<Reference>
May 10, 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 <1/17>

(Data summarized on May 10)

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	Apr 1, 2013 8:14 AM – Apr 2, 2013 8:00 AM		Apr 1, 2013 8:16 AM – Apr 2, 2013 8:04 AM		Apr 1, 2013 8:10 AM – Apr 2, 2013 7:54 AM		
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm^3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm^3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm^3)	Scaling Factor (①/②)	
I-131 (Approx. 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (Approx. 2 years)	1.1E-07	0.00	1.3E-07	0.00	ND	-	2E-03
Cs-137 (Approx. 30 years)	2.4E-07	0.00	2.5E-07	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. 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 <2/17>

(Data summarized on May 10)

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	Apr 2, 2013 8:03 AM – Apr 3, 2013 8:36 AM		Apr 2, 2013 8:07 AM – Apr 3, 2013 8:42 AM		Apr 2, 2013 7:58 AM – Apr 3, 2013 8:29 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 <3/17>

(Data summarized on May 10)

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	Apr 3, 2013 8:40 AM – Apr 4, 2013 8:46 AM		Apr 3, 2013 8:46 AM – Apr 4, 2013 8:42 AM		Apr 3, 2013 8:33 AM – Apr 4, 2013 8:35 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	-	7.2E-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. 4E-8Bq/cm^3, Cs-134: Approx. 6E-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 <4/17>

(Data summarized on May 10)

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	Apr 4, 2013 8:50 AM – Apr 5, 2013 8:29 AM		Apr 4, 2013 8:45 AM – Apr 5, 2013 8:25 AM		Apr 4, 2013 8:39 AM – Apr 5, 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	-	1.3E-07	0.00	6.0E-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. 9E-8Bq/cm^3, Cs-137: Approx. 1E-7Bq/cm^3
  Particulate; I-131: Approx. 3E-8Bq/cm^3, Cs-134: Approx. 6E-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 <5/17>

(Data summarized on May 10)

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	Apr 5, 2013 8:32 AM – Apr 6, 2013 7:45 PM		Apr 5, 2013 8:28 AM – Apr 6, 2013 7:47 PM		Apr 5, 2013 8:23 AM – Apr 6, 2013 7:42 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	-	3.8E-08	0.00	ND	-	2E-03
Cs-137 (Approx. 30 years)	7.9E-08	0.00	8.0E-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. 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 <6/17>

(Data summarized on May 10)

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	Apr 8, 2013 8:47 AM – Apr 9, 2013 8:37 AM		Apr 8, 2013 8:43 AM – Apr 9, 2013 8:29 AM		Apr 8, 2013 8:36 AM – Apr 9, 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)	5.0E-08	0.00	ND	-	6.0E-08	0.00	2E-03
Cs-137 (Approx. 30 years)	1.3E-07	0.00	7.4E-08	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 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
  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 <7/17>

(Data summarized on May 10)

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	Apr 9, 2013 8:40 AM – Apr 10, 2013 8:17 AM		Apr 9, 2013 8:34 AM – Apr 10, 2013 8:21 AM		Apr 9, 2013 8:25 AM – Apr 10, 2013 8:12 AM		
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm^3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm^3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm^3)	Scaling Factor (①/②)	
I-131 (Approx. 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (Approx. 2 years)	1.3E-07	0.00	1.0E-07	0.00	8.2E-08	0.00	2E-03
Cs-137 (Approx. 30 years)	2.7E-07	0.00	1.9E-07	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 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
  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 <8/17>

(Data summarized on May 10)

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	Apr 10, 2013 8:19 AM – Apr 11, 2013 8:27 AM		Apr 10, 2013 8:23 AM – Apr 11, 2013 8:24 AM		Apr 10, 2013 8:15 AM – Apr 11, 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)	8.4E-08	0.00	6.7E-08	0.00	ND	-	2E-03
Cs-137 (Approx. 30 years)	1.9E-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 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
  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 <9/17>

(Data summarized on May 10)

