

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS<1/13>

(Data summarized on May 26)

Place of Sampling	3rd Floor of Auxiliary Operation Shared Facility (Around the Machine Hatch)		3rd Floor of Auxiliary Operation Shared Facility (In Front of South Stairs)		3rd Floor of Auxiliary Operation Shared Facility (In Front of North Stairs)		② Density Limit Specified by the Reactor Regulation (Bq/cm ³) (Density limit in the air which radiation workers breathe in is specified in section 4 of Appendix 2)
Time of Sampling	March 31, 2014 8:25 AM	April 01, 2014 8:24 AM	March 31, 2014 8:27 AM	April 01, 2014 8:20 AM	March 31, 2014 8:21 AM	April 01, 2014 8:15 AM	
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm ³)	Scaling Factor (①/②)	①Density of Sample (Bq/cm ³)	Scaling Factor (①/②)	①Density of Sample (Bq/cm ³)	Scaling Factor (①/②)	
I-131 (Approx. 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (Approx. 2 years)	ND	-	ND	-	ND	-	2E-03
Cs-137 (Approx. 30 years)	ND	-	ND	-	ND	-	3E-03

* This is the result of airborne radionuclide analysis made when handling fuels.

* The radioactivity density is the sum of the volatile nuclides density and the particulate nuclides density.

O.OE—O is the same as O.O x 10^{-O}

Data of other nuclides is under examination.

* In the case of more than 2 nuclides, the sum of scaling factors to density limits is compared to 1.

* "ND" indicates that the measurement result is below the detection limit.

The detection limits are as follows. Volatile: I-131: Approx. 2E-8Bq/cm³, Cs-134: Approx.3E-8Bq/cm³, Cs-137: Approx.3E-8Bq/cm³ Particulate: I-131: Approx. 2E-8Bq/cm³, Cs-134: Approx.4E-8Bq/cm³, Cs-137: Approx.6E-8Bq/cm³ As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS<2/13>

(Data summarized on May 26)

Place of Sampling	3rd Floor of Auxiliary Operation Shared Facility (Around the Machine Hatch)		3rd Floor of Auxiliary Operation Shared Facility (In Front of South Stairs)		3rd Floor of Auxiliary Operation Shared Facility (In Front of North Stairs)		② Density Limit Specified by the Reactor Regulation (Bq/cm ³) (Density limit in the air which radiation workers breathe in is specified in section 4 of Appendix 2)
Time of Sampling	April 01, 2014 8:26 AM	April 02, 2014 9:04 AM	April 01, 2014 8:22 AM	April 02, 2014 9:07 AM	April 01, 2014 8:18 AM	April 02, 2014 9:02 AM	
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm ³)	Scaling Factor (①/②)	①Density of Sample (Bq/cm ³)	Scaling Factor (①/②)	①Density of Sample (Bq/cm ³)	Scaling Factor (①/②)	
I-131 (Approx. 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (Approx. 2 years)	ND	-	ND	-	ND	-	2E-03
Cs-137 (Approx. 30 years)	ND	-	ND	-	8.6E-08	0.00	3E-03

* This is the result of airborne radionuclide analysis made when handling fuels.

* The radioactivity density is the sum of the volatile nuclides density and the particulate nuclides density.

O.OE—O is the same as O.O x 10^{-O}

Data of other nuclides is under examination.

* In the case of more than 2 nuclides, the sum of scaling factors to density limits is compared to 1.

* "ND" indicates that the measurement result is below the detection limit.

The detection limits are as follows. Volatile: I-131: Approx. 4E-8Bq/cm³, Cs-134: Approx.7E-8Bq/cm³, Cs-137: Approx.1E-7Bq/cm³ Particulate: I-131: Approx. 3E-8Bq/cm³, Cs-134: Approx.4E-8Bq/cm³, Cs-137: Approx.6E-8Bq/cm³ As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS<3/13>

(Data summarized on May 26)

