

Reference

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS <1/12>

(Data summarized on December 20)

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	Nov 5, 2013 8:38 AM	Nov 6, 2013 8:18 AM	Nov 5, 2013 8:37 AM	Nov 6, 2013 8:12 AM	Nov 5, 2013 8:33 AM	Nov 6, 2013 8:08 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)	7.0E-08	0.00	8.3E-08	0.00	ND	-	3E-03

* This is the nuclides analysis result of the radioactive materials in the air during handling of fuel.

* 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. 5E-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 <2/12>

(Data summarized on December 20)

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	Nov 6, 2013 8:25 AM	Nov 7, 2013 8:17 AM	Nov 6, 2013 8:21 AM	Nov 7, 2013 8:15 AM	Nov 6, 2013 8:10 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)	7.2E-08	0.00	8.6E-08	0.00	ND	-	3E-03

* This is the nuclides analysis result of the radioactive materials in the air during handling of fuel.

* 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. 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.

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS <3/12>

(Data summarized on December 20)

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	Nov 7, 2013 8:19 AM ~ Nov 8, 2013 4:10 PM	Time of Sampling	Nov 7, 2013 8:17 AM ~ Nov 8, 2013 4:09 PM	Time of Sampling	Nov 7, 2013 8:13 AM ~ Nov 8, 2013 4:05 PM	
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)	4.3E-08	0.00	ND	-	4.1E-08	0.00	2E-03
Cs-137 (Approx. 30 years)	1.4E-07	0.00	7.0E-08	0.00	8.1E-08	0.00	3E-03

* This is the nuclides analysis result of the radioactive materials in the air during handling of fuel.

* 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. 3E-8Bq/cm³, Cs-134: Approx. 5E-8Bq/cm³, Cs-137: Approx. 8E-8Bq/cm³

Particulate; I-131: Approx. 2E-8Bq/cm³, Cs-134: 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 <4/12>

(Data summarized on December 20)

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	Nov 11, 2013 8:33 AM ~ Nov 12, 2013 9:01 AM	Nov 11, 2013 8:36 AM ~ Nov 12, 2013 9:04 AM	Nov 11, 2013 8:31 AM ~ Nov 12, 2013 9:00 AM	Time of Sampling	Nov 11, 2013 8:33 AM ~ Nov 12, 2013 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)	4.5E-08	0.00	ND	-	5.9E-08	0.00	2E-03
Cs-137 (Approx. 30 years)	1.4E-07	0.00	1.1E-07	0.00	1.3E-07	0.00	3E-03

* This is the nuclides analysis result of the radioactive materials in the air during handling of fuel.

* 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

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 <5/12>

(Data summarized on December 20)

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	Nov 14, 2013 8:22 AM ~ Nov 15, 2013 4:26 PM	Nov 14, 2013 8:20 AM ~ Nov 15, 2013 4:23 PM	Nov 14, 2013 8:16 AM ~ Nov 15, 2013 4:16 PM			
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)	4.4E-08	0.00	ND	-	5.6E-08	0.00	2E-03
Cs-137 (Approx. 30 years)	1.1E-07	0.00	ND	-	7.4E-08	0.00	3E-03

* This is the nuclides analysis result of the radioactive materials in the air during handling of fuel.

* 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 10⁻⁰

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. 3E-8Bq/cm³, Cs-134: Approx. 6E-8Bq/cm³, Cs-137: Approx. 7E-8Bq/cm³

Particulate; I-131: Approx. 2E-8Bq/cm³, Cs-134: Approx. 3E-8Bq/cm³, Cs-137: Approx. 4E-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 <6/12>

(Data summarized on December 20)

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	Nov 18, 2013 8:11 AM	Nov 19, 2013 8:53 AM	Nov 18, 2013 8:15 AM	Nov 19, 2013 8:57 AM	Nov 18, 2013 8:09 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	-	7.7E-08	0.00	5.7E-08	0.00	3E-03

* This is the nuclides analysis result of the radioactive materials in the air during handling of fuel.

* 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. 8E-8Bq/cm³, Cs-137: Approx. 1E-7Bq/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.

