<Reference>
June 19, 2013
Tokyo Electric Power Company

Reference

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS <1/19>

(Data summarized on June 19)

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	May 7, 2013 8:34 AM – May 8, 2013 8:40 AM		May 7, 2013 8:31 AM – May 8, 2013 8:39 AM		May 7, 2013 8:28 AM – May 8, 2013 8:36 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)	4.9E-08	0.00	6.4E-08	0.00	ND	-	2E-03
Cs-137 (Approx. 30 years)	8.1E-08	0.00	7.4E-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/cm^3, Cs-134: Approx. 7E-8Bq/cm^3, Cs-137: Approx. 1E-7Bq/cm^3
  Particulate; I-131: Approx. 3E-8Bq/cm^3, Cs-134: Approx. 5E-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 limt are detected.

Reference

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS <2/19>

(Data summarized on June 19)

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	May 8, 2013 8:42 AM – May 9, 2013 7:58 AM		May 8, 2013 8:40 AM – May 9, 2013 8:02 AM		May 8, 2013 8:38 AM – May 9, 2013 7:56 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)	8.1E-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 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/cm^3, Cs-134: Approx. 8E-8Bq/cm^3, Cs-137: Approx. 1E-7Bq/cm^3
  Particulate; I-131: Approx. 2E-8Bq/cm^3, Cs-134: Approx. 5E-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 limt are detected.

Reference

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS <3/19>

(Data summarized on June 19)

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	May 9, 2013 8:02 AM – May 10, 2013 5:58 PM		May 9, 2013 8:05 AM – May 10, 2013 5:55 PM		May 9, 2013 7:59 AM – May 10, 2013 5:51 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	-	ND	-	2E-03
Cs-137 (Approx. 30 years)	5.5E-08	0.00	ND	-	4.9E-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/cm^3, Cs-134: Approx. 5E-8Bq/cm^3, Cs-137: Approx. 7E-8Bq/cm^3
  Particulate; I-131: Approx. 2E-8Bq/cm^3, Cs-134: Approx. 3E-8Bq/cm^3, Cs-137: Approx. 4E-8Bq/cm^3
  As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limt are detected.

Reference

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS <4/19>

(Data summarized on June 19)

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	May 13, 2013 8:49 AM – May 14, 2013 8:49 AM		May 13, 2013 8:47 AM – May 14, 2013 8:45 AM		May 13, 2013 8:38 AM – May 14, 2013 8:39 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^{-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. 9E-8Bq/cm^3
  Particulate; I-131: Approx. 2E-8Bq/cm^3, Cs-134: Approx. 5E-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 limt are detected.

Reference

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS <5/19>

(Data summarized on June 19)

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	May 14, 2013 8:52 AM – May 15, 2013 8:47 AM		May 14, 2013 8:48 AM – May 15, 2013 8:45 AM		May 14, 2013 8:42 AM – May 15, 2013 8:42 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)	7.8E-08	0.00	8.2E-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/cm^3, Cs-134: Approx. 8E-8Bq/cm^3, Cs-137: Approx. 1E-7Bq/cm^3
  Particulate; I-131: Approx. 3E-8Bq/cm^3, Cs-134: Approx. 5E-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 limt are detected.

Reference

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS <6/19>

(Data summarized on June 19)

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	May 15, 2013 8:49 AM – May 16, 2013 8:37 AM		May 15, 2013 8:47 AM – May 16, 2013 8:34 AM		May 15, 2013 8:43 AM – May 16, 2013 8:30 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)	6.7E-08	0.00	7.1E-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/cm^3, Cs-134: Approx. 8E-8Bq/cm^3, Cs-137: Approx. 1E-7Bq/cm^3
  Particulate; I-131: Approx. 3E-8Bq/cm^3, Cs-134: Approx. 5E-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 limt are detected.

