

建屋開口部における空气中放射性物質の核種分析結果
Nuclides Analysis Result of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS

Reference

(Data summarized on MM/DD)

Place of Sampling	プロセス主建屋開口部 (除染装置室内) Process Main Building Opening (Decontamination Equipment Room)		造粒固化体貯蔵排気設備 (排気出口側) Exhaust Facility of Granular Solid Strage (Outlet)		3号機廃棄物処理建屋 (西側開口部) Unit 3 Waste Treatment Building (West Side Opening)		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)
	YY/MM/DD Time		YY/MM/DD Time		YY/MM/DD Time		
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)							1E-03
Cs-134 (Approx. 2 years)							2E-03
Cs-137 (Approx. 30 years)							3E-03

* O.OE—O is the same as O.O x 10-O

Data of other nuclides is under examination.

* In the case of 2 nuclides or more, 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.○—○Bq/cm³, Cs-134:Approx.:○—○Bq/cm³,Cs-137:.○—○Bq/cm³

Particulate:I-131:Approx.○—○Bq/cm³, Cs-134:Approx.:○—○Bq/cm³,Cs-137:.○—○Bq/cm³

As the detection limit may vary depending on the detector s and sample properties, there are cases where nuclides below the detection limit are detectec

建屋開口部における空气中放射性物質の核種分析結果
Nuclides Analysis Result of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS <1/4>

Reference

(Data summarized on MM/DD)

Place of Sampling	Unit 4 Reactor Building Opening (Large Equipment Hatch)		Unit 1 Turbine Building Opening (Large Equipment Hatch)		Unit 2 Turbine Building Opening (Large Equipment Hatch)		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)
	YY/MM/DD Time		YY/MM/DD Time		YY/MM/DD Time		
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)							
Cs-134 (Approx. 2 years)							
Cs-137 (Approx. 30 years)							

* 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 2 nuclides or more, 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 limit are as follows.

Volatile:I-131:Approx.○—○Bq/cm³, Cs-134:Approx.:○—○Bq/cm³,Cs-137:○—○Bq/cm³

Particulate:I-131:Approx.○—○Bq/cm³, Cs-134:Approx.:○—○Bq/cm³,Cs-137:○—○Bq/cm³

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

建屋開口部における空气中放射性物質の核種分析結果

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

Reference

(Data summarized on MM/DD)

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 ³) (Density limit in the air which radiation workers breathe in is specified in section 4 of Appendix 2)
Date and Time of Sampling	YY/MM/DD Time		YY/MM/DD Time		YY/MM/DD Time		
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)							
Cs-134 (Approx. 2 years)							
Cs-137 (Approx. 30 years)							

* 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 2 nuclides or more, 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 limit are as follows.

Volatile:I-131:Approx.O-O Bq/cm³, Cs-134:Approx.:O-O Bq/cm³,Cs-137:.O-O Bq/cm³

Particulate:I-131:Approx.O-O Bq/cm³, Cs-134:Approx.:O-O Bq/cm³,Cs-137:.O-O Bq/cm³

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

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

Reference

(Data summarized on MM/DD)

Place of Sampling	Unit 2 Waste Treatment Building (West Side Opening)		Unit 4 Waste Treatment Building (Northwest Side Opening)		Process Main Building Opening (East Side)		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)
	YY/MM/DD Time		YY/MM/DD Time		YY/MM/DD Time		
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)							
Cs-134 (Approx. 2 years)							
Cs-137 (Approx. 30 years)							

* 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 2 nuclides or more, 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 limit are as follows.

Volatile:I-131:Approx. O-O Bq/cm³, Cs-134:Approx.: O-O Bq/cm³, Cs-137:. O-O Bq/cm³

Particulate:I-131:Approx. O-O Bq/cm³, Cs-134:Approx.: O-O Bq/cm³, Cs-137:. O-O Bq/cm³

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

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

Reference

(Data summarized on MM/DD)

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 ³) (Density limit in the air which radiation workers breathe in is specified in section 4 of Appendix 2)
	YY/MM/DD Time		YY/MM/DD Time		YY/MM/DD Time		
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)							
Cs-134 (Approx. 2 years)							
Cs-137 (Approx. 30 years)							

* 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 2 nuclides or more, 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 limit are as follows.

Volatile:I-131:Approx.〇—〇Bq/cm³, Cs-134:Approx.:〇—〇Bq/cm³,Cs-137:.〇—〇Bq/cm³

Particulate:I-131:Approx.〇—〇Bq/cm³, Cs-134:Approx.:〇—〇Bq/cm³,Cs-137:.〇—〇Bq/cm³

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

建屋開口部等における空气中放射性物質の核種分析結果
Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS

Reference

(Data summarized on MM/DD)

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)
	Date and Time of Sampling	From	Till	From	Till	From	
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)							
Cs-134 (Approx. 2 years)							
Cs-137 (Approx. 30 years)							

* This is nuclide analysis result of the radioactive materials in the air of the fuel handling.

* 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 2 nuclides or more, 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 limit are as follows.

Volatile:I-131:Approx.O—OBq/cm³, Cs-134:Approx.:O—OBq/cm³,Cs-137:.O—OBq/cm³

Particulate:I-131:Approx.O—OBq/cm³, Cs-134:Approx.:O—OBq/cm³,Cs-137:.O—OBq/cm³

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