

Reference

### Nuclides Analysis Result of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS <1/4>

(Data summarized on February 26)

Place of Sampling	Unit 4 Reactor Building Opening (Large Equipment Hatch)	Unit 1 Reactor Building Opening (Large Equipment Hatch)	Unit 2 Reactor Building Opening (Large Equipment Hatch)	② Density Limit Specified by the Reactor Regulation (Bq/cm <sup>3</sup> ) (Density limit in the air which radiation workers breathe in is specified in section 4 of Appendix 2)			
Time of Sampling	Feb 16, 2014 9:16AM - 10:16 AM	Feb 16, 2014 11:26AM - 12:26 PM	Feb 16, 2014 11:26AM - 12:26 PM				
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )				
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-06	0.00	ND	-	3E-03

\* 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<sup>-O</sup>

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-6Bq/cm<sup>3</sup>, Cs-134: Approx. 8E-6Bq/cm<sup>3</sup>, Cs-137: Approx. 1E-5Bq/cm<sup>3</sup>

Particulate; I-131: Approx. 2E-6Bq/cm<sup>3</sup>, Cs-134: Approx. 5E-6Bq/cm<sup>3</sup>, Cs-137: Approx. 7E-6Bq/cm<sup>3</sup>

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

Reference

## Nuclides Analysis Result of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS <2/4>

(Data summarized on February 26)

Place of Sampling	Unit 3 Turbine Building Opening (Large Equipment Hatch)	Unit 4 Turbine Building Opening (Large Equipment Hatch)	Unit 1 Waste Treatment Building (West Side Opening)	② Density Limit Specified by the Reactor Regulation (Bq/cm <sup>3</sup> ) (Density limit in the air which radiation workers breathe in is specified in section 4 of Appendix 2)			
Time of Sampling	Feb 16, 2014 11:16AM - 12:16 PM	Feb 16, 2014 11:16AM - 12:16 PM	Feb 16, 2014 9:14AM - 10:14 AM				
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )				
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-05	0.00	ND	-	3E-03

\* 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<sup>-O</sup>

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-6Bq/cm<sup>3</sup>, Cs-134: Approx. 8E-6Bq/cm<sup>3</sup>, Cs-137: Approx. 1E-5Bq/cm<sup>3</sup>

Particulate; I-131: Approx. 2E-6Bq/cm<sup>3</sup>, Cs-134: Approx. 5E-6Bq/cm<sup>3</sup>, Cs-137: Approx. 7E-6Bq/cm<sup>3</sup>

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

Reference

### Nuclides Analysis Result of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS <3/4>

(Data summarized on February 26)

Place of Sampling	Unit 2 Waste Treatment Building (West Side Opening)		Unit 4 Waste Treatment Building (Northwest Side Opening)		Process Main Building (Northwest Side Opening)		② Density Limit Specified by the Reactor Regulation (Bq/cm <sup>3</sup> ) (Density limit in the air which radiation workers breathe in is specified in section 4 of Appendix 2)
Time of Sampling	Feb 16, 2014 9:06AM - 10:06 AM		Feb 16, 2014 9:06AM - 10:16 AM		Feb 16, 2014 11:06AM - 12:06 PM		
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	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	-	6.7E-06	0.00	ND	-	3E-03

\* 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<sup>-O</sup>

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-6Bq/cm<sup>3</sup>, Cs-134: Approx. 8E-6Bq/cm<sup>3</sup>, Cs-137: Approx. 1E-5Bq/cm<sup>3</sup>

Particulate; I-131: Approx. 2E-6Bq/cm<sup>3</sup>, Cs-134: Approx. 5E-6Bq/cm<sup>3</sup>, Cs-137: Approx. 7E-6Bq/cm<sup>3</sup>

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

Reference

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

(Data summarized on February 26)

Place of Sampling	Incineration Workshop Building Opening (Southeast Side)	On-site Bunker Building Opening (Large Equipment Hatch)	Miscellaneous Solid Waste Volume Reduction Treatment Building Opening (Northeast Side)	② Density Limit Specified by the Reactor Regulation (Bq/cm <sup>3</sup> ) (Density limit in the air which radiation workers breathe in is specified in section 4 of Appendix 2)			
Time of Sampling	Feb 16, 2014 11:06AM - 12:06 PM	Feb 16, 2014 9:26AM - 10:26 AM	Feb 16, 2014 11:06AM - 10:26 AM				
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )				
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

\* 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<sup>-O</sup>

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-6Bq/cm<sup>3</sup>, Cs-134: Approx. 8E-6Bq/cm<sup>3</sup>, Cs-137: Approx. 1E-5Bq/cm<sup>3</sup>

Particulate; I-131: Approx. 2E-6Bq/cm<sup>3</sup>, Cs-134: Approx. 5E-6Bq/cm<sup>3</sup>, Cs-137: Approx. 7E-6Bq/cm<sup>3</sup>

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