Reference

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS <7/19>

(Data summarized on June 19)

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	May 16, 2013 8:38 AM –	May 17, 2013 5:34 PM	May 16, 2013 8:36 AM –	May 17, 2013 5:38 PM	May 16, 2013 8:32 AM –	May 17, 2013 5:29 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)	5.7E-08	0.00	3.4E-08	0.00	ND	-	2E-03
Cs-137 (Approx. 30 years)	8.6E-08	0.00	8.8E-08	0.00	4.4E-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. 3E-8Bq/cm^3, Cs-134: Approx. 5E-8Bq/cm^3, Cs-137: Approx. 7E-8Bq/cm^3
  Particulate; I-131: Approx. 2E-8Bq/cm^3, Cs-134: Approx. 3E-8Bq/cm^3
  As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limt are detected.

Reference

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS <8/19>

(Data summarized on June 19)

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	May 20, 2013 8:22 AM – May 21, 2013 8:03 AM		May 20, 2013 8:24 AM – May 21, 2013 8:08 AM		May 20, 2013 8:19 AM – May 21, 2013 7:57 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^{-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. 9E-8Bq/cm^3
  Particulate; I-131: Approx. 2E-8Bq/cm^3, Cs-134: Approx. 5E-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 limt are detected.

Reference

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS <9/19>

(Data summarized on June 19)

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	May 21, 2013 8:05 AM ～ May 22, 2013 8:28 AM		May 21, 2013 8:11 AM ～ May 22, 2013 8:25 AM		May 21, 2013 8:00 AM ～ May 22, 2013 8:19 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)	7.4E-08	0.00	ND	-	ND	-	2E-03
Cs-137 (Approx. 30 years)	1.4E-07	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 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 limt are detected.

Reference

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS <10/19>

(Data summarized on June 19)

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	May 22, 2013 8:30 AM ～	May 23, 2013 8:23 AM	May 22, 2013 8:27 AM ～	May 23, 2013 8:26 AM	May 22, 2013 8:22 AM ～	May 23, 2013 8:19 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)	8.2E-08	0.00	ND	-	8.4E-08	0.00	2E-03
Cs-137 (Approx. 30 years)	1.5E-07	0.00	1.6E-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/cm^3, Cs-134: Approx. 7E-8Bq/cm^3, Cs-137: Approx. 1E-7Bq/cm^3
  Particulate; I-131: Approx. 3E-8Bq/cm^3, Cs-134: Approx. 5E-8Bq/cm^3
  As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limt are detected.

Reference

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS <11/19>

(Data summarized on June 19)

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	May 23, 2013 8:24 AM ～ May 24, 2013 3:31 PM		May 23, 2013 8:27 AM ～ May 24, 2013 3:34 PM		May 23, 2013 8:21 AM ～ May 24, 2013 3:28 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)	7.2E-08	0.00	5.7E-08	0.00	ND	-	2E-03
Cs-137 (Approx. 30 years)	1.2E-07	0.00	8.3E-08	0.00	6.7E-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. 3E-8Bq/cm^3, Cs-134: Approx. 6E-8Bq/cm^3, Cs-137: Approx. 8E-8Bq/cm^3
  Particulate; I-131: Approx. 2E-8Bq/cm^3, Cs-134: Approx. 3E-8Bq/cm^3
  As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limt are detected.

Reference

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS <12/19>

(Data summarized on June 19)

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	May 27, 2013 8:46 AM ～	May 28, 2013 8:36 AM	May 27, 2013 8:48 AM ～	May 28, 2013 8:32 AM	May 27, 2013 8:37 AM ～	May 28, 2013 8:26 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^{-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. 8E-8Bq/cm^3, Cs-137: Approx. 1E-7Bq/cm^3
  Particulate; I-131: Approx. 3E-8Bq/cm^3, Cs-134: Approx. 5E-8Bq/cm^3, Cs-137: Approx. 7E-8Bq/cm^3
  As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limt are detected.

