

Correct

Reference

Nuclides Analysis Result of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS < 6/6 >

(Data summarized on July 25)

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	Jul 19, 2012 1:03 PM	Jul 20, 2012 1:19 PM	Time of Sampling	Jul 19, 2012 1:13 PM	Jul 20, 2012 1:28 PM		Time of Sampling
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)	ND	-	ND	-	5.6E-07	0.00	2E-03	
Cs-137 (Approx. 30 years)	ND	-	ND	-	8.1E-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 10⁰

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, Cs-134: Approx. 7E-8Bq/cm³, Cs-137: Approx. 8E-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.

* The analysis result which was conducted when the fuel was not handled before or after this analysis are as follows.

- Around the machine hatch:

From 1:07 PM on July 17, 2012 to 1:28 PM on July 18: I-131:ND, Cs-134: 1.5E-7Bq/cm³, Cs-137: 2.3E-7Bq/cm³.

From 1:33 PM on July 18, 2012 to 12:59 PM on July 19: I-131:ND, Cs-134: 6.6E-8Bq/cm³, Cs-137: 1.4E-7Bq/cm³.

From 1:27 PM on July 20, 2012 to 1:41 PM on July 21: I-131:ND, Cs-134: 2.2E-7Bq/cm³, Cs-137: 4.3E-7Bq/cm³.

- In fornt of south stairs:

From 1:12 PM on July 17, 2012 to 1:35 PM on July 18: I-131:ND, Cs-134: 1.5E-7Bq/cm³, Cs-137: 2.3E-7Bq/cm³.

From 1:40 PM on July 18, 2012 to 1:08 PM on July 19: I-131:ND, Cs-134: 6.7E-8Bq/cm³, Cs-137: 7.3E-8Bq/cm³.

From 1:33 PM on July 20, 2012 to 1:37 PM on July 21: I-131:ND, Cs-134: 1.3E-7Bq/cm³, Cs-137: 1.9E-7Bq/cm³.

- In front of north stairs:

From 1:01 PM on July 17, 2012 to 1:20 PM on July 18: I-131:ND, Cs-134: 4.7E-7Bq/cm³, Cs-137: 7.5E-7Bq/cm³.

From 1:26 PM on July 18, 2012 to 12:52 PM on July 19: I-131:ND, Cs-134: 1.3E-7Bq/cm³, Cs-137: 2.1E-7Bq/cm³.

From 1:15 PM on July 20, 2012 to 1:32 PM on July 21: I-131:ND, Cs-134: 3.8E-7Bq/cm³, Cs-137: 6.0E-7Bq/cm³.

The detection limits of I-131 are as follows.

Volatile: Approx. 5E-8Bq/cm³ Particulate: Approx. 4E-8Bq/cm³

* We announced Time of Sampling in 3rd Floor of Auxiliary Operation Shared Facility (Around the Machine Hatch,

In Fornt of South Stairs) released on July 25 by mistake. We correct it, and please accept our apologies for this mistake.

<Original (Place of Sampling / Time of Sampling) >

- 3rd Floor of Auxiliary Operation Shared Facility (Around the Machine Hatch)

/ From 1:03 PM on July 19 to 1:28 PM on July 20

- 3rd Floor of Auxiliary Operation Shared Facility (In Fornt of South Stairs)

/ From 1:13 PM on July 19 to 1:19 PM on July 20

<Correction (Place of Sampling / Time of Sampling) >

- 3rd Floor of Auxiliary Operation Shared Facility (Around the Machine Hatch)

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(Data summarized on July 25)

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)		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 19, 2012 1:03 PM	Jul 20, 2012 1:28 PM	Jul 19, 2012 1:13 PM	Jul 20, 2012 1:19 PM	Jul 19, 2012 12:57 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
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