

TRUE

## 【Definite Report】

## Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations

Place of Sampling : North of administrative building of Fukushima Daiichi NPS

Date of sampling : 2011/3/19 11:53 ~ 2011/3/19 12:13

(Re-evaluation)

Detected Nuclides (Half-life)		①density of sample (Bq/cm <sup>3</sup> )	② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 4 of the appendix 2)	Scaling Factor (①/②)
Co-58 (approx.71days)	Volatile	ND	1E-02	—
	Particulate	ND		—
Zr-95 (approx.64days)	Volatile	ND	5E-03	—
	Particulate	ND		—
Tc-99m (approx.6hrs)	Volatile	ND	7E-01	—
	Particulate	ND		—
Ru-105 (approx.4hrs)	Volatile	ND	8E-02	—
	Particulate	ND		—
Ru-106 (approx.374days)	Volatile	ND	6E-04	—
	Particulate	ND		—
Ag-110m (approx.250days)	Volatile	ND	3E-03	—
	Particulate	ND		—
Sn-113 (approx.115days)	Volatile	ND	1E-02	—
	Particulate	ND		—
Te-129 (approx.70mins)	Volatile	ND	4E-01	—
	Particulate	ND		—
Te-129m (approx.34days)	Volatile	ND	4E-03	—
	Particulate	ND		—
I-131 (about 8 days)	Volatile	5.9E-03	1E-03	5.9
	Particulate	1.1E-03		1.1
I-132 (approx.2hrs)	Volatile	(2) 1.1E-03	7E-02	0.02
	Particulate	3.8E-04		0.01
Te-132 (approx.3days)	Volatile	ND	4E-03	—
	Particulate	3.0E-05		0.01
I-133 (approx.21hrs)	Volatile	3.8E-05	5E-03	0.01
	Particulate	ND		—
Cs-134 (about 2 years)	Volatile	ND	2E-03	—
	Particulate	2.2E-05		0.01
Cs-136 (approx.13days)	Volatile	ND	1E-02	—
	Particulate	ND		—
Cs-137 (about 30 years)	Volatile	ND	3E-03	—
	Particulate	2.4E-05		0.01
La-140 (approx.40hrs)	Volatile	ND	1E-02	—
	Particulate	ND		—
Ce-144 (approx.284days)	Volatile	ND	7E-04	—
	Particulate	ND		—

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

FALSE

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(Re-evaluation)

Detected Nuclides (Half-life)		①density of sample (Bq/cm <sup>3</sup> )	② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 4 of the appendix 2)	Scaling Factor (①/②)
Co-58 (approx.71days)	Volatile	ND	1E-02	—
	Particulate	ND		—
Zr-95 (approx.64days)	Volatile	ND	5E-03	—
	Particulate	ND		—
Tc-99m (approx.6hrs)	Volatile	ND	7E-01	—
	Particulate	ND		—
Ru-105 (approx.4hrs)	Volatile	ND	8E-02	—
	Particulate	ND		—
Ru-106 (approx.374days)	Volatile	ND	6E-04	—
	Particulate	ND		—
Ag-110m (approx.250days)	Volatile	ND	3E-03	—
	Particulate	ND		—
Sn-113 (approx.115days)	Volatile	ND	1E-02	—
	Particulate	ND		—
Te-129 (approx.70mins)	Volatile	ND	4E-01	—
	Particulate	ND		—
Te-129m (approx.34days)	Volatile	ND	4E-03	—
	Particulate	ND		—
I-131 (about 8 days)	Volatile	5.9E-03	1E-03	5.9
	Particulate	1.1E-03		1.1
I-132 (approx.2hrs)	Volatile	ND	7E-02	—
	Particulate	3.8E-04		0.01
Te-132 (approx.3days)	Volatile	ND	4E-03	—
	Particulate	3.0E-05		0.01
I-133 (approx.21hrs)	Volatile	3.8E-05	5E-03	0.01
	Particulate	ND		—
Cs-134 (about 2 years)	Volatile	ND	2E-03	—
	Particulate	2.2E-05		0.01
Cs-136 (approx.13days)	Volatile	ND	1E-02	—
	Particulate	ND		—
Cs-137 (about 30 years)	Volatile	ND	3E-03	—
	Particulate	2.4E-05		0.01
La-140 (approx.40hrs)	Volatile	ND	1E-02	—
	Particulate	ND		—
Ce-144 (approx.284days)	Volatile	ND	7E-04	—
	Particulate	ND		—

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

TRUE

## 【Definite Report】

## Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations

Place of Sampling :

MP-1 of Fukushima Daini NPS

Date of sampling :

2011/3/24 9:47

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2011/3/24 9:55

(Re-evaluation)

Detected Nuclides (Half-life)		①density of sample (Bq/cm <sup>3</sup> )	② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 4 of the appendix 2)	Scaling Factor (①/②)
Co-58 (approx.71days)	Volatile	ND	1E-02	—
	Particulate	ND		—
Zr-95 (approx.64days)	Volatile	ND	5E-03	—
	Particulate	ND		—
Tc-99m (approx.6hrs)	Volatile	ND	7E-01	—
	Particulate	ND		—
Ru-105 (approx.4hrs)	Volatile	ND	8E-02	—
	Particulate	ND		—
Ru-106 (approx.374days)	Volatile	ND	6E-04	—
	Particulate	ND		—
Ag-110m (approx.250days)	Volatile	ND	3E-03	—
	Particulate	ND		—
Sn-113 (approx.115days)	Volatile	ND	1E-02	—
	Particulate	ND		—
Te-129 (approx.70mins)	Volatile	(2) 3.0E-04	4E-01	0.00
	Particulate	1.7E-04		0.00
Te-129m (approx.34days)	Volatile	3.6E-04	4E-03	0.09
	Particulate	2.0E-04		0.05
I-131 (about 8 days)	Volatile	1.9E-04	1E-03	0.19
	Particulate	1.1E-04		0.11
I-132 (approx.2hrs)	Volatile	3.0E-04	7E-02	0.00
	Particulate	1.7E-04		0.00
Te-132 (approx.3days)	Volatile	3.6E-04	4E-03	0.09
	Particulate	2.0E-04		0.05
I-133 (approx.21hrs)	Volatile	ND	5E-03	—
	Particulate	ND		—
Cs-134 (about 2 years)	Volatile	2.8E-05	2E-03	0.01
	Particulate	2.1E-05		0.01
Cs-136 (approx.13days)	Volatile	ND	1E-02	—
	Particulate	ND		—
Cs-137 (about 30 years)	Volatile	3.0E-05	3E-03	0.01
	Particulate	2.0E-05		0.01
La-140 (approx.40hrs)	Volatile	ND	1E-02	—
	Particulate	ND		—
Ce-144 (approx.284days)	Volatile	ND	7E-04	—
	Particulate	ND		—

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

FALSE

## 【Definite Report】

## Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations

Place of Sampling :

MP-1 of Fukushima Daini NPS

Date of sampling :

2011/3/24 9:47

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2011/3/24 9:55

(Re-evaluation)

Detected Nuclides (Half-life)		①density of sample (Bq/cm <sup>3</sup> )	② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 4 of the appendix 2)	Scaling Factor (①/②)
Co-58 (approx.71days)	Volatile	ND	1E-02	—
	Particulate	ND		—
Zr-95 (approx.64days)	Volatile	ND	5E-03	—
	Particulate	ND		—
Tc-99m (approx.6hrs)	Volatile	ND	7E-01	—
	Particulate	ND		—
Ru-105 (approx.4hrs)	Volatile	ND	8E-02	—
	Particulate	ND		—
Ru-106 (approx.374days)	Volatile	ND	6E-04	—
	Particulate	ND		—
Ag-110m (approx.250days)	Volatile	ND	3E-03	—
	Particulate	ND		—
Sn-113 (approx.115days)	Volatile	ND	1E-02	—
	Particulate	ND		—
Te-129 (approx.70mins)	Volatile	ND	4E-01	—
	Particulate	1.7E-04		0.00
Te-129m (approx.34days)	Volatile	3.6E-04	4E-03	0.09
	Particulate	2.0E-04		0.05
I-131 (about 8 days)	Volatile	1.9E-04	1E-03	0.19
	Particulate	1.1E-04		0.11
I-132 (approx.2hrs)	Volatile	3.0E-04	7E-02	0.00
	Particulate	1.7E-04		0.00
Te-132 (approx.3days)	Volatile	3.6E-04	4E-03	0.09
	Particulate	2.0E-04		0.05
I-133 (approx.21hrs)	Volatile	ND	5E-03	—
	Particulate	ND		—
Cs-134 (about 2 years)	Volatile	2.8E-05	2E-03	0.01
	Particulate	2.1E-05		0.01
Cs-136 (approx.13days)	Volatile	ND	1E-02	—
	Particulate	ND		—
Cs-137 (about 30 years)	Volatile	3.0E-05	3E-03	0.01
	Particulate	2.0E-05		0.01
La-140 (approx.40hrs)	Volatile	ND	1E-02	—
	Particulate	ND		—
Ce-144 (approx.284days)	Volatile	ND	7E-04	—
	Particulate	ND		—

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

## 【Definite Report】

## Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations

Place of Sampling :

West Gate of Fukushima Daiichi NPS

Date of sampling :

2011/3/30 2:00

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2011/3/30 2:20

(Re-evaluation)

Detected Nuclides (Half-life)		①density of sample (Bq/cm3)	② Density limit by the announcement of Reactor Regulation (Bq/cm3) (the density limit in the water outside of surrounding monitored areas in the section 4 of the appendix 2)	Scaling Factor (①/②)
Co-58 (approx.71days)	Volatile	ND	1E-02	—
	Particulate	ND		—
Zr-95 (approx.64days)	Volatile	ND	5E-03	—
	Particulate	ND		—
Tc-99m (approx.6hrs)	Volatile	ND	7E-01	—
	Particulate	(2) 1.0E-06		0.00
Ru-105 (approx.4hrs)	Volatile	ND	8E-02	—
	Particulate	ND		—
Ru-106 (approx.374days)	Volatile	ND	6E-04	—
	Particulate	ND		—
Ag-110m (approx.250days)	Volatile	ND	3E-03	—
	Particulate	ND		—
Sn-113 (approx.115days)	Volatile	ND	1E-02	—
	Particulate	ND		—
Te-129 (approx.70mins)	Volatile	ND	4E-01	—
	Particulate	ND		—
Te-129m (approx.34days)	Volatile	1.9E-04	4E-03	0.05
	Particulate	8.3E-05		0.02
I-131 (about 8 days)	Volatile	4.1E-04	1E-03	0.41
	Particulate	1.9E-04		0.19
I-132 (approx.2hrs)	Volatile	ND	7E-02	—
	Particulate	ND		—
Te-132 (approx.3days)	Volatile	5.5E-05	4E-03	0.01
	Particulate	2.8E-05		0.01
I-133 (approx.21hrs)	Volatile	ND	5E-03	—
	Particulate	ND		—
Cs-134 (about 2 years)	Volatile	4.3E-05	2E-03	0.02
	Particulate	2.9E-05		0.01
Cs-136 (approx.13days)	Volatile	4.5E-06	1E-02	0.00
	Particulate	2.4E-06		0.00
Cs-137 (about 30 years)	Volatile	4.0E-05	3E-03	0.01
	Particulate	3.0E-05		0.01
La-140 (approx.40hrs)	Volatile	ND	1E-02	—
	Particulate	ND		—
Ce-144 (approx.284days)	Volatile	ND	7E-04	—
	Particulate	ND		—

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Place of Sampling :

West Gate of Fukushima Daiichi NPS

Date of sampling :

2011/3/30 2:00

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2011/3/30 2:20

(Re-evaluation)

Detected Nuclides (Half-life)		①density of sample (Bq/cm <sup>3</sup> )	② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 4 of the appendix 2)	Scaling Factor (①/②)
Co-58 (approx.71days)	Volatile	ND	1E-02	—
	Particulate	ND		—
Zr-95 (approx.64days)	Volatile	ND	5E-03	—
	Particulate	ND		—
Tc-99m (approx.6hrs)	Volatile	ND	7E-01	—
	Particulate	3.0E-06		0.00
Ru-105 (approx.4hrs)	Volatile	ND	8E-02	—
	Particulate	ND		—
Ru-106 (approx.374days)	Volatile	ND	6E-04	—
	Particulate	ND		—
Ag-110m (approx.250days)	Volatile	ND	3E-03	—
	Particulate	ND		—
Sn-113 (approx.115days)	Volatile	ND	1E-02	—
	Particulate	ND		—
Te-129 (approx.70mins)	Volatile	ND	4E-01	—
	Particulate	ND		—
Te-129m (approx.34days)	Volatile	1.9E-04	4E-03	0.05
	Particulate	8.3E-05		0.02
I-131 (about 8 days)	Volatile	4.1E-04	1E-03	0.41
	Particulate	1.9E-04		0.19
I-132 (approx.2hrs)	Volatile	ND	7E-02	—
	Particulate	ND		—
Te-132 (approx.3days)	Volatile	5.5E-05	4E-03	0.01
	Particulate	2.8E-05		0.01
I-133 (approx.21hrs)	Volatile	ND	5E-03	—
	Particulate	ND		—
Cs-134 (about 2 years)	Volatile	4.3E-05	2E-03	0.02
	Particulate	2.9E-05		0.01
Cs-136 (approx.13days)	Volatile	4.5E-06	1E-02	0.00
	Particulate	2.4E-06		0.00
Cs-137 (about 30 years)	Volatile	4.0E-05	3E-03	0.01
	Particulate	3.0E-05		0.01
La-140 (approx.40hrs)	Volatile	ND	1E-02	—
	Particulate	ND		—
Ce-144 (approx.284days)	Volatile	ND	7E-04	—
	Particulate	ND		—

\* O.OE-O has same meaning as O.O×10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

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## Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations

Place of Sampling :

MP-1 of Fukushima Daini NPS

Date of sampling :

2011/3/30 9:27

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2011/3/30 9:35

(Re-evaluation)