Reference

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS <13/19>

(Data summarized on June 19)

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	May 28, 2013 8:39 AM ～ May 29, 2013 8:24 AM		May 28, 2013 8:35 AM ～ May 29, 2013 8:28 AM		May 28, 2013 8:29 AM ～ May 29, 2013 8:19 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)	8.8E-08	0.00	ND	-	ND	-	2E-03
Cs-137 (Approx. 30 years)	1.3E-07	0.00	ND	-	7.7E-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. 5E-8Bq/cm^3, Cs-134: Approx. 8E-8Bq/cm^3, Cs-137: Approx. 1E-7Bq/cm^3
  Particulate; I-131: Approx. 3E-8Bq/cm^3, Cs-134: Approx. 5E-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 limt are detected.

Reference

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS <14/19>

(Data summarized on June 19)

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	May 29, 2013 8:26 AM ～ May 30, 2013 8:51 AM		May 29, 2013 8:30 AM ～ May 30, 2013 8:46 AM		May 29, 2013 8:21 AM ～ May 30, 2013 8:39 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	-	7.3E-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/cm^3, Cs-134: Approx. 8E-8Bq/cm^3, Cs-137: Approx. 1E-7Bq/cm^3
  Particulate; I-131: Approx. 3E-8Bq/cm^3, Cs-134: Approx. 5E-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 limt are detected.

Reference

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS <15/19>

(Data summarized on June 19)

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	May 30, 2013 8:54 AM ～ May 31, 2013 3:18 PM		May 30, 2013 8:49 AM ～ May 31, 2013 3:14 PM		May 30, 2013 8:42 AM ～ May 31, 2013 3:21 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)	8.8E-08	0.00	9.4E-08	0.00	1.1E-07	0.00	2E-03
Cs-137 (Approx. 30 years)	1.6E-07	0.00	1.8E-07	0.00	1.9E-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 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. 6E-8Bq/cm^3, Cs-137: Approx. 8E-8Bq/cm^3
  Particulate; I-131: Approx. 2E-8Bq/cm^3
  As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limt are detected.

Reference

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS <16/19>

(Data summarized on June 19)

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	Jun 3, 2013 8:33 AM ～ Jun 4, 2013 8:20 AM		Jun 3, 2013 8:30 AM ～ Jun 4, 2013 8:23 AM		Jun 3, 2013 8:33 AM ～ Jun 4, 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)	7.6E-08	0.00	7.3E-08	0.00	4.6E-08	0.00	2E-03
Cs-137 (Approx. 30 years)	1.2E-07	0.00	1.7E-07	0.00	6.4E-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/cm^3, Cs-134: Approx. 7E-8Bq/cm^3, Cs-137: Approx. 1E-7Bq/cm^3
  Particulate; I-131: Approx. 2E-8Bq/cm^3
  As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limt are detected.

Reference

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS <17/19>

(Data summarized on June 19)

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	Jun 4, 2013 8:22 AM ～ Jun 5, 2013 8:27 AM		Jun 4, 2013 8:25 AM ～ Jun 5, 2013 8:32 AM		Jun 4, 2013 8:18 AM ～ Jun 5, 2013 8:22 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^{-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. 9E-8Bq/cm^3
  Particulate; I-131: Approx. 2E-8Bq/cm^3, Cs-134: Approx. 5E-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 limt are detected.

Reference

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS <18/19>

(Data summarized on June 19)

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	Jun 5, 2013 8:30 AM ～ Jun 6, 2013 8:02 AM		Jun 5, 2013 8:35 AM ～ Jun 6, 2013 8:05 AM		Jun 5, 2013 8:25 AM ～ Jun 6, 2013 7:57 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^{-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. 8E-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 limt are detected.

Reference

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS <19/19>

(Data summarized on June 19)

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	Jun 6, 2013 8:04 AM ～ Jun 7, 2013 2:43 PM		Jun 6, 2013 8:07 AM ～ Jun 7, 2013 2:46 PM		Jun 6, 2013 7:59 AM ～ Jun 7, 2013 2:40 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)	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^{-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/cm^3, Cs-134: Approx. 6E-8Bq/cm^3, Cs-137: Approx. 8E-8Bq/cm^3
  Particulate; I-131: Approx. 2E-8Bq/cm^3, Cs-134: Approx. 3E-8Bq/cm^3, Cs-137: Approx. 4E-8Bq/cm^3
  As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limt are detected.