

【Definite Report】 Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling : Fukushima Daiichi Nuclear Power Station: North Side of Administration Office

Date and Tim of Sampling : 11:53 am March 19th, 2011 ~ 12:13 am March 19th, 2011

( Re-evaluation )

( Announced on March 22 )

Detected Nuclide (half-life)		Radioactivity density (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (Density limit in the air to workers engaged in tasks associated with radiation in the section 4 of the appendix 2)	Scaling Factor ( / )	Radioactivity Density (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		
Zr-95 (about 64 days)	Volatile	Not Detectable	5E-03	-	Not Detectable	-
	Particulate	Not Detectable		-		
Tc-99m (about 6 hours)	Volatile	Not Detectable	7E-01	-	Not Detectable	-
	Particulate	Not Detectable		-		
Ru-105 (about 4 hours)	Volatile	Not Detectable	8E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		
Ru-106 (about 374 days)	Volatile	Not Detectable	6E-04	-	2.146E-04 2	-
	Particulate	Not Detectable		-		
Ag-110m (about 250 days)	Volatile	Not Detectable	3E-03	-	Not Detectable	-
	Particulate	Not Detectable		-		
Sn-113 (about 115 days)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		
Te-129 (about 70 minutes)	Volatile	Not Detectable	4E-01	-	Not Detectable	-
	Particulate	Not Detectable		-		
Te-129m (about 34 days)	Volatile	Not Detectable	4E-03	-	Not Detectable	-
	Particulate	Not Detectable		-		
I-131 (about 8 days)	Volatile	5.9E-03	1E-03	5.9	5.940E-03 2	-
	Particulate	1.1E-03		1.1		
I-132 (about 2 hours)	Volatile	Not Detectable	7E-02	-	2.203E-03 2	-
	Particulate	3.8E-04		0.01		
Te-132 (about 3 days)	Volatile	Not Detectable	4E-03	-	6.738E-05 2	-
	Particulate	3.0E-05		0.01		
I-133 (about 21 hours)	Volatile	3.8E-05	5E-03	0.01	3.773E-05 2	-
	Particulate	Not Detectable		-		
Cs-134 (about 2 years)	Volatile	Not Detectable	2E-03	-	2.165E-05 2	-
	Particulate	2.2E-05		0.01		
Cs-136 (about 13 days)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		
Cs-137 (about 30 years)	Volatile	Not Detectable	3E-03	-	2.437E-05 2	-
	Particulate	2.4E-05		0.01		
La-140 (about 40 hours)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		
Ce-144 (about 284 days)	Volatile	Not Detectable	7E-04	-	Not Detectable	-
	Particulate	Not Detectable		-		

1 In accordance with the preventive measures, Identification and determination of radioactivity density were conducted based on main peaks, Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, Transcription error has been modified.

2 Iodine (I-131, I-132, I-133) is evaluated only for volatile. Cesium (Cs-134, Cs-136, Cs-137) and cobalt (Co-58) are evaluated only for particulate. Other nuclides are evaluated as sum of volatile and particulate. In the course of re-evaluation, we separately evaluated the nuclides, which were detected through the filter of volatile and particulate.

. E - means . x 10 -

In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

【Definite Report】 Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling : Fukushima Daiichi Nuclear Power Station: North Side of Administration Office

Date and Tim of Sampling : 1:41 am March 20th, 2011 ~ 2:01 am March 20th, 2011

( Re-evaluation )

( Announced on March 22 )

Detected Nuclide (half-life)		Radioactivity density (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (Density limit in the air to workers engaged in tasks associated with radiation in the section 4 of the appendix 2)	Scaling Factor ( / )	Radioactivity Density (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		
Zr-95 (about 64 days)	Volatile	Not Detectable	5E-03	-	Not Detectable	-
	Particulate	Not Detectable		-		
Tc-99m (about 6 hours)	Volatile	Not Detectable	7E-01	-	Not Detectable	-
	Particulate	Not Detectable		-		
Ru-105 (about 4 hours)	Volatile	Not Detectable	8E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		
Ru-106 (about 374 days)	Volatile	Not Detectable	6E-04	-	3.783E-05 2	-
	Particulate	Not Detectable		-		
Ag-110m (about 250 days)	Volatile	Not Detectable	3E-03	-	Not Detectable	-
	Particulate	Not Detectable		-		
Sn-113 (about 115 days)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		
Te-129 (about 70 minutes)	Volatile	Not Detectable	4E-01	-	Not Detectable	-
	Particulate	Not Detectable		-		
Te-129m (about 34 days)	Volatile	Not Detectable	4E-03	-	1.367E-04 2	-
	Particulate	1.4E-04		0.04		
I-131 (about 8 days)	Volatile	2.3E-03	1E-03	2.3	2.303E-03 2	-
	Particulate	1.3E-03		1.3		
I-132 (about 2 hours)	Volatile	Not Detectable	7E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		
Te-132 (about 3 days)	Volatile	2.9E-04	4E-03	0.07	5.068E-04 2	-
	Particulate	2.2E-04		0.06		
I-133 (about 21 hours)	Volatile	Not Detectable	5E-03	-	Not Detectable	-
	Particulate	Not Detectable		-		
Cs-134 (about 2 years)	Volatile	4.0E-05	2E-03	0.02	2.840E-05 2	-
	Particulate	2.8E-05		0.01		
Cs-136 (about 13 days)	Volatile	Not Detectable	1E-02	-	5.629E-06 2	-
	Particulate	Not Detectable		-		
Cs-137 (about 30 years)	Volatile	3.9E-05	3E-03	0.01	2.892E-05 2	-
	Particulate	2.9E-05		0.01		
La-140 (about 40 hours)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		
Ce-144 (about 284 days)	Volatile	Not Detectable	7E-04	-	Not Detectable	-
	Particulate	Not Detectable		-		

1 In accordance with the preventive measures, Identification and determination of radioactivity density were conducted based on main peaks, Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, Transcription error has been modified.

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In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

【Definite Report】 Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling : Fukushima Daiichi Nuclear Power Station: North Side of Administration Office

Date and Tim of Sampling : 10:19 am March 21st, 2011 ~ 10:39 am March 21st, 2011

( Re-evaluation )

( Announced on March 22 )

Detected Nuclide (half-life)		Radioactivity density (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (Density limit in the air to workers engaged in tasks associated with radiation in the section 4 of the appendix 2)	Scaling Factor ( / )	Radioactivity Density (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		
Zr-95 (about 64 days)	Volatile	Not Detectable	5E-03	-	Not Detectable	-
	Particulate	Not Detectable		-		
Tc-99m (about 6 hours)	Volatile	Not Detectable	7E-01	-	Not Detectable	-
	Particulate	Not Detectable		-		
Ru-105 (about 4 hours)	Volatile	Not Detectable	8E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		
Ru-106 (about 374 days)	Volatile	Not Detectable	6E-04	-	Not Detectable	-
	Particulate	Not Detectable		-		
Ag-110m (about 250 days)	Volatile	Not Detectable	3E-03	-	Not Detectable	-
	Particulate	Not Detectable		-		
Sn-113 (about 115 days)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		
Te-129 (about 70 minutes)	Volatile	1.2E-04	4E-01	0.00	1.326E-03 2	-
	Particulate	6.4E-05		0.00		
Te-129m (about 34 days)	Volatile	Not Detectable	4E-03	-	Not Detectable	-
	Particulate	Not Detectable		-		
I-131 (about 8 days)	Volatile	1.5E-03	1E-03	1.5	1.516E-03 2	-
	Particulate	9.2E-04		0.92		
I-132 (about 2 hours)	Volatile	2.5E-04	7E-02	0.00	2.539E-04 2	-
	Particulate	1.1E-04		0.00		
Te-132 (about 3 days)	Volatile	2.3E-04	4E-03	0.06	3.911E-04 2	-
	Particulate	1.6E-04		0.04		
I-133 (about 21 hours)	Volatile	Not Detectable	5E-03	-	Not Detectable	-
	Particulate	Not Detectable		-		
Cs-134 (about 2 years)	Volatile	3.1E-05	2E-03	0.02	3.383E-05 2	-
	Particulate	3.4E-05		0.02		
Cs-136 (about 13 days)	Volatile	Not Detectable	1E-02	-	4.529E-06 2	-
	Particulate	4.5E-06		0.00		
Cs-137 (about 30 years)	Volatile	3.6E-05	3E-03	0.01	3.801E-05 2	-
	Particulate	3.8E-05		0.01		
La-140 (about 40 hours)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		
Ce-144 (about 284 days)	Volatile	Not Detectable	7E-04	-	Not Detectable	-
	Particulate	Not Detectable		-		

1 In accordance with the preventive measures, Identification and determination of radioactivity density were conducted based on main peaks, Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, Transcription error has been modified.

2 Iodine (I-131, I-132, I-133) is evaluated only for volatile. Cesium (Cs-134, Cs-136, Cs-137) and cobalt (Co-58) are evaluated only for particulate. Other nuclides are evaluated as sum of volatile and particulate. In the course of re-evaluation, we separately evaluated the nuclides, which were detected through the filter of volatile and particulate.

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In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

【Definite Report】 Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling :

Fukushima Daiichi Nuclear Power Station: Main Gate

Date and Tim of Sampling :

1:10 am March 22nd, 2011

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1:30 am March 22nd, 2011

( Re-evaluation )

( Announced on March 23 )

Detected Nuclide (half-life)		Radioactivity density (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (Density limit in the air to workers engaged in tasks associated with radiation in the section 4 of the appendix 2)	Scaling Factor ( / )	Radioactivity Density (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		
Zr-95 (about 64 days)	Volatile	Not Detectable	5E-03	-	Not Detectable	-
	Particulate	Not Detectable		-		
Tc-99m (about 6 hours)	Volatile	Not Detectable	7E-01	-	Not Detectable	-
	Particulate	Not Detectable		-		
Ru-105 (about 4 hours)	Volatile	Not Detectable	8E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		
Ru-106 (about 374 days)	Volatile	Not Detectable	6E-04	-	Not Detectable	-
	Particulate	Not Detectable		-		
Ag-110m (about 250 days)	Volatile	Not Detectable	3E-03	-	Not Detectable	-
	Particulate	Not Detectable		-		
Sn-113 (about 115 days)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		
Te-129 (about 70 minutes)	Volatile	Not Detectable	4E-01	-	Not Detectable	-
	Particulate	Not Detectable		-		
Te-129m (about 34 days)	Volatile	Not Detectable	4E-03	-	Not Detectable	-
	Particulate	Not Detectable		-		
I-131 (about 8 days)	Volatile	2.2E-03	1E-03	2.2	2.239E-03 2	-
	Particulate	4.7E-04		0.47		
I-132 (about 2 hours)	Volatile	Not Detectable	7E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		
Te-132 (about 3 days)	Volatile	5.1E-05	4E-03	0.01	6.680E-05 2	-
	Particulate	1.6E-05		0.00		
I-133 (about 21 hours)	Volatile	Not Detectable	5E-03	-	Not Detectable	-
	Particulate	Not Detectable		-		
Cs-134 (about 2 years)	Volatile	1.1E-05	2E-03	0.01	1.591E-05 2	-
	Particulate	1.6E-05		0.01		
Cs-136 (about 13 days)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		
Cs-137 (about 30 years)	Volatile	1.3E-05	3E-03	0.00	1.889E-05 2	-
	Particulate	1.9E-05		0.01		
La-140 (about 40 hours)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		
Ce-144 (about 284 days)	Volatile	Not Detectable	7E-04	-	Not Detectable	-
	Particulate	Not Detectable		-		

1 In accordance with the preventive measures, Identification and determination of radioactivity density were conducted based on main peaks, Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, Transcription error has been modified.

2 Iodine (I-131, I-132, I-133) is evaluated only for volatile. Cesium (Cs-134, Cs-136, Cs-137) and cobalt (Co-58) are evaluated only for particulate. Other nuclides are evaluated as sum of volatile and particulate. In the course of re-evaluation, we separately evaluated the nuclides, which were detected through the filter of volatile and particulate.

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In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

【Definite Report】 Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling :

Fukushima Daiichi Nuclear Power Station: Main Gate

Date and Tim of Sampling :

2:01 am March 23rd, 2011

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2:21 am March 23rd, 2011

( Re-evaluation )

( Announced on March 24 )

Detected Nuclide (half-life)		Radioactivity density (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (Density limit in the air to workers engaged in tasks associated with radiation in the section 4 of the appendix 2)	Scaling Factor ( / )	Radioactivity Density (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Volatile	Not Detectable	1E-02	-	5.1E-06 2	-
	Particulate	Not Detectable		-		
Zr-95 (about 64 days)	Volatile	Not Detectable	5E-03	-	Not Detectable	-
	Particulate	Not Detectable		-		
Tc-99m (about 6 hours)	Volatile	Not Detectable	7E-01	-	Not Detectable	-
	Particulate	Not Detectable		-		
Ru-105 (about 4 hours)	Volatile	Not Detectable	8E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		
Ru-106 (about 374 days)	Volatile	Not Detectable	6E-04	-	Not Detectable	-
	Particulate	Not Detectable		-		
Ag-110m (about 250 days)	Volatile	Not Detectable	3E-03	-	Not Detectable	-
	Particulate	Not Detectable		-		
Sn-113 (about 115 days)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		
Te-129 (about 70 minutes)	Volatile	Not Detectable	4E-01	-	2.3E-01 2	-
	Particulate	9.9E-05		0.00		
Te-129m (about 34 days)	Volatile	Not Detectable	4E-03	-	Not Detectable	-
	Particulate	Not Detectable		-		
I-131 (about 8 days)	Volatile	6.7E-04	1E-03	0.67	6.7E-04 2	-
	Particulate	4.3E-04		0.43		
I-132 (about 2 hours)	Volatile	Not Detectable	7E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		
Te-132 (about 3 days)	Volatile	3.0E-04	4E-03	0.08	4.3E-04 2	-
	Particulate	1.4E-04		0.04		
I-133 (about 21 hours)	Volatile	Not Detectable	5E-03	-	Not Detectable	-
	Particulate	Not Detectable		-		
Cs-134 (about 2 years)	Volatile	2.2E-05	2E-03	0.01	1.7E-05 2	-
	Particulate	1.7E-05		0.01		
Cs-136 (about 13 days)	Volatile	Not Detectable	1E-02	-	3.0E-06 2	-
	Particulate	3.0E-06		0.00		
Cs-137 (about 30 years)	Volatile	2.3E-05	3E-03	0.01	1.3E-05 2	-
	Particulate	1.3E-05		0.00		
La-140 (about 40 hours)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		
Ce-144 (about 284 days)	Volatile	Not Detectable	7E-04	-	1.3E-03 2	-
	Particulate	Not Detectable		-		

1 In accordance with the preventive measures, Identification and determination of radioactivity density were conducted based on main peaks, Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, Transcription error has been modified.

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In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

【Definite Report】 Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling :

Fukushima Daiichi Nuclear Power Station: Main Gate

Date and Tim of Sampling :

5:27 am March 24th, 2011

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5:47 am March 24th, 2011

( Re-evaluation )

( Announced on March 25 )

Detected Nuclide (half-life)		Radioactivity density ( Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation ( Bq/cm <sup>3</sup> ) (Density limit in the air to workers engaged in tasks associated with radiation in the section 4 of the appendix 2)	Scaling Factor ( / )	Radioactivity Density ( Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-	Not Detectable	-
Zr-95 (about 64 days)	Volatile	Not Detectable	5E-03	-	2.5E-05 2	-
	Particulate	Not Detectable		-		
Tc-99m (about 6 hours)	Volatile	Not Detectable	7E-01	-	Not Detectable	-
	Particulate	Not Detectable		-		
Ru-105 (about 4 hours)	Volatile	Not Detectable	8E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		
Ru-106 (about 374 days)	Volatile	Not Detectable	6E-04	-	Not Detectable	-
	Particulate	Not Detectable		-		
Ag-110m (about 250 days)	Volatile	Not Detectable	3E-03	-	Not Detectable	-
	Particulate	Not Detectable		-		
Sn-113 (about 115 days)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		
Te-129 (about 70 minutes)	Volatile	Not Detectable	4E-01	-	4.6E+00 2	-
	Particulate	Not Detectable		-		
Te-129m (about 34 days)	Volatile	2.2E-04	4E-03	0.06	3.4E-04 2	-
	Particulate	1.2E-04		0.03		
I-131 (about 8 days)	Volatile	1.5E-03	1E-03	1.5	1.5E-03	-
	Particulate	5.0E-04		0.50	5.0E-04	-
I-132 (about 2 hours)	Volatile	Not Detectable	7E-02	-	Not Detectable	-
	Particulate	Not Detectable		-	Not Detectable	-
Te-132 (about 3 days)	Volatile	2.3E-04	4E-03	0.06	3.6E-04 2	-
	Particulate	1.3E-04		0.03		
I-133 (about 21 hours)	Volatile	Not Detectable	5E-03	-	Not Detectable	-
	Particulate	Not Detectable		-	Not Detectable	-
Cs-134 (about 2 years)	Volatile	3.2E-05	2E-03	0.02	3.2E-05	-
	Particulate	1.1E-05		0.01	1.1E-05	-
Cs-136 (about 13 days)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-	Not Detectable	-
Cs-137 (about 30 years)	Volatile	3.1E-05	3E-03	0.01	3.1E-05	-
	Particulate	1.2E-05		0.00	1.2E-05	-
La-140 (about 40 hours)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		
Ce-144 (about 284 days)	Volatile	Not Detectable	7E-04	-	Not Detectable	-
	Particulate	Not Detectable		-		

1 In accordance with the preventive measures, Identification and determination of radioactivity density were conducted based on main peaks, Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, Transcription error has been modified.

