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April 17, 2012
Tokyo Electric Power Company

Reference

Result of Nuclide Analysis of Radioactive Material in the air above Reactor Building of Unit 1 Fukushima Daiichi Nuclear Power Station <1/3>

(Data summarized on April 17)

Place of Sampling	Upside of reactor building① (Exhaust cover system filter inlet)		Upside of reactor building② (Exhaust cover system filter outlet)		Upside of reactor building③ (NW corner of t he 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	April 2, 2012 8:50 ～ 9:50		April 2, 2012 7:23 ～ 8:23		April 2, 2012 6:47 ～ 7:47		
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 (approx. 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (approx. 2 years)	4.3E-06	0.00	ND	-	3.8E-06	0.00	2E-03
Cs-137 (approx. 30 years)	5.6E-06	0.00	ND	-	7.4E-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.

I-131: approx. 7E-7 Bq/cm^3, Cs-134: approx. 2E-6Bq/cm^3, Cs-137: approx. 2E-6Bq/cm^3

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

This analysis is the result of nuclide analysis of particle radioactive material in the air.

Reference

Result of Nuclide Analysis of Radioactive Material in the air above Reactor Building of Unit 1 Fukushima Daiichi Nuclear Power Station ＜2/3＞

(Data summarized on April 17)

Place of Sampling	Upside of reactor building④ (NE corner of the cover)		Upside of reactor building⑤ (SW corner of the cover)		Upside of reactor building⑥ (Open mouth to operating floor of the reactor building)		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	April 2, 2012 5:46～6:46		April 2, 2012 7:49～8:49		April 2, 2012 4:45～5:45		
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 (approx. 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (approx. 2 years)	3.0E-06	0.00	4.0E-06	0.00	3.4E-06	0.00	2E-03
Cs-137 (approx. 30 years)	4.9E-06	0.00	7.5E-06	0.00	5.0E-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.
I-131: approx. 8E-7 Bq/cm3
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.
This analysis is the result of nuclide analysis of particle radioactive material in the air.

Reference

Result of Nuclide Analysis of Radioactive Material in the air above Reactor Building of Unit 1 Fukushima Daiichi Nuclear Power Station ＜3/3＞

(Data summarized on April 17)

Place of Sampling	Above reactor building Unit 1⑦ (Ceiling part of 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	April 2, 2012 3:44 ～ 4:44						
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 (approx. 8 days)	ND	-					1E-03
Cs-134 (approx. 2 years)	5.3E-06	0.00					2E-03
Cs-137 (approx. 30 years)	5.9E-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.
I-131: approx. 8E-7 Bq/cm3
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.
This analysis is the result of nuclide analysis of particle radioactive material in the air.