

Reference

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS <1/8>

(Data summarized on April 10)

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)	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	Mar 18, 2013 8:12 AM	~ Mar 19, 2013 9:38 AM	Mar 18, 2013 8:14 AM	~ Mar 19, 2013 9:40 AM	Mar 18, 2013 8:09 AM	~ Mar 19, 2013 9:34 AM	
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (Approx. 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (Approx. 2 years)	6.4E-08	0.00	ND	-	6.3E-08	0.00	2E-03
Cs-137 (Approx. 30 years)	1.6E-07	0.00	ND	-	1.1E-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 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. 5E-8Bq/cm³, Cs-134: Approx. 8E-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.

Reference

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS <2/8>

(Data summarized on April 10)

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)		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	Mar 21, 2013 8:28 AM	Mar 22, 2013 8:08 AM	Time of Sampling	Mar 21, 2013 8:31 AM	Mar 22, 2013 8:14 AM		Time of Sampling
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)		
I-131 (Approx. 8 days)	ND	-	ND	-	ND	-	1E-03	
Cs-134 (Approx. 2 years)	4.3E-07	0.00	3.9E-07	0.00	4.0E-07	0.00	2E-03	
Cs-137 (Approx. 30 years)	8.0E-07	0.00	7.7E-07	0.00	6.5E-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 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. 5E-8Bq/cm³, Cs-134: Approx. 9E-8Bq/cm³, Cs-137: Approx. 1E-7Bq/cm³

Particulate; I-131: 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.

Reference

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS <3/8>

(Data summarized on April 10)

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)		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	Mar 22, 2013 8:12 AM	Mar 23, 2013 6:34 PM	Mar 22, 2013 8:17 AM	Mar 23, 2013 6:38 PM	Mar 22, 2013 8:07 AM	
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (Approx. 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (Approx. 2 years)	6.5E-08	0.00	5.6E-08	0.00	7.5E-08	0.00	2E-03
Cs-137 (Approx. 30 years)	1.0E-07	0.00	9.7E-08	0.00	1.5E-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 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. 3E-8Bq/cm³, Cs-134: Approx. 6E-8Bq/cm³, Cs-137: Approx. 8E-7Bq/cm³

Particulate; I-131: 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.

Reference

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS <4/8>

(Data summarized on April 10)

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)		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	Mar 25, 2013 8:13 AM	Mar 26, 2013 8:40 AM	Mar 25, 2013 8:15 AM	Mar 26, 2013 8:44 AM	Mar 25, 2013 8:10 AM	
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (Approx. 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (Approx. 2 years)	8.8E-08	0.00	5.9E-08	0.00	1.3E-07	0.00	2E-03
Cs-137 (Approx. 30 years)	1.6E-07	0.00	1.2E-07	0.00	2.1E-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 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. 9E-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.

Reference

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS <5/8>

(Data summarized on April 10)

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)		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	Mar 26, 2013 8:42 AM	Mar 27, 2013 8:19 AM	Mar 26, 2013 8:46 AM	Mar 27, 2013 8:22 AM	Mar 26, 2013 8:37 AM	
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
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	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 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. 9E-8Bq/cm³, Cs-137: Approx. 1E-7Bq/cm³

Particulate; I-131: Approx. 3E-8Bq/cm³, Cs-134: Approx. 5E-8Bq/cm³, Cs-137: Approx. 7E-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 <6/8>

(Data summarized on April 10)

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)		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	Mar 27, 2013 8:23 AM	Mar 28, 2013 8:22 AM	Mar 27, 2013 8:22 AM	Mar 28, 2013 8:25 AM	Mar 27, 2013 8:17 AM	
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (Approx. 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (Approx. 2 years)	6.4E-08	0.00	ND	-	6.2E-08	0.00	2E-03
Cs-137 (Approx. 30 years)	1.4E-07	0.00	1.4E-07	0.00	9.8E-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 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. 8E-8Bq/cm³, Cs-137: Approx. 1E-7Bq/cm³

Particulate; I-131: Approx. 2E-8Bq/cm³, Cs-134: 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 <7/8>

(Data summarized on April 10)

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)		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	Mar 28, 2013 8:26 AM	Mar 29, 2013 8:51 AM	Mar 28, 2013 8:28 AM	Mar 29, 2013 8:46 AM	Mar 28, 2013 8:22 AM	
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (Approx. 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (Approx. 2 years)	1.3E-07	0.00	9.8E-08	0.00	2.0E-07	0.00	2E-03
Cs-137 (Approx. 30 years)	1.6E-07	0.00	1.4E-07	0.00	2.9E-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 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. 5E-8Bq/cm³, Cs-134: Approx. 8E-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.

Reference

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

(Data summarized on April 10)

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)		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	Mar 29, 2013 8:55 AM	Mar 30, 2013 5:55 PM	Mar 29, 2013 8:50 AM	Mar 30, 2013 5:58 PM	Mar 29, 2013 8:44 AM	
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (Approx. 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (Approx. 2 years)	6.4E-08	0.00	5.2E-08	0.00	7.7E-08	0.00	2E-03
Cs-137 (Approx. 30 years)	1.5E-07	0.00	1.5E-07	0.00	1.1E-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 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. 3E-8Bq/cm³, Cs-134: Approx. 6E-8Bq/cm³, Cs-137: Approx. 8E-8Bq/cm³

Particulate; I-131: 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.