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In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

【Definite Report】 Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling :

Fukushima Daiichi Nuclear Power Station: Main Gate

Date and Tim of Sampling :

2:01 am March 25th, 2011

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2:21 am March 25th, 2011

( Re-evaluation )

( Announced on March 26 )

Detected Nuclide (half-life)		Radioactivity density (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (Density limit in the air to workers engaged in tasks associated with radiation in the section 4 of the appendix 2)	Scaling Factor ( / )	Radioactivity Density (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-	Not Detectable	-
Zr-95 (about 64 days)	Volatile	Not Detectable	5E-03	-	Not Detectable	-
	Particulate	Not Detectable		-		-
Tc-99m (about 6 hours)	Volatile	Not Detectable	7E-01	-	Not Detectable	-
	Particulate	Not Detectable		-		-
Ru-105 (about 4 hours)	Volatile	Not Detectable	8E-02	-	3.1E-04 2	-
	Particulate	Not Detectable		-		-
Ru-106 (about 374 days)	Volatile	Not Detectable	6E-04	-	Not Detectable	-
	Particulate	Not Detectable		-		-
Ag-110m (about 250 days)	Volatile	Not Detectable	3E-03	-	Not Detectable	-
	Particulate	Not Detectable		-		-
Sn-113 (about 115 days)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		-
Te-129 (about 70 minutes)	Volatile	Not Detectable	4E-01	-	Not Detectable	-
	Particulate	Not Detectable		-		-
Te-129m (about 34 days)	Volatile	Not Detectable	4E-03	-	Not Detectable	-
	Particulate	Not Detectable		-		-
I-131 (about 8 days)	Volatile	8.8E-04	1E-03	0.88	8.8E-04	-
	Particulate	3.2E-04		0.32	3.2E-04	-
I-132 (about 2 hours)	Volatile	Not Detectable	7E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		Not Detectable
Te-132 (about 3 days)	Volatile	5.2E-05	4E-03	0.01	8.2E-05 2	-
	Particulate	3.0E-05		0.01		-
I-133 (about 21 hours)	Volatile	Not Detectable	5E-03	-	Not Detectable	-
	Particulate	Not Detectable		-		Not Detectable
Cs-134 (about 2 years)	Volatile	3.2E-05	2E-03	0.02	3.2E-05	-
	Particulate	1.6E-05		0.01	1.6E-05	-
Cs-136 (about 13 days)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		Not Detectable
Cs-137 (about 30 years)	Volatile	2.4E-05	3E-03	0.01	2.4E-05	-
	Particulate	1.6E-05		0.01	1.6E-05	-
La-140 (about 40 hours)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		-
Ce-144 (about 284 days)	Volatile	Not Detectable	7E-04	-	Not Detectable	-
	Particulate	Not Detectable		-		-

1 In accordance with the preventive measures, Identification and determination of radioactivity density were conducted based on main peaks, Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, Transcription error has been modified.

2 Iodine (I-131, I-132, I-133) is evaluated only for volatile. Cesium (Cs-134, Cs-136, Cs-137) and cobalt (Co-58) are evaluated only for particulate. Other nuclides are evaluated as sum of volatile and particulate. In the course of re-evaluation, we separately evaluated the nuclides, which were detected through the filter of volatile and particulate.

. E - means . x 10 -

In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

【Definite Report】 Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling :

Fukushima Daiichi Nuclear Power Station: Main Gate

Date and Tim of Sampling :

2:00 am March 26th, 2011

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2:20 am March 26th, 2011

( Re-evaluation )

( Announced on March 27 )

Detected Nuclide (half-life)		Radioactivity density (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (Density limit in the air to workers engaged in tasks associated with radiation in the section 4 of the appendix 2)	Scaling Factor ( / )	Radioactivity Density (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-	Not Detectable	-
Zr-95 (about 64 days)	Volatile	Not Detectable	5E-03	-	Not Detectable	-
	Particulate	Not Detectable		-		-
Tc-99m (about 6 hours)	Volatile	Not Detectable	7E-01	-	Not Detectable	-
	Particulate	Not Detectable		-		-
Ru-105 (about 4 hours)	Volatile	Not Detectable	8E-02	-	6.0E-05 2	-
	Particulate	Not Detectable		-		-
Ru-106 (about 374 days)	Volatile	Not Detectable	6E-04	-	Not Detectable	-
	Particulate	Not Detectable		-		-
Ag-110m (about 250 days)	Volatile	Not Detectable	3E-03	-	Not Detectable	-
	Particulate	Not Detectable		-		-
Sn-113 (about 115 days)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		-
Te-129 (about 70 minutes)	Volatile	1.1E-04	4E-01	0.00	5.2E-02 2	-
	Particulate	Not Detectable		-		-
Te-129m (about 34 days)	Volatile	Not Detectable	4E-03	-	Not Detectable	-
	Particulate	Not Detectable		-		-
I-131 (about 8 days)	Volatile	3.0E-04	1E-03	0.30	3.0E-04	-
	Particulate	2.6E-04		0.26	2.6E-04	-
I-132 (about 2 hours)	Volatile	Not Detectable	7E-02	-	Not Detectable	-
	Particulate	Not Detectable		-	Not Detectable	-
Te-132 (about 3 days)	Volatile	1.4E-04	4E-03	0.04	1.6E-04 2	-
	Particulate	2.3E-05		0.01		-
I-133 (about 21 hours)	Volatile	Not Detectable	5E-03	-	Not Detectable	-
	Particulate	Not Detectable		-	Not Detectable	-
Cs-134 (about 2 years)	Volatile	1.2E-05	2E-03	0.01	1.2E-05	-
	Particulate	1.8E-05		0.01	1.8E-05	-
Cs-136 (about 13 days)	Volatile	6.2E-06	1E-02	0.00	6.2E-06	-
	Particulate	Not Detectable		-	Not Detectable	-
Cs-137 (about 30 years)	Volatile	8.8E-06	3E-03	0.00	8.8E-06	-
	Particulate	1.6E-05		0.01	1.6E-05	-
La-140 (about 40 hours)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		-
Ce-144 (about 284 days)	Volatile	Not Detectable	7E-04	-	Not Detectable	-
	Particulate	Not Detectable		-		-

1 In accordance with the preventive measures, Identification and determination of radioactivity density were conducted based on main peaks, Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, Transcription error has been modified.

2 Iodine (I-131, I-132, I-133) is evaluated only for volatile. Cesium (Cs-134, Cs-136, Cs-137) and cobalt (Co-58) are evaluated only for particulate. Other nuclides are evaluated as sum of volatile and particulate. In the course of re-evaluation, we separately evaluated the nuclides, which were detected through the filter of volatile and particulate.

. E - means . x 10 -

In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.



【Definite Report】 Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling :

Fukushima Daiichi Nuclear Power Station: West Gate

Date and Tim of Sampling :

2:00 am March 27th, 2011

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2:20 am March 27th, 2011

( Re-evaluation )

( Announced on March 28 )

Detected Nuclide (half-life)		Radioactivity density (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (Density limit in the air to workers engaged in tasks associated with radiation in the section 4 of the appendix 2)	Scaling Factor ( / )	Radioactivity Density (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		
Zr-95 (about 64 days)	Volatile	Not Detectable	5E-03	-	Not Detectable	-
	Particulate	Not Detectable		-		
Tc-99m (about 6 hours)	Volatile	Not Detectable	7E-01	-	Not Detectable	-
	Particulate	Not Detectable		-		
Ru-105 (about 4 hours)	Volatile	Not Detectable	8E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		
Ru-106 (about 374 days)	Volatile	Not Detectable	6E-04	-	Not Detectable	-
	Particulate	Not Detectable		-		
Ag-110m (about 250 days)	Volatile	Not Detectable	3E-03	-	Not Detectable	-
	Particulate	Not Detectable		-		
Sn-113 (about 115 days)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		
Te-129 (about 70 minutes)	Volatile	Not Detectable	4E-01	-	2.6E-02 2	-
	Particulate	Not Detectable		-		
Te-129m (about 34 days)	Volatile	1.9E-04	4E-03	0.05	1.9E-04 2	-
	Particulate	Not Detectable		-		
I-131 (about 8 days)	Volatile	4.5E-04	1E-03	0.45	4.5E-04	-
	Particulate	2.1E-04		0.21		
I-132 (about 2 hours)	Volatile	Not Detectable	7E-02	-	1.8E-04 2	-
	Particulate	Not Detectable		-		
Te-132 (about 3 days)	Volatile	9.9E-05	4E-03	0.02	1.2E-04 2	-
	Particulate	1.7E-05		0.00		
I-133 (about 21 hours)	Volatile	Not Detectable	5E-03	-	Not Detectable	-
	Particulate	Not Detectable		-		
Cs-134 (about 2 years)	Volatile	1.2E-05	2E-03	0.01	1.2E-05	-
	Particulate	1.6E-05		0.01		
Cs-136 (about 13 days)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		
Cs-137 (about 30 years)	Volatile	1.4E-05	3E-03	0.00	1.4E-05	-
	Particulate	1.4E-05		0.00		
La-140 (about 40 hours)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		
Ce-144 (about 284 days)	Volatile	Not Detectable	7E-04	-	Not Detectable	-
	Particulate	Not Detectable		-		

1 In accordance with the preventive measures, Identification and determination of radioactivity density were conducted based on main peaks, Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, Transcription error has been modified.

2 Iodine (I-131, I-132, I-133) is evaluated only for volatile. Cesium (Cs-134, Cs-136, Cs-137) and cobalt (Co-58) are evaluated only for particulate. Other nuclides are evaluated as sum of volatile and particulate. In the course of re-evaluation, we separately evaluated the nuclides, which were detected through the filter of volatile and particulate.

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In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

【Definite Report】 Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling :

Fukushima Daiichi Nuclear Power Station: West Gate

Date and Tim of Sampling :

2:00 am March 28th, 2011

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2:20 am March 28th, 2011

( Re-evaluation )

( Announced on March 29 )

Detected Nuclide (half-life)		Radioactivity density ( Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation ( Bq/cm <sup>3</sup> ) (Density limit in the air to workers engaged in tasks associated with radiation in the section 4 of the appendix 2)	Scaling Factor ( / )	Radioactivity Density ( Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-	Not Detectable	-
Zr-95 (about 64 days)	Volatile	Not Detectable	5E-03	-	Not Detectable	-
	Particulate	Not Detectable		-		-
Tc-99m (about 6 hours)	Volatile	Not Detectable	7E-01	-	Not Detectable	-
	Particulate	Not Detectable		-		-
Ru-105 (about 4 hours)	Volatile	Not Detectable	8E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		-
Ru-106 (about 374 days)	Volatile	Not Detectable	6E-04	-	Not Detectable	-
	Particulate	Not Detectable		-		-
Ag-110m (about 250 days)	Volatile	Not Detectable	3E-03	-	Not Detectable	-
	Particulate	Not Detectable		-		-
Sn-113 (about 115 days)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		-
Te-129 ( about 70 minutes )	Volatile	Not Detectable	4E-01	-	Not Detectable	-
	Particulate	Not Detectable		-		-
Te-129m (about 34 days)	Volatile	Not Detectable	4E-03	-	Not Detectable	-
	Particulate	Not Detectable		-		-
I-131 (about 8 days)	Volatile	3.6E-04	1E-03	0.36	3.6E-04	-
	Particulate	2.1E-04		0.21	2.1E-04	-
I-132 ( about 2 hours )	Volatile	9.7E-06	7E-02	0.00	2.5E-04 2	-
	Particulate	Not Detectable		-	Not Detectable	-
Te-132 ( about 3 days )	Volatile	9.7E-06	4E-03	0.00	9.7E-06 2	-
	Particulate	Not Detectable		-		-
I-133 ( about 21 hours )	Volatile	Not Detectable	5E-03	-	Not Detectable	-
	Particulate	Not Detectable		-		Not Detectable
Cs-134 (about 2 years)	Volatile	8.9E-06	2E-03	0.00	8.9E-06	-
	Particulate	Not Detectable		-	Not Detectable	-
Cs-136 (about 13 days)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		Not Detectable
Cs-137 (about 30 years)	Volatile	8.1E-06	3E-03	0.00	8.1E-06	-
	Particulate	7.5E-06		0.00	7.5E-06	-
La-140 (about 40 hours)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		-
Ce-144 (about 284 days)	Volatile	Not Detectable	7E-04	-	Not Detectable	-
	Particulate	Not Detectable		-		-

1 In accordance with the preventive measures, Identification and determination of radioactivity density were conducted based on main peaks, Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, Transcription error has been modified.

2 Iodine (I-131, I-132, I-133) is evaluated only for volatile. Cesium (Cs-134, Cs-136, Cs-137) and cobalt (Co-58) are evaluated only for particulate. Other nuclides are evaluated as sum of volatile and particulate. In the course of re-evaluation, we separately evaluated the nuclides, which were detected through the filter of volatile and particulate.

. E - means . x 10 -

In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

【Definite Report】 Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling :

Fukushima Daiichi Nuclear Power Station: West Gate

Date and Tim of Sampling :

2:22 am March 29th, 2011

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2:42 am March 29th, 2011

( Re-evaluation )

( Announced on March 30 )

Detected Nuclide (half-life)		Radioactivity density (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (Density limit in the air to workers engaged in tasks associated with radiation in the section 4 of the appendix 2)	Scaling Factor ( / )	Radioactivity Density (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-	Not Detectable	-
Zr-95 (about 64 days)	Volatile	Not Detectable	5E-03	-	Not Detectable	-
	Particulate	Not Detectable		-		-
Tc-99m (about 6 hours)	Volatile	Not Detectable	7E-01	-	Not Detectable	-
	Particulate	Not Detectable		-		-
Ru-105 (about 4 hours)	Volatile	Not Detectable	8E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		-
Ru-106 (about 374 days)	Volatile	Not Detectable	6E-04	-	Not Detectable	-
	Particulate	Not Detectable		-		-
Ag-110m (about 250 days)	Volatile	Not Detectable	3E-03	-	Not Detectable	-
	Particulate	Not Detectable		-		-
Sn-113 (about 115 days)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		-
Te-129 (about 70 minutes)	Volatile	Not Detectable	4E-01	-	Not Detectable	-
	Particulate	Not Detectable		-		-
Te-129m (about 34 days)	Volatile	Not Detectable	4E-03	-	Not Detectable	-
	Particulate	Not Detectable		-		-
I-131 (about 8 days)	Volatile	2.4E-04	1E-03	0.24	2.4E-04	-
	Particulate	1.2E-04		0.12	1.2E-04	-
I-132 (about 2 hours)	Volatile	Not Detectable	7E-02	-	Not Detectable	-
	Particulate	Not Detectable		-	Not Detectable	-
Te-132 (about 3 days)	Volatile	Not Detectable	4E-03	-	Not Detectable	-
	Particulate	Not Detectable		-		-
I-133 (about 21 hours)	Volatile	Not Detectable	5E-03	-	Not Detectable	-
	Particulate	Not Detectable		-	Not Detectable	-
Cs-134 (about 2 years)	Volatile	2.3E-05	2E-03	0.01	2.3E-05	-
	Particulate	1.1E-05		0.01	1.1E-05	-
Cs-136 (about 13 days)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-	Not Detectable	-
Cs-137 (about 30 years)	Volatile	2.3E-05	3E-03	0.01	2.3E-05	-
	Particulate	1.4E-05		0.00	1.4E-05	-
La-140 (about 40 hours)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		-
Ce-144 (about 284 days)	Volatile	Not Detectable	7E-04	-	Not Detectable	-
	Particulate	Not Detectable		-		-

1 In accordance with the preventive measures, Identification and determination of radioactivity density were conducted based on main peaks, Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, Transcription error has been modified.

2 Iodine (I-131, I-132, I-133) is evaluated only for volatile. Cesium (Cs-134, Cs-136, Cs-137) and cobalt (Co-58) are evaluated only for particulate. Other nuclides are evaluated as sum of volatile and particulate. In the course of re-evaluation, we separately evaluated the nuclides, which were detected through the filter of volatile and particulate.

. E - means . x 10 -

In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

【Definite Report】 Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling :

Fukushima Daiichi Nuclear Power Station: West Gate

Date and Tim of Sampling :

2:00 am March 30th, 2011

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2:20 am March 30th, 2011

( Re-evaluation )

( Announced on March 31 )

Detected Nuclide (half-life)		Radioactivity density (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (Density limit in the air to workers engaged in tasks associated with radiation in the section 4 of the appendix 2)	Scaling Factor ( / )	Radioactivity Density (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-	Not Detectable	-
Zr-95 (about 64 days)	Volatile	Not Detectable	5E-03	-	Not Detectable	-
	Particulate	Not Detectable		-		-
Tc-99m (about 6 hours)	Volatile	Not Detectable	7E-01	-	3.0E-06 2	-
	Particulate	3.0E-06		0.00		-
Ru-105 (about 4 hours)	Volatile	Not Detectable	8E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		-
Ru-106 (about 374 days)	Volatile	Not Detectable	6E-04	-	Not Detectable	-
	Particulate	Not Detectable		-		-
Ag-110m (about 250 days)	Volatile	Not Detectable	3E-03	-	Not Detectable	-
	Particulate	Not Detectable		-		-
Sn-113 (about 115 days)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		-
Te-129 (about 70 minutes)	Volatile	Not Detectable	4E-01	-	6.3E-02 2	-
	Particulate	Not Detectable		-		-
Te-129m (about 34 days)	Volatile	1.9E-04	4E-03	0.05	2.7E-04 2	-
	Particulate	8.3E-05		0.02		-
I-131 (about 8 days)	Volatile	4.1E-04	1E-03	0.41	4.1E-04	-
	Particulate	1.9E-04		0.19	1.9E-04	-
I-132 (about 2 hours)	Volatile	Not Detectable	7E-02	-	Not Detectable	-
	Particulate	Not Detectable		-	Not Detectable	-
Te-132 (about 3 days)	Volatile	5.5E-05	4E-03	0.01	8.3E-05 2	-
	Particulate	2.8E-05		0.01		-
I-133 (about 21 hours)	Volatile	Not Detectable	5E-03	-	Not Detectable	-
	Particulate	Not Detectable		-	Not Detectable	-
Cs-134 (about 2 years)	Volatile	4.3E-05	2E-03	0.02	4.3E-05	-
	Particulate	2.9E-05		0.01	2.9E-05	-
Cs-136 (about 13 days)	Volatile	4.5E-06	1E-02	0.00	4.5E-06	-
	Particulate	2.4E-06		0.00	2.4E-06	-
Cs-137 (about 30 years)	Volatile	4.0E-05	3E-03	0.01	4.0E-05	-
	Particulate	3.0E-05		0.01	3.0E-05	-
La-140 (about 40 hours)	Volatile	Not Detectable	1E-02	-	Not Detectable	-
	Particulate	Not Detectable		-		-
Ce-144 (about 284 days)	Volatile	Not Detectable	7E-04	-	Not Detectable	-
	Particulate	Not Detectable		-		-

1 In accordance with the preventive measures, Identification and determination of radioactivity density were conducted based on main peaks, Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, Transcription error has been modified.