Detected Nuclides (Half-life)		①density of sample (Bq/cm3)	② Density limit by the announcement of Reactor Regulation (Bq/cm3) (the density limit in the water outside of surrounding monitored areas in the section 4 of the appendix 2)	Scaling Factor (①/②)
Co-58 (approx.71days)	Volatile	ND	1E-02	—
	Particulate	ND		—
Zr-95 (approx.64days)	Volatile	ND	5E-03	—
	Particulate	ND		—
Tc-99m (approx.6hrs)	Volatile	ND	7E-01	—
	Particulate	4.4E-05		0.00
Ru-105 (approx.4hrs)	Volatile	ND	8E-02	—
	Particulate	ND		—
Ru-106 (approx.374days)	Volatile	ND	6E-04	—
	Particulate	ND		—
Ag-110m (approx.250days)	Volatile	ND	3E-03	—
	Particulate	9.8E-06		0.00
Sn-113 (approx.115days)	Volatile	ND	1E-02	—
	Particulate	ND		—
Te-129 (approx.70mins)	Volatile	ND	4E-01	—
	Particulate	(2) ND		—
Te-129m (approx.34days)	Volatile	3.6E-04	4E-03	0.09
	Particulate	3.0E-04		0.08
I-131 (about 8 days)	Volatile	8.1E-04	1E-03	0.81
	Particulate	6.8E-04		0.68
I-132 (approx.2hrs)	Volatile	3.3E-04	7E-02	0.00
	Particulate	2.3E-04		0.00
Te-132 (approx.3days)	Volatile	8.4E-05	4E-03	0.02
	Particulate	1.2E-04		0.03
I-133 (approx.21hrs)	Volatile	ND	5E-03	—
	Particulate	ND		—
Cs-134 (about 2 years)	Volatile	8.2E-05	2E-03	0.04
	Particulate	8.7E-04		0.44
Cs-136 (approx.13days)	Volatile	6.2E-06	1E-02	0.00
	Particulate	3.8E-05		0.00
Cs-137 (about 30 years)	Volatile	7.4E-05	3E-03	0.02
	Particulate	8.2E-04		0.27
La-140 (approx.40hrs)	Volatile	ND	1E-02	—
	Particulate	3.3E-06		0.00
Ce-144 (approx.284days)	Volatile	ND	7E-04	—
	Particulate	ND		—

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

FALSE

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## Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations

Place of Sampling :

MP-1 of Fukushima Daini NPS

Date of sampling :

2011/3/30 9:27

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2011/3/30 9:35

(Re-evaluation)

Detected Nuclides (Half-life)		①density of sample (Bq/cm <sup>3</sup> )	② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 4 of the appendix 2)	Scaling Factor (①/②)
Co-58 (approx.71days)	Volatile	ND	1E-02	—
	Particulate	ND		—
Zr-95 (approx.64days)	Volatile	ND	5E-03	—
	Particulate	ND		—
Tc-99m (approx.6hrs)	Volatile	ND	7E-01	—
	Particulate	4.4E-05		0.00
Ru-105 (approx.4hrs)	Volatile	ND	8E-02	—
	Particulate	ND		—
Ru-106 (approx.374days)	Volatile	ND	6E-04	—
	Particulate	ND		—
Ag-110m (approx.250days)	Volatile	ND	3E-03	—
	Particulate	9.8E-06		0.00
Sn-113 (approx.115days)	Volatile	ND	1E-02	—
	Particulate	ND		—
Te-129 (approx.70mins)	Volatile	ND	4E-01	—
	Particulate	5.1E-04		0.00
Te-129m (approx.34days)	Volatile	3.6E-04	4E-03	0.09
	Particulate	3.0E-04		0.08
I-131 (about 8 days)	Volatile	8.1E-04	1E-03	0.81
	Particulate	6.8E-04		0.68
I-132 (approx.2hrs)	Volatile	3.3E-04	7E-02	0.00
	Particulate	2.3E-04		0.00
Te-132 (approx.3days)	Volatile	8.4E-05	4E-03	0.02
	Particulate	1.2E-04		0.03
I-133 (approx.21hrs)	Volatile	ND	5E-03	—
	Particulate	ND		—
Cs-134 (about 2 years)	Volatile	8.2E-05	2E-03	0.04
	Particulate	8.7E-04		0.44
Cs-136 (approx.13days)	Volatile	6.2E-06	1E-02	0.00
	Particulate	3.8E-05		0.00
Cs-137 (about 30 years)	Volatile	7.4E-05	3E-03	0.02
	Particulate	8.2E-04		0.27
La-140 (approx.40hrs)	Volatile	ND	1E-02	—
	Particulate	3.3E-06		0.00
Ce-144 (approx.284days)	Volatile	ND	7E-04	—
	Particulate	ND		—

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.



TRUE

## 【Definite Report】

## Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations

Place of Sampling		West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini NPS				② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> )
Time of Sampling		2011/4/4 2:22 ~ 2:42		2011/4/4 9:29 ~ 9:37		2011/4/4 16:06 ~ 16:14		
Detected Nuclides (Half-life)		①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
Volatile	Nb-95 (approx.35days)	ND	—	ND	—	ND	—	2E-02
	Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	7E-01
	Ag-110m (approx.250days)	ND	—	ND	—	ND	—	3E-03
	Te-129 (approx.70mins)	ND	—	ND	—	ND	—	4E-01
	Te-129m (approx.34days)	7.8E-05	0.02	ND	—	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 (approx.2hrs)	ND	—	ND	—	1.2E-05	0.00	7E-02
	Te-132 (approx.3days)	6.9E-06	0.00	ND	—	1.1E-05	0.00	4E-03
	I-133 (approx.21hrs)	ND	—	ND	—	ND	—	5E-03
	Cs-134 (about 2 years)	2.5E-05	0.01	ND	—	3.7E-05	0.02	2E-03
	Cs-136 (approx.13days)	1.5E-06	0.00	ND	—	2.3E-06	0.00	1E-02
	Cs-137 (about 30 years)	2.8E-05	0.01	ND	—	3.8E-05	0.01	3E-03
	Ba-140 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	La-140 (approx.40hrs)	ND	—	ND	—	ND	—	1E-02
Particulate	Nb-95 (approx.35days)	ND	—	ND	—	ND	—	2E-02
	Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	7E-01
	Ag-110m (approx.250days)	ND	—	ND	—	ND	—	3E-03
	Te-129 (approx.70mins)	ND	—	ND	—	ND	—	4E-01
	Te-129m (approx.34days)	3.9E-05	0.01	ND	—	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 (approx.2hrs)	ND	—	ND	—	(2) ND	—	7E-02
	Te-132 (approx.3days)	4.6E-06	0.00	ND	—	(2) 6.1E-06	0.00	4E-03
	I-133 (approx.21hrs)	ND	—	ND	—	ND	—	5E-03
	Cs-134 (about 2 years)	1.5E-05	0.01	ND	—	2.5E-05	0.01	2E-03
	Cs-136 (approx.13days)	9.4E-07	0.00	ND	—	1.4E-06	0.00	1E-02
	Cs-137 (about 30 years)	1.6E-05	0.01	ND	—	2.5E-05	0.01	3E-03
	Ba-140 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	La-140 (approx.40hrs)	ND	—	ND	—	ND	—	1E-02

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared w

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## 【Definite Report】

## Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations

Place of Sampling		West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini NPS				② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> )
Time of Sampling		2011/4/4 2:22 ~ 2:42		2011/4/4 9:29 ~ 9:37		2011/4/4 16:06 ~ 16:14		
Detected Nuclides (Half-life)		①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
Volatile	Nb-95 (approx.35days)	ND	—	ND	—	ND	—	2E-02
	Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	7E-01
	Ag-110m (approx.250days)	ND	—	ND	—	ND	—	3E-03
	Te-129 (approx.70mins)	ND	—	ND	—	ND	—	4E-01
	Te-129m (approx.34days)	7.8E-05	0.02	ND	—	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 (approx.2hrs)	ND	—	ND	—	1.2E-05	0.00	7E-02
	Te-132 (approx.3days)	6.9E-06	0.00	ND	—	1.1E-05	0.00	4E-03
	I-133 (approx.21hrs)	ND	—	ND	—	ND	—	5E-03
	Cs-134 (about 2 years)	2.5E-05	0.01	ND	—	3.7E-05	0.02	2E-03
	Cs-136 (approx.13days)	1.5E-06	0.00	ND	—	2.3E-06	0.00	1E-02
	Cs-137 (about 30 years)	2.8E-05	0.01	ND	—	3.8E-05	0.01	3E-03
	Ba-140 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	La-140 (approx.40hrs)	ND	—	ND	—	ND	—	1E-02
Particulate	Nb-95 (approx.35days)	ND	—	ND	—	ND	—	2E-02
	Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	7E-01
	Ag-110m (approx.250days)	ND	—	ND	—	ND	—	3E-03
	Te-129 (approx.70mins)	ND	—	ND	—	ND	—	4E-01
	Te-129m (approx.34days)	3.9E-05	0.01	ND	—	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 (approx.2hrs)	ND	—	ND	—	6.1E-06	0.00	7E-02
	Te-132 (approx.3days)	4.6E-06	0.00	ND	—	ND	—	4E-03
	I-133 (approx.21hrs)	ND	—	ND	—	ND	—	5E-03
	Cs-134 (about 2 years)	1.5E-05	0.01	ND	—	2.5E-05	0.01	2E-03
	Cs-136 (approx.13days)	9.4E-07	0.00	ND	—	1.4E-06	0.00	1E-02
	Cs-137 (about 30 years)	1.6E-05	0.01	ND	—	2.5E-05	0.01	3E-03
	Ba-140 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	La-140 (approx.40hrs)	ND	—	ND	—	ND	—	1E-02

\* O.OE-O has same meaning as O.Ox10-O.

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## 【Definite Report】

## Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations

Place of Sampling		West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini NPS				② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> )
Time of Sampling		2011/4/12 2:00 ~ 2:20		2011/4/12 9:09 ~ 9:16		2011/4/12 15:39 ~ 15:47		
Detected Nuclides (Half-life)		①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
Volatile	Nb-95 (approx.35days)	ND	—	ND	—	ND	—	2E-02
	Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	7E-01
	Ag-110m (approx.250days)	ND	—	ND	—	ND	—	3E-03
	Te-129 (approx.70mins)	ND	—	ND	—	ND	—	4E-01
	Te-129m (approx.34days)	7.3E-05	0.02	ND	—	ND	—	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 (approx.2hrs)	ND	—	ND	—	ND	—	7E-02
	Te-132 (approx.3days)	1.9E-06	0.00	1.9E-06	0.00	ND	—	4E-03
	I-133 (approx.21hrs)	ND	—	ND	—	ND	—	5E-03
	Cs-134 (about 2 years)	2.2E-05	0.01	1.2E-05	0.01	ND	—	2E-03
	Cs-136 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	Cs-137 (about 30 years)	2.9E-05	0.01	7.9E-06	0.00	ND	—	3E-03
	Ba-140 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	La-140 (approx.40hrs)	ND	—	ND	—	ND	—	1E-02
Particulate	Nb-95 (approx.35days)	ND	—	ND	—	ND	—	2E-02
	Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	7E-01
	Ag-110m (approx.250days)	ND	—	ND	—	ND	—	3E-03
	Te-129 (approx.70mins)	ND	—	ND	—	ND	—	4E-01
	Te-129m (approx.34days)	8.0E-05	0.02	4.6E-05	0.01	ND	—	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 (approx.2hrs)	ND	—	ND	—	ND	—	7E-02
	Te-132 (approx.3days)	1.9E-06	0.00	ND	—	ND	—	4E-03
	I-133 (approx.21hrs)	ND	—	ND	—	ND	—	5E-03
	Cs-134 (about 2 years)	3.3E-05	0.02	1.1E-05	0.01	ND	—	2E-03
	Cs-136 (approx.13days)	(2) ND	—	ND	—	ND	—	1E-02
	Cs-137 (about 30 years)	3.8E-05	0.01	9.4E-06	0.00	ND	—	3E-03
	Ba-140 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	La-140 (approx.40hrs)	ND	—	ND	—	ND	—	1E-02

\* O.OE-O has same meaning as O.Ox10-O.

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FALSE

## 【Definite Report】

## Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations

Place of Sampling		West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini NPS				② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> )
Time of Sampling		2011/4/12 2:00 ~ 2:20		2011/4/12 9:09 ~ 9:16		2011/4/12 15:39 ~ 15:47		
Detected Nuclides (Half-life)		①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
Volatile	Nb-95 (approx.35days)	ND	—	ND	—	ND	—	2E-02
	Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	7E-01
	Ag-110m (approx.250days)	ND	—	ND	—	ND	—	3E-03
	Te-129 (approx.70mins)	ND	—	ND	—	ND	—	4E-01
	Te-129m (approx.34days)	7.3E-05	0.02	ND	—	ND	—	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 (approx.2hrs)	ND	—	ND	—	ND	—	7E-02
	Te-132 (approx.3days)	1.9E-06	0.00	1.9E-06	0.00	ND	—	4E-03
	I-133 (approx.21hrs)	ND	—	ND	—	ND	—	5E-03
	Cs-134 (about 2 years)	2.2E-05	0.01	1.2E-05	0.01	ND	—	2E-03
	Cs-136 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	Cs-137 (about 30 years)	2.9E-05	0.01	7.9E-06	0.00	ND	—	3E-03
	Ba-140 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	La-140 (approx.40hrs)	ND	—	ND	—	ND	—	1E-02
Particulate	Nb-95 (approx.35days)	ND	—	ND	—	ND	—	2E-02
	Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	7E-01
	Ag-110m (approx.250days)	ND	—	ND	—	ND	—	3E-03
	Te-129 (approx.70mins)	ND	—	ND	—	ND	—	4E-01
	Te-129m (approx.34days)	8.0E-05	0.02	4.6E-05	0.01	ND	—	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 (approx.2hrs)	ND	—	ND	—	ND	—	7E-02
	Te-132 (approx.3days)	1.9E-06	0.00	ND	—	ND	—	4E-03
	I-133 (approx.21hrs)	ND	—	ND	—	ND	—	5E-03
	Cs-134 (about 2 years)	3.3E-05	0.02	1.1E-05	0.01	ND	—	2E-03
	Cs-136 (approx.13days)	8.9E-07	0.00	ND	—	ND	—	1E-02
	Cs-137 (about 30 years)	3.8E-05	0.01	9.4E-06	0.00	ND	—	3E-03
	Ba-140 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	La-140 (approx.40hrs)	ND	—	ND	—	ND	—	1E-02

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared w

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## 【Definite Report】

## Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations

Place of Sampling		West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini NPS				② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> )
Time of Sampling		2011/4/14 11:25 ~ 11:45		2011/4/14 9:27 ~ 9:34		2011/4/14 15:34 ~ 15:42		
Detected Nuclides (Half-life)		①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
Volatile	Nb-95 (approx.35days)	ND	—	ND	—	ND	—	2E-02
	Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	7E-01
	Ag-110m (approx.250days)	ND	—	ND	—	ND	—	3E-03
	Te-129 (approx.70mins)	ND	—	3.2E-05	0.00	ND	—	4E-01
	Te-129m (approx.34days)	2.4E-04	0.06	ND	—	ND	—	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 (approx.2hrs)	(2) 1.5E-05	0.00	ND	—	ND	—	7E-02
	Te-132 (approx.3days)	ND	—	ND	—	ND	—	4E-03
	I-133 (approx.21hrs)	ND	—	ND	—	ND	—	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 (approx.13days)	3.6E-06	0.00	ND	—	ND	—	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 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	La-140 (approx.40hrs)	ND	—	ND	—	ND	—	1E-02
Particulate	Nb-95 (approx.35days)	2.8E-06	0.00	ND	—	ND	—	2E-02
	Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	7E-01
	Ag-110m (approx.250days)	ND	—	ND	—	ND	—	3E-03
	Te-129 (approx.70mins)	ND	—	ND	—	ND	—	4E-01
	Te-129m (approx.34days)	2.3E-04	0.06	ND	—	ND	—	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 (approx.2hrs)	(2) 9.4E-06	0.00	ND	—	ND	—	7E-02
	Te-132 (approx.3days)	ND	—	ND	—	ND	—	4E-03
	I-133 (approx.21hrs)	ND	—	ND	—	ND	—	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 (approx.13days)	4.8E-06	0.00	ND	—	ND	—	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 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	La-140 (approx.40hrs)	2.5E-06	0.00	ND	—	ND	—	1E-02

