Nuclide Analysis Results of Radioactive Materials in the Air
at the Sites of Fukushima Nuclear Power Stations <1/2>

Reference

(Data summarized on September 1)

Place of Sampling	West Gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				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)*2
Time of Sampling	2011/8/31 7:00～12:00		2011/8/31 9:29～9:39				
Detected Nuclides (Half-life)	①Radioactivity density*1 *3 （Bq/cm3）	Scaling Factor (①/②)	①Radioactivity density*1 *3 （Bq/cm3）	Scaling Factor (①/②)	①Radioactivity density*1 *3 （Bq/cm3）	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-			1E-03
Cs-134 (about 2 years)	ND	-	ND	-			2E-03
Cs-137 (about 30 years)	ND	-	ND	-			3E-03

*1 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.

*2 In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

*3 "ND" means the sampled data is below measurable limit.

Detection limits of 3 nuclides on the West Gate of Fukushima Daiichi are as follows:

Volatile: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 3E-7Bq/cm3, Cs-137: approx. 4E-7Bq/cm3 Particulate: I-131: approx. 7E-8Bq/cm3, Cs-134: approx. 2E-7Bq/cm3, Cs-137: approx. 2E-7Bq/cm3

Detection limits of 3 nuclides on MP-1 of Fukushima Daini are as follows:

Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 3E-6Bq/cm3, Cs-137: approx. 3E-6Bq/cm3 Particulate: I-131: approx. 9E-7Bq/cm3, Cs-134: approx. 2E-6Bq/cm3, Cs-137: approx. 2E-6Bq/cm3

Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations <2/2>

Reference

(Data summarized on September 1)

Place of Sampling	Fukushima Daiichi MP-1		Fukushima Daiichi MP-3		Fukushima Daiichi MP-8		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)*2
Time of Sampling	2011/8/31 10:47～15:47		N/A		N/A		
Detected Nuclides (Half-life)	①Radioactivity density *1 *3 （Bq/cm3)	Scaling Factor (①/②)	①Radioactivity density *1 *3 （Bq/cm3)	Scaling Factor (①/②)	①Radioactivity density *1 *3 （Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-					1E-03
Cs-134 (about 2 years)	ND	-					2E-03
Cs-137 (about 30 years)	3.3E-07	0.00					3E-03

*1 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.

*2 In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

*3 "ND" means the sampled data is below measurable limit. The followings show the detection limits。 Volatile: I-131: approx. 2E-7Bq/cm3, Cs-134: approx. 5E-7Bq/cm3, Cs-137: approx. 5E-7Bq/cm3 Particulate: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 3E-7Bq/cm3

Nuclide Analysis Results of Radioactive Materials in the Air
at the seaside of the sites of Fukushima Nuclear Power Stations

Reference

(Data summarized on September 1)

Place of Sampling	Fukushima Daiichi Upper of South Breakwater		Fukushima Daiichi Upper of Megafloat		Fukushima Daiichi Upper of Offshore 2km-3km		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)*2
Time of Sampling	2011 Aug 31 (Not sampled)		2011/8/31 11:14～16:14		2011 Aug 31 (Not sampled)		
Detected Nuclides (Half-life)	①Radioactivity density *1 *3 （Bq/cm3)	Scaling Factor (①/②)	①Radioactivity density *1 *3 （Bq/cm3)	Scaling Factor (①/②)	①Radioactivity density *1 *3 （Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)			ND	-			1E-03
Cs-134 (about 2 years)			ND	-			2E-03
Cs-137 (about 30 years)			ND	-			3E-03

*1 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.

*2 In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

*3 "ND" means the sampled data is below measurable limit. The followings show the detection limits.。 Volatile: I-131: approx. 2E-7Bq/cm3, Cs-134: approx. 5E-7Bq/cm3, Cs-137: approx. 6E-7Bq/cm3 Particulate: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 4E-7Bq/cm3, Cs-137: approx. 4E-7Bq/cm3