2 Iodine (I-131, I-132, I-133) is evaluated only for volatile. Cesium (Cs-134, Cs-136, Cs-137) and cobalt (Co-58) are evaluated only for particulate. Other nuclides are evaluated as sum of volatile and particulate. In the course of re-evaluation, we separately evaluated the nuclides, which were detected through the filter of volatile and particulate.

. E - means . x 10 -

In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

[Definite Report] Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling :

Fukushima Daini Nuclear Power Station: MP - 1

Date and Tim of Sampling :

9:15 am March 19th, 2011

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9:25 am March 19th, 2011

(Re-evaluation)

(Announced on March 22)

Detected Nuclide (half-life)		①Radioactivity density (Bq/cm <sup>3</sup> )	②Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (Density limit in the air to workers engaged in tasks associated with radiation in the section 4 of the appendix 2)	Scaling Factor (①/②)	Radioactivity Density (Bq/cm <sup>3</sup> )	Reason for Modification※1
Co-58 (about 71 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Zr-95 (about 64 days)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
Tc-99m (about 6 hours)	Volatile	Not Detectable	7E-01	—	Not Detectable	—
	Particulate	Not Detectable		—		
Ru-105 (about 4 hours)	Volatile	Not Detectable	8E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Ru-106 (about 374 days)	Volatile	Not Detectable	6E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		
Ag-110m (about 250 days)	Volatile	Not Detectable	3E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
Sn-113 (about 115 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Te-129 (about 70 minutes)	Volatile	Not Detectable	4E-01	—	Not Detectable	—
	Particulate	Not Detectable		—		
Te-129m (about 34 days)	Volatile	Not Detectable	4E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
I-131 (about 8 days)	Volatile	2.7E-04	1E-03	0.27	2.695E-04 ※2	—
	Particulate	1.4E-04		0.14		
I-132 (about 2 hours)	Volatile	Not Detectable	7E-02	—	Not Detectable ※2	—
	Particulate	7.3E-05		0.00		
Te-132 (about 3 days)	Volatile	Not Detectable	4E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
I-133 (about 21 hours)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
Cs-134 (about 2 years)	Volatile	6.3E-05	2E-03	0.03	Not Detectable ※2	—
	Particulate	Not Detectable		—		
Cs-136 (about 13 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Cs-137 (about 30 years)	Volatile	Not Detectable	3E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
La-140 (about 40 hours)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Ce-144 (about 284 days)	Volatile	Not Detectable	7E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		

※1 In accordance with the preventive measures, ①Identification and determination of radioactivity density were conducted based on main peaks, ② Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, ③Transcription error has been modified.

※2 Iodine (I-131, I-132, I-133) is evaluated only for volatile. Cesium (Cs-134, Cs-136, Cs-137) and cobalt (Co-58) are evaluated only for particulate. Other nuclides are evaluated as sum of volatile and particulate. In the course of re-evaluation, we separately evaluated the nuclides, which were detected through the filter of volatile and particulate.

※ O.OE-O means O.O x 10-O

※ In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

[Definite Report] Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling :

Fukushima Daini Nuclear Power Station: MP - 1

Date and Tim of Sampling :

6:18 pm March 19th, 2011

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6:28 pm March 19th, 2011

(Re-evaluation)

(Announced on March 22)

Detected Nuclide (half-life)		①Radioactivity density (Bq/cm <sup>3</sup> )	②Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (Density limit in the air to workers engaged in tasks associated with radiation in the section 4 of the appendix 2)	Scaling Factor (①/②)	Radioactivity Density (Bq/cm <sup>3</sup> )	Reason for Modification※ 1
Co-58 (about 71 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Zr-95 (about 64 days)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
Tc-99m (about 6 hours)	Volatile	Not Detectable	7E-01	—	Not Detectable	—
	Particulate	Not Detectable		—		
Ru-105 (about 4 hours)	Volatile	Not Detectable	8E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Ru-106 (about 374 days)	Volatile	Not Detectable	6E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		
Ag-110m (about 250 days)	Volatile	Not Detectable	3E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
Sn-113 (about 115 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Te-129 (about 70 minutes)	Volatile	Not Detectable	4E-01	—	Not Detectable	—
	Particulate	Not Detectable		—		
Te-129m (about 34 days)	Volatile	Not Detectable	4E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
I-131 (about 8 days)	Volatile	2.5E-04	1E-03	0.25	2.513E-04 ※2	—
	Particulate	1.3E-04		0.13		
I-132 (about 2 hours)	Volatile	9.5E-05	7E-02	0.00	1.229E-04 ※2	②
	Particulate	Not Detectable		—		
Te-132 (about 3 days)	Volatile	Not Detectable	4E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
I-133 (about 21 hours)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
Cs-134 (about 2 years)	Volatile	Not Detectable	2E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
Cs-136 (about 13 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Cs-137 (about 30 years)	Volatile	Not Detectable	3E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
La-140 (about 40 hours)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Ce-144 (about 284 days)	Volatile	Not Detectable	7E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		

※ 1 In accordance with the preventive measures, ①Identification and determination of radioactivity density were conducted based on main peaks, ② Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, ③Transcription error has been modified.

※ 2 Iodine (I-131, I-132, I-133) is evaluated only for volatile. Cesium (Cs-134, Cs-136, Cs-137) and cobalt (Co-58) are evaluated only for particulate. Other nuclides are evaluated as sum of volatile and particulate. In the course of re-evaluation, we separately evaluated the nuclides, which were detected through the filter of volatile and particulate.

※ O.OE-O means O.O x 10-O

※ In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

[Definite Report] Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling :

Fukushima Daini Nuclear Power Station: MP - 1

Date and Tim of Sampling :

11:27 am March 20th, 2011

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11:37 am March 20th, 2011

(Re-evaluation)

(Announced on March 22)

Detected Nuclide (half-life)		①Radioactivity density (Bq/cm <sup>3</sup> )	②Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (Density limit in the air to workers engaged in tasks associated with radiation in the section 4 of the appendix 2)	Scaling Factor (①/②)	Radioactivity Density (Bq/cm <sup>3</sup> )	Reason for Modification※1
Co-58 (about 71 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Zr-95 (about 64 days)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
Tc-99m (about 6 hours)	Volatile	Not Detectable	7E-01	—	Not Detectable	—
	Particulate	Not Detectable		—		
Ru-105 (about 4 hours)	Volatile	Not Detectable	8E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Ru-106 (about 374 days)	Volatile	Not Detectable	6E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		
Ag-110m (about 250 days)	Volatile	Not Detectable	3E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
Sn-113 (about 115 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Te-129 (about 70 minutes)	Volatile	Not Detectable	4E-01	—	Not Detectable	—
	Particulate	Not Detectable		—		
Te-129m (about 34 days)	Volatile	Not Detectable	4E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
I-131 (about 8 days)	Volatile	5.3E-05	1E-03	0.05	5.254E-05 ※2	—
	Particulate	2.6E-05		0.03		
I-132 (about 2 hours)	Volatile	Not Detectable	7E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Te-132 (about 3 days)	Volatile	8.7E-06	4E-03	0.00	Not Detectable ※2	—
	Particulate	4.2E-06		0.00		
I-133 (about 21 hours)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
Cs-134 (about 2 years)	Volatile	Not Detectable	2E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
Cs-136 (about 13 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Cs-137 (about 30 years)	Volatile	Not Detectable	3E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
La-140 (about 40 hours)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Ce-144 (about 284 days)	Volatile	Not Detectable	7E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		

※1 In accordance with the preventive measures, ①Identification and determination of radioactivity density were conducted based on main peaks, ② Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, ③Transcription error has been modified.

※2 Iodine (I-131, I-132, I-133) is evaluated only for volatile. Cesium (Cs-134, Cs-136, Cs-137) and cobalt (Co-58) are evaluated only for particulate. Other nuclides are evaluated as sum of volatile and particulate. In the course of re-evaluation, we separately evaluated the nuclides, which were detected through the filter of volatile and particulate.

※ O.OE-O means O.O x 10-O

※ In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

[Definite Report] Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling :

Fukushima Daini Nuclear Power Station: MP - 1

Date and Tim of Sampling :

5:10 pm March 20th, 2011

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5:20 pm March 20th, 2011

(Re-evaluation)

(Announced on March 22)

Detected Nuclide (half-life)		①Radioactivity density (Bq/cm <sup>3</sup> )	②Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (Density limit in the air to workers engaged in tasks associated with radiation in the section 4 of the appendix 2)	Scaling Factor (①/②)	Radioactivity Density (Bq/cm <sup>3</sup> )	Reason for Modification※1
Co-58 (about 71 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Zr-95 (about 64 days)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
Tc-99m (about 6 hours)	Volatile	Not Detectable	7E-01	—	Not Detectable	—
	Particulate	Not Detectable		—		
Ru-105 (about 4 hours)	Volatile	Not Detectable	8E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Ru-106 (about 374 days)	Volatile	Not Detectable	6E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		
Ag-110m (about 250 days)	Volatile	Not Detectable	3E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
Sn-113 (about 115 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Te-129 (about 70 minutes)	Volatile	Not Detectable	4E-01	—	Not Detectable	—
	Particulate	Not Detectable		—		
Te-129m (about 34 days)	Volatile	Not Detectable	4E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
I-131 (about 8 days)	Volatile	2.2E-04	1E-03	0.22	2.230E-04 ※2	—
	Particulate	8.2E-05		0.08		
I-132 (about 2 hours)	Volatile	Not Detectable	7E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Te-132 (about 3 days)	Volatile	Not Detectable	4E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
I-133 (about 21 hours)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
Cs-134 (about 2 years)	Volatile	Not Detectable	2E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
Cs-136 (about 13 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Cs-137 (about 30 years)	Volatile	Not Detectable	3E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
La-140 (about 40 hours)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Ce-144 (about 284 days)	Volatile	Not Detectable	7E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		

※1 In accordance with the preventive measures, ①Identification and determination of radioactivity density were conducted based on main peaks, ② Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, ③Transcription error has been modified.

※2 Iodine (I-131, I-132, I-133) is evaluated only for volatile. Cesium (Cs-134, Cs-136, Cs-137) and cobalt (Co-58) are evaluated only for particulate. Other nuclides are evaluated as sum of volatile and particulate. In the course of re-evaluation, we separately evaluated the nuclides, which were detected through the filter of volatile and particulate.

※ O.OE-O means O.O x 10-O

※ In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.



[Definite Report] Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling :

Fukushima Daini Nuclear Power Station: MP - 1

Date and Tim of Sampling :

10:40 am March 21st, 2011

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10:50 am March 21st, 2011

(Re-evaluation)

(Announced on March 22)

Detected Nuclide (half-life)		①Radioactivity density (Bq/cm <sup>3</sup> )	②Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (Density limit in the air to workers engaged in tasks associated with radiation in the section 4 of the appendix 2)	Scaling Factor (①/②)	Radioactivity Density (Bq/cm <sup>3</sup> )	Reason for Modification※1
Co-58 (about 71 days)	Volatile	Not Detectable	1E-02	—	1.065E-05 ※2	—
	Particulate	Not Detectable		—		①
Zr-95 (about 64 days)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Tc-99m (about 6 hours)	Volatile	Not Detectable	7E-01	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ru-105 (about 4 hours)	Volatile	Not Detectable	8E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ru-106 (about 374 days)	Volatile	Not Detectable	6E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ag-110m (about 250 days)	Volatile	Not Detectable	3E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Sn-113 (about 115 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Te-129 (about 70 minutes)	Volatile	Not Detectable	4E-01	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Te-129m (about 34 days)	Volatile	3.0E-04	4E-03	0.08	Not Detectable ※2	—
	Particulate	3.4E-04		0.09		—
I-131 (about 8 days)	Volatile	2.3E-04	1E-03	0.23	2.250E-04 ※2	—
	Particulate	1.5E-04		0.15		—
I-132 (about 2 hours)	Volatile	2.4E-04	7E-02	0.00	2.420E-04 ※2	—
	Particulate	2.5E-04		0.00		—
Te-132 (about 3 days)	Volatile	3.2E-04	4E-03	0.08	Not Detectable ※2	—
	Particulate	4.5E-04		0.11		—
I-133 (about 21 hours)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Cs-134 (about 2 years)	Volatile	Not Detectable	2E-03	—	4.410E-05 ※2	—
	Particulate	4.4E-05		0.02		—
Cs-136 (about 13 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Cs-137 (about 30 years)	Volatile	1.8E-05	3E-03	0.01	4.711E-05 ※2	—
	Particulate	4.7E-05		0.02		—
La-140 (about 40 hours)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ce-144 (about 284 days)	Volatile	Not Detectable	7E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		—

※1 In accordance with the preventive measures, ①Identification and determination of radioactivity density were conducted based on main peaks, ② Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, ③Transcription error has been modified.

※2 Iodine (I-131, I-132, I-133) is evaluated only for volatile. Cesium (Cs-134, Cs-136, Cs-137) and cobalt (Co-58) are evaluated only for particulate. Other nuclides are evaluated as sum of volatile and particulate. In the course of re-evaluation, we separately evaluated the nuclides, which were detected through the filter of volatile and particulate.

※ O.OE-O means O.O x 10-O

※ In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

[Definite Report] Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling :

Fukushima Daini Nuclear Power Station: MP - 1

Date and Tim of Sampling :

6:11 pm March 21st, 2011

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6:19 pm March 21st, 2011

(Re-evaluation)

(Announced on March 22)

Detected Nuclide (half-life)		①Radioactivity density (Bq/cm <sup>3</sup> )	②Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (Density limit in the air to workers engaged in tasks associated with radiation in the section 4 of the appendix 2)	Scaling Factor (①/②)	Radioactivity Density (Bq/cm <sup>3</sup> )	Reason for Modification※1
Co-58 (about 71 days)	Volatile	Not Detectable	1E-02	—	1.341E-05 ※2	—
	Particulate	Not Detectable		—		①
Zr-95 (about 64 days)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Tc-99m (about 6 hours)	Volatile	Not Detectable	7E-01	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ru-105 (about 4 hours)	Volatile	Not Detectable	8E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ru-106 (about 374 days)	Volatile	Not Detectable	6E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ag-110m (about 250 days)	Volatile	Not Detectable	3E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Sn-113 (about 115 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Te-129 (about 70 minutes)	Volatile	3.8E-04	4E-01	0.00	Not Detectable ※2	—
	Particulate	1.6E-04		0.00		—
Te-129m (about 34 days)	Volatile	Not Detectable	4E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		—
I-131 (about 8 days)	Volatile	1.6E-04	1E-03	0.16	1.580E-04 ※2	—
	Particulate	1.2E-04		0.12		—
I-132 (about 2 hours)	Volatile	8.1E-04	7E-02	0.01	8.097E-04 ※2	—
	Particulate	3.9E-04		0.01		—
Te-132 (about 3 days)	Volatile	9.2E-04	4E-03	0.23	Not Detectable ※2	—
	Particulate	5.2E-04		0.13		—
I-133 (about 21 hours)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Cs-134 (about 2 years)	Volatile	1.7E-05	2E-03	0.01	3.017E-05 ※2	—
	Particulate	3.0E-05		0.02		—
Cs-136 (about 13 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Cs-137 (about 30 years)	Volatile	Not Detectable	3E-03	—	3.306E-05 ※2	—
	Particulate	3.3E-05		0.01		—
La-140 (about 40 hours)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ce-144 (about 284 days)	Volatile	Not Detectable	7E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		—

※1 In accordance with the preventive measures, ①Identification and determination of radioactivity density were conducted based on main peaks, ② Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, ③Transcription error has been modified.

※2 Iodine (I-131, I-132, I-133) is evaluated only for volatile. Cesium (Cs-134, Cs-136, Cs-137) and cobalt (Co-58) are evaluated only for particulate. Other nuclides are evaluated as sum of volatile and particulate. In the course of re-evaluation, we separately evaluated the nuclides, which were detected through the filter of volatile and particulate.