Place of Sampling	3rd Floor of Auxiliary Operation Shared Facility (Around the Machine Hatch)		3rd Floor of Auxiliary Operation Shared Facility (In Fornt of South Stairs)		3rd Floor of Auxiliary Operation Shared Facility (In Fornt of North Stairs)		② Density Limit Specified by the Reactor Regulation (Bq/cm ³) (Density limit in the air which radiation workers breathe in is specified in section 4 of Appendix 2)	
	Time of Sampling	April 05, 2014 8:02 AM	April 06, 2014 10:12 AM	Time of Sampling	April 05, 2014 8:01 AM	April 06, 2014 10:13 AM		Time of Sampling
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm ³)	Scaling Factor (①/②)	①Density of Sample (Bq/cm ³)	Scaling Factor (①/②)	①Density of Sample (Bq/cm ³)	Scaling Factor (①/②)		
I-131 (Approx. 8 days)	ND	-	ND	-	ND	-	1E-03	
Cs-134 (Approx. 2 years)	ND	-	ND	-	1.6E-08	0.00	2E-03	
Cs-137 (Approx. 30 years)	1.6E-08	0.00	2.1E-08	0.00	3.0E-08	0.00	3E-03	

* This is the result of airborne radionuclide analysis made when handling fuels.
 * The radioactivity density is the sum of the volatile nuclides density and the particulate nuclides density.
 O.OE—O is the same as O.O x 10^{-O}
 Data of other nuclides is under examination.
 * In the case of more than 2 nuclides, the sum of scaling factors to density limits is compared to 1.

* "ND" indicates that the measurement result is below the detection limit.
 The detection limits are as follows. Volatile: I-131: Approx. 4E-8Bq/cm³, Cs-134: Approx.7E-8Bq/cm³, Cs-137: Approx.9E-8Bq/cm³ Particulate: I-131: Approx. 1E-8Bq/cm³, Cs-134: Approx.2E-8Bq/cm³ As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS<4/13>

(Data summarized on May 26)

Place of Sampling	3rd Floor of Auxiliary Operation Shared Facility (Around the Machine Hatch)		3rd Floor of Auxiliary Operation Shared Facility (In Front of South Stairs)		3rd Floor of Auxiliary Operation Shared Facility (In Front of North Stairs)		② Density Limit Specified by the Reactor Regulation (Bq/cm ³) (Density limit in the air which radiation workers breathe in is specified in section 4 of Appendix 2)
Time of Sampling	April 08, 2014 8:31 AM	~ April 09, 2014 9:02 AM	April 08, 2014 8:29 AM	~ April 09, 2014 9:04 AM	April 08, 2014 8:27 AM	~ April 09, 2014 9:05 AM	
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm ³)	Scaling Factor (①/②)	①Density of Sample (Bq/cm ³)	Scaling Factor (①/②)	①Density of Sample (Bq/cm ³)	Scaling Factor (①/②)	
I-131 (Approx. 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (Approx. 2 years)	2.2E-08	0.00	1.6E-08	0.00	2.2E-08	0.00	2E-03
Cs-137 (Approx. 30 years)	5.3E-08	0.00	6.1E-08	0.00	5.2E-08	0.00	3E-03

* This is the result of airborne radionuclide analysis made when handling fuels.

* The radioactivity density is the sum of the volatile nuclides density and the particulate nuclides density.

O.OE—O is the same as O.O x 10^{-O}

Data of other nuclides is under examination.

* In the case of more than 2 nuclides, the sum of scaling factors to density limits is compared to 1.

* "ND" indicates that the measurement result is below the detection limit.

The detection limits are as follows. Volatile: I-131: Approx. 2E-8Bq/cm³, Cs-134: Approx.3E-8Bq/cm³, Cs-137: Approx.3E-8Bq/cm³ Particulate: I-131: Approx. 1E-8Bq/cm³ As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS<5/13>

(Data summarized on May 26)

Place of Sampling	3rd Floor of Auxiliary Operation Shared Facility (Around the Machine Hatch)		3rd Floor of Auxiliary Operation Shared Facility (In Front of South Stairs)		3rd Floor of Auxiliary Operation Shared Facility (In Front of North Stairs)		② Density Limit Specified by the Reactor Regulation (Bq/cm ³) (Density limit in the air which radiation workers breathe in is specified in section 4 of Appendix 2)
	Time of Sampling	April 11, 2014 8:14 AM ~ April 12, 2014 9:01 AM	Time of Sampling	April 11, 2014 8:12 AM ~ April 12, 2014 9:02 AM	Time of Sampling	April 11, 2014 8:11 AM ~ April 12, 2014 9:04 AM	
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm ³)	Scaling Factor (①/②)	①Density of Sample (Bq/cm ³)	Scaling Factor (①/②)	①Density of Sample (Bq/cm ³)	Scaling Factor (①/②)	
I-131 (Approx. 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (Approx. 2 years)	2.1E-08	0.00	1.6E-08	0.00	2.3E-08	0.00	2E-03
Cs-137 (Approx. 30 years)	3.4E-08	0.00	4.6E-08	0.00	5.9E-08	0.00	3E-03