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	Apr 11, 2013 8:29 AM – Apr 12, 2013 8:39 AM		Apr 11, 2013 8:26 AM – Apr 12, 2013 8:35 AM		Apr 11, 2013 8:22 AM – Apr 12, 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)	5.8E-08	0.00	ND	-	ND	-	2E-03
Cs-137 (Approx. 30 years)	9.5E-08	0.00	7.4E-08	0.00	5.6E-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. 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
  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 <10/17>

(Data summarized on May 10)

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	Apr 12, 2013 8:41 AM – Apr 13, 2013 6:51 PM		Apr 12, 2013 8:38 AM – Apr 13, 2013 6:55 PM		Apr 12, 2013 8:33 AM – Apr 13, 2013 6:47 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)	5.3E-08	0.00	3.9E-08	0.00	ND	-	2E-03
Cs-137 (Approx. 30 years)	1.1E-07	0.00	7.3E-08	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 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 <11/17>

(Data summarized on May 10)

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	Apr 15, 2013 8:45 AM – Apr 16, 2013 8:09 AM		Apr 15, 2013 8:41 AM – Apr 16, 2013 8:13 AM		Apr 15, 2013 8:34 AM – Apr 16, 2013 8:03 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. 9E-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 <12/17>

(Data summarized on May 10)

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	Apr 16, 2013 8:12 AM – Apr 17, 2013 8:50 AM		Apr 16, 2013 8:15 AM – Apr 17, 2013 8:45 AM		Apr 16, 2013 8:05 AM – Apr 17, 2013 8:35 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 <13/17>

(Data summarized on May 10)

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	Apr 17, 2013 8:55 AM – Apr 18, 2013 8:05 AM		Apr 17, 2013 8:48 AM – Apr 18, 2013 8:08 AM		Apr 17, 2013 8:35 AM – Apr 18, 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)	7.4E-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. 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 <14/17>

(Data summarized on May 10)

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	Apr 18, 2013 8:07 AM – Apr 19, 2013 5:50 PM		Apr 18, 2013 8:10 AM – Apr 19, 2013 5:45 PM		Apr 18, 2013 8:02 AM – Apr 19, 2013 5:45 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)	7.0E-08	0.00	4.0E-08	0.00	9.0E-08	0.00	2E-03
Cs-137 (Approx. 30 years)	1.2E-07	0.00	8.9E-08	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. 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
  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 <15/17>

(Data summarized on May 10)

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	Apr 22, 2013 8:49 AM – Apr 23, 2013 8:06 AM		Apr 22, 2013 8:45 AM – Apr 23, 2013 8:10 AM		Apr 22, 2013 8:39 AM – Apr 23, 2013 8:02 AM		
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm^3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm^3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm^3)	Scaling Factor (①/②)	
I-131 (Approx. 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (Approx. 2 years)	ND	-	5.0E-08	0.00	ND	-	2E-03
Cs-137 (Approx. 30 years)	8.3E-08	0.00	6.8E-08	0.00	8.8E-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. 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
  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 <16/17>

(Data summarized on May 10)

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	Apr 24, 2013 8:22 AM – Apr 25, 2013 8:13 AM		Apr 24, 2013 8:20 AM – Apr 25, 2013 8:15 AM		Apr 24, 2013 8:19 AM – Apr 25, 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)	7.2E-08	0.00	6.2E-08	0.00	5.2E-08	0.00	2E-03
Cs-137 (Approx. 30 years)	1.0E-07	0.00	ND	-	6.6E-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. 9E-8Bq/cm^3, Cs-137: Approx. 1E-7Bq/cm^3
  Particulate; I-131: Approx. 3E-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 <17/17>

(Data summarized on May 10)

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	Apr 25, 2013 8:17 AM – Apr 26, 2013 6:02 PM		Apr 25, 2013 8:14 AM – Apr 26, 2013 5:59 PM		Apr 25, 2013 8:12 AM – Apr 26, 2013 5:54 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)	4.5E-08	0.00	ND	-	ND	-	2E-03
Cs-137 (Approx. 30 years)	7.1E-08	0.00	ND	-	5.3E-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. 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.