※ O.OE-O means O.O x 10-O

※ In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

[Definite Report] Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling :

Fukushima Daini Nuclear Power Station: MP - 1

Date and Tim of Sampling :

10:02 am March 22nd, 2011

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10:10 am March 22nd, 2011

(Re-evaluation)

(Announced on March 23)

Detected Nuclide (half-life)		①Radioactivity density (Bq/cm <sup>3</sup> )	(2)Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (Density limit in the air to workers engaged in tasks associated with radiation in the section 4 of the appendix 2)	Scaling Factor (①/②)	Radioactivity Density (Bq/cm <sup>3</sup> )	Reason for Modification※1
Co-58 (about 71 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Zr-95 (about 64 days)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
Tc-99m (about 6 hours)	Volatile	Not Detectable	7E-01	—	Not Detectable	—
	Particulate	Not Detectable		—		
Ru-105 (about 4 hours)	Volatile	Not Detectable	8E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Ru-106 (about 374 days)	Volatile	Not Detectable	6E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		
Ag-110m (about 250 days)	Volatile	Not Detectable	3E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
Sn-113 (about 115 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Te-129 (about 70 minutes)	Volatile	Not Detectable	4E-01	—	2.316E-03 ※2	—
	Particulate	Not Detectable		—		①
Te-129m (about 34 days)	Volatile	Not Detectable	4E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
I-131 (about 8 days)	Volatile	1.4E-04	1E-03	0.14	1.416E-04 ※2	—
	Particulate	6.9E-05		0.07		
I-132 (about 2 hours)	Volatile	Not Detectable	7E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Te-132 (about 3 days)	Volatile	Not Detectable	4E-03	—	2.191E-05 ※2	—
	Particulate	2.2E-05		0.01		
I-133 (about 21 hours)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
Cs-134 (about 2 years)	Volatile	2.6E-05	2E-03	0.01	1.293E-05 ※2	—
	Particulate	1.3E-05		0.01		
Cs-136 (about 13 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Cs-137 (about 30 years)	Volatile	2.3E-05	3E-03	0.01	1.024E-05 ※2	—
	Particulate	1.0E-05		0.00		
La-140 (about 40 hours)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Ce-144 (about 284 days)	Volatile	Not Detectable	7E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		

※1 In accordance with the preventive measures, ①Identification and determination of radioactivity density were conducted based on main peaks, ②Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, ③Transcription error has been modified.

※2 Iodine (I-131, I-132, I-133) is evaluated only for volatile. Cesium (Cs-134, Cs-136, Cs-137) and cobalt (Co-58) are evaluated only for particulate. Other nuclides are evaluated as sum of volatile and particulate. In the course of re-evaluation, we separately evaluated the nuclides, which were detected through the filter of volatile and particulate.

※ 0.0E-0 means 0.0 x 10-0

※ In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

[Definite Report] Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling :

Fukushima Daini Nuclear Power Station: MP - 1

Date and Tim of Sampling :

4:43 pm March 22nd, 2011

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4:51 pm March 22nd, 2011

(Re-evaluation)

(Announced on March 23)

Detected Nuclide (half-life)		①Radioactivity density (Bq/cm <sup>3</sup> )	(2)Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (Density limit in the air to workers engaged in tasks associated with radiation in the section 4 of the appendix 2)	Scaling Factor (①/②)	Radioactivity Density (Bq/cm <sup>3</sup> )	Reason for Modification※1
Co-58 (about 71 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Zr-95 (about 64 days)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
Tc-99m (about 6 hours)	Volatile	Not Detectable	7E-01	—	Not Detectable	—
	Particulate	Not Detectable		—		
Ru-105 (about 4 hours)	Volatile	Not Detectable	8E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Ru-106 (about 374 days)	Volatile	Not Detectable	6E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		
Ag-110m (about 250 days)	Volatile	Not Detectable	3E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
Sn-113 (about 115 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Te-129 (about 70 minutes)	Volatile	Not Detectable	4E-01	—	Not Detectable	—
	Particulate	Not Detectable		—		
Te-129m (about 34 days)	Volatile	Not Detectable	4E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
I-131 (about 8 days)	Volatile	1.3E-04	1E-03	0.13	1.349E-04 ※2	—
	Particulate	7.9E-05		0.08		
I-132 (about 2 hours)	Volatile	Not Detectable	7E-02	—	Not Detectable ※2	—
	Particulate	3.1E-05		0.00		
Te-132 (about 3 days)	Volatile	Not Detectable	4E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
I-133 (about 21 hours)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
Cs-134 (about 2 years)	Volatile	1.9E-05	2E-03	0.01	1.353E-05 ※2	—
	Particulate	1.4E-05		0.01		
Cs-136 (about 13 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Cs-137 (about 30 years)	Volatile	2.1E-05	3E-03	0.01	1.369E-05 ※2	—
	Particulate	1.4E-05		0.00		
La-140 (about 40 hours)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Ce-144 (about 284 days)	Volatile	Not Detectable	7E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		

※1 In accordance with the preventive measures, ①Identification and determination of radioactivity density were conducted based on main peaks, ②Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, ③Transcription error has been modified.

※2 Iodine (I-131, I-132, I-133) is evaluated only for volatile. Cesium (Cs-134, Cs-136, Cs-137) and cobalt (Co-58) are evaluated only for particulate. Other nuclides are evaluated as sum of volatile and particulate. In the course of re-evaluation, we separately evaluated the nuclides, which were detected through the filter of volatile and particulate.

※ 0.0E-0 means 0.0 x 10-0

※ In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

[Definite Report] Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling :

Fukushima Daini Nuclear Power Station: MP - 1

Date and Tim of Sampling :

9:40 am March 23rd, 2011

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9:48 am March 23rd, 2011

(Re-evaluation)

(Announced on March 24)

Detected Nuclide (half-life)		①Radioactivity density (Bq/cm <sup>3</sup> )	(2)Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (Density limit in the air to workers engaged in tasks associated with radiation in the section 4 of the appendix 2)	Scaling Factor (①/②)	Radioactivity Density (Bq/cm <sup>3</sup> )	Reason for Modification※1
Co-58 (about 71 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Zr-95 (about 64 days)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
Tc-99m (about 6 hours)	Volatile	Not Detectable	7E-01	—	Not Detectable	—
	Particulate	Not Detectable		—		
Ru-105 (about 4 hours)	Volatile	Not Detectable	8E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Ru-106 (about 374 days)	Volatile	Not Detectable	6E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		
Ag-110m (about 250 days)	Volatile	Not Detectable	3E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
Sn-113 (about 115 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Te-129 (about 70 minutes)	Volatile	Not Detectable	4E-01	—	Not Detectable	—
	Particulate	Not Detectable		—		
Te-129m (about 34 days)	Volatile	Not Detectable	4E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
I-131 (about 8 days)	Volatile	2.7E-04	1E-03	0.27	2.7E-04 ※2	—
	Particulate	1.5E-04		0.15		
I-132 (about 2 hours)	Volatile	2.8E-04	7E-02	0.00	2.8E-04 ※2	—
	Particulate	Not Detectable		—		
Te-132 (about 3 days)	Volatile	9.3E-05	4E-03	0.02	1.6E-04 ※2	—
	Particulate	7.1E-05		0.02		
I-133 (about 21 hours)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
Cs-134 (about 2 years)	Volatile	4.3E-05	2E-03	0.02	Not Detectable ※2	—
	Particulate	Not Detectable		—		
Cs-136 (about 13 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Cs-137 (about 30 years)	Volatile	Not Detectable	3E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
La-140 (about 40 hours)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Ce-144 (about 284 days)	Volatile	Not Detectable	7E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		

※1 In accordance with the preventive measures, ①Identification and determination of radioactivity density were conducted based on main peaks, ②Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, ③Transcription error has been modified.

※2 Iodine (I-131, I-132, I-133) is evaluated only for volatile. Cesium (Cs-134, Cs-136, Cs-137) and cobalt (Co-58) are evaluated only for particulate. Other nuclides are evaluated as sum of volatile and particulate. In the course of re-evaluation, we separately evaluated the nuclides, which were detected through the filter of volatile and particulate.

※ 〇.〇E-〇 means 〇.〇 x 10-〇

※ In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

[Definite Report] Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling :

Fukushima Daini Nuclear Power Station: MP - 1

Date and Tim of Sampling :

4:06 pm March 23rd, 2011

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4:14 pm March 23rd, 2011

(Re-evaluation)

(Announced on March 24)

Detected Nuclide (half-life)		①Radioactivity density (Bq/cm <sup>3</sup> )	(2)Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (Density limit in the air to workers engaged in tasks associated with radiation in the section 4 of the appendix 2)	Scaling Factor (①/②)	Radioactivity Density (Bq/cm <sup>3</sup> )	Reason for Modification※1
Co-58 (about 71 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Zr-95 (about 64 days)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
Tc-99m (about 6 hours)	Volatile	Not Detectable	7E-01	—	Not Detectable	—
	Particulate	Not Detectable		—		
Ru-105 (about 4 hours)	Volatile	Not Detectable	8E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Ru-106 (about 374 days)	Volatile	Not Detectable	6E-04	—	8.2E-05 ※2	—
	Particulate	Not Detectable		—		①
Ag-110m (about 250 days)	Volatile	Not Detectable	3E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
Sn-113 (about 115 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Te-129 (about 70 minutes)	Volatile	1.9E-04	4E-01	0.00	9.3E-04 ※2	②
	Particulate	1.6E-04		0.00		②
Te-129m (about 34 days)	Volatile	Not Detectable	4E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
I-131 (about 8 days)	Volatile	2.1E-04	1E-03	0.21	2.1E-04 ※2	—
	Particulate	8.2E-05		0.08		—
I-132 (about 2 hours)	Volatile	2.8E-04	7E-02	0.00	2.8E-04 ※2	—
	Particulate	2.6E-04		0.00		—
Te-132 (about 3 days)	Volatile	4.0E-04	4E-03	0.10	7.1E-04 ※2	—
	Particulate	3.0E-04		0.08		—
I-133 (about 21 hours)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
Cs-134 (about 2 years)	Volatile	2.3E-05	2E-03	0.01	1.7E-05 ※2	—
	Particulate	1.7E-05		0.01		—
Cs-136 (about 13 days)	Volatile	Not Detectable	1E-02	—	3.7E-06 ※2	—
	Particulate	Not Detectable		—		①
Cs-137 (about 30 years)	Volatile	2.0E-05	3E-03	0.01	1.7E-05 ※2	—
	Particulate	1.7E-05		0.01		—
La-140 (about 40 hours)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Ce-144 (about 284 days)	Volatile	Not Detectable	7E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		

※1 In accordance with the preventive measures, ①Identification and determination of radioactivity density were conducted based on main peaks, ②Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, ③Transcription error has been modified.

※2 Iodine (I-131, I-132, I-133) is evaluated only for volatile. Cesium (Cs-134, Cs-136, Cs-137) and cobalt (Co-58) are evaluated only for particulate. Other nuclides are evaluated as sum of volatile and particulate. In the course of re-evaluation, we separately evaluated the nuclides, which were detected through the filter of volatile and particulate.

※ 0.0E-0 means 0.0 x 10-0

※ In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

[Definite Report] Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling :

Fukushima Daini Nuclear Power Station: MP - 1

Date and Tim of Sampling :

9:47 am March 24th, 2011

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9:55 am March 24th, 2011

(Re-evaluation)

(Announced on March 25)

Detected Nuclide (half-life)		①Radioactivity density (Bq/cm <sup>3</sup> )	(2)Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (Density limit in the air to workers engaged in tasks associated with radiation in the section 4 of the appendix 2)	Scaling Factor (①/②)	Radioactivity Density (Bq/cm <sup>3</sup> )	Reason for Modification※1
Co-58 (about 71 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—	Not Detectable	—
Zr-95 (about 64 days)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Tc-99m (about 6 hours)	Volatile	Not Detectable	7E-01	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ru-105 (about 4 hours)	Volatile	Not Detectable	8E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ru-106 (about 374 days)	Volatile	Not Detectable	6E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ag-110m (about 250 days)	Volatile	Not Detectable	3E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Sn-113 (about 115 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Te-129 (about 70 minutes)	Volatile	Not Detectable	4E-01	—	7.6E-04 ※2	②
	Particulate	1.7E-04		0.00		②
Te-129m (about 34 days)	Volatile	3.6E-04	4E-03	0.09	5.7E-04 ※2	—
	Particulate	2.0E-04		0.05		—
I-131 (about 8 days)	Volatile	1.9E-04	1E-03	0.19	1.9E-04	—
	Particulate	1.1E-04		0.11		1.1E-04
I-132 (about 2 hours)	Volatile	3.0E-04	7E-02	0.00	3.0E-04	—
	Particulate	1.7E-04		0.00		1.7E-04
Te-132 (about 3 days)	Volatile	3.6E-04	4E-03	0.09	5.6E-04 ※2	—
	Particulate	2.0E-04		0.05		—
I-133 (about 21 hours)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		Not Detectable
Cs-134 (about 2 years)	Volatile	2.8E-05	2E-03	0.01	2.8E-05	—
	Particulate	2.1E-05		0.01		2.1E-05
Cs-136 (about 13 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		Not Detectable
Cs-137 (about 30 years)	Volatile	3.0E-05	3E-03	0.01	3.0E-05	—
	Particulate	2.0E-05		0.01		2.0E-05
La-140 (about 40 hours)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ce-144 (about 284 days)	Volatile	Not Detectable	7E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		—

※1 In accordance with the preventive measures, ①Identification and determination of radioactivity density were conducted based on main peaks, ②Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, ③Transcription error has been modified.

※2 Iodine (I-131, I-132, I-133) is evaluated only for volatile. Cesium (Cs-134, Cs-136, Cs-137) and cobalt (Co-58) are evaluated only for particulate. Other nuclides are evaluated as sum of volatile and particulate. In the course of re-evaluation, we separately evaluated the nuclides, which were detected through the filter of volatile and particulate.

※ 0.0E-0 means 0.0 x 10-0

※ In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

[Definite Report] Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling :

Fukushima Daini Nuclear Power Station: MP - 1

Date and Tim of Sampling :

5:46 pm March 24th, 2011

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5:54 pm March 24th, 2011

(Re-evaluation)

(Announced on March 25)

Detected Nuclide (half-life)		①Radioactivity density (Bq/cm <sup>3</sup> )	(2)Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (Density limit in the air to workers engaged in tasks associated with radiation in the section 4 of the appendix 2)	Scaling Factor (①/②)	Radioactivity Density (Bq/cm <sup>3</sup> )	Reason for Modification※1
Co-58 (about 71 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—	Not Detectable	—
Zr-95 (about 64 days)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Tc-99m (about 6 hours)	Volatile	Not Detectable	7E-01	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ru-105 (about 4 hours)	Volatile	Not Detectable	8E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ru-106 (about 374 days)	Volatile	Not Detectable	6E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ag-110m (about 250 days)	Volatile	Not Detectable	3E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Sn-113 (about 115 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Te-129 (about 70 minutes)	Volatile	Not Detectable	4E-01	—	1.4E-02 ※2	②
	Particulate	Not Detectable		—		—
Te-129m (about 34 days)	Volatile	4.6E-04	4E-03	0.11	4.6E-04 ※2	—
	Particulate	Not Detectable		—		—
I-131 (about 8 days)	Volatile	1.7E-04	1E-03	0.17	1.7E-04	—
	Particulate	6.4E-05		0.06	6.4E-05	—
I-132 (about 2 hours)	Volatile	Not Detectable	7E-02	—	Not Detectable	—
	Particulate	Not Detectable		—	Not Detectable	—
Te-132 (about 3 days)	Volatile	3.3E-04	4E-03	0.08	3.5E-04 ※2	—
	Particulate	2.5E-05		0.01		—
I-133 (about 21 hours)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—	Not Detectable	—
Cs-134 (about 2 years)	Volatile	1.6E-05	2E-03	0.01	1.6E-05	—
	Particulate	Not Detectable		—	Not Detectable	—
Cs-136 (about 13 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—	Not Detectable	—
Cs-137 (about 30 years)	Volatile	2.9E-05	3E-03	0.01	2.9E-05	—
	Particulate	2.1E-05		0.01	2.1E-05	—
La-140 (about 40 hours)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ce-144 (about 284 days)	Volatile	Not Detectable	7E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		—

※1 In accordance with the preventive measures, ①Identification and determination of radioactivity density were conducted based on main peaks, ②Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, ③Transcription error has been modified.

※2 Iodine (I-131, I-132, I-133) is evaluated only for volatile. Cesium (Cs-134, Cs-136, Cs-137) and cobalt (Co-58) are evaluated only for particulate. Other nuclides are evaluated as sum of volatile and particulate. In the course of re-evaluation, we separately evaluated the nuclides, which were detected through the filter of volatile and particulate.

※ O.OE-O means O.O x 10-O

※ In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.



[Definite Report] Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling :

Fukushima Daini Nuclear Power Station: MP - 1

Date and Tim of Sampling :

9:41 am March 25th, 2011

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9:48 am March 25th, 2011

(Re-evaluation)

(Announced on March 26)

Detected Nuclide (half-life)		①Radioactivity density (Bq/cm <sup>3</sup> )	(2)Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (Density limit in the air to workers engaged in tasks associated with radiation in the section 4 of the appendix 2)	Scaling Factor (①/②)	Radioactivity Density (Bq/cm <sup>3</sup> )	Reason for Modification※1
Co-58 (about 71 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—	Not Detectable	—
Zr-95 (about 64 days)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Tc-99m (about 6 hours)	Volatile	Not Detectable	7E-01	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ru-105 (about 4 hours)	Volatile	Not Detectable	8E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ru-106 (about 374 days)	Volatile	Not Detectable	6E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ag-110m (about 250 days)	Volatile	Not Detectable	3E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Sn-113 (about 115 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Te-129 (about 70 minutes)	Volatile	Not Detectable	4E-01	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Te-129m (about 34 days)	Volatile	Not Detectable	4E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		—
I-131 (about 8 days)	Volatile	2.1E-04	1E-03	0.21	2.1E-04	—
	Particulate	1.0E-04		0.10	1.0E-04	—
I-132 (about 2 hours)	Volatile	1.6E-04	7E-02	0.00	1.6E-04	—
	Particulate	6.0E-05		0.00	6.0E-05	—
Te-132 (about 3 days)	Volatile	6.9E-05	4E-03	0.02	1.1E-04 ※2	—
	Particulate	3.7E-05		0.01		—
I-133 (about 21 hours)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—	Not Detectable	—
Cs-134 (about 2 years)	Volatile	Not Detectable	2E-03	—	6.9E-05	③
	Particulate	Not Detectable		—	Not Detectable	—
Cs-136 (about 13 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—	Not Detectable	—
Cs-137 (about 30 years)	Volatile	Not Detectable	3E-03	—	Not Detectable	—
	Particulate	Not Detectable		—	Not Detectable	—
La-140 (about 40 hours)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ce-144 (about 284 days)	Volatile	Not Detectable	7E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		—

※1 In accordance with the preventive measures, ①Identification and determination of radioactivity density were conducted based on main peaks, ②Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, ③Transcription error has been modified.