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared w

FALSE

【Definite Report】

Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations

Place of Sampling		West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini NPS				② Density limit by the announcement of Reactor Regulation (Bq/cm3)
Time of Sampling		2011/4/14 11:25 ~ 11:45		2011/4/14 9:27 ~ 9:34		2011/4/14 15:34 ~ 15:42		
Detected Nuclides (Half-life)		①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
Volatile	Nb-95 (approx.35days)	ND	—	ND	—	ND	—	2E-02
	Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	7E-01
	Ag-110m (approx.250days)	ND	—	ND	—	ND	—	3E-03
	Te-129 (approx.70mins)	ND	—	3.2E-05	0.00	ND	—	4E-01
	Te-129m (approx.34days)	2.4E-04	0.06	ND	—	ND	—	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 (approx.2hrs)	ND	—	ND	—	ND	—	7E-02
	Te-132 (approx.3days)	ND	—	ND	—	ND	—	4E-03
	I-133 (approx.21hrs)	ND	—	ND	—	ND	—	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 (approx.13days)	3.6E-06	0.00	ND	—	ND	—	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 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	La-140 (approx.40hrs)	ND	—	ND	—	ND	—	1E-02
Particulate	Nb-95 (approx.35days)	2.8E-06	0.00	ND	—	ND	—	2E-02
	Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	7E-01
	Ag-110m (approx.250days)	ND	—	ND	—	ND	—	3E-03
	Te-129 (approx.70mins)	ND	—	ND	—	ND	—	4E-01
	Te-129m (approx.34days)	2.3E-04	0.06	ND	—	ND	—	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 (approx.2hrs)	ND	—	ND	—	ND	—	7E-02
	Te-132 (approx.3days)	ND	—	ND	—	ND	—	4E-03
	I-133 (approx.21hrs)	ND	—	ND	—	ND	—	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 (approx.13days)	4.8E-06	0.00	ND	—	ND	—	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 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	La-140 (approx.40hrs)	2.5E-06	0.00	ND	—	ND	—	1E-02

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## 【Definite Report】

## Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations

Place of Sampling	West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini NPS				② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> )	
	2011/4/17 11:30 ~ 11:50		2011/4/17 8:48 ~ 8:56		2011/4/17 15:47 ~ 15:55			
Detected Nuclides (Half-life)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)		
Volatile	Nb-95 (approx.35days)	ND	—	ND	—	ND	—	2E-02
	Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	7E-01
	Ag-110m (approx.250days)	ND	—	ND	—	ND	—	3E-03
	Te-129 (approx.70mins)	ND	—	ND	—	ND	—	4E-01
	Te-129m (approx.34days)	ND	—	ND	—	ND	—	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 (approx.2hrs)	(2) 1.1E-05	0.00	ND	—	ND	—	7E-02
	Te-132 (approx.3days)	ND	—	ND	—	ND	—	4E-03
	I-133 (approx.21hrs)	ND	—	ND	—	ND	—	5E-03
	Cs-134 (about 2 years)	1.1E-05	0.01	1.2E-05	0.01	ND	—	2E-03
	Cs-136 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	Cs-137 (about 30 years)	ND	—	1.4E-05	0.00	ND	—	3E-03
	Ba-140 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	La-140 (approx.40hrs)	ND	—	ND	—	ND	—	1E-02
Particulate	Nb-95 (approx.35days)	3.3E-06	0.00	ND	—	ND	—	2E-02
	Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	7E-01
	Ag-110m (approx.250days)	ND	—	ND	—	ND	—	3E-03
	Te-129 (approx.70mins)	ND	—	ND	—	ND	—	4E-01
	Te-129m (approx.34days)	ND	—	ND	—	ND	—	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 (approx.2hrs)	(2) 1.2E-05	0.00	ND	—	ND	—	7E-02
	Te-132 (approx.3days)	ND	—	ND	—	ND	—	4E-03
	I-133 (approx.21hrs)	ND	—	ND	—	ND	—	5E-03
	Cs-134 (about 2 years)	1.1E-04	0.06	ND	—	ND	—	2E-03
	Cs-136 (approx.13days)	3.0E-06	0.00	ND	—	ND	—	1E-02
	Cs-137 (about 30 years)	1.1E-04	0.04	9.6E-06	0.00	ND	—	3E-03
	Ba-140 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	La-140 (approx.40hrs)	ND	—	ND	—	ND	—	1E-02

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared w

FALSE

## 【Definite Report】

## Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations

Place of Sampling		West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini NPS				② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> )
Time of Sampling		2011/4/17 11:30 ~ 11:50		2011/4/17 8:48 ~ 8:56		2011/4/17 15:47 ~ 15:55		
Detected Nuclides (Half-life)		①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
Volatile	Nb-95 (approx.35days)	ND	—	ND	—	ND	—	2E-02
	Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	7E-01
	Ag-110m (approx.250days)	ND	—	ND	—	ND	—	3E-03
	Te-129 (approx.70mins)	ND	—	ND	—	ND	—	4E-01
	Te-129m (approx.34days)	ND	—	ND	—	ND	—	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 (approx.2hrs)	ND	—	ND	—	ND	—	7E-02
	Te-132 (approx.3days)	ND	—	ND	—	ND	—	4E-03
	I-133 (approx.21hrs)	ND	—	ND	—	ND	—	5E-03
	Cs-134 (about 2 years)	1.1E-05	0.01	1.2E-05	0.01	ND	—	2E-03
	Cs-136 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	Cs-137 (about 30 years)	ND	—	1.4E-05	0.00	ND	—	3E-03
	Ba-140 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	La-140 (approx.40hrs)	ND	—	ND	—	ND	—	1E-02
Particulate	Nb-95 (approx.35days)	3.3E-06	0.00	ND	—	ND	—	2E-02
	Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	7E-01
	Ag-110m (approx.250days)	ND	—	ND	—	ND	—	3E-03
	Te-129 (approx.70mins)	ND	—	ND	—	ND	—	4E-01
	Te-129m (approx.34days)	ND	—	ND	—	ND	—	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 (approx.2hrs)	ND	—	ND	—	ND	—	7E-02
	Te-132 (approx.3days)	ND	—	ND	—	ND	—	4E-03
	I-133 (approx.21hrs)	ND	—	ND	—	ND	—	5E-03
	Cs-134 (about 2 years)	1.1E-04	0.06	ND	—	ND	—	2E-03
	Cs-136 (approx.13days)	3.0E-06	0.00	ND	—	ND	—	1E-02
	Cs-137 (about 30 years)	1.1E-04	0.04	9.6E-06	0.00	ND	—	3E-03
	Ba-140 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	La-140 (approx.40hrs)	ND	—	ND	—	ND	—	1E-02

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared w



TRUE

## 【Definite Report】

## Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations

Place of Sampling		West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini NPS				② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> )
Time of Sampling		2011/4/23 11:30 ~ 11:50		2011/4/23 9:46 ~ 9:53		2011/4/23 16:11 ~ 16:19		
Detected Nuclides (Half-life)		①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
Volatile	Nb-95 (approx.35days)	ND	—	ND	—	ND	—	2E-02
	Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	7E-01
	Ag-110m (approx.250days)	ND	—	ND	—	ND	—	3E-03
	Te-129 (approx.70mins)	2.7E-05	0.00	ND	—	ND	—	4E-01
	Te-129m (approx.34days)	ND	—	ND	—	ND	—	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 (approx.2hrs)	ND	—	ND	—	ND	—	7E-02
	Te-132 (approx.3days)	ND	—	ND	—	ND	—	4E-03
	I-133 (approx.21hrs)	ND	—	ND	—	ND	—	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 (approx.13days)	ND	—	ND	—	ND	—	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 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	La-140 (approx.40hrs)	ND	—	ND	—	ND	—	1E-02
Particulate	Nb-95 (approx.35days)	ND	—	ND	—	ND	—	2E-02
	Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	7E-01
	Ag-110m (approx.250days)	ND	—	ND	—	ND	—	3E-03
	Te-129 (approx.70mins)	ND	—	2.1E-05	0.00	(2) ND	—	4E-01
	Te-129m (approx.34days)	4.9E-05	0.01	ND	—	(2) 3.7E-05	0.01	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 (approx.2hrs)	ND	—	ND	—	ND	—	7E-02
	Te-132 (approx.3days)	ND	—	ND	—	ND	—	4E-03
	I-133 (approx.21hrs)	ND	—	ND	—	ND	—	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 (approx.13days)	ND	—	ND	—	ND	—	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 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	La-140 (approx.40hrs)	ND	—	ND	—	ND	—	1E-02

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with

FALSE

## 【Definite Report】

## Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations

Place of Sampling		West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini NPS				② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> )
Time of Sampling		2011/4/23 11:30 ~ 11:50		2011/4/23 9:46 ~ 9:53		2011/4/23 16:11 ~ 16:19		
Detected Nuclides (Half-life)		①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
Volatile	Nb-95 (approx.35days)	ND	—	ND	—	ND	—	2E-02
	Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	7E-01
	Ag-110m (approx.250days)	ND	—	ND	—	ND	—	3E-03
	Te-129 (approx.70mins)	2.7E-05	0.00	ND	—	ND	—	4E-01
	Te-129m (approx.34days)	ND	—	ND	—	ND	—	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 (approx.2hrs)	ND	—	ND	—	ND	—	7E-02
	Te-132 (approx.3days)	ND	—	ND	—	ND	—	4E-03
	I-133 (approx.21hrs)	ND	—	ND	—	ND	—	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 (approx.13days)	ND	—	ND	—	ND	—	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 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	La-140 (approx.40hrs)	ND	—	ND	—	ND	—	1E-02
Particulate	Nb-95 (approx.35days)	ND	—	ND	—	ND	—	2E-02
	Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	7E-01
	Ag-110m (approx.250days)	ND	—	ND	—	ND	—	3E-03
	Te-129 (approx.70mins)	ND	—	2.1E-05	0.00	1.9E-05	0.00	4E-01
	Te-129m (approx.34days)	4.9E-05	0.01	ND	—	ND	—	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 (approx.2hrs)	ND	—	ND	—	ND	—	7E-02
	Te-132 (approx.3days)	ND	—	ND	—	ND	—	4E-03
	I-133 (approx.21hrs)	ND	—	ND	—	ND	—	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 (approx.13days)	ND	—	ND	—	ND	—	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 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	La-140 (approx.40hrs)	ND	—	ND	—	ND	—	1E-02

\* 0.OE-0 has same meaning as 0.Ox10-0.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared w

TRUE

## 【Definite Report】

## Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations

Place of Sampling		West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini NPS				② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 4 of the appendix 2)
Time of Sampling		2011/4/26 11:25 ~ 11:45		2011/4/26 9:9 ~ 9:16		2011/4/26 15:20 ~ 15:27		
Detected Nuclides (Half-life)		①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
Volatile	Nb-95 (approx.35days)	ND	—	ND	—	ND	—	2E-02
	Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	7E-01
	Ag-110m (approx.250days)	ND	—	ND	—	ND	—	3E-03
	Te-129 (approx.70mins)	ND	—	(2) 3.3E-05	0.00	ND	—	4E-01
	Te-129m (approx.34days)	ND	—	ND	—	ND	—	4E-03
	I-131 (about 8 days)	5.0E-05	0.05	1.1E-05	0.01	1.1E-05	0.01	1E-03
	I-132 (approx.2hrs)	ND	—	ND	—	ND	—	7E-02
	Te-132 (approx.3days)	ND	—	ND	—	ND	—	4E-03
	I-133 (approx.21hrs)	ND	—	ND	—	ND	—	5E-03
	Cs-134 (about 2 years)	1.2E-05	0.01	9.8E-06	0.00	9.5E-06	0.00	2E-03
	Cs-136 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	Cs-137 (about 30 years)	1.4E-05	0.00	1.1E-05	0.00	1.5E-05	0.01	3E-03
	Ba-140 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	La-140 (approx.40hrs)	ND	—	ND	—	ND	—	1E-02
Particulate	Nb-95 (approx.35days)	ND	—	ND	—	ND	—	2E-02
	Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	7E-01
	Ag-110m (approx.250days)	ND	—	ND	—	ND	—	3E-03
	Te-129 (approx.70mins)	ND	—	ND	—	ND	—	4E-01
	Te-129m (approx.34days)	ND	—	ND	—	ND	—	4E-03
	I-131 (about 8 days)	4.0E-05	0.04	5.6E-06	0.01	9.5E-06	0.01	1E-03
	I-132 (approx.2hrs)	ND	—	ND	—	ND	—	7E-02
	Te-132 (approx.3days)	ND	—	ND	—	ND	—	4E-03
	I-133 (approx.21hrs)	ND	—	ND	—	ND	—	5E-03
	Cs-134 (about 2 years)	9.7E-06	0.00	3.6E-06	0.00	ND	—	2E-03
	Cs-136 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	Cs-137 (about 30 years)	1.0E-05	0.00	6.1E-06	0.00	ND	—	3E-03
	Ba-140 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	La-140 (approx.40hrs)	ND	—	ND	—	ND	—	1E-02

