

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS <1/3>

(Data summarized on September 4)

Place of Sampling	3 rd Floor of Auxiliary Operation Shared Facility (Around the Machine Hatch)		3 rd Floor of Auxiliary Operation Shared Facility (In Fornt of South Stairs)		3 rd Floor of Auxiliary Operation Shared Facility (In Fornt of North Stairs)		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	Aug 27, 2012 8:54 AM	~ Aug 28, 2012 9:25 AM	Aug 27, 2012 8:57 AM	~ Aug 28, 2012 9:31 AM	Aug 27, 2012 8:50 AM	~ Aug 28, 2012 9:19 AM	
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (Approx. 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (Approx. 2 years)	2.1E-07	0.00	1.4E-07	0.00	1.9E-07	0.00	2E-03
Cs-137 (Approx. 30 years)	3.9E-07	0.00	2.0E-07	0.00	2.5E-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 10⁻⁰

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/cm³, Cs-134: Approx. 1E-7Bq/cm³, Cs-137: Approx. 2E-7Bq/cm³

Particulate: I-131: Approx. 4E-8Bq/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.

Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS <2/3>

(Data summarized on September 4)

Place of Sampling	3 rd Floor of Auxiliary Operation Shared Facility (Around the Machine Hatch)		3 rd Floor of Auxiliary Operation Shared Facility (In Fornt of South Stairs)		3 rd Floor of Auxiliary Operation Shared Facility (In Fornt of North Stairs)		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	Aug 28, 2012 9:29 AM	~ Aug 29, 2012 9:20 AM	Aug 28, 2012 9:35 AM	~ Aug 29, 2012 9:26 AM	Aug 28, 2012 9:23 AM	~ Aug 29, 2012 9:14 AM	
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (Approx. 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (Approx. 2 years)	2.6E-07	0.00	1.5E-07	0.00	2.4E-07	0.00	2E-03
Cs-137 (Approx. 30 years)	4.1E-07	0.00	2.2E-07	0.00	3.5E-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 10⁻⁰

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/cm³, Cs-134: Approx. 1E-7Bq/cm³, Cs-137: Approx. 1E-7Bq/cm³

Particulate: I-131: Approx. 4E-8Bq/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.

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

(Data summarized on September 4)

Place of Sampling	3 rd Floor of Auxiliary Operation Shared Facility (Around the Machine Hatch)		3 rd Floor of Auxiliary Operation Shared Facility (In Fornt of South Stairs)		3 rd Floor of Auxiliary Operation Shared Facility (In Fornt of North Stairs)		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	Aug 29, 2012 9:24 AM	~ Aug 30, 2012 9:31 AM	Aug 29, 2012 9:29 AM	~ Aug 30, 2012 9:36 AM	Aug 29, 2012 9:18 AM	~ Aug 30, 2012 9:25 AM	
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (Approx. 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (Approx. 2 years)	2.8E-07	0.00	4.2E-07	0.00	2.7E-07	0.00	2E-03
Cs-137 (Approx. 30 years)	3.8E-07	0.00	6.4E-07	0.00	3.8E-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 10⁻⁰

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/cm³, Cs-134: Approx. 1E-7Bq/cm³, Cs-137: Approx. 2E-7Bq/cm³

Particulate: I-131: Approx. 4E-8Bq/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.