	—					—
All β	ND	—					—
Sr-90 (Approx. 29 years)	—	—					30

* The density specified by the Reactor Regulation is converted from Bq/cm³ to Bq/L.

* In the case of more than 2 nuclides, the sum of scaling factors to density limits is compared to 1.

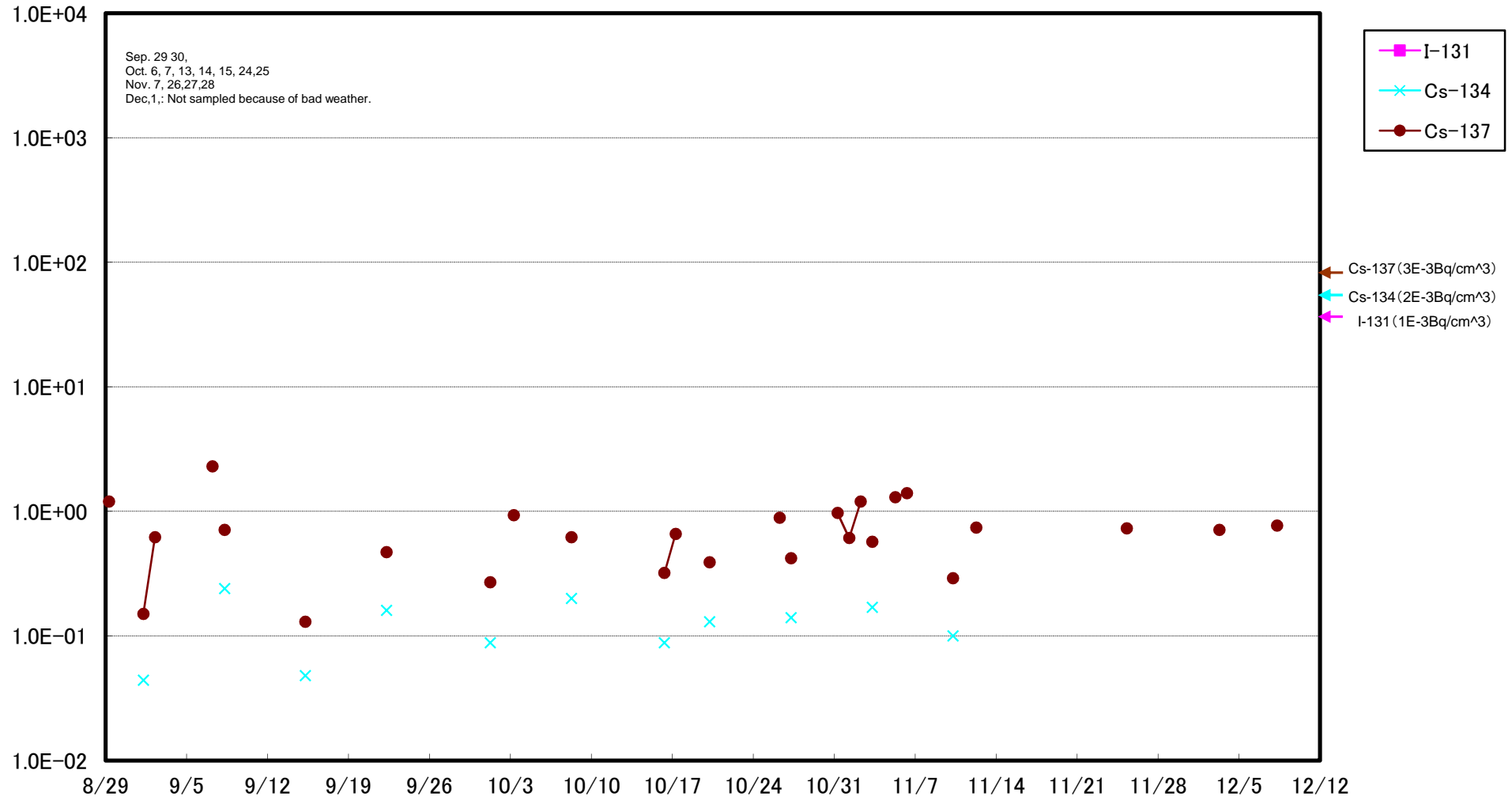
* Nuclide analysis results of I-131, Cs-134, Cs-137 and Gross β were announced on April 15. Nuclide analysis results of H-3 were announced on Nov 26.

* When the measurement value is below the detection limit, "ND" is marked.