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared w

FALSE

【Definite Report】

Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations

Place of Sampling		West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini NPS				② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 4 of the appendix 2)
Time of Sampling		2011/4/26 11:25 ~ 11:45		2011/4/26 9:9 ~ 9:16		2011/4/26 15:20 ~ 15:27		
Detected Nuclides (Half-life)		①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
Volatile	Nb-95 (approx.35days)	ND	—	ND	—	ND	—	2E-02
	Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	7E-01
	Ag-110m (approx.250days)	ND	—	ND	—	ND	—	3E-03
	Te-129 (approx.70mins)	ND	—	ND	—	ND	—	4E-01
	Te-129m (approx.34days)	ND	—	ND	—	ND	—	4E-03
	I-131 (about 8 days)	5.0E-05	0.05	1.1E-05	0.01	1.1E-05	0.01	1E-03
	I-132 (approx.2hrs)	ND	—	ND	—	ND	—	7E-02
	Te-132 (approx.3days)	ND	—	ND	—	ND	—	4E-03
	I-133 (approx.21hrs)	ND	—	ND	—	ND	—	5E-03
	Cs-134 (about 2 years)	1.2E-05	0.01	9.8E-06	0.00	9.5E-06	0.00	2E-03
	Cs-136 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	Cs-137 (about 30 years)	1.4E-05	0.00	1.1E-05	0.00	1.5E-05	0.01	3E-03
	Ba-140 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	La-140 (approx.40hrs)	ND	—	ND	—	ND	—	1E-02
Particulate	Nb-95 (approx.35days)	ND	—	ND	—	ND	—	2E-02
	Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	7E-01
	Ag-110m (approx.250days)	ND	—	ND	—	ND	—	3E-03
	Te-129 (approx.70mins)	ND	—	ND	—	ND	—	4E-01
	Te-129m (approx.34days)	ND	—	ND	—	ND	—	4E-03
	I-131 (about 8 days)	4.0E-05	0.04	5.6E-06	0.01	9.5E-06	0.01	1E-03
	I-132 (approx.2hrs)	ND	—	ND	—	ND	—	7E-02
	Te-132 (approx.3days)	ND	—	ND	—	ND	—	4E-03
	I-133 (approx.21hrs)	ND	—	ND	—	ND	—	5E-03
	Cs-134 (about 2 years)	9.7E-06	0.00	3.6E-06	0.00	ND	—	2E-03
	Cs-136 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	Cs-137 (about 30 years)	1.0E-05	0.00	6.1E-06	0.00	ND	—	3E-03
	Ba-140 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	La-140 (approx.40hrs)	ND	—	ND	—	ND	—	1E-02

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared w

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## 【Definite Report】

## Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations

Place of Sampling		West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini NPS				② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 4 of the appendix 2)
Time of Sampling		2011/4/27 11:27 ~ 11:47		2011/4/27 9:22 ~ 9:30		2011/4/27 15:27 ~ 15:35		
Detected Nuclides (Half-life)		①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
Volatile	Nb-95 (approx.35days)	ND	—	ND	—	ND	—	2E-02
	Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	7E-01
	Ag-110m (approx.250days)	ND	—	ND	—	ND	—	3E-03
	Te-129 (approx.70mins)	ND	—	(2) 3.5E-05	0.00	ND	—	4E-01
	Te-129m (approx.34days)	ND	—	ND	—	ND	—	4E-03
	I-131 (about 8 days)	5.1E-05	0.05	8.9E-06	0.01	5.2E-06	0.01	1E-03
	I-132 (approx.2hrs)	ND	—	ND	—	ND	—	7E-02
	Te-132 (approx.3days)	ND	—	ND	—	ND	—	4E-03
	I-133 (approx.21hrs)	ND	—	ND	—	ND	—	5E-03
	Cs-134 (about 2 years)	ND	—	9.0E-06	0.00	1.3E-05	0.01	2E-03
	Cs-136 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	Cs-137 (about 30 years)	1.2E-05	0.00	1.0E-05	0.00	1.5E-05	0.01	3E-03
	Ba-140 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	La-140 (approx.40hrs)	ND	—	ND	—	ND	—	1E-02
Particulate	Nb-95 (approx.35days)	ND	—	ND	—	ND	—	2E-02
	Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	7E-01
	Ag-110m (approx.250days)	ND	—	ND	—	ND	—	3E-03
	Te-129 (approx.70mins)	ND	—	ND	—	ND	—	4E-01
	Te-129m (approx.34days)	ND	—	ND	—	ND	—	4E-03
	I-131 (about 8 days)	4.7E-05	0.05	4.0E-06	0.00	4.8E-06	0.00	1E-03
	I-132 (approx.2hrs)	ND	—	ND	—	ND	—	7E-02
	Te-132 (approx.3days)	ND	—	ND	—	ND	—	4E-03
	I-133 (approx.21hrs)	ND	—	ND	—	ND	—	5E-03
	Cs-134 (about 2 years)	1.3E-05	0.01	7.0E-06	0.00	6.6E-06	0.00	2E-03
	Cs-136 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	Cs-137 (about 30 years)	1.3E-05	0.00	6.4E-06	0.00	8.3E-06	0.00	3E-03
	Ba-140 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	La-140 (approx.40hrs)	ND	—	ND	—	ND	—	1E-02

\* O.OE-O has same meaning as O.Ox10-O.

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FALSE

【Definite Report】

Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations

Place of Sampling		West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini NPS				② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 4 of the appendix 2)
Time of Sampling		2011/4/27 11:27 ~ 11:47		2011/4/27 9:22 ~ 9:30		2011/4/27 15:27 ~ 15:35		
Detected Nuclides (Half-life)		①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
Volatile	Nb-95 (approx.35days)	ND	—	ND	—	ND	—	2E-02
	Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	7E-01
	Ag-110m (approx.250days)	ND	—	ND	—	ND	—	3E-03
	Te-129 (approx.70mins)	ND	—	ND	—	ND	—	4E-01
	Te-129m (approx.34days)	ND	—	ND	—	ND	—	4E-03
	I-131 (about 8 days)	5.1E-05	0.05	8.9E-06	0.01	5.2E-06	0.01	1E-03
	I-132 (approx.2hrs)	ND	—	ND	—	ND	—	7E-02
	Te-132 (approx.3days)	ND	—	ND	—	ND	—	4E-03
	I-133 (approx.21hrs)	ND	—	ND	—	ND	—	5E-03
	Cs-134 (about 2 years)	ND	—	9.0E-06	0.00	1.3E-05	0.01	2E-03
	Cs-136 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	Cs-137 (about 30 years)	1.2E-05	0.00	1.0E-05	0.00	1.5E-05	0.01	3E-03
	Ba-140 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	La-140 (approx.40hrs)	ND	—	ND	—	ND	—	1E-02
Particulate	Nb-95 (approx.35days)	ND	—	ND	—	ND	—	2E-02
	Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	7E-01
	Ag-110m (approx.250days)	ND	—	ND	—	ND	—	3E-03
	Te-129 (approx.70mins)	ND	—	ND	—	ND	—	4E-01
	Te-129m (approx.34days)	ND	—	ND	—	ND	—	4E-03
	I-131 (about 8 days)	4.7E-05	0.05	4.0E-06	0.00	4.8E-06	0.00	1E-03
	I-132 (approx.2hrs)	ND	—	ND	—	ND	—	7E-02
	Te-132 (approx.3days)	ND	—	ND	—	ND	—	4E-03
	I-133 (approx.21hrs)	ND	—	ND	—	ND	—	5E-03
	Cs-134 (about 2 years)	1.3E-05	0.01	7.0E-06	0.00	6.6E-06	0.00	2E-03
	Cs-136 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	Cs-137 (about 30 years)	1.3E-05	0.00	6.4E-06	0.00	8.3E-06	0.00	3E-03
	Ba-140 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	La-140 (approx.40hrs)	ND	—	ND	—	ND	—	1E-02

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared w

TRUE

## 【Definite Report】

## Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations

Place of Sampling		West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini NPS			② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 4 of the appendix 2)	
Time of Sampling		2011/5/1 11:30 ~ 11:50		2011/5/1 9:34 ~ 9:42		2011/5/1 15:57 ~ 16:05		
Detected Nuclides (Half-life)		①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )		Scaling Factor (①/②)
Volatile	Nb-95 (approx.35days)	ND	—	ND	—	ND	—	2E-02
	Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	7E-01
	Ag-110m (approx.250days)	ND	—	ND	—	ND	—	3E-03
	Te-129 (approx.70mins)	(2) 3.0E-05	0.00	ND	—	ND	—	4E-01
	Te-129m (approx.34days)	ND	—	ND	—	ND	—	4E-03
	I-131 (about 8 days)	2.3E-05	0.02	5.9E-06	0.01	4.1E-06	0.00	1E-03
	I-132 (approx.2hrs)	ND	—	ND	—	ND	—	7E-02
	Te-132 (approx.3days)	ND	—	ND	—	ND	—	4E-03
	I-133 (approx.21hrs)	ND	—	ND	—	ND	—	5E-03
	Cs-134 (about 2 years)	1.7E-05	0.01	8.5E-06	0.00	6.8E-06	0.00	2E-03
	Cs-136 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	Cs-137 (about 30 years)	1.7E-05	0.01	9.0E-06	0.00	1.0E-05	0.00	3E-03
	Ba-140 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	La-140 (approx.40hrs)	ND	—	ND	—	ND	—	1E-02
Particulate	Nb-95 (approx.35days)	ND	—	ND	—	ND	—	2E-02
	Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	7E-01
	Ag-110m (approx.250days)	ND	—	ND	—	ND	—	3E-03
	Te-129 (approx.70mins)	ND	—	ND	—	ND	—	4E-01
	Te-129m (approx.34days)	ND	—	ND	—	ND	—	4E-03
	I-131 (about 8 days)	1.2E-05	0.01	4.2E-06	0.00	6.9E-06	0.01	1E-03
	I-132 (approx.2hrs)	ND	—	ND	—	ND	—	7E-02
	Te-132 (approx.3days)	ND	—	ND	—	ND	—	4E-03
	I-133 (approx.21hrs)	ND	—	ND	—	ND	—	5E-03
	Cs-134 (about 2 years)	1.6E-05	0.01	ND	—	ND	—	2E-03
	Cs-136 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	Cs-137 (about 30 years)	2.3E-05	0.01	ND	—	ND	—	3E-03
	Ba-140 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	La-140 (approx.40hrs)	ND	—	ND	—	ND	—	1E-02

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with

FALSE

【Definite Report】

Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations

Place of Sampling		West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini NPS				② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 4 of the appendix 2)
Time of Sampling		2011/5/1 11:30 ~ 11:50		2011/5/1 9:34 ~ 9:42		2011/5/1 15:57 ~ 16:05		
Detected Nuclides (Half-life)		①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
Volatile	Nb-95 (approx.35days)	ND	—	ND	—	ND	—	2E-02
	Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	7E-01
	Ag-110m (approx.250days)	ND	—	ND	—	ND	—	3E-03
	Te-129 (approx.70mins)	ND	—	ND	—	ND	—	4E-01
	Te-129m (approx.34days)	ND	—	ND	—	ND	—	4E-03
	I-131 (about 8 days)	2.3E-05	0.02	5.9E-06	0.01	4.1E-06	0.00	1E-03
	I-132 (approx.2hrs)	ND	—	ND	—	ND	—	7E-02
	Te-132 (approx.3days)	ND	—	ND	—	ND	—	4E-03
	I-133 (approx.21hrs)	ND	—	ND	—	ND	—	5E-03
	Cs-134 (about 2 years)	1.7E-05	0.01	8.5E-06	0.00	6.8E-06	0.00	2E-03
	Cs-136 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	Cs-137 (about 30 years)	1.7E-05	0.01	9.0E-06	0.00	1.0E-05	0.00	3E-03
	Ba-140 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	La-140 (approx.40hrs)	ND	—	ND	—	ND	—	1E-02
Particulate	Nb-95 (approx.35days)	ND	—	ND	—	ND	—	2E-02
	Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	7E-01
	Ag-110m (approx.250days)	ND	—	ND	—	ND	—	3E-03
	Te-129 (approx.70mins)	ND	—	ND	—	ND	—	4E-01
	Te-129m (approx.34days)	ND	—	ND	—	ND	—	4E-03
	I-131 (about 8 days)	1.2E-05	0.01	4.2E-06	0.00	6.9E-06	0.01	1E-03
	I-132 (approx.2hrs)	ND	—	ND	—	ND	—	7E-02
	Te-132 (approx.3days)	ND	—	ND	—	ND	—	4E-03
	I-133 (approx.21hrs)	ND	—	ND	—	ND	—	5E-03
	Cs-134 (about 2 years)	1.6E-05	0.01	ND	—	ND	—	2E-03
	Cs-136 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	Cs-137 (about 30 years)	2.3E-05	0.01	ND	—	ND	—	3E-03
	Ba-140 (approx.13days)	ND	—	ND	—	ND	—	1E-02
	La-140 (approx.40hrs)	ND	—	ND	—	ND	—	1E-02

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with



TRUE

【Definite Report】 Result of nuclide analysis of sea water monitoring

【Place of Sampling】 South water discharge canal of Fukushima Daiichi NPS

【Date of sampling】 08:50 Mar 23 2011

(Re-evaluation)

Detected Nuclides (Half-life)	①density of sample (Bq/cm <sup>3</sup> )	② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)	Scaling Factor (①/②)
Co-58 (approx.71days)	ND	1E+00	—
Co-60 (approx.5yrs)	ND	(1) 2E-01	—
Zr-95 (approx.64days)	ND	9E-01	—
Mo-99 (approx.66hrs)	ND	(1) 1E+00	—
Tc-99m (approx.6hrs)	ND	4E+01	—
Ru-105 (approx.4hrs)	ND	3E+00	—
Ru-106 (approx.374days)	ND	1E-01	—
Te-129 (approx.70mins)	(5) 3.4E-01	1E+01	0.03
Te-129m (approx.34days)	ND	3E-01	—
I-131 (approx.8days)	5.9E+00	4E-02	150
I-132 (approx.2hrs)	5.4E+00	3E+00	1.8
Te-132 (approx.3days)	4.0E-01	2E-01	2.0
Cs-134 (approx.2yrs)	2.5E-01	6E-02	4.2
I-135 (approx.6hrs)	ND	8E-01	—
Cs-136 (approx.13days)	2.5E-02	3E-01	0.08
Cs-137 (approx.30years)	2.5E-01	9E-02	2.8
Ba-140 (approx.13days)	ND	3E-01	—
La-140 (approx.2days)	1.3E-02	4E-01	0.03

\* O.OE-O has same meaning as O.O×10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

FALSE

【Definite Report】 Result of nuclide analysis of sea water monitoring

【Place of Sampling】 South water discharge canal of Fukushima Daiichi NPS

【Date of sampling】 08:50 Mar 23 2011

(Re-evaluation)

Detected Nuclides (Half-life)	①density of sample (Bq/cm <sup>3</sup> )	② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)	Scaling Factor (①/②)
Co-58 (approx.71days)	ND	1E+00	—
Co-60 (approx.5yrs)	ND	2E-02	—
Zr-95 (approx.64days)	ND	9E-01	—
Mo-99 (approx.66hrs)	ND	9E-01	—
Tc-99m (approx.6hrs)	ND	4E+01	—
Ru-105 (approx.4hrs)	ND	3E+00	—
Ru-106 (approx.374days)	ND	1E-01	—
Te-129 (approx.70mins)	2.2E-01	1E+01	0.00
Te-129m (approx.34days)	ND	3E-01	—
I-131 (approx.8days)	5.9E+00	4E-02	150
I-132 (approx.2hrs)	5.4E+00	3E+00	1.8
Te-132 (approx.3days)	4.0E-01	2E-01	2.0
Cs-134 (approx.2yrs)	2.5E-01	6E-02	4.2
I-135 (approx.6hrs)	ND	8E-01	—
Cs-136 (approx.13days)	2.5E-02	3E-01	0.08
Cs-137 (approx.30years)	2.5E-01	9E-02	2.8
Ba-140 (approx.13days)	ND	3E-01	—
La-140 (approx.2days)	1.3E-02	4E-01	0.03