※2 Iodine (I-131, I-132, I-133) is evaluated only for volatile. Cesium (Cs-134, Cs-136, Cs-137) and cobalt (Co-58) are evaluated only for particulate. Other nuclides are evaluated as sum of volatile and particulate. In the course of re-evaluation, we separately evaluated the nuclides, which were detected through the filter of volatile and particulate.

※ ○.○E-○ means ○.○ x 10-○

※ In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

[Definite Report] Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling :

Fukushima Daini Nuclear Power Station: MP - 1

Date and Tim of Sampling :

5:32 pm March 25th, 2011

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5:40 pm March 25th, 2011

(Re-evaluation)

(Announced on March 26)

Detected Nuclide (half-life)		①Radioactivity density (Bq/cm <sup>3</sup> )	(2)Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (Density limit in the air to workers engaged in tasks associated with radiation in the section 4 of the appendix 2)	Scaling Factor (①/②)	Radioactivity Density (Bq/cm <sup>3</sup> )	Reason for Modification※1
Co-58 (about 71 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—	Not Detectable	—
Zr-95 (about 64 days)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Tc-99m (about 6 hours)	Volatile	Not Detectable	7E-01	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ru-105 (about 4 hours)	Volatile	Not Detectable	8E-02	—	7.3E-05 ※2	—
	Particulate	Not Detectable		—		①
Ru-106 (about 374 days)	Volatile	Not Detectable	6E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ag-110m (about 250 days)	Volatile	Not Detectable	3E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Sn-113 (about 115 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Te-129 (about 70 minutes)	Volatile	Not Detectable	4E-01	—	5.7E-04 ※2	②
	Particulate	1.7E-04		0.00		②
Te-129m (about 34 days)	Volatile	3.1E-04	4E-03	0.08	4.4E-04 ※2	—
	Particulate	1.4E-04		0.04		—
I-131 (about 8 days)	Volatile	1.7E-04	1E-03	0.17	1.738E-04	—
	Particulate	6.8E-05		0.07		6.792E-05
I-132 (about 2 hours)	Volatile	2.2E-04	7E-02	0.00	2.205E-04	—
	Particulate	1.1E-04		0.00		1.130E-04
Te-132 (about 3 days)	Volatile	2.6E-04	4E-03	0.07	3.9E-04 ※2	—
	Particulate	1.3E-04		0.03		—
I-133 (about 21 hours)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		Not Detectable
Cs-134 (about 2 years)	Volatile	2.6E-05	2E-03	0.01	2.645E-05	—
	Particulate	1.0E-05		0.01		1.036E-05
Cs-136 (about 13 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		Not Detectable
Cs-137 (about 30 years)	Volatile	3.5E-05	3E-03	0.01	3.506E-05	—
	Particulate	1.1E-05		0.00		1.084E-05
La-140 (about 40 hours)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ce-144 (about 284 days)	Volatile	Not Detectable	7E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		—

※1 In accordance with the preventive measures, ①Identification and determination of radioactivity density were conducted based on main peaks, ②Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, ③Transcription error has been modified.

※2 Iodine (I-131, I-132, I-133) is evaluated only for volatile. Cesium (Cs-134, Cs-136, Cs-137) and cobalt (Co-58) are evaluated only for particulate. Other nuclides are evaluated as sum of volatile and particulate. In the course of re-evaluation, we separately evaluated the nuclides, which were detected through the filter of volatile and particulate.

※ ○.○E-○ means ○.○ x 10-○

※ In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

[Definite Report] Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling :

Fukushima Daini Nuclear Power Station: MP - 1

Date and Tim of Sampling :

10:52 am March 26th, 2011

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10:59 am March 26th, 2011

(Re-evaluation)

(Announced on March 27)

Detected Nuclide (half-life)		①Radioactivity density (Bq/cm <sup>3</sup> )	(2)Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (Density limit in the air to workers engaged in tasks associated with radiation in the section 4 of the appendix 2)	Scaling Factor (①/②)	Radioactivity Density (Bq/cm <sup>3</sup> )	Reason for Modification※1
Co-58 (about 71 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—	Not Detectable	—
Zr-95 (about 64 days)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Tc-99m (about 6 hours)	Volatile	Not Detectable	7E-01	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ru-105 (about 4 hours)	Volatile	Not Detectable	8E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ru-106 (about 374 days)	Volatile	Not Detectable	6E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ag-110m (about 250 days)	Volatile	Not Detectable	3E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Sn-113 (about 115 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Te-129 (about 70 minutes)	Volatile	Not Detectable	4E-01	—	5.9E-04 ※2	②
	Particulate	Not Detectable		—		—
Te-129m (about 34 days)	Volatile	4.1E-04	4E-03	0.10	4.1E-04 ※2	—
	Particulate	Not Detectable		—		—
I-131 (about 8 days)	Volatile	1.0E-04	1E-03	0.10	1.0E-04	—
	Particulate	8.4E-05		0.08	8.4E-05	—
I-132 (about 2 hours)	Volatile	1.6E-04	7E-02	0.00	1.6E-04	—
	Particulate	Not Detectable		—	Not Detectable	—
Te-132 (about 3 days)	Volatile	2.0E-04	4E-03	0.05	2.3E-04 ※2	—
	Particulate	3.2E-05		0.01		—
I-133 (about 21 hours)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—	Not Detectable	—
Cs-134 (about 2 years)	Volatile	Not Detectable	2E-03	—	1.3E-05	①
	Particulate	1.8E-05		0.01	1.8E-05	—
Cs-136 (about 13 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—	Not Detectable	—
Cs-137 (about 30 years)	Volatile	1.6E-05	3E-03	0.01	1.6E-05	—
	Particulate	1.7E-05		0.01	1.7E-05	—
La-140 (about 40 hours)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ce-144 (about 284 days)	Volatile	Not Detectable	7E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		—

※1 In accordance with the preventive measures, ①Identification and determination of radioactivity density were conducted based on main peaks, ②Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, ③Transcription error has been modified.

※2 Iodine (I-131, I-132, I-133) is evaluated only for volatile. Cesium (Cs-134, Cs-136, Cs-137) and cobalt (Co-58) are evaluated only for particulate. Other nuclides are evaluated as sum of volatile and particulate. In the course of re-evaluation, we separately evaluated the nuclides, which were detected through the filter of volatile and particulate.

※ ○.○E-○ means ○.○ x 10-○

※ In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

[Definite Report] Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling :

Fukushima Daini Nuclear Power Station: MP - 1

Date and Tim of Sampling :

4:22 pm March 26th, 2011

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4:29 pm March 26th, 2011

(Re-evaluation)

(Announced on March 27)

Detected Nuclide (half-life)		①Radioactivity density (Bq/cm <sup>3</sup> )	(2)Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (Density limit in the air to workers engaged in tasks associated with radiation in the section 4 of the appendix 2)	Scaling Factor (①/②)	Radioactivity Density (Bq/cm <sup>3</sup> )	Reason for Modification※1
Co-58 (about 71 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Zr-95 (about 64 days)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
Tc-99m (about 6 hours)	Volatile	Not Detectable	7E-01	—	Not Detectable	—
	Particulate	Not Detectable		—		
Ru-105 (about 4 hours)	Volatile	Not Detectable	8E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Ru-106 (about 374 days)	Volatile	Not Detectable	6E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		
Ag-110m (about 250 days)	Volatile	Not Detectable	3E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
Sn-113 (about 115 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Te-129 (about 70 minutes)	Volatile	Not Detectable	4E-01	—	Not Detectable	—
	Particulate	Not Detectable		—		
Te-129m (about 34 days)	Volatile	Not Detectable	4E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
I-131 (about 8 days)	Volatile	1.6E-04	1E-03	0.16	1.6E-04	—
	Particulate	8.8E-04		0.88		
I-132 (about 2 hours)	Volatile	Not Detectable	7E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Te-132 (about 3 days)	Volatile	3.4E-05	4E-03	0.01	3.5E-04 ※2	—
	Particulate	3.2E-04		0.08		
I-133 (about 21 hours)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
Cs-134 (about 2 years)	Volatile	Not Detectable	2E-03	—	Not Detectable	—
	Particulate	1.8E-04		0.09		
Cs-136 (about 13 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Cs-137 (about 30 years)	Volatile	Not Detectable	3E-03	—	Not Detectable	—
	Particulate	2.1E-04		0.07		
La-140 (about 40 hours)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Ce-144 (about 284 days)	Volatile	Not Detectable	7E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		

※1 In accordance with the preventive measures, ①Identification and determination of radioactivity density were conducted based on main peaks, ②Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, ③Transcription error has been modified.

※2 Iodine (I-131, I-132, I-133) is evaluated only for volatile. Cesium (Cs-134, Cs-136, Cs-137) and cobalt (Co-58) are evaluated only for particulate. Other nuclides are evaluated as sum of volatile and particulate. In the course of re-evaluation, we separately evaluated the nuclides, which were detected through the filter of volatile and particulate.

※ ○.○E-○ means ○.○ x 10-○

※ In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

[Definite Report] Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling :

Fukushima Daini Nuclear Power Station: MP - 1

Date and Tim of Sampling :

10:52 am March 27th, 2011

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11:00 am March 27th, 2011

(Re-evaluation)

(Announced on March 28)

Detected Nuclide (half-life)		①Radioactivity density (Bq/cm <sup>3</sup> )	(2)Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (Density limit in the air to workers engaged in tasks associated with radiation in the section 4 of the appendix 2)	Scaling Factor (①/②)	Radioactivity Density (Bq/cm <sup>3</sup> )	Reason for Modification※1
Co-58 (about 71 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—	Not Detectable	—
Zr-95 (about 64 days)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Tc-99m (about 6 hours)	Volatile	Not Detectable	7E-01	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ru-105 (about 4 hours)	Volatile	Not Detectable	8E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ru-106 (about 374 days)	Volatile	Not Detectable	6E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ag-110m (about 250 days)	Volatile	Not Detectable	3E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Sn-113 (about 115 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Te-129 (about 70 minutes)	Volatile	Not Detectable	4E-01	—	2.6E-04 ※2	②
	Particulate	Not Detectable		—		—
Te-129m (about 34 days)	Volatile	3.3E-04	4E-03	0.08	3.3E-04 ※2	—
	Particulate	Not Detectable		—		—
I-131 (about 8 days)	Volatile	1.3E-04	1E-03	0.13	1.3E-04	—
	Particulate	7.3E-05		0.07	7.3E-05	—
I-132 (about 2 hours)	Volatile	1.4E-04	7E-02	0.00	1.4E-04	—
	Particulate	3.2E-05		0.00	3.2E-05	—
Te-132 (about 3 days)	Volatile	1.7E-04	4E-03	0.04	1.9E-04 ※2	—
	Particulate	2.5E-05		0.01		—
I-133 (about 21 hours)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—	Not Detectable	—
Cs-134 (about 2 years)	Volatile	1.9E-05	2E-03	0.01	1.9E-05	—
	Particulate	2.3E-05		0.01	2.3E-05	—
Cs-136 (about 13 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—	Not Detectable	—
Cs-137 (about 30 years)	Volatile	1.9E-05	3E-03	0.01	1.9E-05	—
	Particulate	Not Detectable		—	1.6E-05	①
La-140 (about 40 hours)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ce-144 (about 284 days)	Volatile	Not Detectable	7E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		—

※1 In accordance with the preventive measures, ①Identification and determination of radioactivity density were conducted based on main peaks, ②Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, ③Transcription error has been modified.

※2 Iodine (I-131, I-132, I-133) is evaluated only for volatile. Cesium (Cs-134, Cs-136, Cs-137) and cobalt (Co-58) are evaluated only for particulate. Other nuclides are evaluated as sum of volatile and particulate. In the course of re-evaluation, we separately evaluated the nuclides, which were detected through the filter of volatile and particulate.

※ ○.○E-○ means ○.○ x 10-○

※ In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

[Definite Report] Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling :

Fukushima Daini Nuclear Power Station: MP - 1

Date and Tim of Sampling :

5:02 pm March 27th, 2011

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5:10 pm March 27th, 2011

(Re-evaluation)

(Announced on March 28)

Detected Nuclide (half-life)		①Radioactivity density (Bq/cm <sup>3</sup> )	(2)Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (Density limit in the air to workers engaged in tasks associated with radiation in the section 4 of the appendix 2)	Scaling Factor (①/②)	Radioactivity Density (Bq/cm <sup>3</sup> )	Reason for Modification※1
Co-58 (about 71 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—	Not Detectable	—
Zr-95 (about 64 days)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Tc-99m (about 6 hours)	Volatile	Not Detectable	7E-01	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ru-105 (about 4 hours)	Volatile	Not Detectable	8E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ru-106 (about 374 days)	Volatile	Not Detectable	6E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ag-110m (about 250 days)	Volatile	Not Detectable	3E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Sn-113 (about 115 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Te-129 (about 70 minutes)	Volatile	Not Detectable	4E-01	—	2.1E-04 ※2	—
	Particulate	1.5E-04		0.00		②
Te-129m (about 34 days)	Volatile	Not Detectable	4E-03	—	1.2E-04 ※2	—
	Particulate	1.2E-04		0.03		—
I-131 (about 8 days)	Volatile	4.3E-05	1E-03	0.04	4.3E-05	—
	Particulate	7.6E-05		0.08	7.6E-05	—
I-132 (about 2 hours)	Volatile	Not Detectable	7E-02	—	Not Detectable	—
	Particulate	6.3E-05		0.00	6.3E-05	—
Te-132 (about 3 days)	Volatile	Not Detectable	4E-03	—	7.5E-05 ※2	—
	Particulate	7.5E-05		0.02		—
I-133 (about 21 hours)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—	Not Detectable	—
Cs-134 (about 2 years)	Volatile	Not Detectable	2E-03	—	Not Detectable	—
	Particulate	Not Detectable		—	9.9E-06	①
Cs-136 (about 13 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—	Not Detectable	—
Cs-137 (about 30 years)	Volatile	Not Detectable	3E-03	—	Not Detectable	—
	Particulate	Not Detectable		—	Not Detectable	—
La-140 (about 40 hours)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ce-144 (about 284 days)	Volatile	Not Detectable	7E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		—

※1 In accordance with the preventive measures, ①Identification and determination of radioactivity density were conducted based on main peaks, ②Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, ③Transcription error has been modified.

※2 Iodine (I-131, I-132, I-133) is evaluated only for volatile. Cesium (Cs-134, Cs-136, Cs-137) and cobalt (Co-58) are evaluated only for particulate. Other nuclides are evaluated as sum of volatile and particulate. In the course of re-evaluation, we separately evaluated the nuclides, which were detected through the filter of volatile and particulate.

※ ○.○E-○ means ○.○ x 10-○

※ In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

[Definite Report] Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling :

Fukushima Daini Nuclear Power Station: MP - 1

Date and Tim of Sampling :

10:46 am March 28th, 2011

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10:54 am March 28th, 2011

(Re-evaluation)

(Announced on March 29)

Detected Nuclide (half-life)		①Radioactivity density (Bq/cm <sup>3</sup> )	(2)Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (Density limit in the air to workers engaged in tasks associated with radiation in the section 4 of the appendix 2)	Scaling Factor (①/②)	Radioactivity Density (Bq/cm <sup>3</sup> )	Reason for Modification※1
Co-58 (about 71 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—	Not Detectable	—
Zr-95 (about 64 days)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Tc-99m (about 6 hours)	Volatile	Not Detectable	7E-01	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ru-105 (about 4 hours)	Volatile	Not Detectable	8E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ru-106 (about 374 days)	Volatile	Not Detectable	6E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ag-110m (about 250 days)	Volatile	Not Detectable	3E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Sn-113 (about 115 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Te-129 (about 70 minutes)	Volatile	Not Detectable	4E-01	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Te-129m (about 34 days)	Volatile	Not Detectable	4E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		—
I-131 (about 8 days)	Volatile	3.1E-05	1E-03	0.03	3.1E-05	—
	Particulate	Not Detectable		—	Not Detectable	—
I-132 (about 2 hours)	Volatile	Not Detectable	7E-02	—	Not Detectable	—
	Particulate	Not Detectable		—	Not Detectable	—
Te-132 (about 3 days)	Volatile	Not Detectable	4E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		—
I-133 (about 21 hours)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—	Not Detectable	—
Cs-134 (about 2 years)	Volatile	Not Detectable	2E-03	—	Not Detectable	—
	Particulate	Not Detectable		—	Not Detectable	—
Cs-136 (about 13 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—	Not Detectable	—
Cs-137 (about 30 years)	Volatile	Not Detectable	3E-03	—	Not Detectable	—
	Particulate	Not Detectable		—	Not Detectable	—
La-140 (about 40 hours)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ce-144 (about 284 days)	Volatile	Not Detectable	7E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		—

※1 In accordance with the preventive measures, ①Identification and determination of radioactivity density were conducted based on main peaks, ②Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, ③Transcription error has been modified.

