＜Reference＞
February 10, 2012
Tokyo Electric Power Company

Reference

Nuclide Analysis Results of Radioactive Materials in the Air at the Upper Part of the Reactor Building of Unit 1, Fukushima Daiichi (1/3)

(Data summarized on February 10)

Place of Sampling	Upper part of reactor buildin of Unit 1 ① (Filter inlet of cover exhaust gas system)		Upper part of reactor buildin of Unit 1 ② (Filter inlet of cover exhaust gas system)		Upper part of reactor buildin of Unit 1 ③ (Northwest corner of the cover)		②Density limit by the announcement of Reactor Regulation （Bq/cm3） (Density limit in the air to which radiation workers breathe in the section 4 of the appendix 2)
Time of Sampling	2012/2/7 6:31～7:31		2012/2/7 8:12～9:12		2012/2/7 4:29～5:29		
Detected Nuclides (Half-life)	①density of sample （Bq/cm3)	Scaling Factor (①/②)	①density of sample （Bq/cm3)	Scaling Factor (①/②)	①density of sample （Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	6.7E-06	0.00	ND	-	4.0E-06	0.00	2E-03
Cs-137 (about 30 years)	9.6E-06	0.00	ND	-	6.1E-06	0.00	3E-03

* O.OE－O means O.O x 10-O

Data of other nuclides are under examination.

* 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.

The followings show the detection limits. I-131: approx. 8E-7Bq/cm3, Cs-134: approx. 2E-6Bq/cm3, Cs-137: approx. 2E-6Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples. This survey shows results of the nuclide analysis of particulte radioactive materials in the air.

＜Reference＞
February 10, 2012
Tokyo Electric Power Company

Reference

Nuclide Analysis Results of Radioactive Materials in the Air at the Upper Part of the Reactor Building of Unit 1, Fukushima Daiichi (2/3)

(Data summarized on February 10)

Place of Sampling	Upper part of reactor buildin of Unit 1 ④ (Northeast corner of the cover)		Upper part of reactor buildin of Unit 1 ⑤ (Southwest corner of the cover)		Upper part of reactor buildin of Unit 1 ⑥ (Opening at the side of the operation floor)		②Density limit by the announcement of Reactor Regulation （Bq/cm3） (Density limit in the air to which radiation workers breathe in the section 4 of the appendix 2)
Time of Sampling	2012/2/7 3:27～4:27		2012/2/7 5:30～6:30		2012/2/7 8:34～9:34		
Detected Nuclides (Half-life)	①density of sample （Bq/cm3)	Scaling Factor (①/②)	①density of sample （Bq/cm3)	Scaling Factor (①/②)	①density of sample （Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	5.0E-06	0.00	2.7E-06	0.00	3.4E-06	0.00	2E-03
Cs-137 (about 30 years)	5.9E-06	0.00	6.1E-06	0.00	4.6E-06	0.00	3E-03

* O.OE－O means O.O x 10-O

Data of other nuclides are under examination.

* 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.
The followings show the detection limits. I-131: approx. 8E-7Bq/cm3
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples. This survey shows results of the nuclide analysis of particulte radioactive materials in the air.

＜Reference＞
February 10, 2012
Tokyo Electric Power Company

Reference

Nuclide Analysis Results of Radioactive Materials in the Air at the Upper Part of the Reactor Building of Unit 1, Fukushima Daiichi (3/3)

(Data summarized on February 10)

Place of Sampling	Upper part of reactor buildin of Unit 1 ⑦ (Ceiling of the spent fuel pool)						②Density limit by the announcement of Reactor Regulation （Bq/cm3） (Density limit in the air to which radiation workers breathe in the section 4 of the appendix 2)
Time of Sampling	2012/2/7 7:33～8:33						
Detected Nuclides (Half-life)	①density of sample （Bq/cm3)	Scaling Factor (①/②)	①density of sample （Bq/cm3)	Scaling Factor (①/②)	①density of sample （Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-					1E-03
Cs-134 (about 2 years)	4.8E-06	0.00					2E-03
Cs-137 (about 30 years)	8.8E-06	0.00					3E-03

* O.OE－O means O.O x 10-O

Data of other nuclides are under examination.

* 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.
The followings show the detection limits. I-131: approx. 7E-7Bq/cm3
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples. This survey shows results of the nuclide analysis of particulte radioactive materials in the air.