Reference

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

(Data summarized on May 14)

Place of Sampling	North of Discharge Cha (approx. 30m north of 5-60		Around South Dischard (appox. 330m south of Channe	of 1-4u Discharge	Density limit by the announcement of Reactor Regulation (Bq/L)
Time of Sampling	May 13, 2 8:30 Al		May 13, 2 8:15 A	(the density limit in the water outside of	
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	areas in the section 6 of the appendix 2)
I-131 (approx. 8 days)	ND	-	ND	-	40
Cs-134 (approx. 2 years)	ND	-	1.4	0.02	60
Cs-137 (approx. 30 years)	ND	-	2.4	0.03	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.

^{* &}quot;ND" means the sampled data is below measurable limit.

I-131: approx. 0.54Bq/L, Cs-134: approx. 1.3Bq/L, Cs-137: approx. 1.6Bq/L

Nuclide Analysis Results of Radioactive Materials in Seawater <offshore 1/4>

(Data summarized on May 14)

Place of Sampling (No.)	3km Offs	shore of C)daka Ward (T-	*1 14)	3km Offs	shore of C)daka Ward (T-	*1 14)	3km off	shore of U	Jkedo river (T-D	*2)1)	② Density limit by the announcement of
	UpperLa	yer	Lower La	yer	UpperLa	yer	Lower Layer		UpperLayer		Lower Layer		Reactor Regulation (Bg/L)
Time of Sampling	Apr 6, 20 10:10 <i>A</i>			Apr 6, 2012 10:10 AM		Apr 10, 2012 9:50 AM		Apr 10, 2012 9:50 AM		012 M	Apr 6, 2012 9:25 AM		(the density limit in the water outside of
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	surrounding monitored areas in the section 6 of the appendix 2)										
Cs-134 (approx. 2 years)	0.049	0.00	0.072	0.00	0.024	0.00	0.034	0.00	0.066	0.00	0.067	0.00	60
Cs-137 (approx. 30 years)	0.068	0.00	0.098	0.00	0.034	0.00	0.046	0.00	0.091	0.00	0.094	0.00	90

Place of Sampling (No.)	3kn	*2 3km Offshore of 1F (T-D5)				n Offshore	e of 2F (T-D9)	*2	151	km Offsho	re of 1F(T-5)	*1	② Density limit by the announcement of
	UpperLa	yer	Lower La	yer	UpperLa	yer	Lower Layer		UpperLayer		Lower Layer		Reactor Regulation (Bg/L)
Time of Sampling	Apr 6, 20 8:30 A		' '	Apr 6, 2012 8:30 AM		Apr 7, 2012 9:00 AM		Apr 7, 2012 9:00 AM		012 \M	Apr 7, 2012 10:00 AM		(the density limit in the water outside of
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)	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)	surrounding monitored areas in the section 6 of the appendix 2)
Cs-134 (approx. 2 years)	0.084	0.00	0.20	0.00	0.071	0.00	0.071	0.00	0.028	0.00	0.026	0.00	60
Cs-137 (approx. 30 years)	0.11	0.00	0.27	0.00	0.096	0.00	0.098	0.00	0.042	0.00	0.039	0.00	90

^{*} Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L.

Cs-134: approx. OBq/L, Cs-137: approx. OBq/L

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

^{*} Analyzed by: *1 THE GENERAL ENVIRONMENTAL TECHNOS Co., LTD., *2 Tokyo Electric Power Environmental Engineering Co., Inc.

^{* &}quot;ND" means the sampled data is below measurable limit.

Nuclide Analysis Results of Radioactive Materials in Seawater < offshore 2/4>

(Data summarized on May 14)

Place of Sampling (No.)	Iwasawa Seashoreoffshore3km (T-11) Upper Layer Lower Layer Apr 07. 2012 Apr 07. 2012 8:05 AM 8:05 AM				3km offsho Upper La Apr 10. 2 7:20 A	yer 012	n of Iwaki City Lower La Apr 10. 2 7:20 A	yer 012	Natsui F Upper La Apr 10. 2 6:50 A	012	7-1) lyer 2012 M	② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of	
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)	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)	surrounding monitored areas in the section 6 of the appendix 2)
Cs-134 (approx. 2 years)	0.19	0.00	0.23	0.00	0.086	0.00	0.080	0.00	0.085	0.00	0.061	0.00	60
Cs-137 (approx. 30 years)	0.26	0.00	0.30	0.00	0.12	0.00	0.11	0.00	0.11	0.00	0.088	0.00	90

Place of Sampling (No.)	3km c		Toyoma (T-20	,	Around Offs		ido River 2km Lower La		Around Offs		iido River 2km Lower La	,	2 Density limit by the announcement of Reactor Regulation
Time of Sampling	Apr 10, 2 6:20 A		Apr 10, 2	Apr 10, 2012 6:20 AM		Mar 29, 2012 6:50 AM		N/A		012 M	Apr 6, 2012 6:33 AM		(Bq/L) (the density limit in the water outside of
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	surrounding monitored areas in the section 6 of the appendix 2)										
Cs-134 (approx. 2 years)	0.075	0.00	0.055	0.00	0.13	0.00	-	-	0.20	0.00	0.24	0.00	60
Cs-137 (approx. 30 years)	0.10	0.00	0.073	0.00	0.17	0.00	-	-	0.27	0.00	0.32	0.00	90

^{*} Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L.