* This is the result of airborne radionuclide analysis made when handling fuels.

* The radioactivity density is the sum of the volatile nuclides density and the particulate nuclides density.

O.OE—O is the same as O.O x 10^{-O}

Data of other nuclides is under examination.

* In the case of more than 2 nuclides, the sum of scaling factors to density limits is compared to 1.

* "ND" indicates that the measurement result is below the detection limit.

The detection limits are as follows. Volatile: I-131: Approx. 2E-8Bq/cm³, Cs-134: Approx.3E-8Bq/cm³, Cs-137: Approx.3E-8Bq/cm³ Particulate: I-131: Approx. 1E-8Bq/cm³ As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS<6/13>

(Data summarized on May 26)

Place of Sampling	3rd Floor of Auxiliary Operation Shared Facility (Around the Machine Hatch)		3rd Floor of Auxiliary Operation Shared Facility (In Front of South Stairs)		3rd Floor of Auxiliary Operation Shared Facility (In Front of North Stairs)		② Density Limit Specified by the Reactor Regulation (Bq/cm ³) (Density limit in the air which radiation workers breathe in is specified in section 4 of Appendix 2)
Time of Sampling	April 14, 2014 8:54 AM	~ April 15, 2014 9:06 AM	April 14, 2014 8:56 AM	~ April 15, 2014 9:05 AM	April 14, 2014 8:51 AM	~ April 15, 2014 9:05 AM	
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm ³)	Scaling Factor (①/②)	①Density of Sample (Bq/cm ³)	Scaling Factor (①/②)	①Density of Sample (Bq/cm ³)	Scaling Factor (①/②)	
I-131 (Approx. 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (Approx. 2 years)	7.3E-08	0.00	5.8E-08	0.00	6.0E-08	0.00	2E-03
Cs-137 (Approx. 30 years)	8.7E-08	0.00	1.7E-07	0.00	1.2E-07	0.00	3E-03

- * This is the result of airborne radionuclide analysis made when handling fuels.
- * The radioactivity density is the sum of the volatile nuclides density and the particulate nuclides density.
 O.OE—O is the same as O.O x 10^{-O}
 Data of other nuclides is under examination.
- * In the case of more than 2 nuclides, the sum of scaling factors to density limits is compared to 1.

* "ND" indicates that the measurement result is below the detection limit.
 The detection limits are as follows. Volatile: I-131: Approx. 4E-8Bq/cm³, Cs-134: Approx.7E-8Bq/cm³, Cs-137: Approx.1E-7Bq/cm³ Particulate: I-131: Approx. 3E-8Bq/cm³ As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS<7/13>

(Data summarized on May 26)

Place of Sampling	3rd Floor of Auxiliary Operation Shared Facility (Around the Machine Hatch)		3rd Floor of Auxiliary Operation Shared Facility (In Front of South Stairs)		3rd Floor of Auxiliary Operation Shared Facility (In Front of North Stairs)		② Density Limit Specified by the Reactor Regulation (Bq/cm ³) (Density limit in the air which radiation workers breathe in is specified in section 4 of Appendix 2)
Time of Sampling	April 17, 2014 8:16 AM	April 18, 2014 9:05 AM	April 17, 2014 8:12 AM	April 18, 2014 9:01 AM	April 17, 2014 8:10 AM	April 18, 2014 9:01 AM	
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm ³)	Scaling Factor (①/②)	①Density of Sample (Bq/cm ³)	Scaling Factor (①/②)	①Density of Sample (Bq/cm ³)	Scaling Factor (①/②)	
I-131 (Approx. 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (Approx. 2 years)	ND	-	3.3E-08	0.00	ND	-	2E-03
Cs-137 (Approx. 30 years)	ND	-	5.5E-08	0.00	ND	-	3E-03

* This is the result of airborne radionuclide analysis made when handling fuels.