※2 Iodine (I-131, I-132, I-133) is evaluated only for volatile. Cesium (Cs-134, Cs-136, Cs-137) and cobalt (Co-58) are evaluated only for particulate. Other nuclides are evaluated as sum of volatile and particulate. In the course of re-evaluation, we separately evaluated the nuclides, which were detected through the filter of volatile and particulate.

※ ○.○E-○ means ○.○ x 10-○

※ In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

[Definite Report] Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling :

Fukushima Daini Nuclear Power Station: MP - 1

Date and Tim of Sampling :

5:04 pm March 28th, 2011

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5:12 pm March 28th, 2011

(Re-evaluation)

(Announced on March 29)

Detected Nuclide (half-life)		①Radioactivity density (Bq/cm <sup>3</sup> )	(2)Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (Density limit in the air to workers engaged in tasks associated with radiation in the section 4 of the appendix 2)	Scaling Factor (①/②)	Radioactivity Density (Bq/cm <sup>3</sup> )	Reason for Modification※1
Co-58 (about 71 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—	Not Detectable	—
Zr-95 (about 64 days)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Tc-99m (about 6 hours)	Volatile	Not Detectable	7E-01	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ru-105 (about 4 hours)	Volatile	Not Detectable	8E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ru-106 (about 374 days)	Volatile	Not Detectable	6E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ag-110m (about 250 days)	Volatile	Not Detectable	3E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Sn-113 (about 115 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Te-129 (about 70 minutes)	Volatile	Not Detectable	4E-01	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Te-129m (about 34 days)	Volatile	Not Detectable	4E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		—
I-131 (about 8 days)	Volatile	4.6E-05	1E-03	0.05	4.6E-05	—
	Particulate	Not Detectable		—	Not Detectable	—
I-132 (about 2 hours)	Volatile	2.8E-05	7E-02	0.00	2.8E-05	—
	Particulate	Not Detectable		—	Not Detectable	—
Te-132 (about 3 days)	Volatile	1.4E-05	4E-03	0.00	1.4E-05 ※2	—
	Particulate	Not Detectable		—		—
I-133 (about 21 hours)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Cs-134 (about 2 years)	Volatile	Not Detectable	2E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Cs-136 (about 13 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Cs-137 (about 30 years)	Volatile	Not Detectable	3E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		—
La-140 (about 40 hours)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ce-144 (about 284 days)	Volatile	Not Detectable	7E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		—

※1 In accordance with the preventive measures, ①Identification and determination of radioactivity density were conducted based on main peaks, ②Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, ③Transcription error has been modified.

※2 Iodine (I-131, I-132, I-133) is evaluated only for volatile. Cesium (Cs-134, Cs-136, Cs-137) and cobalt (Co-58) are evaluated only for particulate. Other nuclides are evaluated as sum of volatile and particulate. In the course of re-evaluation, we separately evaluated the nuclides, which were detected through the filter of volatile and particulate.

※ ○.○E-○ means ○.○ x 10-○

※ In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.



[Definite Report] Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling :

Fukushima Daini Nuclear Power Station: MP - 1

Date and Tim of Sampling :

9:51 am March 29th, 2011

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9:59 am March 29th, 2011

(Re-evaluation)

(Announced on March 30)

Detected Nuclide (half-life)		①Radioactivity density (Bq/cm <sup>3</sup> )	(2)Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (Density limit in the air to workers engaged in tasks associated with radiation in the section 4 of the appendix 2)	Scaling Factor (①/②)	Radioactivity Density (Bq/cm <sup>3</sup> )	Reason for Modification※1
Co-58 (about 71 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—	Not Detectable	—
Zr-95 (about 64 days)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Tc-99m (about 6 hours)	Volatile	Not Detectable	7E-01	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ru-105 (about 4 hours)	Volatile	Not Detectable	8E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ru-106 (about 374 days)	Volatile	Not Detectable	6E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ag-110m (about 250 days)	Volatile	Not Detectable	3E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Sn-113 (about 115 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Te-129 (about 70 minutes)	Volatile	Not Detectable	4E-01	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Te-129m (about 34 days)	Volatile	Not Detectable	4E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		—
I-131 (about 8 days)	Volatile	2.0E-04	1E-03	0.20	2.0E-04	—
	Particulate	1.3E-04		0.13	1.3E-04	—
I-132 (about 2 hours)	Volatile	Not Detectable	7E-02	—	Not Detectable	—
	Particulate	Not Detectable		—	Not Detectable	—
Te-132 (about 3 days)	Volatile	Not Detectable	4E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		—
I-133 (about 21 hours)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		Not Detectable
Cs-134 (about 2 years)	Volatile	3.3E-05	2E-03	0.02	3.3E-05	—
	Particulate	1.6E-04		0.08	1.6E-04	—
Cs-136 (about 13 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	1.6E-05		0.00	1.6E-05	—
Cs-137 (about 30 years)	Volatile	4.3E-05	3E-03	0.01	4.3E-05	—
	Particulate	1.8E-04		0.06	1.8E-04	—
La-140 (about 40 hours)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ce-144 (about 284 days)	Volatile	Not Detectable	7E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		—

※1 In accordance with the preventive measures, ①Identification and determination of radioactivity density were conducted based on main peaks, ②Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, ③Transcription error has been modified.

※2 Iodine (I-131, I-132, I-133) is evaluated only for volatile. Cesium (Cs-134, Cs-136, Cs-137) and cobalt (Co-58) are evaluated only for particulate. Other nuclides are evaluated as sum of volatile and particulate. In the course of re-evaluation, we separately evaluated the nuclides, which were detected through the filter of volatile and particulate.

※ ○.○E-○ means ○.○ x 10-○

※ In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

[Definite Report] Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling :

Fukushima Daini Nuclear Power Station: MP - 1

Date and Tim of Sampling :

3:56 pm March 29th, 2011

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4:04 pm March 29th, 2011

(Re-evaluation)

(Announced on March 30)

Detected Nuclide (half-life)		①Radioactivity density (Bq/cm <sup>3</sup> )	(2)Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (Density limit in the air to workers engaged in tasks associated with radiation in the section 4 of the appendix 2)	Scaling Factor (①/②)	Radioactivity Density (Bq/cm <sup>3</sup> )	Reason for Modification※1
Co-58 (about 71 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—	Not Detectable	—
Zr-95 (about 64 days)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Tc-99m (about 6 hours)	Volatile	Not Detectable	7E-01	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ru-105 (about 4 hours)	Volatile	Not Detectable	8E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ru-106 (about 374 days)	Volatile	Not Detectable	6E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ag-110m (about 250 days)	Volatile	Not Detectable	3E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Sn-113 (about 115 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Te-129 (about 70 minutes)	Volatile	2.0E-04	4E-01	0.00	1.5E-03 ※2	②
	Particulate	2.8E-04		0.00		②
Te-129m (about 34 days)	Volatile	Not Detectable	4E-03	—	1.3E-04 ※2	—
	Particulate	1.3E-04		0.03		—
I-131 (about 8 days)	Volatile	1.4E-04	1E-03	0.14	1.4E-04	—
	Particulate	7.9E-05		0.08	7.9E-05	—
I-132 (about 2 hours)	Volatile	8.3E-05	7E-02	0.00	8.3E-05	—
	Particulate	3.9E-05		0.00	3.9E-05	—
Te-132 (about 3 days)	Volatile	9.6E-05	4E-03	0.02	1.5E-04 ※2	—
	Particulate	4.9E-05		0.01		—
I-133 (about 21 hours)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—	Not Detectable	—
Cs-134 (about 2 years)	Volatile	6.0E-05	2E-03	0.03	6.0E-05	—
	Particulate	4.3E-05		0.02	4.3E-05	—
Cs-136 (about 13 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	4.2E-06		0.00	4.2E-06	—
Cs-137 (about 30 years)	Volatile	6.3E-05	3E-03	0.02	6.3E-05	—
	Particulate	3.9E-05		0.01	3.9E-05	—
La-140 (about 40 hours)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ce-144 (about 284 days)	Volatile	Not Detectable	7E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		—

※1 In accordance with the preventive measures, ①Identification and determination of radioactivity density were conducted based on main peaks, ②Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, ③Transcription error has been modified.

※2 Iodine (I-131, I-132, I-133) is evaluated only for volatile. Cesium (Cs-134, Cs-136, Cs-137) and cobalt (Co-58) are evaluated only for particulate. Other nuclides are evaluated as sum of volatile and particulate. In the course of re-evaluation, we separately evaluated the nuclides, which were detected through the filter of volatile and particulate.

※ ○.○E-○ means ○.○ x 10-○

※ In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

[Definite Report] Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling :

Fukushima Daini Nuclear Power Station: MP - 1

Date and Tim of Sampling :

6:27 am March 30th, 2011

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9:35 am March 30th, 2011

(Re-evaluation)

(Announced on March 31)

Detected Nuclide (half-life)		①Radioactivity density (Bq/cm <sup>3</sup> )	(2)Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (Density limit in the air to workers engaged in tasks associated with radiation in the section 4 of the appendix 2)	Scaling Factor (①/②)	Radioactivity Density (Bq/cm <sup>3</sup> )	Reason for Modification※1
Co-58 (about 71 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Zr-95 (about 64 days)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
Tc-99m (about 6 hours)	Volatile	Not Detectable	7E-01	—	5.3E-05 ※2	②
	Particulate	4.4E-05		0.00		
Ru-105 (about 4 hours)	Volatile	Not Detectable	8E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		
Ru-106 (about 374 days)	Volatile	Not Detectable	6E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		
Ag-110m (about 250 days)	Volatile	Not Detectable	3E-03	—	9.8E-06 ※2	—
	Particulate	9.8E-06		0.00		
Sn-113 (about 115 days)	Volatile	Not Detectable	1E-02	—	2.2E-05 ※2	①
	Particulate	Not Detectable		—		
Te-129 (about 70 minutes)	Volatile	Not Detectable	4E-01	—	1.0E-03 ※2	②
	Particulate	5.1E-04		0.00		
Te-129m (about 34 days)	Volatile	3.6E-04	4E-03	0.09	6.6E-04 ※2	—
	Particulate	3.0E-04		0.08		
I-131 (about 8 days)	Volatile	8.1E-04	1E-03	0.81	8.1E-04	—
	Particulate	6.8E-04		0.68		
I-132 (about 2 hours)	Volatile	3.3E-04	7E-02	0.00	3.3E-04	—
	Particulate	2.3E-04		0.00		
Te-132 (about 3 days)	Volatile	8.4E-05	4E-03	0.02	2.0E-04 ※2	—
	Particulate	1.2E-04		0.03		
I-133 (about 21 hours)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		
Cs-134 (about 2 years)	Volatile	8.2E-05	2E-03	0.04	8.2E-05	—
	Particulate	8.7E-04		0.44		
Cs-136 (about 13 days)	Volatile	6.2E-06	1E-02	0.00	6.2E-06	—
	Particulate	3.8E-05		0.00		
Cs-137 (about 30 years)	Volatile	7.4E-05	3E-03	0.02	7.4E-05	—
	Particulate	8.2E-04		0.27		
La-140 (about 40 hours)	Volatile	Not Detectable	1E-02	—	3.4E-06 ※2	②
	Particulate	3.3E-06		0.00		
Ce-144 (about 284 days)	Volatile	Not Detectable	7E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		

※1 In accordance with the preventive measures, ①Identification and determination of radioactivity density were conducted based on main peaks, ②Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, ③Transcription error has been modified.

※2 Iodine (I-131, I-132, I-133) is evaluated only for volatile. Cesium (Cs-134, Cs-136, Cs-137) and cobalt (Co-58) are evaluated only for particulate. Other nuclides are evaluated as sum of volatile and particulate. In the course of re-evaluation, we separately evaluated the nuclides, which were detected through the filter of volatile and particulate.

※ ○.○E-○ means ○.○ x 10-○

※ In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

[Definite Report] Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling :

Fukushima Daini Nuclear Power Station: MP - 1

Date and Tim of Sampling :

6:30 pm March 30th, 2011

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6:38 pm March 30th, 2011

(Re-evaluation)

(Announced on March 31)

Detected Nuclide (half-life)		①Radioactivity density (Bq/cm <sup>3</sup> )	(2)Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (Density limit in the air to workers engaged in tasks associated with radiation in the section 4 of the appendix 2)	Scaling Factor (①/②)	Radioactivity Density (Bq/cm <sup>3</sup> )	Reason for Modification※1
Co-58 (about 71 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—	Not Detectable	—
Zr-95 (about 64 days)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Tc-99m (about 6 hours)	Volatile	Not Detectable	7E-01	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ru-105 (about 4 hours)	Volatile	Not Detectable	8E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ru-106 (about 374 days)	Volatile	Not Detectable	6E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ag-110m (about 250 days)	Volatile	Not Detectable	3E-03	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Sn-113 (about 115 days)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Te-129 (about 70 minutes)	Volatile	Not Detectable	4E-01	—	6.9E-04 ※2	—
	Particulate	1.2E-04		0.00		②
Te-129m (about 34 days)	Volatile	2.1E-04	4E-03	0.05	3.3E-04 ※2	—
	Particulate	1.2E-04		0.03		—
I-131 (about 8 days)	Volatile	2.4E-04	1E-03	0.24	2.4E-04	—
	Particulate	1.5E-04		0.15	1.5E-04	—
I-132 (about 2 hours)	Volatile	7.5E-05	7E-02	0.00	7.5E-05	—
	Particulate	3.7E-05		0.00	3.7E-05	—
Te-132 (about 3 days)	Volatile	6.6E-05	4E-03	0.02	1.0E-04 ※2	—
	Particulate	3.9E-05		0.01		—
I-133 (about 21 hours)	Volatile	Not Detectable	5E-03	—	Not Detectable	—
	Particulate	Not Detectable		—	Not Detectable	—
Cs-134 (about 2 years)	Volatile	7.1E-05	2E-03	0.04	7.1E-05	—
	Particulate	5.2E-05		0.03	5.2E-05	—
Cs-136 (about 13 days)	Volatile	6.5E-06	1E-02	0.00	6.5E-06	—
	Particulate	3.0E-06		0.00	3.0E-06	—
Cs-137 (about 30 years)	Volatile	7.5E-05	3E-03	0.03	7.5E-05	—
	Particulate	4.9E-05		0.02	4.9E-05	—
La-140 (about 40 hours)	Volatile	Not Detectable	1E-02	—	Not Detectable	—
	Particulate	Not Detectable		—		—
Ce-144 (about 284 days)	Volatile	Not Detectable	7E-04	—	Not Detectable	—
	Particulate	Not Detectable		—		—

※1 In accordance with the preventive measures, ①Identification and determination of radioactivity density were conducted based on main peaks, ②Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, ③Transcription error has been modified.

※2 Iodine (I-131, I-132, I-133) is evaluated only for volatile. Cesium (Cs-134, Cs-136, Cs-137) and cobalt (Co-58) are evaluated only for particulate. Other nuclides are evaluated as sum of volatile and particulate. In the course of re-evaluation, we separately evaluated the nuclides, which were detected through the filter of volatile and particulate.