\* O.OE-O has same meaning as O.O×10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

TRUE

【Definite Report】 Result of nuclide analysis of sea water monitoring

【Place of Sampling】 South water discharge canal of Fukushima Daiichi NPS

【Date of sampling】 14:30 Mar 26 2011

(Re-evaluation)

Detected Nuclides (Half-life)	①density of sample (Bq/cm <sup>3</sup> )	② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)	Scaling Factor (①/②)
Co-58 (approx.71days)	ND	1E+00	—
Co-60 (approx.5yrs)	ND	(1) 2E-01	—
Zr-95 (approx.64days)	ND	9E-01	—
Mo-99 (approx.66hrs)	ND	(1) 1E+00	—
Tc-99m (approx.6hrs)	9.1E-02	4E+01	0.00
Ru-105 (approx.4hrs)	ND	3E+00	—
Ru-106 (approx.374days)	ND	1E-01	—
Te-129 (approx.70mins)	(2) ND	1E+01	—
Te-129m (approx.34days)	1.3E+00	3E-01	4.3
I-131 (approx.8days)	7.4E+01	4E-02	1900
I-132 (approx.2hrs)	3.8E+00	3E+00	1.3
Te-132 (approx.3days)	1.0E+00	2E-01	5.0
Cs-134 (approx.2yrs)	1.2E+01	6E-02	200
I-135 (approx.6hrs)	ND	8E-01	—
Cs-136 (approx.13days)	1.3E+00	3E-01	4.3
Cs-137 (approx.30years)	1.2E+01	9E-02	130
Ba-140 (approx.13days)	1.8E+00	3E-01	6.0
La-140 (approx.2days)	8.7E-01	4E-01	2.2

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

FALSE

【Definite Report】 Result of nuclide analysis of sea water monitoring

【Place of Sampling】 South water discharge canal of Fukushima Daiichi NPS

【Date of sampling】 14:30 Mar 26 2011

(Re-evaluation)

Detected Nuclides (Half-life)	①density of sample (Bq/cm <sup>3</sup> )	② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)	Scaling Factor (①/②)
Co-58 (approx.71days)	ND	1E+00	—
Co-60 (approx.5yrs)	ND	2E-02	—
Zr-95 (approx.64days)	ND	9E-01	—
Mo-99 (approx.66hrs)	ND	9E-01	—
Tc-99m (approx.6hrs)	9.1E-02	4E+01	0.00
Ru-105 (approx.4hrs)	ND	3E+00	—
Ru-106 (approx.374days)	ND	1E-01	—
Te-129 (approx.70mins)	3.0E+00	1E+01	0.30
Te-129m (approx.34days)	1.3E+00	3E-01	4.3
I-131 (approx.8days)	7.4E+01	4E-02	1900
I-132 (approx.2hrs)	3.8E+00	3E+00	1.3
Te-132 (approx.3days)	1.0E+00	2E-01	5.0
Cs-134 (approx.2yrs)	1.2E+01	6E-02	200
I-135 (approx.6hrs)	ND	8E-01	—
Cs-136 (approx.13days)	1.3E+00	3E-01	4.3
Cs-137 (approx.30years)	1.2E+01	9E-02	130
Ba-140 (approx.13days)	1.8E+00	3E-01	6.0
La-140 (approx.2days)	8.7E-01	4E-01	2.2

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

TRUE

## 【Definite Report】 Result of nuclide analysis of sea water monitoring &lt;coast&gt;

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time of Sampling	08:40 Apr 01 2011		14:15 Apr 01 2011		08:20 Apr 01 2011		14:00 Apr 01 2011		09:50 Apr 01 2011		09:00 Apr 01 2011	
Detected Nuclides (Half-life)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (approx. 8 days)	1.2E+02	3,000	7.5E+01	1,900	7.1E+01	1,800	3.8E+01	950	1.1E+00	28	8.3E-01	21	4E-02
Cs-134 (approx. 2 years)	3.7E+01	620	2.4E+01	400	2.2E+01	370	1.1E+01	180	3.0E-01	5.0	2.0E-01	3.3	6E-02
Cs-137 (approx. 30years)	3.7E+01	410	2.5E+01	280	2.2E+01	240	1.1E+01	120	2.9E-01	3.2	1.9E-01	2.1	9E-02
Mo-99 (approx.66hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	(1) 1E+00
Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Te-129m (approx.34days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
Te-129 (approx.70mins)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	1E+01
Te-132 (approx.3days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	2E-01
I-132 (approx.2hrs)	ND	—	ND	—	ND	—	(2) 3.4E-02	0.01	ND	—	ND	—	3E+00
Cs-136 (approx.13days)	3.0E+00	10	1.9E+00	6.3	1.7E+00	5.7	8.3E-01	2.8	2.6E-02	0.09	2.0E-02	0.07	3E-01
Ba-140 (approx.13days)	5.2E+00	17	3.5E+00	12	3.3E+00	11	1.7E+00	5.7	4.5E-02	0.15	ND	—	3E-01
La-140 (approx.2days)	3.1E+00	7.8	1.8E+00	4.5	1.7E+00	4.3	7.1E-01	1.8	2.1E-02	0.05	1.0E-02	0.03	4E-01

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

FALSE

## 【Definite Report】 Result of nuclide analysis of sea water monitoring &lt;coast&gt;

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time of Sampling	08:40 Apr 01 2011		14:15 Apr 01 2011		08:20 Apr 01 2011		14:00 Apr 01 2011		09:50 Apr 01 2011		09:00 Apr 01 2011	
Detected Nuclides (Half-life)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (approx. 8 days)	1.2E+02	3,000	7.5E+01	1,900	7.1E+01	1,800	3.8E+01	950	1.1E+00	28	8.3E-01	21	4E-02
Cs-134 (approx. 2 years)	3.7E+01	620	2.4E+01	400	2.2E+01	370	1.1E+01	180	3.0E-01	5.0	2.0E-01	3.3	6E-02
Cs-137 (approx. 30years)	3.7E+01	410	2.5E+01	280	2.2E+01	240	1.1E+01	120	2.9E-01	3.2	1.9E-01	2.1	9E-02
Mo-99 (approx.66hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	9E-01
Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Te-129m (approx.34days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
Te-129 (approx.70mins)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	1E+01
Te-132 (approx.3days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	2E-01
I-132 (approx.2hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E+00
Cs-136 (approx.13days)	3.0E+00	10	1.9E+00	6.3	1.7E+00	5.7	8.3E-01	2.8	2.6E-02	0.09	2.0E-02	0.07	3E-01
Ba-140 (approx.13days)	5.2E+00	17	3.5E+00	12	3.3E+00	11	1.7E+00	5.7	4.5E-02	0.15	ND	—	3E-01
La-140 (approx.2days)	3.1E+00	7.8	1.8E+00	4.5	1.7E+00	4.3	7.1E-01	1.8	2.1E-02	0.05	1.0E-02	0.03	4E-01

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

TRUE

## 【Definite Report】 Result of nuclide analysis of sea water monitoring &lt;coast&gt;

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time of Sampling	08:50 Apr 02 2011		13:40 Apr 02 2011		08:30 Apr 02 2011		13:20 Apr 02 2011		09:55 Apr 02 2011		09:00 Apr 02 2011	
Detected Nuclides (Half-life)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (approx. 8 days)	5.3E+01	1,300	3.3E+01	820	6.0E-01	15	4.4E-01	11	5.4E-01	14	1.4E-01	3.5	4E-02
Cs-134 (approx. 2 years)	2.1E+01	350	1.3E+01	220	1.1E+00	18	5.1E-01	8.4	1.7E-01	2.8	5.1E-02	<sup>(3)</sup> 0.85	6E-02
Cs-137 (approx. 30years)	2.1E+01	230	1.3E+01	140	1.1E+00	12	5.1E-01	5.6	1.8E-01	2.0	4.4E-02	<sup>(3)</sup> 0.49	9E-02
Mo-99 (approx.66hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	<sup>(1)</sup> 1E+00
Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Te-129m (approx.34days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
Te-129 (approx.70mins)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	1E+01
Te-132 (approx.3days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	2E-01
I-132 (approx.2hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E+00
Cs-136 (approx.13days)	1.6E+00	5.3	1.0E+00	3.3	9.3E-02	0.31	4.1E-02	0.14	9.8E-03	0.03	ND	—	3E-01
Ba-140 (approx.13days)	3.0E+00	10	2.0E+00	6.6	ND	—	ND	—	ND	—	ND	—	3E-01
La-140 (approx.2days)	1.4E+00	3.5	9.2E-01	2.3	9.9E-02	0.25	3.7E-02	0.09	ND	—	ND	—	4E-01

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

FALSE

【Definite Report】 Result of nuclide analysis of sea water monitoring <coast>

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time of Sampling	08:50 Apr 02 2011		13:40 Apr 02 2011		08:30 Apr 02 2011		13:20 Apr 02 2011		09:55 Apr 02 2011		09:00 Apr 02 2011	
Detected Nuclides (Half-life)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (approx. 8 days)	5.3E+01	1,300	3.3E+01	820	6.0E-01	15	4.4E-01	11	5.4E-01	14	1.4E-01	3.5	4E-02
Cs-134 (approx. 2 years)	2.1E+01	350	1.3E+01	220	1.1E+00	18	5.1E-01	8.4	1.7E-01	2.8	5.1E-02	0.90	6E-02
Cs-137 (approx. 30years)	2.1E+01	230	1.3E+01	140	1.1E+00	12	5.1E-01	5.6	1.8E-01	2.0	4.4E-02	0.50	9E-02
Mo-99 (approx.66hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	9E-01
Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Te-129m (approx.34days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
Te-129 (approx.70mins)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	1E+01
Te-132 (approx.3days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	2E-01
I-132 (approx.2hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E+00
Cs-136 (approx.13days)	1.6E+00	5.3	1.0E+00	3.3	9.3E-02	0.31	4.1E-02	0.14	9.8E-03	0.03	ND	—	3E-01
Ba-140 (approx.13days)	3.0E+00	10	2.0E+00	6.6	ND	—	ND	—	ND	—	ND	—	3E-01
La-140 (approx.2days)	1.4E+00	3.5	9.2E-01	2.3	9.9E-02	0.25	3.7E-02	0.09	ND	—	ND	—	4E-01

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.



TRUE

## 【Definite Report】 Result of nuclide analysis of sea water monitoring &lt;coast&gt;

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time of Sampling	09:25 Apr 04 2011		14:40 Apr 04 2011		09:00 Apr 04 2011		14:20 Apr 04 2011		09:50 Apr 04 2011		08:40 Apr 04 2011	
Detected Nuclides (Half-life)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (approx. 8 days)	5.3E+00	130	5.3E+00	130	1.1E+01	280	4.1E+01	1,000	5.5E-01	14	7.1E-02	1.8	4E-02
Cs-134 (approx. 2 years)	2.3E+00	38	2.5E+00	(3) 42	5.1E+00	85	1.9E+01	320	2.2E-01	3.7	2.0E-02	0.33	6E-02
Cs-137 (approx. 30years)	2.3E+00	26	2.6E+00	(3) 29	5.1E+00	57	1.9E+01	210	2.4E-01	2.7	2.5E-02	0.28	9E-02
Mo-99 (approx.66hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	(1) 1E+00
Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Te-129m (approx.34days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
Te-129 (approx.70mins)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	1E+01
Te-132 (approx.3days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	2E-01
I-132 (approx.2hrs)	ND	—	ND	—	4.2E-02	0.01	ND	—	ND	—	2.9E-03	0.00	3E+00
Cs-136 (approx.13days)	1.6E-01	0.53	1.8E-01	0.60	3.5E-01	1.2	1.3E+00	4.3	1.2E-02	0.04	ND	—	3E-01
Ba-140 (approx.13days)	2.3E-01	0.77	3.0E-01	1.0	6.6E-01	2.2	2.8E+00	9.3	ND	—	ND	—	3E-01
La-140 (approx.2days)	1.3E-01	0.33	1.5E-01	0.38	2.9E-01	0.73	1.1E+00	2.8	1.7E-02	0.04	ND	—	4E-01

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

FALSE

【Definite Report】 Result of nuclide analysis of sea water monitoring <coast>

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time of Sampling	09:25 Apr 04 2011		14:40 Apr 04 2011		09:00 Apr 04 2011		14:20 Apr 04 2011		09:50 Apr 04 2011		08:40 Apr 04 2011	
Detected Nuclides (Half-life)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (approx. 8 days)	5.3E+00	130	5.3E+00	130	1.1E+01	280	4.1E+01	1,000	5.5E-01	14	7.1E-02	1.8	4E-02
Cs-134 (approx. 2 years)	2.3E+00	38	2.5E+00	40	5.1E+00	85	1.9E+01	320	2.2E-01	3.7	2.0E-02	0.33	6E-02
Cs-137 (approx. 30years)	2.3E+00	26	2.6E+00	30	5.1E+00	57	1.9E+01	210	2.4E-01	2.7	2.5E-02	0.28	9E-02
Mo-99 (approx.66hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Te-129m (approx.34days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
Te-129 (approx.70mins)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	1E+01
Te-132 (approx.3days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	2E-01
I-132 (approx.2hrs)	ND	—	ND	—	4.2E-02	0.01	ND	—	ND	—	2.9E-03	0.00	3E+00
Cs-136 (approx.13days)	1.6E-01	0.53	1.8E-01	0.60	3.5E-01	1.2	1.3E+00	4.3	1.2E-02	0.04	ND	—	3E-01
Ba-140 (approx.13days)	2.3E-01	0.77	3.0E-01	1.0	6.6E-01	2.2	2.8E+00	9.3	ND	—	ND	—	3E-01
La-140 (approx.2days)	1.3E-01	0.33	1.5E-01	0.38	2.9E-01	0.73	1.1E+00	2.8	1.7E-02	0.04	ND	—	4E-01

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

TRUE

## 【Definite Report】 Result of nuclide analysis of sea water monitoring &lt;coast&gt;

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time of Sampling	09:15 Apr 05 2011		14:30 Apr 05 2011		08:55 Apr 05 2011		14:10 Apr 05 2011		09:45 Apr 05 2011		08:50 Apr 05 2011	
Detected Nuclides (Half-life)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (approx. 8 days)	2.4E+01	600	1.6E+01	400	1.6E+01	400	1.1E+01	280	3.1E+00	78	3.7E+00	93	4E-02
Cs-134 (approx. 2 years)	1.3E+01	220	7.5E+00	130	7.7E+00	130	5.3E+00	<sup>(3)</sup> 88	1.4E+00	23	1.4E+00	23	6E-02
Cs-137 (approx. 30years)	1.3E+01	140	7.7E+00	<sup>(3)</sup> 86	7.8E+00	87	5.4E+00	60	1.4E+00	16	1.4E+00	16	9E-02
Mo-99 (approx.66hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	<sup>(1)</sup> 1E+00
Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Te-129m (approx.34days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
Te-129 (approx.70mins)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	1E+01
Te-132 (approx.3days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	2E-01
I-132 (approx.2hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E+00
Cs-136 (approx.13days)	8.1E-01	2.7	5.0E-01	1.7	5.0E-01	1.7	3.5E-01	1.2	8.7E-02	0.29	9.0E-02	0.30	3E-01
Ba-140 (approx.13days)	1.7E+00	5.7	1.2E+00	4.0	1.1E+00	3.7	7.7E-01	2.6	2.1E-01	0.70	2.2E-01	0.73	3E-01
La-140 (approx.2days)	6.6E-01	1.7	4.5E-01	1.1	5.0E-01	1.2	3.4E-01	0.85	7.2E-02	0.18	3.5E-02	0.09	4E-01

