Reference

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

(Data summarized on October 5)

Place of Sampling	North of Unit 5-6 Discharge Channel at Fukushima Daiichi NPS (Approx. 30m North of Unit 5-6 Discharge Channel)		Around 1F South Discharge Channel of Fukushima Daiichi NPS (Appox. 330m 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	Oct 4, 2012 (Not sampled)		Oct 4, 2012 (Not sampled)		
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)	-	-	-	-	40
Cs-134 (Approx. 2 years)	-	-	-	-	60
Cs-137 (Approx. 30 years)	-	-	-	-	90

* The density specified by the Reactor Regulation is converted from Bq/cm^3 to Bq/L.

No sampling due to the bad weather.

Nuclides Analysis Result of Radioactive Materials in the Seawater < Offshore >

(Data summarized on October 5)

Place of Sampling (Place No.)	Around 1km Offshore of Ota River (T-S1)				Around 3km Offshore of Odaka Ward (T-S2)								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.)
	Upper Layer		Lower Layer		Upper Layer		Lower Layer		Upper Layer		Lower Layer		
Time of Sampling	Sep 4, 2012 6:35 AM		Sep 4, 2012 6:35 AM		Sep 4, 2012 5:59 AM		Sep 4, 2012 5:59 AM						
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)	
Cs-134 (Approx. 2 years)	0.013	0.00	0.016	0.00	0.012	0.00	0.016	0.00					60
Cs-137 (Approx. 30 years)	0.021	0.00	0.026	0.00	0.020	0.00	0.025	0.00					90

Place of Sampling (Place No.)													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.)
	Upper Layer		Lower Layer		Upper Layer		Lower Layer		Upper Layer		Lower Layer		
Time 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)	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)													60
Cs-137 (Approx. 30 years)													90

* The density specified by the Reactor Regulation is converted from Bq/cm^3 to Bq/L.
* In the case of more than 2 nuclides, the sum of scaling factors to density limits is compared to 1.
* Analyzed by：THE GENERAL ENVIRONMENTAL TECHNOS Co., LTD.

Nuclides Analysis Result of Radioactive Materials in the Seawater

(Data summarized on October 5)