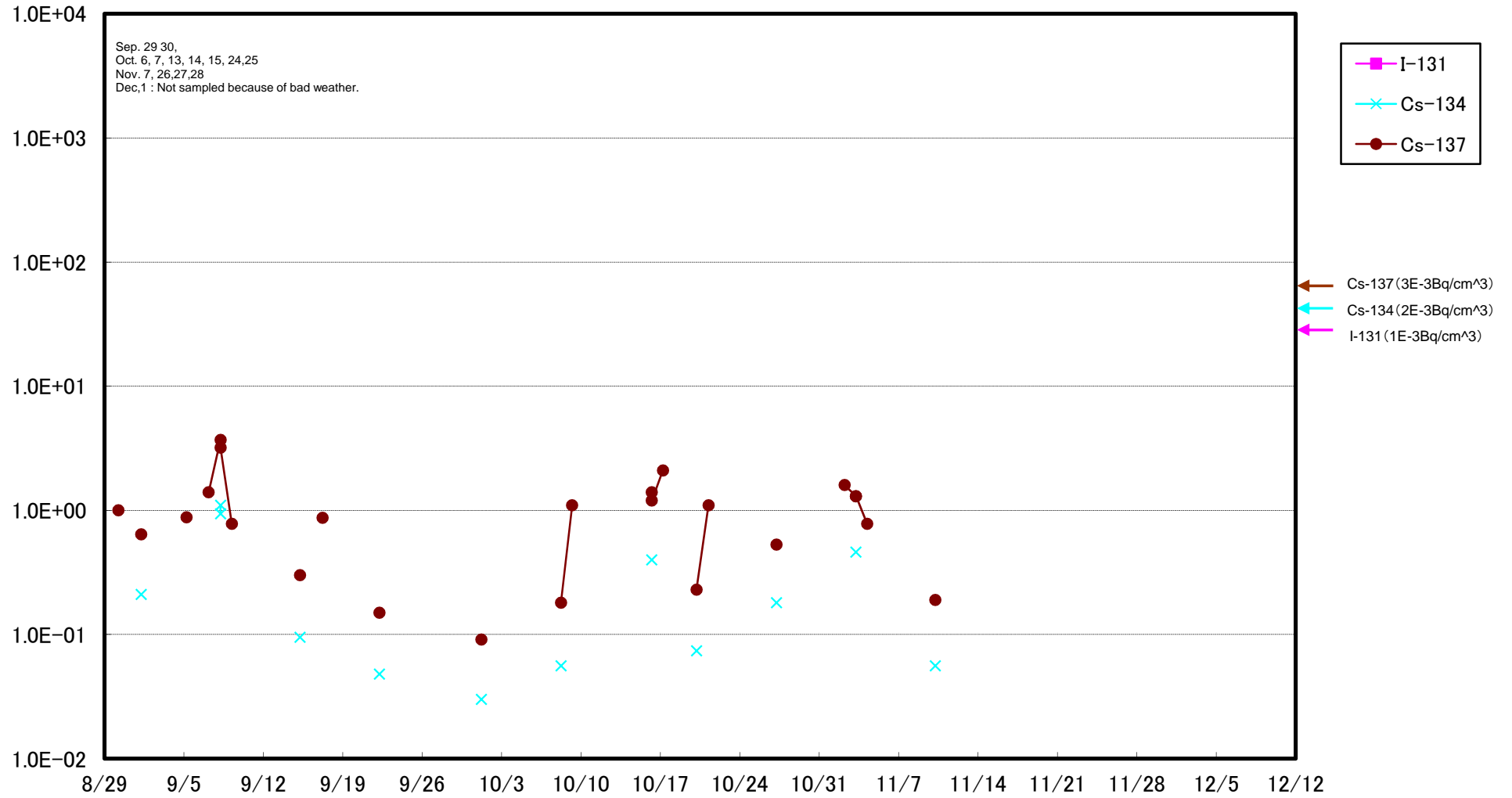
(Evaluation)

Although H-3 was detected supposedly as a result of this accident, they are less than the density limit in the water which is specified by the announcement.

Radioactivity Density of the Seawater at 1F Units 5-6 North Discharge Channel (Bq/L)



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



Nuclides Analysis Result of the Radioactive Materials in the Seawater < Coast, Fukushima Daiichi Nuclear Power Station >

(Data summarized on December 12)

Place of Sampling	North of Unit 5-6 Discharge Channel at Fukushima Daiichi NPS (Approx. 30m North of Unit 5-6 Discharge Channel)		Around South Discharge Channel of Fukushima Daiichi NPS (Approx. 1.3km South of Unit 1-4 Discharge Channel)		② Density Limit Specified by the Reactor Regulation (Bq/L) (The density limit in the water outside the surrounding monitored areas is provided in section 6 of Appendix 2.)
Time of Sampling	Dec 11, 2014 7:15 AM		Dec 11, 2014 5:50 AM		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (Approx. 8 days)	ND(0.72)	-	ND(0.64)	-	40
Cs-134 (Approx. 2 years)	ND(0.85)	-	ND(0.59)	-	60
Cs-137 (Approx. 30 years)	ND(0.62)	-	ND(0.74)	-	90

* The density specified by the Reactor Regulation is converted from Bq/cm³ to Bq/L.

* Data of other nuclides is under evaluation.

* In the case of more than 2 nuclides, the sum of scaling factors to density limits is compared to 1.

* "ND" indicates that the measurement result is below the detection limit, which is provided in parentheses.