* The radioactivity density is the sum of the volatile nuclides density and the particulate nuclides density.

O.OE—O is the same as O.O x 10^{-O}

Data of other nuclides is under examination.

* In the case of more than 2 nuclides, the sum of scaling factors to density limits is compared to 1.

* "ND" indicates that the measurement result is below the detection limit.

The detection limits are as follows. Volatile: I-131: Approx. 2E-8Bq/cm³, Cs-134: Approx.3E-8Bq/cm³, Cs-137: Approx.3E-8Bq/cm³ Particulate: I-131: Approx. 2E-8Bq/cm³, Cs-134: Approx.4E-8Bq/cm³, Cs-137: Approx.6E-8Bq/cm³ As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS<8/13>

(Data summarized on May 26)

Place of Sampling	3rd Floor of Auxiliary Operation Shared Facility (Around the Machine Hatch)		3rd Floor of Auxiliary Operation Shared Facility (In Front of South Stairs)		3rd Floor of Auxiliary Operation Shared Facility (In Front of North Stairs)		② Density Limit Specified by the Reactor Regulation (Bq/cm ³) (Density limit in the air which radiation workers breathe in is specified in section 4 of Appendix 2)
Time of Sampling	April 20, 2014 8:14 AM	April 21, 2014 9:12 AM	April 20, 2014 8:16 AM	April 21, 2014 9:15 AM	April 20, 2014 8:11 AM	April 21, 2014 9:10 AM	
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm ³)	Scaling Factor (①/②)	①Density of Sample (Bq/cm ³)	Scaling Factor (①/②)	①Density of Sample (Bq/cm ³)	Scaling Factor (①/②)	
I-131 (Approx. 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (Approx. 2 years)	ND	-	1.9E-08	0.00	ND	-	2E-03
Cs-137 (Approx. 30 years)	ND	-	3.0E-08	0.00	3.5E-08	0.00	3E-03

- * This is the result of airborne radionuclide analysis made when handling fuels.
- * The radioactivity density is the sum of the volatile nuclides density and the particulate nuclides density.
 O.OE—O is the same as O.O x 10^{-O}
 Data of other nuclides is under examination.
- * In the case of more than 2 nuclides, the sum of scaling factors to density limits is compared to 1.

* "ND" indicates that the measurement result is below the detection limit.
 The detection limits are as follows. Volatile: I-131: Approx. 2E-8Bq/cm³, Cs-134: Approx.3E-8Bq/cm³, Cs-137: Approx.3E-8Bq/cm³ Particulate: I-131: Approx. 2E-8Bq/cm³, Cs-134: Approx.4E-8Bq/cm³, Cs-137: Approx.5E-8Bq/cm³ As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

Reference

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS<9/13>

(Data summarized on May 26)

Place of Sampling	3rd Floor of Auxiliary Operation Shared Facility (Around the Machine Hatch)		3rd Floor of Auxiliary Operation Shared Facility (In Front of South Stairs)		3rd Floor of Auxiliary Operation Shared Facility (In Front of North Stairs)		② Density Limit Specified by the Reactor Regulation (Bq/cm ³) (Density limit in the air which radiation workers breathe in is specified in section 4 of Appendix 2)
Time of Sampling	April 22, 2014 8:09 AM	April 23, 2014 8:35 AM	April 22, 2014 8:12 AM	April 23, 2014 8:28 AM	April 22, 2014 8:07 AM	April 23, 2014 8:20 AM	
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm ³)	Scaling Factor (①/②)	①Density of Sample (Bq/cm ³)	Scaling Factor (①/②)	①Density of Sample (Bq/cm ³)	Scaling Factor (①/②)	
I-131 (Approx. 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (Approx. 2 years)	ND	-	ND	-	ND	-	2E-03
Cs-137 (Approx. 30 years)	6.3E-08	0.00	5.8E-08	0.00	ND	-	3E-03

* This is the result of airborne radionuclide analysis made when handling fuels.

* The radioactivity density is the sum of the volatile nuclides density and the particulate nuclides density.