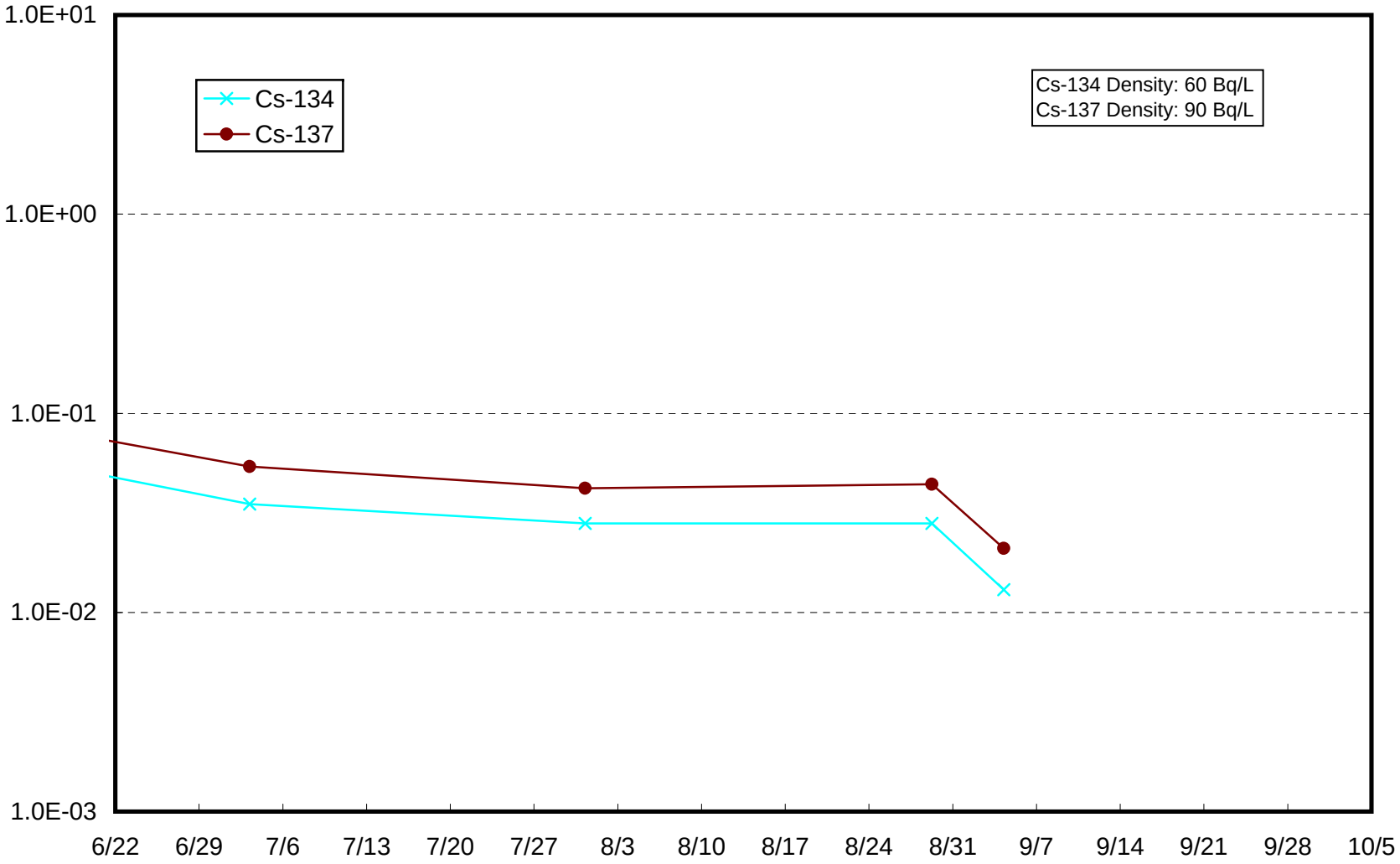
Place of Sampling (Place No.)	North of Unit 5-6 Discharge Channel at Fukushima Daiichi NPS (Approx. 30m North of Unit 5-6 Discharge Channel) (T-1)		Around the South Discharge Channel at Fukushima Daiichi NPS (Appox. 330m South of Unit 1-4 Discharge Channel) (T-2)				② Density Limit Specified by the Reactor 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	Sep 10, 2012		Sep 10, 2012				
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)	
I-131 (Approx. 8 days)	ND	-	ND	-			40
Cs-134 (Approx. 2 years)	ND	-	ND	-			60
Cs-137 (Approx. 30 years)	ND	-	ND	-			90
H-3 (approx. 12yrs)	3.1	0.00	ND	-			60,000
All α	ND	－	ND	－			－
All β	ND	－	ND	－			－
Sr-89 (Approx. 51 days)	＊	－	＊	－			300
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 all β, I-131, Cs-134 and Cs-137 at around south discharge channel were announced on September 11.
* When the measurement value is below the detection limit, "ND" is marked. The detection limits are as follows.
  I-131: Approx. 0.46Bq/L，Cs-134: Approx.1.2Bq/L，Cs-137: Approx.1.5Bq/L，H-3: Approx. 2.9Bq/L，All α: Approx. 0.11Bq/L，All β: Approx. 25Bq/L
  As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.
* "＊" in the "Density of Sample" columns indicates that the sample is under analysis.