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

FALSE

【Definite Report】 Result of nuclide analysis of sea water monitoring <coast>

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/cm3) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time of Sampling	09:15 Apr 05 2011		14:30 Apr 05 2011		08:55 Apr 05 2011		14:10 Apr 05 2011		09:45 Apr 05 2011		08:50 Apr 05 2011	
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (approx. 8 days)	2.4E+01	600	1.6E+01	400	1.6E+01	400	1.1E+01	280	3.1E+00	78	3.7E+00	93	4E-02
Cs-134 (approx. 2 years)	1.3E+01	220	7.5E+00	130	7.7E+00	130	5.3E+00	90	1.4E+00	23	1.4E+00	23	6E-02
Cs-137 (approx. 30years)	1.3E+01	140	7.7E+00	90	7.8E+00	87	5.4E+00	60	1.4E+00	16	1.4E+00	16	9E-02
Mo-99 (approx.66hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Te-129m (approx.34days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
Te-129 (approx.70mins)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	1E+01
Te-132 (approx.3days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	2E-01
I-132 (approx.2hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E+00
Cs-136 (approx.13days)	8.1E-01	2.7	5.0E-01	1.7	5.0E-01	1.7	3.5E-01	1.2	8.7E-02	0.29	9.0E-02	0.30	3E-01
Ba-140 (approx.13days)	1.7E+00	5.7	1.2E+00	4.0	1.1E+00	3.7	7.7E-01	2.6	2.1E-01	0.70	2.2E-01	0.73	3E-01
La-140 (approx.2days)	6.6E-01	1.7	4.5E-01	1.1	5.0E-01	1.2	3.4E-01	0.85	7.2E-02	0.18	3.5E-02	0.09	4E-01

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

TRUE

## 【Definite Report】 Result of nuclide analysis of sea water monitoring&lt;offshore&gt;

Place of Sampling	15 km offshore of Minami-Souma City		5 km offshore of Ukedo-river		15 km offshore of Fukushima Daiichi NPS		15 km offshore of Fukushima Daiichi NPS		15 km offshore of Fukushima Daini NPS		15 km offshore of Fukushima Daini NPS		15 km offshore of Iwasawa shore		15 km offshore of Iwasawa shore		15 km offshore of Hirono-town		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	14:03 Apr 05 2011		13:48 Apr 05 2011		13:33 Apr 05 2011		15:45 Apr 05 2011		13:15 Apr 05 2011		16:14 Apr 05 2011		13:00 Apr 05 2011		16:53 Apr 05 2011		12:44 Apr 05 2011		
Detected Nuclides (Half-life)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (approx. 8 days)	5.7E-02	1.4	2.0E-01	5.0	1.9E-01	4.8	1.0E-01	2.5	7.2E-02	1.8	9.6E-02	2.4	6.0E-02	1.5	1.8E-01	4.5	9.8E-02	2.5	4E-02
Cs-134 (approx. 2 years)	ND	—	6.5E-02	1.1	7.6E-02	1.3	4.9E-02	0.82	2.3E-02	0.38	2.5E-02	0.42	1.8E-02	0.30	3.1E-01	5.2	5.7E-02	1.0	6E-02
Cs-137 (approx. 30years)	1.8E-02	0.20	7.1E-02	0.79	7.7E-02	0.86	4.5E-02	0.50	ND	—	2.2E-02	0.24	ND	—	3.2E-01	3.6	5.9E-02	0.66	9E-02
Mo-99 (approx.66hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	(1) 1E+00
Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Te-129m (approx.34days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
Te-129 (approx.70mins)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	1E+01
Te-132 (approx. 3 days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	1.7E-02	0.09	4.0E-03	0.02	2E-01
I-132 (approx.2hrs)	ND	—	ND	—	ND	—	(2) 4.0E-03	0.00	ND	—	ND	—	ND	—	ND	—	ND	—	3E+00
Cs-136 (approx.13days)	ND	—	9.1E-03	0.03	ND	—	ND	—	ND	—	ND	—	ND	—	2.3E-02	0.08	6.3E-03	0.02	3E-01
Ba-140 (approx.13days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
La-140 (approx.2days)	ND	—	ND	—	5.2E-03	0.01	ND	—	ND	—	ND	—	ND	—	8.6E-03	0.02	ND	—	4E-01

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

FALSE

## 【Definite Report】 Result of nuclide analysis of sea water monitoring&lt;offshore&gt;

Place of Sampling	15 km offshore of Minami-Souma City		5 km offshore of Ukedo-river		15 km offshore of Fukushima Daiichi NPS		15 km offshore of Fukushima Daiichi NPS		15 km offshore of Fukushima Daini NPS		15 km offshore of Fukushima Daini NPS		15 km offshore of Iwasawa shore		15 km offshore of Iwasawa shore		15 km offshore of Hirono-town		② Density limit by the announcement of Reactor Regulation (Bq/cm3) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	14:03 Apr 05 2011		13:48 Apr 05 2011		13:33 Apr 05 2011		15:45 Apr 05 2011		13:15 Apr 05 2011		16:14 Apr 05 2011		13:00 Apr 05 2011		16:53 Apr 05 2011		12:44 Apr 05 2011		
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (approx. 8 days)	5.7E-02	1.4	2.0E-01	5.0	1.9E-01	4.8	1.0E-01	2.5	7.2E-02	1.8	9.6E-02	2.4	6.0E-02	1.5	1.8E-01	4.5	9.8E-02	2.5	4E-02
Cs-134 (approx. 2 years)	ND	—	6.5E-02	1.1	7.6E-02	1.3	4.9E-02	0.82	2.3E-02	0.38	2.5E-02	0.42	1.8E-02	0.30	3.1E-01	5.2	5.7E-02	1.0	6E-02
Cs-137 (approx. 30years)	1.8E-02	0.20	7.1E-02	0.79	7.7E-02	0.86	4.5E-02	0.50	ND	—	2.2E-02	0.24	ND	—	3.2E-01	3.6	5.9E-02	0.66	9E-02
Mo-99 (approx.66hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Te-129m (approx.34days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
Te-129 (approx.70mins)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	1E+01
Te-132 (approx. 3 days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	1.7E-02	0.09	4.0E-03	0.02	2E-01
I-132 (approx.2hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E+00
Cs-136 (approx.13days)	ND	—	9.1E-03	0.03	ND	—	ND	—	ND	—	ND	—	ND	—	2.3E-02	0.08	6.3E-03	0.02	3E-01
Ba-140 (approx.13days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
La-140 (approx.2days)	ND	—	ND	—	5.2E-03	0.01	ND	—	ND	—	ND	—	ND	—	8.6E-03	0.02	ND	—	4E-01

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

TRUE

## 【Definite Report】 Result of nuclide analysis of sea water monitoring &lt;coast&gt;

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time of Sampling	08:55 Apr 06 2011		14:25 Apr 06 2011		08:30 Apr 06 2011		14:05 Apr 06 2011		09:05 Apr 06 2011		08:35 Apr 06 2011	
Detected Nuclides (Half-life)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (approx. 8 days)	2.4E+01	600	4.1E+01	1,000	3.2E+00	80	3.7E+00	93	2.2E+00	55	2.6E+00	65	4E-02
Cs-134 (approx. 2 years)	1.4E+01	230	2.3E+01	380	2.1E+00	35	2.4E+00	40	1.1E+00	18	1.1E+00	18	6E-02
Cs-137 (approx. 30years)	1.4E+01	160	2.4E+01	270	2.0E+00	22	2.5E+00	28	1.1E+00	12	1.1E+00	12	9E-02
Mo-99 (approx.66hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	(1) 1E+00
Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Te-129m (approx.34days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
Te-129 (approx.70mins)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	1E+01
Te-132 (approx.3days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	2E-01
I-132 (approx.2hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E+00
Cs-136 (approx.13days)	8.3E-01	2.8	1.4E+00	4.7	1.4E-01	0.47	1.4E-01	0.47	5.7E-02	0.19	7.2E-02	0.24	3E-01
Ba-140 (approx.13days)	1.8E+00	6.0	3.1E+00	10	1.9E-01	0.63	2.4E-01	0.80	1.7E-01	(3) 0.57	1.5E-01	0.50	3E-01
La-140 (approx.2days)	6.7E-01	1.7	1.4E+00	3.5	1.1E-01	0.28	1.1E-01	0.28	4.0E-02	(3) 0.10	4.5E-02	0.11	4E-01

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

FALSE

## 【Definite Report】 Result of nuclide analysis of sea water monitoring &lt;coast&gt;

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time of Sampling	08:55 Apr 06 2011		14:25 Apr 06 2011		08:30 Apr 06 2011		14:05 Apr 06 2011		09:05 Apr 06 2011		08:35 Apr 06 2011	
Detected Nuclides (Half-life)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (approx. 8 days)	2.4E+01	600	4.1E+01	1,000	3.2E+00	80	3.7E+00	93	2.2E+00	55	2.6E+00	65	4E-02
Cs-134 (approx. 2 years)	1.4E+01	230	2.3E+01	380	2.1E+00	35	2.4E+00	40	1.1E+00	18	1.1E+00	18	6E-02
Cs-137 (approx. 30years)	1.4E+01	160	2.4E+01	270	2.0E+00	22	2.5E+00	28	1.1E+00	12	1.1E+00	12	9E-02
Mo-99 (approx.66hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Te-129m (approx.34days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
Te-129 (approx.70mins)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	1E+01
Te-132 (approx.3days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	2E-01
I-132 (approx.2hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E+00
Cs-136 (approx.13days)	8.3E-01	2.8	1.4E+00	4.7	1.4E-01	0.47	1.4E-01	0.47	5.7E-02	0.19	7.2E-02	0.24	3E-01
Ba-140 (approx.13days)	1.8E+00	6.0	3.1E+00	10	1.9E-01	0.63	2.4E-01	0.80	1.7E-01	1.1	1.5E-01	0.50	3E-01
La-140 (approx.2days)	6.7E-01	1.7	1.4E+00	3.5	1.1E-01	0.28	1.1E-01	0.28	4.0E-02	0.89	4.5E-02	0.11	4E-01

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.



TRUE

## 【Definite Report】 Result of nuclide analysis of sea water monitoring &lt;offshore&gt;

(Apr 6, 1/2)

Place of Sampling	15 km offshore of Minami-Souma City		15 km offshore of Minami-Souma City		15 km offshore of Fukushima Daiichi NPS		15 km offshore of Fukushima Daiichi NPS		15 km offshore of Fukushima Daini NPS		15 km offshore of Fukushima Daini NPS		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	10:41 Apr 06 2011		11:30 Apr 06 2011		11:38 Apr 06 2011		12:29 Apr 06 2011		12:12 Apr 06 2011		12:52 Apr 06 2011		
Detected Nuclides (Half-life)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
(1) I-131 (approx. 8 days)	6.6E-02	1.7	2.4E-02	0.60	2.3E-01	5.8	2.1E-01	5.3	9.2E-02	2.3	2.5E-02	0.63	4E-02
Cs-134 (approx. 2 years)	4.5E-02	0.75	ND	—	1.2E-01	2.0	8.9E-02	1.5	3.7E-02	0.62	ND	—	6E-02
Cs-137 (approx. 30years)	4.6E-02	0.51	ND	—	1.3E-01	1.4	1.0E-01	1.1	3.7E-02	0.41	ND	—	9E-02
Mo-99 (approx.66hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	(1) 1E+00
Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Te-129m (approx.34days)	9.6E-02	0.32	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
Te-129 (approx.70mins)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	1E+01
Te-132 (approx. 3 days)	9.0E-03	0.05	ND	—	ND	—	ND	—	3.9E-03	0.02	ND	—	2E-01
I-132 (approx.2hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E+00
Cs-136 (approx.13days)	ND	—	ND	—	9.2E-03	0.03	ND	—	ND	—	ND	—	3E-01
Ba-140 (approx.13days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
La-140 (approx.2days)	ND	—	ND	—	1.2E-02	0.03	1.1E-02	0.03	ND	—	ND	—	4E-01

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

FALSE

## 【Definite Report】 Result of nuclide analysis of sea water monitoring &lt;offshore&gt;

(Apr 6, 1/2)

Place of Sampling	15 km offshore of Minami-Souma City		15 km offshore of Minami-Souma City		15 km offshore of Fukushima Daiichi NPS		15 km offshore of Fukushima Daiichi NPS		15 km offshore of Fukushima Daini NPS		15 km offshore of Fukushima Daini NPS		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	10:41 Apr 06 2011		11:30 Apr 06 2011		11:38 Apr 06 2011		12:29 Apr 06 2011		12:12 Apr 06 2011		12:52 Apr 06 2011		
Detected Nuclides (Half-life)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (approx. 34days)	6.6E-02	1.7	2.4E-02	0.60	2.3E-01	5.8	2.1E-01	5.3	9.2E-02	2.3	2.5E-02	0.63	4E-02
Cs-134 (approx. 2 years)	4.5E-02	0.75	ND	—	1.2E-01	2.0	8.9E-02	1.5	3.7E-02	0.62	ND	—	6E-02
Cs-137 (approx. 30years)	4.6E-02	0.51	ND	—	1.3E-01	1.4	1.0E-01	1.1	3.7E-02	0.41	ND	—	9E-02
Mo-99 (approx.66hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Te-129m (approx.34days)	9.6E-02	0.32	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
Te-129 (approx.70mins)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	1E+01
Te-132 (approx. 3 days)	9.0E-03	0.05	ND	—	ND	—	ND	—	3.9E-03	0.02	ND	—	2E-01
I-132 (approx.2hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E+00
Cs-136 (approx.13days)	ND	—	ND	—	9.2E-03	0.03	ND	—	ND	—	ND	—	3E-01
Ba-140 (approx.13days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
La-140 (approx.2days)	ND	—	ND	—	1.2E-02	0.03	1.1E-02	0.03	ND	—	ND	—	4E-01

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

TRUE

## 【Definite Report】 Result of nuclide analysis of sea water monitoring &lt;offshore&gt;

(Apr 7, 2/2)