※ ○.○E-○ means ○.○ x 10-○

※ In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

【Definite Report】 Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of Sampling		Fukushima Daiichi West Gate		Fukushima Daini MP - 1				Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm <sup>3</sup> )
Date and Time of Sampling		2:00 am ~ 2:20 am March 31st, 2011		10:07 am ~ 10:15 am March 31st, 2011		2:45 pm ~ 2:53 pm March 31st, 2011		
Detected Nuclide (half-life)		Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
Volatile	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01
	Te-129m (about 34 days)	1.8E-04	0.05	2.3E-04	0.06	2.0E-04	0.05	4E-03
	I-131 (about 8 days)	6.4E-04	0.64	1.6E-04	0.16	1.5E-04	0.15	1E-03
	I-132 (about 2 hours)	Not Detectable	-	4.1E-05	0.00	3.2E-05	0.00	7E-02
	Te-132 (about 3 days)	4.2E-05	0.01	6.7E-05	0.02	5.4E-05	0.01	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	4.2E-05	0.02	6.9E-05	0.03	6.8E-05	0.03	2E-03
	Cs-136 (about 13 days)	4.6E-06	0.00	4.7E-06	0.00	5.5E-06	0.00	1E-02
	Cs-137 (about 30 years)	4.5E-05	0.02	7.3E-05	0.02	6.9E-05	0.02	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
Particulate	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01
	Te-129m (about 34 days)	9.2E-05	0.02	2.2E-04	0.06	1.4E-04	0.04	4E-03
	I-131 (about 8 days)	1.9E-04	0.19	1.3E-04	0.13	7.8E-05	0.08	1E-03
	I-132 (about 2 hours)	Not Detectable	-	4.0E-05	0.00	1.6E-05	0.00	7E-02
	Te-132 (about 3 days)	2.2E-05	0.01	5.6E-05	0.01	3.1E-05	0.01	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	3.3E-05	0.02	7.3E-05	0.04	4.2E-05	0.02	2E-03
	Cs-136 (about 13 days)	2.3E-06	0.00	4.9E-06	0.00	2.6E-06	0.00	1E-02
	Cs-137 (about 30 years)	3.6E-05	0.01	7.1E-05	0.02	4.3E-05	0.01	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02

E - means . x 10 -

In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

【Definite Report】 Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of Sampling		Fukushima Daiichi West Gate		Fukushima Daini MP - 1				Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm <sup>3</sup> )
Date and Time of Sampling		2:00 am ~ 2:20 am April 1st, 2011		10:41 am ~ 10:49 am April 1st, 2011		3:54 pm ~ 4:02 pm April 1st, 2011		
Detected Nuclide (half-life)		Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
Volatile	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	9.2E-05	0.00	6.8E-05	0.00	Not Detectable	-	4E-01
	Te-129m (about 34 days)	9.2E-05	0.02	Not Detectable	-	2.0E-04	0.05	4E-03
	I-131 (about 8 days)	2.5E-04	0.25	1.1E-04	0.11	1.1E-04	0.11	1E-03
	I-132 (about 2 hours)	5.1E-05	0.00	1.8E-05	0.00	2.1E-05	0.00	7E-02
	Te-132 (about 3 days)	1.9E-05	0.00	2.8E-05	0.01	2.7E-05	0.01	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	3.6E-05	0.02	5.2E-05	0.03	4.6E-05	0.02	2E-03
	Cs-136 (about 13 days)	3.9E-06	0.00	3.1E-06	0.00	Not Detectable	-	1E-02
	Cs-137 (about 30 years)	3.4E-05	0.01	5.3E-05	0.02	5.1E-05	0.02	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
Particulate	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01
	Te-129m (about 34 days)	4.4E-05	0.01	7.1E-05	0.02	8.0E-05	0.02	4E-03
	I-131 (about 8 days)	1.1E-04	0.11	4.8E-05	0.05	5.3E-05	0.05	1E-03
	I-132 (about 2 hours)	Not Detectable	-	9.6E-06	0.00	7.9E-06	0.00	7E-02
	Te-132 (about 3 days)	9.7E-06	0.00	1.4E-05	0.00	1.5E-05	0.00	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	2.0E-05	0.01	2.8E-05	0.01	3.3E-05	0.02	2E-03
	Cs-136 (about 13 days)	1.7E-06	0.00	Not Detectable	-	2.5E-06	0.00	1E-02
	Cs-137 (about 30 years)	2.0E-05	0.01	2.9E-05	0.01	3.0E-05	0.01	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02

E - means . x 10 -

In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

【Definite Report】 Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of Sampling		Fukushima Daiichi West Gate		Fukushima Daini MP - 1				Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm <sup>3</sup> )
Date and Time of Sampling		2:00 am ~ 2:20 am April 2nd, 2011		9:36 am ~ 9:44 am April 2nd, 2011		3:38 pm ~ 3:46 pm April 2nd, 2011		
Detected Nuclide (half-life)		Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
Volatile	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01
	Te-129m (about 34 days)	7.6E-05	0.02	1.5E-04	0.04	Not Detectable	-	4E-03
	I-131 (about 8 days)	4.3E-04	0.43	9.2E-05	0.09	6.9E-05	0.07	1E-03
	I-132 (about 2 hours)	Not Detectable	-	2.1E-05	0.00	Not Detectable	-	7E-02
	Te-132 (about 3 days)	1.8E-05	0.00	2.1E-05	0.01	Not Detectable	-	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	3.9E-05	0.02	4.9E-05	0.02	Not Detectable	-	2E-03
	Cs-136 (about 13 days)	2.8E-06	0.00	Not Detectable	-	Not Detectable	-	1E-02
	Cs-137 (about 30 years)	3.7E-05	0.01	5.6E-05	0.02	2.0E-05	0.01	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
Particulate	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01
	Te-129m (about 34 days)	6.2E-05	0.02	6.0E-05	0.02	8.5E-05	0.02	4E-03
	I-131 (about 8 days)	2.1E-04	0.21	5.3E-05	0.05	3.7E-05	0.04	1E-03
	I-132 (about 2 hours)	Not Detectable	-	9.8E-06	0.00	7.7E-06	0.00	7E-02
	Te-132 (about 3 days)	8.5E-06	0.00	1.3E-05	0.00	1.5E-05	0.00	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	1.9E-05	0.01	2.8E-05	0.01	3.2E-05	0.02	2E-03
	Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	1.8E-06	0.00	1E-02
	Cs-137 (about 30 years)	2.0E-05	0.01	2.9E-05	0.01	3.3E-05	0.01	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02

E - means . x 10 -

In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

【Definite Report】 Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of Sampling		Fukushima Daiichi West Gate		Fukushima Daini MP - 1				Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm <sup>3</sup> )
Date and Time of Sampling		2:03 am ~ 2:23 am April 3rd, 2011		10:26 am ~ 10:34 am April 3rd, 2011		4:19 pm ~ 4:27 pm April 3rd, 2011		
Detected Nuclide (half-life)		Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
Volatile	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01
	Te-129m (about 34 days)	7.0E-05	0.02	Not Detectable	-	9.6E-05	0.02	4E-03
	I-131 (about 8 days)	2.3E-04	0.23	3.9E-05	0.04	8.2E-05	0.08	1E-03
	I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	2.2E-05	0.00	7E-02
	Te-132 (about 3 days)	1.1E-05	0.00	Not Detectable	-	1.4E-05	0.00	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	2.8E-05	0.01	Not Detectable	-	4.1E-05	0.02	2E-03
	Cs-136 (about 13 days)	1.8E-06	0.00	Not Detectable	-	Not Detectable	-	1E-02
	Cs-137 (about 30 years)	3.1E-05	0.01	Not Detectable	-	4.5E-05	0.02	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
Particulate	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	2.6E-05	0.00	Not Detectable	-	Not Detectable	-	4E-01
	Te-129m (about 34 days)	Not Detectable	-	5.0E-05	0.01	6.0E-05	0.02	4E-03
	I-131 (about 8 days)	1.1E-04	0.11	2.9E-05	0.03	3.7E-05	0.04	1E-03
	I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	7.3E-06	0.00	7E-02
	Te-132 (about 3 days)	4.8E-06	0.00	7.6E-06	0.00	7.3E-06	0.00	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	1.6E-05	0.01	2.2E-05	0.01	2.8E-05	0.01	2E-03
	Cs-136 (about 13 days)	Not Detectable	-	1.1E-06	0.00	Not Detectable	-	1E-02
	Cs-137 (about 30 years)	1.6E-05	0.01	2.1E-05	0.01	2.2E-05	0.01	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	4.4E-06	0.00	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02

E - means . x 10 -

In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.



【Definite Report】 Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of Sampling		Fukushima Daiichi West Gate		Fukushima Daini MP - 1				Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm <sup>3</sup> )
Date and Time of Sampling		2:22 am ~ 2:42 am April 4th, 2011		9:29 am ~ 9:37 am April 4th, 2011		4:06 pm ~ 4:14 pm April 4th, 2011		
Detected Nuclide (half-life)		Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
Volatile	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01
	Te-129m (about 34 days)	7.8E-05	0.02	Not Detectable	-	8.5E-05	0.02	4E-03
	I-131 (about 8 days)	2.0E-04	0.20	4.2E-05	0.04	5.4E-05	0.05	1E-03
	I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	1.2E-05	0.00	7E-02
	Te-132 (about 3 days)	6.9E-06	0.00	Not Detectable	-	1.1E-05	0.00	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	2.5E-05	0.01	Not Detectable	-	3.7E-05	0.02	2E-03
	Cs-136 (about 13 days)	1.5E-06	0.00	Not Detectable	-	2.3E-06	0.00	1E-02
	Cs-137 (about 30 years)	2.8E-05	0.01	Not Detectable	-	3.8E-05	0.01	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
Particulate	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01
	Te-129m (about 34 days)	3.9E-05	0.01	Not Detectable	-	4.1E-05	0.01	4E-03
	I-131 (about 8 days)	1.0E-04	0.10	2.3E-05	0.02	3.9E-05	0.04	1E-03
	I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	6.1E-06	0.00	7E-02
	Te-132 (about 3 days)	4.6E-06	0.00	Not Detectable	-	Not Detectable	-	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	1.5E-05	0.01	Not Detectable	-	2.5E-05	0.01	2E-03
	Cs-136 (about 13 days)	9.4E-07	0.00	Not Detectable	-	1.4E-06	0.00	1E-02
	Cs-137 (about 30 years)	1.6E-05	0.01	Not Detectable	-	2.5E-05	0.01	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02

E - means . x 10 -

In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

【Definite Report】 Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of Sampling		Fukushima Daiichi West Gate		Fukushima Daini MP - 1				Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm <sup>3</sup> )
Date and Time of Sampling		2:02 am ~ 2:22 am April 5th, 2011		9:13 am ~ 9:21 am April 5th, 2011		4:04 pm ~ 4:12 pm April 5th, 2011		
Detected Nuclide (half-life)		Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
Volatile	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01
	Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	7.5E-05	0.02	4E-03
	I-131 (about 8 days)	4.2E-04	0.42	3.8E-05	0.04	6.8E-05	0.07	1E-03
	I-132 (about 2 hours)	7.0E-06	0.00	Not Detectable	-	1.1E-05	0.00	7E-02
	Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	7.2E-06	0.00	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	2.1E-05	0.01	Not Detectable	-	3.2E-05	0.02	2E-03
	Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	2.7E-06	0.00	1E-02
	Cs-137 (about 30 years)	2.1E-05	0.01	Not Detectable	-	3.7E-05	0.01	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
Particulate	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01
	Te-129m (about 34 days)	4.4E-05	0.01	4.6E-05	0.01	4.8E-05	0.01	4E-03
	I-131 (about 8 days)	2.2E-04	0.22	5.1E-05	0.05	3.4E-05	0.03	1E-03
	I-132 (about 2 hours)	Not Detectable	-	4.4E-06	0.00	5.4E-06	0.00	7E-02
	Te-132 (about 3 days)	3.4E-06	0.00	3.8E-06	0.00	4.0E-06	0.00	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	3.1E-05	0.02	2.4E-05	0.01	2.2E-05	0.01	2E-03
	Cs-136 (about 13 days)	1.3E-06	0.00	1.3E-06	0.00	1.1E-06	0.00	1E-02
	Cs-137 (about 30 years)	3.1E-05	0.01	2.1E-05	0.01	2.0E-05	0.01	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02

E - means . x 10 -

In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

【Definite Report】 Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of Sampling		Fukushima Daiichi West Gate		Fukushima Daini MP - 1				Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm <sup>3</sup> )
Date and Time of Sampling		2:00 am ~ 2:20 am April 6th, 2011		9:29 am ~ 9:41 am April 6th, 2011		3:50 pm ~ 3:58 pm April 6th, 2011		
Detected Nuclide (half-life)		Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
Volatile	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01
	Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-131 (about 8 days)	2.0E-04	0.20	5.7E-05	0.06	Not Detectable	-	1E-03
	I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-02
	Te-132 (about 3 days)	Not Detectable	-	6.8E-06	0.00	Not Detectable	-	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	Not Detectable	-	3.4E-05	0.02	Not Detectable	-	2E-03
	Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	Cs-137 (about 30 years)	Not Detectable	-	3.8E-05	0.01	Not Detectable	-	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
Particulate	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01
	Te-129m (about 34 days)	Not Detectable	-	5.6E-05	0.01	3.8E-05	0.01	4E-03
	I-131 (about 8 days)	6.7E-05	0.07	4.5E-05	0.05	3.0E-05	0.03	1E-03
	I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-02
	Te-132 (about 3 days)	Not Detectable	-	4.2E-06	0.00	3.8E-06	0.00	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	9.3E-06	0.00	2.4E-05	0.01	1.8E-05	0.01	2E-03
	Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	9.3E-07	0.00	1E-02
	Cs-137 (about 30 years)	7.7E-06	0.00	2.9E-05	0.01	1.9E-05	0.01	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02

E - means . x 10 -

In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

【Definite Report】 Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of Sampling		Fukushima Daiichi West Gate		Fukushima Daini MP - 1				Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm <sup>3</sup> )
Date and Time of Sampling		2:00 am ~ 2:20 am April 7th, 2011		9:43 am ~ 9:50 am April 7th, 2011		4:09 pm ~ 4:17 pm April 7th, 2011		
Detected Nuclide (half-life)		Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
Volatile	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01
	Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-131 (about 8 days)	7.8E-04	0.78	3.1E-05	0.03	1.6E-05	0.02	1E-03
	I-132 (about 2 hours)	4.7E-06	0.00	Not Detectable	-	Not Detectable	-	7E-02
	Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	7.5E-06	0.00	1.0E-05	0.01	Not Detectable	-	2E-03
	Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	Cs-137 (about 30 years)	Not Detectable	-	1.4E-05	0.00	Not Detectable	-	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
Particulate	Nb-95 (about 35 days)	3.2E-06	0.00	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	3.3E-06	0.00	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	1.8E-06	0.00	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01
	Te-129m (about 34 days)	5.1E-05	0.01	Not Detectable	-	6.5E-05	0.02	4E-03
	I-131 (about 8 days)	1.7E-04	0.17	1.0E-05	0.01	5.8E-05	0.06	1E-03
	I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-02
	Te-132 (about 3 days)	4.1E-06	0.00	Not Detectable	-	3.2E-06	0.00	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	1.5E-04	0.08	Not Detectable	-	2.5E-05	0.01	2E-03
	Cs-136 (about 13 days)	3.9E-06	0.00	Not Detectable	-	Not Detectable	-	1E-02
	Cs-137 (about 30 years)	1.5E-04	0.05	Not Detectable	-	2.6E-05	0.01	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	9.7E-07	0.00	Not Detectable	-	Not Detectable	-	1E-02

E - means . x 10 -

In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

【Definite Report】 Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of Sampling		Fukushima Daiichi West Gate		Fukushima Daini MP - 1				Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm <sup>3</sup> )
Date and Time of Sampling		2:01 am ~ 2:21 am April 8th, 2011		9:33 am ~ 9:41 am April 8th, 2011		3:28 pm ~ 3:36 pm April 8th, 2011		
Detected Nuclide (half-life)		Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
Volatile	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	3.2E-05	0.00	Not Detectable	-	Not Detectable	-	4E-01
	Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-131 (about 8 days)	2.1E-04	0.21	2.6E-05	0.03	1.6E-05	0.02	1E-03
	I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-02
	Te-132 (about 3 days)	2.2E-06	0.00	Not Detectable	-	Not Detectable	-	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	1.3E-05	0.01	Not Detectable	-	Not Detectable	-	2E-03
	Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	Cs-137 (about 30 years)	1.4E-05	0.00	Not Detectable	-	Not Detectable	-	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
Particulate	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01
	Te-129m (about 34 days)	2.0E-05	0.01	Not Detectable	-	Not Detectable	-	4E-03
	I-131 (about 8 days)	8.7E-05	0.09	1.5E-05	0.02	1.0E-05	0.01	1E-03
	I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-02
	Te-132 (about 3 days)	1.0E-06	0.00	Not Detectable	-	Not Detectable	-	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	9.6E-06	0.00	Not Detectable	-	Not Detectable	-	2E-03
	Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	Cs-137 (about 30 years)	9.0E-06	0.00	Not Detectable	-	Not Detectable	-	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02

E - means . x 10 -

In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

【Definite Report】 Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of Sampling		Fukushima Daiichi West Gate		Fukushima Daini MP - 1				Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm <sup>3</sup> )
Date and Time of Sampling		1:59 am ~ 2:19 am April 9th, 2011		9:07 am ~ 9:14 am April 9th, 2011		3:38 pm ~ 3:45 pm April 9th, 2011		
Detected Nuclide (half-life)		Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
Volatile	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	5.0E-05	0.00	Not Detectable	-	4E-01
	Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-131 (about 8 days)	1.5E-04	0.15	4.4E-05	0.04	1.7E-05	0.02	1E-03
	I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-02
	Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	1.3E-05	0.01	2.0E-05	0.01	Not Detectable	-	2E-03
	Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	Cs-137 (about 30 years)	Not Detectable	-	2.0E-05	0.01	Not Detectable	-	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
Particulate	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01
	Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-131 (about 8 days)	8.0E-05	0.08	2.7E-05	0.03	1.1E-05	0.01	1E-03
	I-132 (about 2 hours)	Not Detectable	-	1.4E-06	0.00	Not Detectable	-	7E-02
	Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	7.1E-06	0.00	1.1E-05	0.01	Not Detectable	-	2E-03
	Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	Cs-137 (about 30 years)	9.1E-06	0.00	1.1E-05	0.00	Not Detectable	-	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02

E - means . x 10 -

In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

【Definite Report】 Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of Sampling		Fukushima Daiichi West Gate		Fukushima Daini MP - 1				Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm <sup>3</sup> )
Date and Time of Sampling		2:00 am ~ 2:20 am April 10th, 2011		9:09 am ~ 9:17 am April 10th, 2011		4:38 pm ~ 4:45 pm April 10th, 2011		
Detected Nuclide (half-life)		Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
Volatile	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01
	Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-131 (about 8 days)	1.3E-04	0.13	1.9E-05	0.02	2.1E-05	0.02	1E-03
	I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-02
	Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-03
	Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	Cs-137 (about 30 years)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
Particulate	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	2.2E-05	0.00	4E-01
	Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-131 (about 8 days)	4.9E-05	0.05	1.4E-05	0.01	2.6E-05	0.03	1E-03
	I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-02
	Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	1.3E-06	0.00	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	Not Detectable	-	Not Detectable	-	1.2E-05	0.01	2E-03
	Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	Cs-137 (about 30 years)	6.0E-06	0.00	Not Detectable	-	1.2E-05	0.00	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02

E - means . x 10 -

In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

【Definite Report】 Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of Sampling		Fukushima Daiichi West Gate		Fukushima Daini MP - 1				Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm <sup>3</sup> )
Date and Time of Sampling		2:00 am ~ 2:20 am April 11th, 2011		9:15 am ~ 9:22 am April 11th, 2011		4:03 pm ~ 4:11 pm April 11th, 2011		
Detected Nuclide (half-life)		Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
Volatile	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01
	Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-131 (about 8 days)	1.1E-04	0.11	1.7E-05	0.02	1.6E-05	0.02	1E-03
	I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-02
	Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	1.1E-05	0.01	Not Detectable	-	8.9E-06	0.00	2E-03
	Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	Cs-137 (about 30 years)	1.4E-05	0.00	Not Detectable	-	8.5E-06	0.00	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
Particulate	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01
	Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-131 (about 8 days)	4.0E-05	0.04	1.2E-05	0.01	8.4E-06	0.01	1E-03
	I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-02
	Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-03
	Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	Cs-137 (about 30 years)	5.8E-06	0.00	Not Detectable	-	Not Detectable	-	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02

. E - means . x 10 -

In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.