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS <7/12>

(Data summarized on December 20)

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	Nov 20, 2013 8:25 AM	Nov 21, 2013 7:59 AM	Nov 20, 2013 8:22 AM	Nov 21, 2013 8:04 AM	Nov 20, 2013 8:16 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 nuclides analysis result of the radioactive materials in the air during handling of fuel.

* 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 10⁻⁰

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. 8E-8Bq/cm³, Cs-137: Approx. 1E-7Bq/cm³

Particulate; I-131: Approx. 3E-8Bq/cm³, Cs-134: Approx. 5E-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 <8/12>

(Data summarized on December 20)

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	Nov 21, 2013 8:02 AM ~ Nov 22, 2013 8:18 AM	Nov 21, 2013 8:06 AM ~ Nov 22, 2013 8:22 AM	Nov 21, 2013 7:58 AM ~ Nov 22, 2013 8:16 AM	Time of Sampling	Nov 21, 2013 8:02 AM ~ Nov 22, 2013 8:18 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)	6.8E-08	0.00	5.0E-08	0.00	4.5E-08	0.00	2E-03
Cs-137 (Approx. 30 years)	1.1E-07	0.00	1.2E-07	0.00	1.6E-07	0.00	3E-03

* This is the nuclides analysis result of the radioactive materials in the air during handling of fuel.

* 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 <9/12>

(Data summarized on December 20)

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	Nov 22, 2013 8:20 AM ~ Nov 23, 2013 8:14 AM	Time of Sampling	Nov 22, 2013 8:24 AM ~ Nov 23, 2013 8:12 AM	Time of Sampling	Nov 22, 2013 8:18 AM ~ Nov 23, 2013 8:07 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)	8.4E-08	0.00	5.8E-08	0.00	6.3E-08	0.00	3E-03

* This is the nuclides analysis result of the radioactive materials in the air during handling of fuel.

* 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. 2E-8Bq/cm³, Cs-134: Approx. 4E-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 <10/12>

(Data summarized on December 20)

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	Nov 24, 2013 8:18 AM	Nov 25, 2013 7:55 AM	Nov 24, 2013 8:22 AM	Nov 25, 2013 8:00 AM	Nov 24, 2013 8:25 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	-	7.4E-08	0.00	3E-03

* This is the nuclides analysis result of the radioactive materials in the air during handling of fuel.

* 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 <11/12>

(Data summarized on December 20)

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	Nov 25, 2013 7:57 AM	Nov 26, 2013 4:04 PM	Nov 25, 2013 8:02 AM	Nov 26, 2013 4:08 PM	Nov 25, 2013 7:53 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)	6.5E-08	0.00	5.3E-08	0.00	ND	-	3E-03

* This is the nuclides analysis result of the radioactive materials in the air during handling of fuel.

* 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 10⁻⁰

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. 3E-8Bq/cm³, Cs-134: Approx. 5E-8Bq/cm³, Cs-137: Approx. 8E-8Bq/cm³

Particulate; I-131: Approx. 2E-8Bq/cm³, Cs-134: Approx. 3E-8Bq/cm³, Cs-137: Approx. 4E-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 <12/12>

(Data summarized on December 20)

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	Nov 28, 2013 8:10 AM ~ Nov 29, 2013 8:14 AM	Nov 28, 2013 8:14 AM ~ Nov 29, 2013 8:18 AM	Nov 28, 2013 8:08 AM ~ Nov 29, 2013 8:11 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)	5.2E-08	0.00	ND	-	ND	-	2E-03
Cs-137 (Approx. 30 years)	7.1E-08	0.00	ND	-	ND	-	3E-03

* This is the nuclides analysis result of the radioactive materials in the air during handling of fuel.

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

O.OE—O is the same as $O.O \times 10^{-O}$

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. $4E-8Bq/cm^3$, Cs-134: Approx. $7E-8Bq/cm^3$, Cs-137: Approx. $1E-7Bq/cm^3$

Particulate; I-131: Approx. $2E-8Bq/cm^3$, Cs-134: Approx. $4E-8Bq/cm^3$, Cs-137: Approx. $6E-8Bq/cm^3$

As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.