O.OE—O is the same as O.O x 10⁰

Data of other nuclides is under examination.

* In the case of more than 2 nuclides, the sum of scaling factors to density limits is compared to 1.

* "ND" indicates that the measurement result is below the detection limit.

The detection limits are as follows. Volatile: I-131: Approx. 4E-8Bq/cm³, Cs-134: Approx.7E-8Bq/cm³, Cs-137: Approx.1E-7Bq/cm³ Particulate: I-131: Approx. 3E-8Bq/cm³, Cs-134: Approx.4E-8Bq/cm³, Cs-137: Approx.6E-8Bq/cm³ As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS<10/13>

(Data summarized on May 26)

Place of Sampling	3rd Floor of Auxiliary Operation Shared Facility (Around the Machine Hatch)		3rd Floor of Auxiliary Operation Shared Facility (In Front of South Stairs)		3rd Floor of Auxiliary Operation Shared Facility (In Front of North Stairs)		② Density Limit Specified by the Reactor Regulation (Bq/cm ³) (Density limit in the air which radiation workers breathe in is specified in section 4 of Appendix 2)
Time of Sampling	April 23, 2014 8:38 AM	April 24, 2014 9:09 AM	April 23, 2014 8:32 AM	April 24, 2014 9:05 AM	April 23, 2014 8:25 AM	April 24, 2014 9:04 AM	
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm ³)	Scaling Factor (①/②)	①Density of Sample (Bq/cm ³)	Scaling Factor (①/②)	①Density of Sample (Bq/cm ³)	Scaling Factor (①/②)	
I-131 (Approx. 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (Approx. 2 years)	ND	-	ND	-	ND	-	2E-03
Cs-137 (Approx. 30 years)	ND	-	5.3E-08	0.00	ND	-	3E-03

* This is the result of airborne radionuclide analysis made when handling fuels.

* The radioactivity density is the sum of the volatile nuclides density and the particulate nuclides density.

O.OE—O is the same as O.O x 10^{-O}

Data of other nuclides is under examination.

* In the case of more than 2 nuclides, the sum of scaling factors to density limits is compared to 1.

* "ND" indicates that the measurement result is below the detection limit.

The detection limits are as follows. Volatile: I-131: Approx. 4E-8Bq/cm³, Cs-134: Approx.7E-8Bq/cm³, Cs-137: Approx.1E-7Bq/cm³ Particulate: I-131: Approx. 2E-8Bq/cm³, Cs-134: Approx.4E-8Bq/cm³, Cs-137: Approx.6E-8Bq/cm³ As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS<11/13>

(Data summarized on May 26)

Place of Sampling	3rd Floor of Auxiliary Operation Shared Facility (Around the Machine Hatch)		3rd Floor of Auxiliary Operation Shared Facility (In Front of South Stairs)		3rd Floor of Auxiliary Operation Shared Facility (In Front of North Stairs)		② Density Limit Specified by the Reactor Regulation (Bq/cm ³) (Density limit in the air which radiation workers breathe in is specified in section 4 of Appendix 2)
Time of Sampling	April 25, 2014 8:23 AM	~ April 26, 2014 8:08 AM	April 25, 2014 8:24 AM	~ April 26, 2014 8:05 AM	April 25, 2014 8:21 AM	~ April 26, 2014 8:01 AM	
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm ³)	Scaling Factor (①/②)	①Density of Sample (Bq/cm ³)	Scaling Factor (①/②)	①Density of Sample (Bq/cm ³)	Scaling Factor (①/②)	
I-131 (Approx. 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (Approx. 2 years)	ND	-	ND	-	ND	-	2E-03
Cs-137 (Approx. 30 years)	5.5E-08	0.00	ND	-	1.8E-08	0.00	3E-03

- * This is the result of airborne radionuclide analysis made when handling fuels.
- * The radioactivity density is the sum of the volatile nuclides density and the particulate nuclides density.
 O.OE—O is the same as O.O x 10^{-O}
 Data of other nuclides is under examination.
- * In the case of more than 2 nuclides, the sum of scaling factors to density limits is compared to 1.