【Definite Report】 Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of Sampling		Fukushima Daiichi West Gate		Fukushima Daini MP - 1				Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm <sup>3</sup> )
Date and Time of Sampling		2:00 am ~ 2:20 am April 12th, 2011		9:09 am ~ 9:16 am April 12th, 2011		3:39 pm ~ 3:47 pm April 12th, 2011		
Detected Nuclide (half-life)		Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
Volatile	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01
	Te-129m (about 34 days)	7.3E-05	0.02	Not Detectable	-	Not Detectable	-	4E-03
	I-131 (about 8 days)	1.3E-04	0.13	2.1E-05	0.02	1.9E-05	0.02	1E-03
	I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-02
	Te-132 (about 3 days)	1.9E-06	0.00	1.9E-06	0.00	Not Detectable	-	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	2.2E-05	0.01	1.2E-05	0.01	Not Detectable	-	2E-03
	Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	Cs-137 (about 30 years)	2.9E-05	0.01	7.9E-06	0.00	Not Detectable	-	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
Particulate	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01
	Te-129m (about 34 days)	8.0E-05	0.02	4.6E-05	0.01	Not Detectable	-	4E-03
	I-131 (about 8 days)	1.1E-04	0.11	2.3E-05	0.02	7.3E-06	0.01	1E-03
	I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-02
	Te-132 (about 3 days)	1.9E-06	0.00	Not Detectable	-	Not Detectable	-	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	3.3E-05	0.02	1.1E-05	0.01	Not Detectable	-	2E-03
	Cs-136 (about 13 days)	8.9E-07	0.00	Not Detectable	-	Not Detectable	-	1E-02
	Cs-137 (about 30 years)	3.8E-05	0.01	9.4E-06	0.00	Not Detectable	-	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02

E - means . x 10 -

In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

【Definite Report】 Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of Sampling		Fukushima Daiichi West Gate		Fukushima Daini MP - 1				Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm <sup>3</sup> )
Date and Time of Sampling		2:00 am ~ 2:20 am April 13th, 2011		9:03 am ~ 9:10 am April 13th, 2011		4:23 pm ~ 4:31 pm April 13th, 2011		
Detected Nuclide (half-life)		Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
Volatile	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01
	Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-131 (about 8 days)	9.7E-05	0.10	1.8E-05	0.02	2.0E-05	0.02	1E-03
	I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-02
	Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	Not Detectable	-	Not Detectable	-	8.9E-06	0.00	2E-03
	Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	Cs-137 (about 30 years)	1.1E-05	0.00	Not Detectable	-	7.7E-06	0.00	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
Particulate	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01
	Te-129m (about 34 days)	5.1E-05	0.01	Not Detectable	-	Not Detectable	-	4E-03
	I-131 (about 8 days)	1.1E-04	0.11	1.6E-05	0.02	8.9E-06	0.01	1E-03
	I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-02
	Te-132 (about 3 days)	1.6E-06	0.00	Not Detectable	-	Not Detectable	-	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	2.3E-05	0.01	9.1E-06	0.00	Not Detectable	-	2E-03
	Cs-136 (about 13 days)	1.5E-06	0.00	Not Detectable	-	Not Detectable	-	1E-02
	Cs-137 (about 30 years)	2.6E-05	0.01	9.5E-06	0.00	Not Detectable	-	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02

E - means . x 10 -

In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

【Definite Report】 Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of Sampling		Fukushima Daiichi West Gate		Fukushima Daini MP - 1				Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm <sup>3</sup> )
Date and Time of Sampling		11:25 am ~ 11:45 am April 14th, 2011		9:27 am ~ 9:34 am April 14th, 2011		3:34 pm ~ 3:42 pm April 14th, 2011		
Detected Nuclide (half-life)		Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
Volatile	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	3.2E-05	0.00	Not Detectable	-	4E-01
	Te-129m (about 34 days)	2.4E-04	0.06	Not Detectable	-	Not Detectable	-	4E-03
	I-131 (about 8 days)	7.6E-04	0.76	1.7E-05	0.02	1.9E-05	0.02	1E-03
	I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-02
	Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	7.5E-05	0.04	9.7E-06	0.00	1.0E-05	0.01	2E-03
	Cs-136 (about 13 days)	3.6E-06	0.00	Not Detectable	-	Not Detectable	-	1E-02
	Cs-137 (about 30 years)	8.1E-05	0.03	8.6E-06	0.00	1.1E-05	0.00	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
Particulate	Nb-95 (about 35 days)	2.8E-06	0.00	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01
	Te-129m (about 34 days)	2.3E-04	0.06	Not Detectable	-	Not Detectable	-	4E-03
	I-131 (about 8 days)	4.2E-04	0.42	1.0E-05	0.01	1.3E-05	0.01	1E-03
	I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-02
	Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	1.9E-04	0.10	6.1E-06	0.00	7.9E-06	0.00	2E-03
	Cs-136 (about 13 days)	4.8E-06	0.00	Not Detectable	-	Not Detectable	-	1E-02
	Cs-137 (about 30 years)	1.9E-04	0.06	6.6E-06	0.00	6.3E-06	0.00	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	2.5E-06	0.00	Not Detectable	-	Not Detectable	-	1E-02

E - means . x 10 -

In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

【Definite Report】 Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of Sampling		Fukushima Daiichi West Gate		Fukushima Daini MP - 1				Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm <sup>3</sup> )
Date and Time of Sampling		11:30 am ~ 11:50 am April 15th, 2011		9:33 am ~ 9:40 am April 15th, 2011		3:20 pm ~ 3:28 pm April 15th, 2011		
Detected Nuclide (half-life)		Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
Volatile	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01
	Te-129m (about 34 days)	1.8E-04	0.05	Not Detectable	-	Not Detectable	-	4E-03
	I-131 (about 8 days)	2.2E-04	0.22	4.7E-05	0.05	1.6E-05	0.02	1E-03
	I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-02
	Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	7.6E-05	0.04	Not Detectable	-	8.2E-06	0.00	2E-03
	Cs-136 (about 13 days)	4.6E-06	0.00	Not Detectable	-	Not Detectable	-	1E-02
	Cs-137 (about 30 years)	8.1E-05	0.03	Not Detectable	-	8.9E-06	0.00	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
Particulate	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01
	Te-129m (about 34 days)	1.3E-04	0.03	Not Detectable	-	Not Detectable	-	4E-03
	I-131 (about 8 days)	1.3E-04	0.13	1.9E-05	0.02	1.2E-05	0.01	1E-03
	I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-02
	Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	4.2E-05	0.02	1.0E-05	0.01	6.5E-06	0.00	2E-03
	Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	Cs-137 (about 30 years)	4.2E-05	0.01	1.1E-05	0.00	7.7E-06	0.00	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02

E - means . x 10 -

In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

【Definite Report】 Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of Sampling		Fukushima Daiichi West Gate		Fukushima Daini MP - 1				Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm <sup>3</sup> )
Date and Time of Sampling		11:25 am ~ 11:45 am April 16th, 2011		9:01 am ~ 9:09 am April 16th, 2011		3:47 pm ~ 3:55 pm April 16th, 2011		
Detected Nuclide (half-life)		Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
Volatile	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	2.9E-05	0.00	4E-01
	Te-129m (about 34 days)	4.2E-05	0.01	Not Detectable	-	Not Detectable	-	4E-03
	I-131 (about 8 days)	1.1E-04	0.11	1.2E-05	0.01	1.4E-05	0.01	1E-03
	I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-02
	Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	1.5E-05	0.01	Not Detectable	-	8.8E-06	0.00	2E-03
	Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	Cs-137 (about 30 years)	1.6E-05	0.01	1.8E-05	0.01	9.9E-06	0.00	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
Particulate	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01
	Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-131 (about 8 days)	5.8E-05	0.06	1.1E-05	0.01	1.3E-05	0.01	1E-03
	I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-02
	Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-03
	Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	Cs-137 (about 30 years)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02

. E - means . x 10 -

In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

【Definite Report】 Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of Sampling		Fukushima Daiichi West Gate		Fukushima Daini MP - 1				Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm <sup>3</sup> )
Date and Time of Sampling		11:30 am ~ 11:50 am April 17th, 2011		8:48 am ~ 8:56 am April 17th, 2011		3:47 pm ~ 3:55 pm April 17th, 2011		
Detected Nuclide (half-life)		Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
Volatile	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01
	Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-131 (about 8 days)	5.7E-04	0.57	1.9E-05	0.02	2.1E-05	0.02	1E-03
	I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-02
	Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	1.1E-05	0.01	1.2E-05	0.01	Not Detectable	-	2E-03
	Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	Cs-137 (about 30 years)	Not Detectable	-	1.4E-05	0.00	Not Detectable	-	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
Particulate	Nb-95 (about 35 days)	3.3E-06	0.00	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01
	Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-131 (about 8 days)	3.5E-04	0.35	1.5E-05	0.02	1.4E-05	0.01	1E-03
	I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-02
	Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	1.1E-04	0.06	Not Detectable	-	Not Detectable	-	2E-03
	Cs-136 (about 13 days)	3.0E-06	0.00	Not Detectable	-	Not Detectable	-	1E-02
	Cs-137 (about 30 years)	1.1E-04	0.04	9.6E-06	0.00	Not Detectable	-	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02

E - means . x 10 -

In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

【Definite Report】 Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of Sampling		Fukushima Daiichi West Gate		Fukushima Daini MP - 1				Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm <sup>3</sup> )
Date and Time of Sampling		11:22 am ~ 11:42 am April 18th, 2011		9:31 am ~ 9:39 am April 18th, 2011		4:43 pm ~ 4:51 pm April 18th, 2011		
Detected Nuclide (half-life)		Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
Volatile	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	3.0E-05	0.00	Not Detectable	-	4E-01
	Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-131 (about 8 days)	7.1E-05	0.07	2.1E-05	0.02	2.2E-05	0.02	1E-03
	I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-02
	Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	1.6E-05	0.01	1.0E-05	0.01	1.0E-05	0.01	2E-03
	Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	Cs-137 (about 30 years)	1.4E-05	0.00	1.3E-05	0.00	7.8E-06	0.00	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
Particulate	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01
	Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-131 (about 8 days)	3.2E-05	0.03	1.2E-05	0.01	9.5E-06	0.01	1E-03
	I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-02
	Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	Not Detectable	-	Not Detectable	-	7.1E-06	0.00	2E-03
	Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	Cs-137 (about 30 years)	6.0E-06	0.00	Not Detectable	-	6.6E-06	0.00	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02

E - means . x 10 -

In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

【Definite Report】 Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of Sampling		Fukushima Daiichi West Gate		Fukushima Daini MP - 1				Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm <sup>3</sup> )
Date and Time of Sampling		11:30 am ~ 11:50 am April 19th, 2011		9:39 am ~ 9:46 am April 19th, 2011		3:25 pm ~ 3:33 pm April 19th, 2011		
Detected Nuclide (half-life)		Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
Volatile	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01
	Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-131 (about 8 days)	5.0E-05	0.05	1.5E-05	0.02	1.6E-05	0.02	1E-03
	I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-02
	Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	1.2E-05	0.01	8.0E-06	0.00	9.6E-06	0.00	2E-03
	Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	Cs-137 (about 30 years)	1.4E-05	0.00	1.2E-05	0.00	1.1E-05	0.00	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
Particulate	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01
	Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-131 (about 8 days)	7.5E-05	0.08	6.4E-05	0.06	7.0E-05	0.07	1E-03
	I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-02
	Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	7.3E-06	0.00	Not Detectable	-	Not Detectable	-	2E-03
	Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	Cs-137 (about 30 years)	7.0E-06	0.00	Not Detectable	-	Not Detectable	-	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02

E - means . x 10 -

In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.



【Definite Report】 Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of Sampling		Fukushima Daiichi West Gate		Fukushima Daini MP - 1				Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm <sup>3</sup> )
Date and Time of Sampling		11:30 am ~ 11:50 am April 20th, 2011		9:05 am ~ 9:13 am April 20th, 2011		4:04 pm ~ 4:12 pm April 20th, 2011		
Detected Nuclide (half-life)		Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
Volatile	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	3.2E-05	0.00	4E-01
	Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-131 (about 8 days)	7.0E-05	0.07	1.5E-05	0.02	1.9E-05	0.02	1E-03
	I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-02
	Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	1.5E-05	0.01	8.5E-06	0.00	7.3E-06	0.00	2E-03
	Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	Cs-137 (about 30 years)	1.7E-05	0.01	1.0E-05	0.00	9.9E-06	0.00	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
Particulate	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01
	Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-131 (about 8 days)	3.3E-05	0.03	8.7E-06	0.01	3.3E-05	0.03	1E-03
	I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-02
	Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	8.0E-06	0.00	8.6E-06	0.00	Not Detectable	-	2E-03
	Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	Cs-137 (about 30 years)	9.1E-06	0.00	6.6E-06	0.00	Not Detectable	-	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02

E - means . x 10 -

In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

【Definite Report】 Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of Sampling		Fukushima Daiichi West Gate		Fukushima Daini MP - 1				Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm <sup>3</sup> )
Date and Time of Sampling		11:30 am ~ 11:50 am April 21st, 2011		9:31 am ~ 9:39 am April 21st, 2011		5:24 pm ~ 5:32 pm April 21st, 2011		
Detected Nuclide (half-life)		Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
Volatile	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	2.4E-05	0.00	Not Detectable	-	Not Detectable	-	4E-01
	Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-131 (about 8 days)	7.6E-05	0.08	1.4E-05	0.01	1.4E-05	0.01	1E-03
	I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-02
	Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	1.8E-05	0.01	8.5E-06	0.00	1.2E-05	0.01	2E-03
	Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	Cs-137 (about 30 years)	1.3E-05	0.00	1.2E-05	0.00	1.3E-05	0.00	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
Particulate	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01
	Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-131 (about 8 days)	5.2E-05	0.05	7.8E-06	0.01	2.5E-05	0.03	1E-03
	I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-02
	Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	Not Detectable	-	5.4E-06	0.00	Not Detectable	-	2E-03
	Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	Cs-137 (about 30 years)	7.6E-06	0.00	7.3E-06	0.00	Not Detectable	-	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02

E - means . x 10 -

In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

【Definite Report】 Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of Sampling		Fukushima Daiichi West Gate		Fukushima Daini MP - 1				Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm <sup>3</sup> )
Date and Time of Sampling		11:30 am ~ 11:50 am April 22nd, 2011		9:19 am ~ 9:26 am April 22nd, 2011		3:16 pm ~ 3:24 pm April 22nd, 2011		
Detected Nuclide (half-life)		Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
Volatile	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	2.3E-05	0.00	Not Detectable	-	Not Detectable	-	4E-01
	Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-131 (about 8 days)	3.7E-05	0.04	1.8E-05	0.02	1.3E-05	0.01	1E-03
	I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-02
	Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	8.3E-06	0.00	1.3E-05	0.01	9.7E-06	0.00	2E-03
	Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	Cs-137 (about 30 years)	9.0E-06	0.00	1.4E-05	0.00	7.1E-06	0.00	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
Particulate	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01
	Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-131 (about 8 days)	3.8E-05	0.04	1.8E-05	0.02	9.0E-06	0.01	1E-03
	I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-02
	Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	Not Detectable	-	Not Detectable	-	5.8E-06	0.00	2E-03
	Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	Cs-137 (about 30 years)	6.3E-06	0.00	Not Detectable	-	6.1E-06	0.00	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02

E - means . x 10 -

In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

【Definite Report】 Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of Sampling		Fukushima Daiichi West Gate		Fukushima Daini MP - 1				Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm <sup>3</sup> )
Date and Time of Sampling		11:30 am ~ 11:50 am April 23rd, 2011		9:46 am ~ 9:53 am April 23rd, 2011		4:11 pm ~ 4:19 pm April 23rd, 2011		
Detected Nuclide (half-life)		Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
Volatile	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	2.7E-05	0.00	Not Detectable	-	Not Detectable	-	4E-01
	Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-131 (about 8 days)	4.0E-05	0.04	1.5E-05	0.02	1.4E-05	0.01	1E-03
	I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-02
	Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	1.1E-05	0.01	9.8E-06	0.00	1.1E-05	0.01	2E-03
	Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	Cs-137 (about 30 years)	1.5E-05	0.01	1.1E-05	0.00	1.1E-05	0.00	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
Particulate	Nb-95 (about 35 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-02
	Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-01
	Ag-110m (about 250 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-03
	Te-129 (about 70 minutes)	Not Detectable	-	2.1E-05	0.00	1.9E-05	0.00	4E-01
	Te-129m (about 34 days)	4.9E-05	0.01	Not Detectable	-	Not Detectable	-	4E-03
	I-131 (about 8 days)	2.7E-05	0.03	8.3E-06	0.01	7.5E-06	0.01	1E-03
	I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	7E-02
	Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-03
	I-133 (about 21 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5E-03
	Cs-134 (about 2 years)	1.3E-05	0.01	9.4E-06	0.00	1.0E-05	0.01	2E-03
	Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	Cs-137 (about 30 years)	1.5E-05	0.01	7.7E-06	0.00	8.6E-06	0.00	3E-03
	Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02
	La-140 (about 40 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E-02

E - means . x 10 -

In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.