<Reference>
August 7, 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<1/12>

(Data summarized on August 7)

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 27, 2013 8:32 AM ～ Jun 28, 2013 8:20 AM		Jun 27, 2013 8:36 AM ～ Jun 28, 2013 8:24 AM		Jun 27, 2013 8:29 AM ～ Jun 28, 2013 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 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<2/12>

(Data summarized on August 7)

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 28, 2013 8:22 AM ～ Jun 29, 2013 4:27 PM		Jun 28, 2013 8:26 AM ～ Jun 29, 2013 4:24 PM		Jun 28, 2013 8:18 AM ～ Jun 29, 2013 4:20 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. 5E-8Bq/cm^3, Cs-137: Approx. 7E-8Bq/cm^3
  Particulate; I-131: Approx. 2E-8Bq/cm^3, Cs-134: Approx. 4E-8Bq/cm^3, Cs-137: 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<3/12>

(Data summarized on August 7)

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	Jul 3, 2013 8:37 AM ～ Jul 4, 2013 8:37 AM		Jul 3, 2013 8:35 AM ～ Jul 4, 2013 8:40 AM		Jul 3, 2013 8:28 AM ～ Jul 4, 2013 8:31 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. 5E-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<4/12>

(Data summarized on August 7)

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	Jul 4, 2013 8:39 AM ～ Jul 5, 2013 4:04 PM		Jul 4, 2013 8:42 AM ～ Jul 5, 2013 4:03 PM		Jul 4, 2013 8:35 AM ～ Jul 5, 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)	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.

Reference

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS<5/12>

(Data summarized on August 7)

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	Jul 9, 2013 8:15 AM ～ Jul 10, 2013 8:34 AM		Jul 9, 2013 8:14 AM ～ Jul 10, 2013 8:38 AM		Jul 9, 2013 8:12 AM ～ Jul 10, 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)	5.2E-07	0.00	3.9E-07	0.00	5.5E-07	0.00	2E-03
Cs-137 (Approx. 30 years)	1.1E-06	0.00	8.7E-07	0.00	1.1E-06	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. 8E-8Bq/cm^3, Cs-137: Approx. 1E-7Bq/cm^3
  Particulate; I-131: 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<6/12>

(Data summarized on August 7)

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	Jul 10, 2013 8:37 AM ～ Jul 11, 2013 4:36 PM		Jul 10, 2013 8:40 AM ～ Jul 11, 2013 4:34 PM		Jul 10, 2013 8:33 AM ～ Jul 11, 2013 4:30 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)	6.0E-08	0.00	ND	-	7.8E-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 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, Cs-134: Approx. 4E-8Bq/cm^3, Cs-137: 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<7/12>

(Data summarized on August 7)

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	Jul 17, 2013 8:26 AM ～ Jul 18, 2013 8:13 AM		Jul 17, 2013 8:28 AM ～ Jul 18, 2013 8:15 AM		Jul 17, 2013 8:24 AM ～ Jul 18, 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)	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. 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. 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<8/12>

(Data summarized on August 7)

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	Jul 18, 2013 8:14 AM ～	Jul 19, 2013 4:06 PM	Jul 18, 2013 8:17 AM ～	Jul 19, 2013 4:08 PM	Jul 18, 2013 8:12 AM ～	Jul 19, 2013 4:03 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. 4E-8Bq/cm^3, Cs-134: Approx. 6E-8Bq/cm^3, Cs-137: Approx. 9E-8Bq/cm^3
  Particulate; I-131: Approx. 2E-8Bq/cm^3, Cs-134: Approx. 4E-8Bq/cm^3, Cs-137: 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<9/12>

(Data summarized on August 7)

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	Jul 23, 2013 8:19 AM ～ Jul 24, 2013 8:23 AM		Jul 23, 2013 8:21 AM ～ Jul 24, 2013 8:27 AM		Jul 23, 2013 8:16 AM ～ Jul 24, 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)	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. 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<10/12>

(Data summarized on August 7)

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	Jul 24, 2013 8:25 AM ～	Jul 25, 2013 4:08 PM	Jul 24, 2013 8:29 AM ～	Jul 25, 2013 4:11 PM	Jul 24, 2013 8:21 AM ～	Jul 25, 2013 4:02 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. 4E-8Bq/cm^3, Cs-137: 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<11/12>

(Data summarized on August 7)

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	Jul 30, 2013 8:34 AM ～	Jul 31, 2013 8:02 AM	Jul 30, 2013 8:37 AM ～	Jul 31, 2013 8:04 AM	Jul 30, 2013 8:31 AM ～	Jul 31, 2013 7:59 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. 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<12/12>

(Data summarized on August 7)

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	Jul 31, 2013 8:03 AM ～ Aug 1, 2013 4:45 PM		Jul 31, 2013 8:05 AM ～ Aug 1, 2013 4:42 PM		Jul 31, 2013 8:01 AM ～ Aug 1, 2013 4:36 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. 7E-8Bq/cm^3
  Particulate; I-131: Approx. 2E-8Bq/cm^3, Cs-134: Approx. 4E-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.