Place of Sampling	15 km offshore of Ukedo-river		15 km offshore of Ukedo-river		15 km offshore of Iwasawa shore		15 km offshore of Iwasawa shore		15 km offshore of Hirono-town		15 km offshore of Hirono-town		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	10:02 Apr 07 2011		2011 Apr 7 sample(Not sampled)		08:43 Apr 07 2011		09:52 Apr 07 2011		08:14 Apr 07 2011		09:15 Apr 07 2011		
Detected Nuclides (Half-life)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (approx. 8 days)	1.6E-01	4.0			5.3E-02	1.3	5.6E-02	1.4	3.0E-02	0.75	4.8E-02	<sup>(3)</sup> 1.2	4E-02
Cs-134 (approx. 2 years)	9.3E-02	1.6			ND	—	2.2E-02	0.37	8.5E-03	0.14	2.8E-02	<sup>(3)</sup> 0.47	6E-02
Cs-137 (approx. 30years)	8.1E-02	0.90			ND	—	ND	—	7.3E-03	0.08	2.4E-02	<sup>(3)</sup> 0.27	9E-02
Mo-99 (approx.66hrs)	ND	—			ND	—	ND	—	ND	—	ND	—	<sup>(1)</sup> 1E+00
Tc-99m (approx.6hrs)	ND	—			ND	—	ND	—	ND	—	ND	—	4E+01
Te-129m (approx.34days)	ND	—			ND	—	ND	—	ND	—	ND	—	3E-01
Te-129 (approx.70mins)	ND	—			ND	—	ND	—	ND	—	ND	—	1E+01
Te-132 (approx. 3 days)	ND	—			ND	—	ND	—	ND	—	ND	—	2E-01
I-132 (approx.2hrs)	ND	—			ND	—	ND	—	ND	—	ND	—	3E+00
Cs-136 (approx.13days)	7.3E-03	0.02			ND	—	ND	—	ND	—	6.4E-03	0.02	3E-01
Ba-140 (approx.13days)	3.3E-02	0.11			ND	—	ND	—	ND	—	ND	—	3E-01
La-140 (approx.2days)	ND	—			ND	—	ND	—	ND	—	ND	—	4E-01

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

FALSE

【Definite Report】 Result of nuclide analysis of sea water monitoring <offshore>

(Apr 7, 2/2)

Place of Sampling	15 km offshore of Ukedo-river		15 km offshore of Ukedo-river		15 km offshore of Iwasawa shore		15 km offshore of Iwasawa shore		15 km offshore of Hirono-town		15 km offshore of Hirono-town		② Density limit by the announcement of Reactor Regulation (Bq/cm3) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	10:02 Apr 07 2011		2011 Apr 7 sample(Not sampled)		08:43 Apr 07 2011		09:52 Apr 07 2011		08:14 Apr 07 2011		09:15 Apr 07 2011		
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (approx. 8 days)	1.6E-01	4.0	/	/	5.3E-02	1.3	5.6E-02	1.4	3.0E-02	0.75	4.8E-02	18.8	4E-02
Cs-134 (approx. 2 years)	9.3E-02	1.6	/	/	ND	—	2.2E-02	0.37	8.5E-03	0.14	2.8E-02	2.4	6E-02
Cs-137 (approx. 30years)	8.1E-02	0.90	/	/	ND	—	ND	—	7.3E-03	0.08	2.4E-02	0.90	9E-02
Mo-99 (approx.66hrs)	ND	—	/	/	ND	—	ND	—	ND	—	ND	—	4E+01
Tc-99m (approx.6hrs)	ND	—	/	/	ND	—	ND	—	ND	—	ND	—	4E+01
Te-129m (approx.34days)	ND	—	/	/	ND	—	ND	—	ND	—	ND	—	3E-01
Te-129 (approx.70mins)	ND	—	/	/	ND	—	ND	—	ND	—	ND	—	1E+01
Te-132 (approx. 3 days)	ND	—	/	/	ND	—	ND	—	ND	—	ND	—	2E-01
I-132 (approx.2hrs)	ND	—	/	/	ND	—	ND	—	ND	—	ND	—	3E+00
Cs-136 (approx.13days)	7.3E-03	0.02	/	/	ND	—	ND	—	ND	—	6.4E-03	0.02	3E-01
Ba-140 (approx.13days)	3.3E-02	0.11	/	/	ND	—	ND	—	ND	—	ND	—	3E-01
La-140 (approx.2days)	ND	—	/	/	ND	—	ND	—	ND	—	ND	—	4E-01

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

TRUE

## 【Definite Report】 Result of nuclide analysis of sea water monitoring &lt;offshore&gt;

(Apr 7, 1/2)

Place of Sampling	15 km offshore of Minami-Souma City		15 km offshore of Minami-Souma City		15 km offshore of Fukushima Daiichi NPS		15 km offshore of Fukushima Daiichi NPS		15 km offshore of Fukushima Daini NPS		15 km offshore of Fukushima Daini NPS		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	10:30 Apr 07 2011		2011 Apr 7 sample(Not sampled)		09:36 Apr 07 2011		2011 Apr 7 sample(Not sampled)		09:08 Apr 07 2011		10:24 Apr 07 2011		
Detected Nuclides (Half-life)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
(1) I-131 (approx. 8 days)	3.7E-01	9.3	/	/	9.9E-02	2.5	/	/	4.0E-02	1.0	4.6E-02	1.2	4E-02
Cs-134 (approx. 2 years)	2.0E-01	3.3	/	/	4.2E-02	0.70	/	/	1.1E-02	0.18	1.9E-02	0.32	6E-02
Cs-137 (approx. 30years)	2.1E-01	2.3	/	/	4.2E-02	0.47	/	/	1.3E-02	0.14	1.9E-02	0.21	9E-02
Mo-99 (approx.66hrs)	ND	—	/	/	ND	—	/	/	ND	—	ND	—	(1) 1E+00
Tc-99m (approx.6hrs)	ND	—	/	/	ND	—	/	/	ND	—	ND	—	4E+01
Te-129m (approx.34days)	ND	—	/	/	ND	—	/	/	ND	—	ND	—	3E-01
Te-129 (approx.70mins)	ND	—	/	/	ND	—	/	/	ND	—	ND	—	1E+01
Te-132 (approx. 3 days)	ND	—	/	/	ND	—	/	/	ND	—	ND	—	2E-01
I-132 (approx.2hrs)	ND	—	/	/	ND	—	/	/	ND	—	ND	—	3E+00
Cs-136 (approx.13days)	1.5E-02	0.05	/	/	ND	—	/	/	ND	—	ND	—	3E-01
Ba-140 (approx.13days)	ND	—	/	/	ND	—	/	/	ND	—	ND	—	3E-01
La-140 (approx.2days)	1.7E-02	0.04	/	/	ND	—	/	/	ND	—	ND	—	4E-01

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

FALSE

【Definite Report】 Result of nuclide analysis of sea water monitoring <offshore>

(Apr 7,1/2)

Place of Sampling	15 km offshore of Minami-Souma City		15 km offshore of Minami-Souma City		15 km offshore of Fukushima Daiichi NPS		15 km offshore of Fukushima Daiichi NPS		15 km offshore of Fukushima Daini NPS		15 km offshore of Fukushima Daini NPS		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	10:30 Apr 07 2011		2011 Apr 7 sample(Not sampled)		09:36 Apr 07 2011		2011 Apr 7 sample(Not sampled)		09:08 Apr 07 2011		10:24 Apr 07 2011		
Detected Nuclides (Half-life)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (approx.34days)	3.7E-01	9.3	/	/	9.9E-02	2.5	/	/	4.0E-02	1.0	4.6E-02	1.2	4E-02
Cs-134 (approx. 2 years)	2.0E-01	3.3	/	/	4.2E-02	0.70	/	/	1.1E-02	0.18	1.9E-02	0.32	6E-02
Cs-137 (approx. 30years)	2.1E-01	2.3	/	/	4.2E-02	0.47	/	/	1.3E-02	0.14	1.9E-02	0.21	9E-02
Mo-99 (approx.66hrs)	ND	—	/	/	ND	—	/	/	ND	—	ND	—	4E+01
Tc-99m (approx.6hrs)	ND	—	/	/	ND	—	/	/	ND	—	ND	—	4E+01
Te-129m (approx.34days)	ND	—	/	/	ND	—	/	/	ND	—	ND	—	3E-01
Te-129 (approx.70mins)	ND	—	/	/	ND	—	/	/	ND	—	ND	—	1E+01
Te-132 (approx. 3 days)	ND	—	/	/	ND	—	/	/	ND	—	ND	—	2E-01
I-132 (approx.2hrs)	ND	—	/	/	ND	—	/	/	ND	—	ND	—	3E+00
Cs-136 (approx.13days)	1.5E-02	0.05	/	/	ND	—	/	/	ND	—	ND	—	3E-01
Ba-140 (approx.13days)	ND	—	/	/	ND	—	/	/	ND	—	ND	—	3E-01
La-140 (approx.2days)	1.7E-02	0.04	/	/	ND	—	/	/	ND	—	ND	—	4E-01

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

TRUE

## 【Definite Report】 Result of nuclide analysis of sea water monitoring &lt;coast&gt;

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time of Sampling	08:40 Apr 09 2011		13:50 Apr 09 2011		08:20 Apr 09 2011		13:30 Apr 09 2011		08:30 Apr 09 2011		08:00 Apr 09 2011	
Detected Nuclides (Half-life)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (approx. 8 days)	1.3E+01	330	7.0E+00	180	6.1E+00	150	7.0E+00	180	1.0E+00	25	9.8E-01	25	4E-02
Cs-134 (approx. 2 years)	9.8E+00	160	5.4E+00	90	4.3E+00	72	4.9E+00	82	7.1E-01	12	6.3E-01	11	6E-02
Cs-137 (approx. 30years)	9.8E+00	110	5.4E+00	60	4.4E+00	49	5.0E+00	56	7.1E-01	7.9	6.1E-01	6.8	9E-02
Mo-99 (approx.66hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	(1) 1E+00
Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Te-129m (approx.34days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
Te-129 (approx.70mins)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	1E+01
Te-132 (approx. 3 days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	2E-01
I-132 (approx.2hrs)	ND	—	(2) 2.6E-02	0.01	ND	—	ND	—	ND	—	ND	—	3E+00
Cs-136 (approx.13days)	5.1E-01	1.7	2.8E-01	0.93	2.3E-01	0.77	2.6E-01	0.87	4.0E-02	0.13	3.0E-02	0.10	3E-01
Ba-140 (approx.13days)	1.2E+00	4.0	5.0E-01	1.7	4.8E-01	1.6	6.0E-01	2.0	6.5E-02	0.22	6.5E-02	0.22	3E-01
La-140 (approx.2days)	5.0E-01	1.3	3.2E-01	0.80	2.4E-01	0.60	2.9E-01	0.73	4.1E-02	0.10	2.7E-02	0.07	4E-01

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

FALSE

【Definite Report】 Result of nuclide analysis of sea water monitoring <coast>

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from)		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16		② Density limit by the announcement of Reactor Regulation (Bq/cm3) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time of Sampling	08:40 Apr 09 2011		13:50 Apr 09 2011		08:20 Apr 09 2011		13:30 Apr 09 2011		08:30 Apr 09 2011		08:00 Apr 09 2011	
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (approx. 8 days)	1.3E+01	330	7.0E+00	180	6.1E+00	150	7.0E+00	180	1.0E+00	25	9.8E-01	25	4E-02
Cs-134 (approx. 2 years)	9.8E+00	160	5.4E+00	90	4.3E+00	72	4.9E+00	82	7.1E-01	12	6.3E-01	11	6E-02
Cs-137 (approx. 30years)	9.8E+00	110	5.4E+00	60	4.4E+00	49	5.0E+00	56	7.1E-01	7.9	6.1E-01	6.8	9E-02
Mo-99 (approx.66hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Te-129m (approx.34days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
Te-129 (approx.70mins)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	1E+01
Te-132 (approx. 3 days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	2E-01
I-132 (approx.2hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E+00
Cs-136 (approx.13days)	5.1E-01	1.7	2.8E-01	0.93	2.3E-01	0.77	2.6E-01	0.87	4.0E-02	0.13	3.0E-02	0.10	3E-01
Ba-140 (approx.13days)	1.2E+00	4.0	5.0E-01	1.7	4.8E-01	1.6	6.0E-01	2.0	6.5E-02	0.22	6.5E-02	0.22	3E-01
La-140 (approx.2days)	5.0E-01	1.3	3.2E-01	0.80	2.4E-01	0.60	2.9E-01	0.73	4.1E-02	0.10	2.7E-02	0.07	4E-01

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.



TRUE

## 【Definite Report】 Result of nuclide analysis of sea water monitoring &lt;offshore &gt;

(Apr 13, 2/2)

Place of Sampling	15 km offshore of Fukushima Daini NPS				15 km offshore of Iwasawa shore				15 km offshore of Hirono-town				② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	2011 Apr 13 sample(Not sampled)		2011 Apr 13 sample(Not sampled)		09:25 Apr 13 2011		2011 Apr 13 sample(Not sampled)		08:42 Apr 13 2011		2011 Apr 13 sample(Not sampled)		
Detected Nuclides (Half-life)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (approx. 8 days)	/	/	/	/	1.2E-01	3.0	/	/	2.1E-02	0.53	/	/	4E-02
Cs-134 (approx. 2 years)	/	/	/	/	1.2E-01	2.0	/	/	1.9E-02	0.32	/	/	6E-02
Cs-137 (approx. 30years)	/	/	/	/	1.1E-01	1.2	/	/	ND	—	/	/	9E-02
Mo-99 (approx.66hrs)	/	/	/	/	ND	—	/	/	ND	—	/	/	(1) 1E+00
Tc-99m (approx.6hrs)	/	/	/	/	ND	—	/	/	ND	—	/	/	4E+01
Te-129m (approx.34days)	/	/	/	/	ND	—	/	/	ND	—	/	/	3E-01
Te-129 (approx.70mins)	/	/	/	/	ND	—	/	/	ND	—	/	/	1E+01
Te-132 (approx. 3 days)	/	/	/	/	ND	—	/	/	ND	—	/	/	2E-01
I-132 (approx.2hrs)	/	/	/	/	ND	—	/	/	ND	—	/	/	3E+00
Cs-136 (approx.13days)	/	/	/	/	ND	—	/	/	ND	—	/	/	3E-01
Ba-140 (approx.13days)	/	/	/	/	ND	—	/	/	ND	—	/	/	3E-01
La-140 (approx.2days)	/	/	/	/	(2) 9.9E-03	0.02	/	/	ND	—	/	/	4E-01

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

FALSE

【Definite Report】 Result of nuclide analysis of sea water monitoring <offshore>

(Apr 13 2/2)