* "ND" indicates that the measurement result is below the detection limit.
 The detection limits are as follows. Volatile: I-131: Approx. 2E-8Bq/cm³, Cs-134: Approx.3E-8Bq/cm³, Cs-137: Approx.3E-8Bq/cm³ Particulate: I-131: Approx. 1E-8Bq/cm³, Cs-134: Approx.2E-8Bq/cm³, Cs-137: Approx.2E-8Bq/cm³ As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS<12/13>

(Data summarized on May 26)

Place of Sampling	3rd Floor of Auxiliary Operation Shared Facility (Around the Machine Hatch)		3rd Floor of Auxiliary Operation Shared Facility (In Front of South Stairs)		3rd Floor of Auxiliary Operation Shared Facility (In Front of North Stairs)		② Density Limit Specified by the Reactor Regulation (Bq/cm ³) (Density limit in the air which radiation workers breathe in is specified in section 4 of Appendix 2)
Time of Sampling	April 26, 2014 8:10 AM	~ April 27, 2014 9:05 AM	April 26, 2014 8:07 AM	~ April 27, 2014 9:08 AM	April 26, 2014 8:03 AM	~ April 27, 2014 9:02 AM	
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm ³)	Scaling Factor (①/②)	①Density of Sample (Bq/cm ³)	Scaling Factor (①/②)	①Density of Sample (Bq/cm ³)	Scaling Factor (①/②)	
I-131 (Approx. 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (Approx. 2 years)	1.5E-08	0.00	1.3E-08	0.00	ND	-	2E-03
Cs-137 (Approx. 30 years)	3.4E-08	0.00	2.2E-08	0.00	ND	-	3E-03

* This is the result of airborne radionuclide analysis made when handling fuels.

* The radioactivity density is the sum of the volatile nuclides density and the particulate nuclides density.

O.OE—O is the same as O.O x 10^{-O}

Data of other nuclides is under examination.

* In the case of more than 2 nuclides, the sum of scaling factors to density limits is compared to 1.

* "ND" indicates that the measurement result is below the detection limit.

The detection limits are as follows. Volatile: I-131: Approx. 2E-8Bq/cm³, Cs-134: Approx.3E-8Bq/cm³, Cs-137: Approx.3E-8Bq/cm³ Particulate: I-131: Approx. 1E-8Bq/cm³, Cs-134: Approx.1E-8Bq/cm³, Cs-137: Approx.2E-8Bq/cm³ As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS<13/13>

(Data summarized on May 26)

Place of Sampling	3rd Floor of Auxiliary Operation Shared Facility (Around the Machine Hatch)		3rd Floor of Auxiliary Operation Shared Facility (In Front of South Stairs)		3rd Floor of Auxiliary Operation Shared Facility (In Front of North Stairs)		② Density Limit Specified by the Reactor Regulation (Bq/cm ³) (Density limit in the air which radiation workers breathe in is specified in section 4 of Appendix 2)
Time of Sampling	April 29, 2014 8:00 AM	April 30, 2014 9:12 AM	April 29, 2014 8:01 AM	April 30, 2014 9:15 AM	April 29, 2014 7:58 AM	April 30, 2014 9:10 AM	
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm ³)	Scaling Factor (①/②)	①Density of Sample (Bq/cm ³)	Scaling Factor (①/②)	①Density of Sample (Bq/cm ³)	Scaling Factor (①/②)	
I-131 (Approx. 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (Approx. 2 years)	ND	-	ND	-	ND	-	2E-03
Cs-137 (Approx. 30 years)	ND	-	ND	-	ND	-	3E-03

* This is the result of airborne radionuclide analysis made when handling fuels.

* The radioactivity density is the sum of the volatile nuclides density and the particulate nuclides density.

O.OE—O is the same as O.O x 10^{-O}

Data of other nuclides is under examination.

* In the case of more than 2 nuclides, the sum of scaling factors to density limits is compared to 1.

* "ND" indicates that the measurement result is below the detection limit.

The detection limits are as follows. Volatile: I-131: Approx. 4E-8Bq/cm³, Cs-134: Approx.6E-8Bq/cm³, Cs-137: Approx.9E-8Bq/cm³ Particulate: I-131: Approx. 2E-8Bq/cm³, Cs-134: Approx.4E-8Bq/cm³, Cs-137: Approx.5E-8Bq/cm³ As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.