< Reference >
April 17, 2012
Tokyo Electric Power Company

Reference

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

(Data summarized on April 17)

Place of Sampling	Upper part of reactor building of Unit 2 ① (central western side of blow-out pannel)		Upper part of reactor building of Unit 2 ② (central northern side of blow-out pannel)		Upper part of reactor building of Unit 2 ③ (central northan side of blow-out pannel)		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 13, 2012 8:45 ～10:45		April 13, 2012 8:45 ～10:45		April 13, 2012 11:00 ～ 13:00		
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)	4.1E-05	0.02	3.9E-05	0.02	4.5E-05	0.02	2E-03
Cs-137 (approx. 30 years)	5.3E-05	0.02	4.0E-05	0.01	6.1E-05	0.02	3E-03

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.

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. 4E-6 Bq/cm3, Cs-134: approx. 7E-6Bq/cm3, Cs-137: approx. 8E-6Bq/cm3
Particle I-131: approx. 2E-6 Bq/cm3
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

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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 2 Fukushima Daiichi Nuclear Power Station <2/2>

(Data summarized on April 17)

Place of Sampling	Upper part of reactor building of Unit 2 ④ (central northern side of blow-out pannel)						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 13, 2012 11:00 ～13:00						
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)	4.6E-05	0.02					2E-03
Cs-137 (approx. 30 years)	6.0E-05	0.02					3E-03

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.

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. 3E-6 Bq/cm3, Cs-134: approx. 7E-6Bq/cm3, Cs-137: approx. 8E-6Bq/cm3
Particle I-131: approx. 2E-6 Bq/cm3
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.