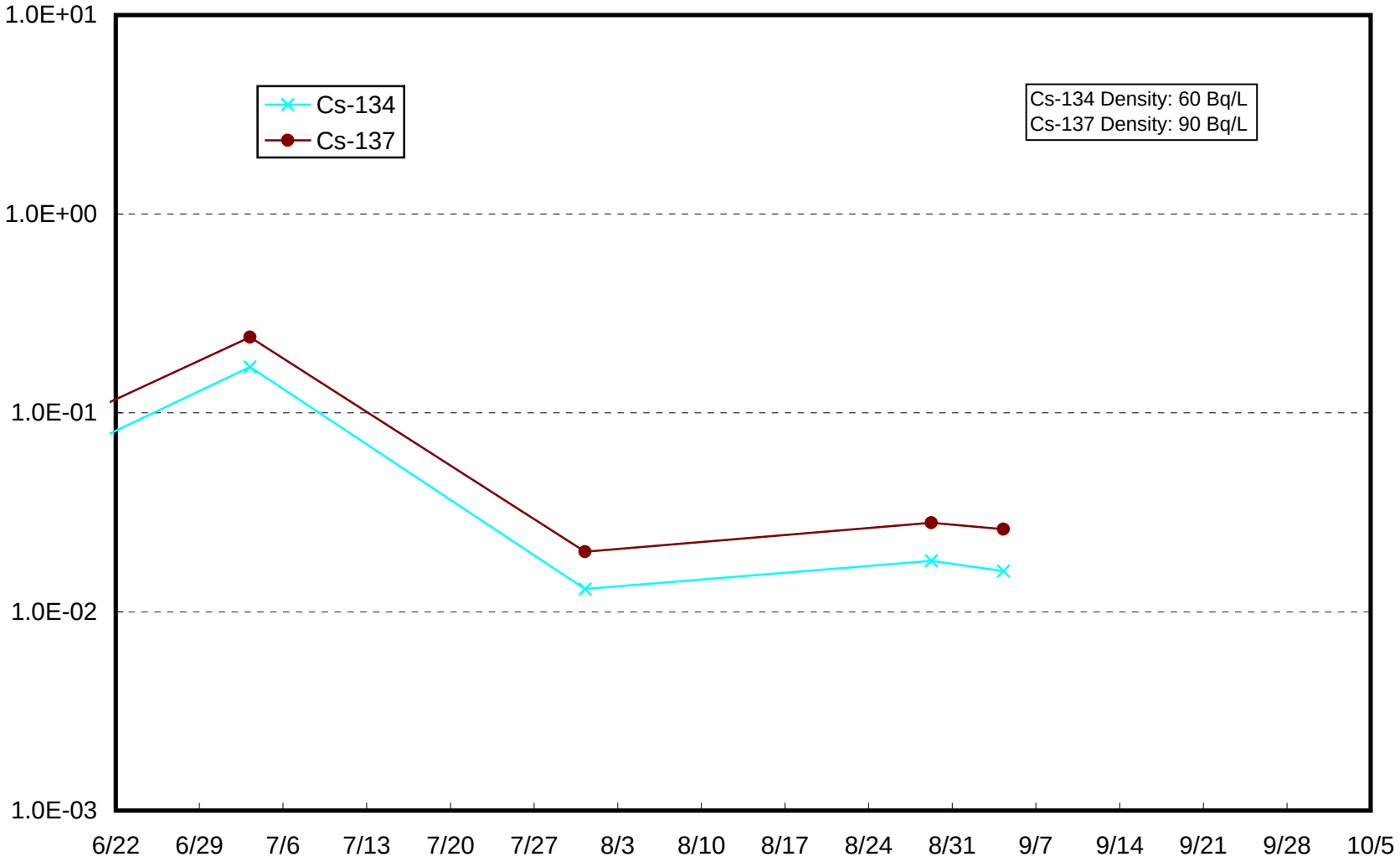
(Evaluation)