Cs-134: approx. OBq/L, Cs-137: approx. OBq/L

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

^{*} Analyzed by THE GENERAL ENVIRONMENTAL TECHNOS Co., LTD.,

^{* &}quot;ND" means the sampled data is below measurable limit.

Nuclide Analysis Results of Radioactive Materials in Seawater < offshore 3/4>

(Data summarized on May 14)

Place of Sampling (No.)	Around Offshore of Kido River 5km (T-S6) Upper Layer Lower Layer Mar 29. 2012 N/A 7:20 AM				Around Offs Upper La Apr 10. 2 6:25 A	ido River 5km Lower La Apr 10. 2 6:25 A				② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of			
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)	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)	surrounding monitored areas in the section 6 of the appendix 2)
Cs-134 (approx. 2 years)	0.060	0.00	-	-	0.061	0.00	0.039	0.00					60
Cs-137 (approx. 30 years)	0.079	0.00	-	-	0.085	0.00	0.054	0.00					90

Place of Sampling (No.)												② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of	
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	surrounding monitored areas in the section 6 of the appendix 2)										
Cs-134 (approx. 2 years)													60
Cs-137 (approx. 30 years)													90

^{*} Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L.

Cs-134: approx. OBq/L, Cs-137: approx. OBq/L

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

^{*} Analyzed by THE GENERAL ENVIRONMENTAL TECHNOS Co., LTD.,

^{* &}quot;ND" means the sampled data is below measurable limit.

Nuclide Analysis Results of Radioactive Materials in Seawater < offshore 4/4>

(Data summarized on May 14)

Place of Sampling (No.)	1F site offsho (T-E1 Upper La)	2F site offsho (T-H1 Upper La)	2F site offsho (T-G4 Upper La)							② Density limit by the announcement of Reactor Regulation (Bg/L)
Time of Sampling	Mar 23. 2 10:13 A	-	Mar 23. 2 12:01 P	-	Mar 23. 2 8:17 Al	-							(the density limit in the water outside of
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)	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)	surrounding monitored areas in the section 6 of the appendix 2)
Cs-134 (approx. 2 years)	0.040	0.00	0.064	0.00	0.019	0.00							60
Cs-137 (approx. 30 years)	0.053	0.00	0.085	0.00	0.026	0.00							90

Place of Sampling (No.)												② Density limit by the announcement of Reactor Regulation (Bq/L)	
Time of Sampling													(the density limit in the water outside of
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)	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)	surrounding monitored areas in the section 6 of the appendix 2)
Cs-134 (approx. 2 years)													60
Cs-137 (approx. 30 years)													90

^{*} Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L.

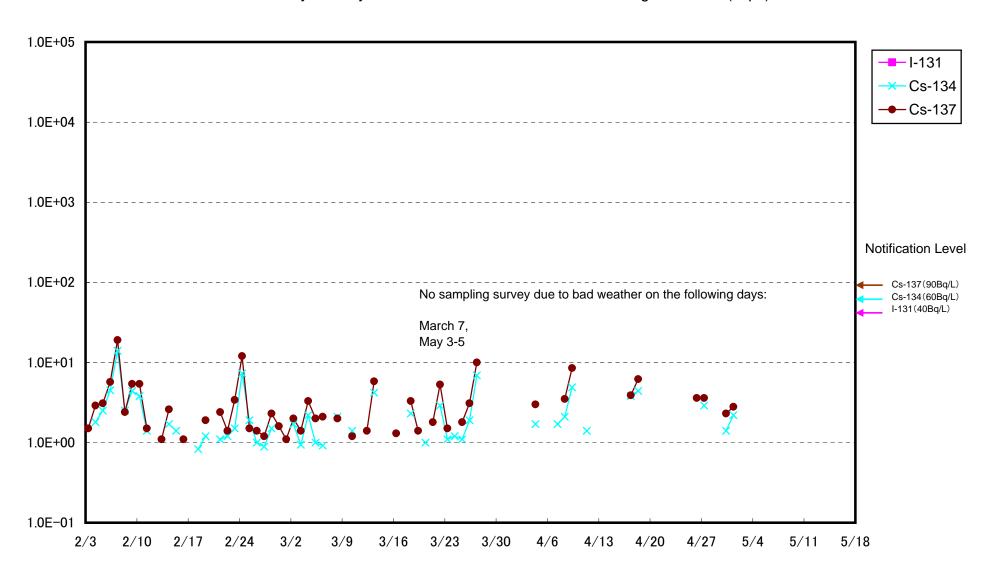
Cs-134: approx. OBq/L, Cs-137: approx. OBq/L

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

^{*} Analyzed by: *1 THE GENERAL ENVIRONMENTAL TECHNOS Co., LTD., *2 Tokyo Electric Power Environmental Engineering Co., Inc.

^{* &}quot;ND" means the sampled data is below measurable limit.

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)