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

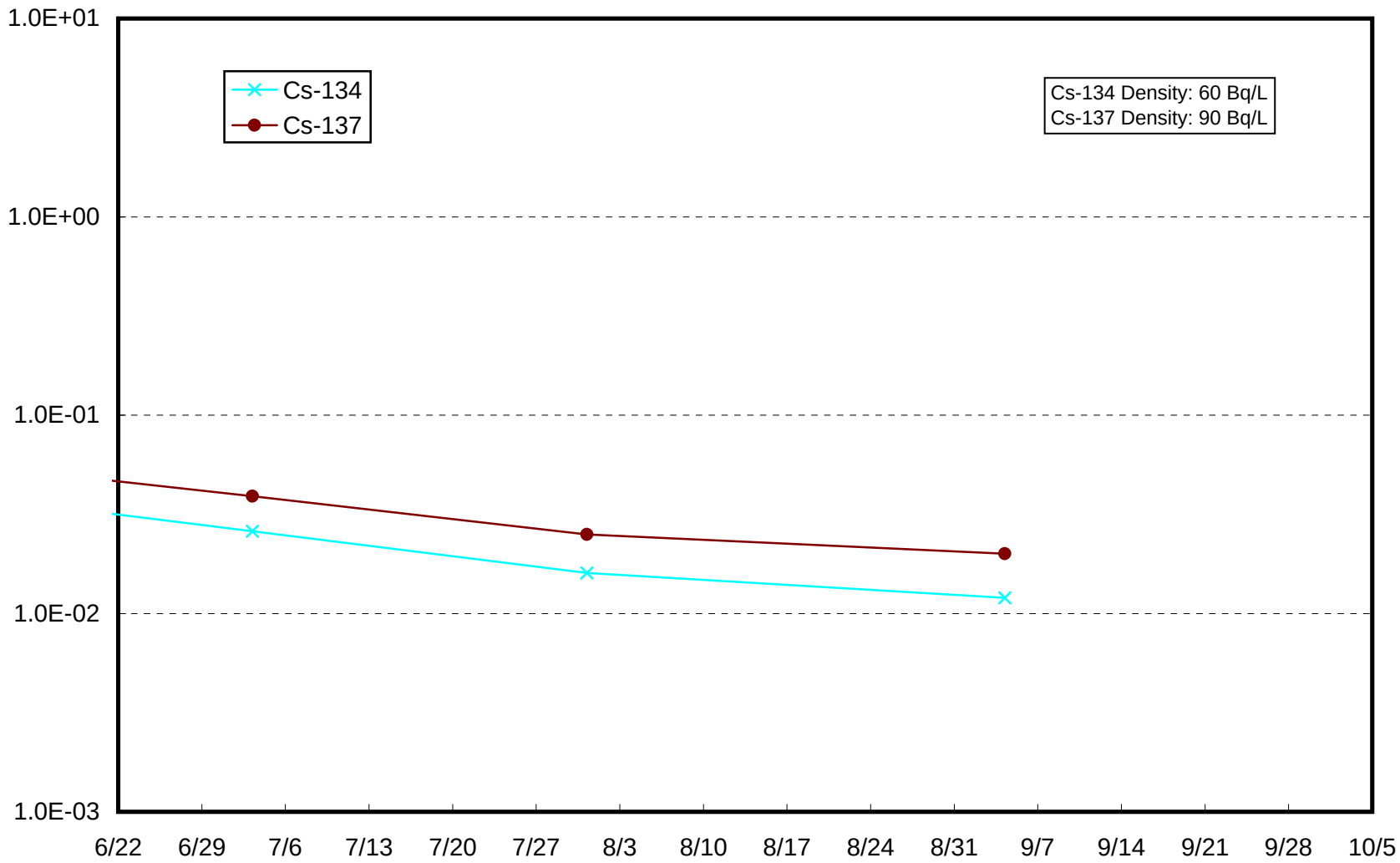
Radioactivity Density of the Seawater Around 1km Offshore of Ota River (T-S1) Upper Layer (Bq/L)



Radioactivity Density of the Seawater Around 1km Offshore of Ota River (T-S1) Lower Layer (Bq/L)



Radioactivity Density of the Seawater Around 3km Offshore of Odaka Ward (T-S2) Upper Layer (Bq/L)



Radioactivity Density of the Seawater Around 3km Offshore of Odaka Ward (T-S2) Lower Layer (Bq/L)