Place of Sampling	15 km offshore of Fukushima Daini NPS				15 km offshore of Iwasawa shore				15 km offshore of Hirono-town				② Density limit by the announcement of Reactor Regulation (Bq/cm3) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	2011 Apr 13 sample(Not sampled)		2011 Apr 13 sample(Not sampled)		09:25 Apr 13 2011		2011 Apr 13 sample(Not sampled)		08:42 Apr 13 2011		2011 Apr 13 sample(Not sampled)		
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (approx. 8 days)	/	/	/	/	1.2E-01	3.0	/	/	2.1E-02	0.53	/	/	4E-02
Cs-134 (approx. 2 years)	/	/	/	/	1.2E-01	2.0	/	/	1.9E-02	0.32	/	/	6E-02
Cs-137 (approx. 30years)	/	/	/	/	1.1E-01	1.2	/	/	ND	—	/	/	9E-02
Mo-99 (approx.66hrs)	/	/	/	/	ND	—	/	/	ND	—	/	/	9E-01
Tc-99m (approx.6hrs)	/	/	/	/	ND	—	/	/	ND	—	/	/	4E+01
Te-129m (approx.34days)	/	/	/	/	ND	—	/	/	ND	—	/	/	3E-01
Te-129 (approx.70mins)	/	/	/	/	ND	—	/	/	ND	—	/	/	1E+01
Te-132 (approx. 3 days)	/	/	/	/	ND	—	/	/	ND	—	/	/	2E-01
I-132 (approx.2hrs)	/	/	/	/	ND	—	/	/	ND	—	/	/	3E+00
Cs-136 (approx.13days)	/	/	/	/	ND	—	/	/	ND	—	/	/	3E-01
Ba-140 (approx.13days)	/	/	/	/	ND	—	/	/	ND	—	/	/	3E-01
La-140 (approx.2days)	/	/	/	/	1.0E-02	0.03	/	/	ND	—	/	/	4E-01

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

TRUE

## 【Definite Report】 Result of nuclide analysis of sea water monitoring &lt;coast&gt;

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/cm3) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time of Sampling	08:50 Apr 14 2011		14:20 Apr 14 2011		08:40 Apr 14 2011		14:00 Apr 14 2011		08:25 Apr 14 2011		07:55 Apr 14 2011	
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (approx. 8 days)	1.3E+00	33	8.1E-01	20	4.3E-01	11	1.2E+00	30	7.5E-01	19	8.4E-01	21	4E-02
Cs-134 (approx. 2 years)	1.2E+00	20	1.0E+00	17	7.1E-01	12	7.9E-01	13	8.8E-01	15	8.6E-01	14	6E-02
Cs-137 (approx. 30years)	1.3E+00	14	1.0E+00	11	7.4E-01	8.2	8.1E-01	9.0	8.5E-01	9.4	8.7E-01	9.7	9E-02
Mo-99 (approx.66hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	(1) 1E+00
Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Te-129m (approx.34days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
Te-129 (approx.70mins)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	1E+01
Te-132 (approx. 3 days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	2E-01
I-132 (approx.2hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E+00
Cs-136 (approx.13days)	4.8E-02	0.16	4.3E-02	0.14	3.0E-02	0.10	2.8E-02	0.09	3.6E-02	0.12	3.9E-02	0.13	3E-01
Ba-140 (approx.13days)	1.1E-01	0.37	ND	—	(2) ND	—	ND	—	7.3E-02	0.24	ND	—	3E-01
La-140 (approx.2days)	4.3E-02	0.11	2.3E-02	0.06	(2) 1.8E-02	0.05	2.7E-02	0.07	3.1E-02	0.08	3.5E-02	0.09	4E-01

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

FALSE

【Definite Report】 Result of nuclide analysis of sea water monitoring <coast>

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/cm3) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time of Sampling	08:50 Apr 14 2011		14:20 Apr 14 2011		08:40 Apr 14 2011		14:00 Apr 14 2011		08:25 Apr 14 2011		07:55 Apr 14 2011	
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (approx. 8 days)	1.3E+00	33	8.1E-01	20	4.3E-01	11	1.2E+00	30	7.5E-01	19	8.4E-01	21	4E-02
Cs-134 (approx. 2 years)	1.2E+00	20	1.0E+00	17	7.1E-01	12	7.9E-01	13	8.8E-01	15	8.6E-01	14	6E-02
Cs-137 (approx. 30years)	1.3E+00	14	1.0E+00	11	7.4E-01	8.2	8.1E-01	9.0	8.5E-01	9.4	8.7E-01	9.7	9E-02
Mo-99 (approx.66hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	9E-01
Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Te-129m (approx.34days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
Te-129 (approx.70mins)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	1E+01
Te-132 (approx. 3 days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	2E-01
I-132 (approx.2hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E+00
Cs-136 (approx.13days)	4.8E-02	0.16	4.3E-02	0.14	3.0E-02	0.10	2.8E-02	0.09	3.6E-02	0.12	3.9E-02	0.13	3E-01
Ba-140 (approx.13days)	1.1E-01	0.37	ND	—	4.0E-02	0.13	ND	—	7.3E-02	0.24	ND	—	3E-01
La-140 (approx.2days)	4.3E-02	0.11	2.3E-02	0.06	1.9E-02	0.05	2.7E-02	0.07	3.1E-02	0.08	3.5E-02	0.09	4E-01

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

TRUE

## 【Definite Report】 Result of nuclide analysis of sea water monitoring &lt;offshore&gt;

(Apr 15 1/2)

Place of Sampling	15 km offshore of Minami-Souma City				15 km offshore of Ukedo-river				15 km offshore of Fukushima Daiichi NPS				② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	09:55 Apr 15 2011		10:30 Apr 15 2011		09:30 Apr 15 2011		09:58 Apr 15 2011		09:00 Apr 15 2011		09:28 Apr 15 2011		
Time of Sampling	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
Detected Nuclides (Half-life)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (approx. 8 days)	7.3E-02	1.8	5.0E-02	1.3	1.9E-01	4.8	1.9E-01	4.8	1.1E-01	2.8	1.2E-01	3.0	4E-02
Cs-134 (approx. 2 years)	6.3E-02	1.1	3.8E-02	0.63	2.1E-01	3.5	2.0E-01	3.3	1.1E-01	1.8	1.3E-01	2.2	6E-02
Cs-137 (approx. 30years)	6.6E-02	0.73	3.7E-02	0.41	2.1E-01	2.3	2.3E-01	2.6	1.2E-01	1.3	1.3E-01	1.4	9E-02
Mo-99 (approx.66hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	(1) 1E+00
Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Te-129m (approx.34days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
Te-129 (approx.70mins)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	1E+01
Te-132 (approx. 3 days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	2E-01
I-132 (approx.2hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E+00
Cs-136 (approx.13days)	ND	—	ND	—	1.1E-02	0.04	1.1E-02	0.04	ND	—	5.4E-03	0.02	3E-01
Ba-140 (approx.13days)	ND	—	ND	—	ND	—	ND	—	2.5E-02	0.08	ND	—	3E-01
La-140 (approx.2days)	6.2E-03	0.02	ND	—	1.3E-02	0.03	(2) 1.6E-02	0.04	6.8E-03	0.02	9.1E-03	0.02	4E-01

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

FALSE

## 【Definite Report】 Result of nuclide analysis of sea water monitoring &lt;offshore&gt;

(Apr 15 1/2)

Place of Sampling	15 km offshore of Minami-Souma City				15 km offshore of Ukedo-river				15 km offshore of Fukushima Daiichi NPS				② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	09:55 Apr 15 2011		10:30 Apr 15 2011		09:30 Apr 15 2011		09:58 Apr 15 2011		09:00 Apr 15 2011		09:28 Apr 15 2011		
Time of Sampling	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
Detected Nuclides (Half-life)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (approx. 8 days)	7.3E-02	1.8	5.0E-02	1.3	1.9E-01	4.8	1.9E-01	4.8	1.1E-01	2.8	1.2E-01	3.0	4E-02
Cs-134 (approx. 2 years)	6.3E-02	1.1	3.8E-02	0.63	2.1E-01	3.5	2.0E-01	3.3	1.1E-01	1.8	1.3E-01	2.2	6E-02
Cs-137 (approx. 30years)	6.6E-02	0.73	3.7E-02	0.41	2.1E-01	2.3	2.3E-01	2.6	1.2E-01	1.3	1.3E-01	1.4	9E-02
Mo-99 (approx.66hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	9E-01
Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Te-129m (approx.34days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
Te-129 (approx.70mins)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	1E+01
Te-132 (approx. 3 days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	2E-01
I-132 (approx.2hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E+00
Cs-136 (approx.13days)	ND	—	ND	—	1.1E-02	0.04	1.1E-02	0.04	ND	—	5.4E-03	0.02	3E-01
Ba-140 (approx.13days)	ND	—	ND	—	ND	—	ND	—	2.5E-02	0.08	ND	—	3E-01
La-140 (approx.2days)	6.2E-03	0.02	ND	—	1.3E-02	0.03	1.7E-02	0.04	6.8E-03	0.02	9.1E-03	0.02	4E-01

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

TRUE

## 【Definite Report】 Result of nuclide analysis of sea water monitoring &lt;offshore&gt;

(Apr 18 2/2)

Place of Sampling	3km offshore of Haramachiku		3km offshore of Kotakaku		3km offshore of Iwasawa shore		offshore of north of Iwajima		8km offshore of Kotakaku		8km offshore of Iwasawa shore		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	09:40 Apr 18 2011		09:25 Apr 18 2011		07:25 Apr 18 2011		06:55 Apr 18 2011		09:05 Apr 18 2011		07:45 Apr 18 2011		
Detected Nuclides (Half-life)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (approx. 8 days)	ND	—	ND	—	2.4E-01	6.0	2.1E-01	5.3	1.3E-02	0.33	1.5E-01	3.8	4E-02
Cs-134 (approx. 2 years)	7.5E-03	0.13	ND	—	3.7E-01	6.2	2.9E-01	4.8	1.7E-02	0.28	3.1E-01	5.2	6E-02
Cs-137 (approx. 30years)	ND	—	ND	—	3.8E-01	4.2	3.3E-01	3.7	1.7E-02	0.19	3.2E-01	3.6	9E-02
Mo-99 (approx.66hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	(1) 1E+00
Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Te-129m (approx.34days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
Te-129 (approx.70mins)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	1E+01
Te-132 (approx. 3 days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	2E-01
I-132 (approx.2hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E+00
Cs-136 (approx.13days)	ND	—	ND	—	1.4E-02	0.05	1.3E-02	0.04	ND	—	1.1E-02	0.04	3E-01
Ba-140 (approx.13days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
La-140 (approx.2days)	ND	—	ND	—	1.5E-02	0.04	2.2E-02	0.06	ND	—	(2) 1.6E-02	0.04	4E-01

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

FALSE

【Definite Report】 Result of nuclide analysis of sea water monitoring <offshore>

(Apr 18 2/2)

Place of Sampling	3km offshore of Haramachiku		3km offshore of Kotakaku		3km offshore of Iwasawa shore		offshore of north of Iwajima		8km offshore of Kotakaku		8km offshore of Iwasawa shore		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	09:40 Apr 18 2011		09:25 Apr 18 2011		07:25 Apr 18 2011		06:55 Apr 18 2011		09:05 Apr 18 2011		07:45 Apr 18 2011		
Detected Nuclides (Half-life)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (approx. 8 days)	ND	—	ND	—	2.4E-01	6.0	2.1E-01	5.3	1.3E-02	0.33	1.5E-01	3.8	4E-02
Cs-134 (approx. 2 years)	7.5E-03	0.13	ND	—	3.7E-01	6.2	2.9E-01	4.8	1.7E-02	0.28	3.1E-01	5.2	6E-02
Cs-137 (approx. 30years)	ND	—	ND	—	3.8E-01	4.2	3.3E-01	3.7	1.7E-02	0.19	3.2E-01	3.6	9E-02
Mo-99 (approx.66hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Te-129m (approx.34days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
Te-129 (approx.70mins)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	1E+01
Te-132 (approx. 3 days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	2E-01
I-132 (approx.2hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E+00
Cs-136 (approx.13days)	ND	—	ND	—	1.4E-02	0.05	1.3E-02	0.04	ND	—	1.1E-02	0.04	3E-01
Ba-140 (approx.13days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
La-140 (approx.2days)	ND	—	ND	—	1.5E-02	0.04	2.2E-02	0.06	ND	—	1.5E-02	0.04	4E-01

\* O.OE-O has same meaning as O.Ox10-O.

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.



TRUE

## 【Definite Report】 Nuclide Analysis Results of Seawater &lt;Coast&gt;

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time of Sampling	2011/4/25 9:20		2011/4/25 14:00		2011/4/25 9:00		2011/4/25 13:40		2011/4/25 8:35		2011/4/25 8:10	
Detected Nuclides (Half-life)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (approx. 8 days)	1.0E-01	2.5	1.4E-01	3.5	2.1E-02	0.53	2.1E-02	0.53	3.4E-02	0.85	2.4E-02	0.60	4E-02
Cs-134 (approx. 2 years)	2.0E-01	3.3	1.7E-01	2.8	7.9E-02	1.3	9.1E-02	1.5	7.6E-02	1.3	8.0E-02	(3) 1.3	6E-02
Cs-137 (approx. 30years)	2.0E-01	2.2	2.0E-01	2.2	9.4E-02	1.0	1.0E-01	1.1	7.6E-02	0.84	7.8E-02	0.87	9E-02
Mo-99 (approx.66hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	(1) 1E+00
Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Te-129m (approx.34days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
Te-129 (approx.70mins)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	1E+01
Te-132 (approx. 3 days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	2E-01
I-132 (approx.2hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E+00
Cs-136 (approx.13days)	ND	—	6.5E-03	0.02	ND	—	4.4E-03	0.01	ND	—	ND	—	3E-01
Ba-140 (approx.13days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
La-140 (approx.2days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E-01

\* O.OE—O means O.O x 10-O

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

FALSE

## 【Definite Report】 Nuclide Analysis Results of Seawater &lt;Coast&gt;

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time of Sampling	2011/4/25 9:20		2011/4/25 14:00		2011/4/25 9:00		2011/4/25 13:40		2011/4/25 8:35		2011/4/25 8:10	
Detected Nuclides (Half-life)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (approx. 8 days)	1.0E-01	2.5	1.4E-01	3.5	2.1E-02	0.53	2.1E-02	0.53	3.4E-02	0.85	2.4E-02	0.60	4E-02
Cs-134 (approx. 2 years)	2.0E-01	3.3	1.7E-01	2.8	7.9E-02	1.3	9.1E-02	1.5	7.6E-02	1.3	8.0E-02	1.33	6E-02
Cs-137 (approx. 30years)	2.0E-01	2.2	2.0E-01	2.2	9.4E-02	1.0	1.0E-01	1.1	7.6E-02	0.84	7.8E-02	0.87	9E-02
Mo-99 (approx.66hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Te-129m (approx.34days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
Te-129 (approx.70mins)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	1E+01
Te-132 (approx. 3 days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	2E-01
I-132 (approx.2hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E+00
Cs-136 (approx.13days)	ND	—	6.5E-03	0.02	ND	—	4.4E-03	0.01	ND	—	ND	—	3E-01
Ba-140 (approx.13days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
La-140 (approx.2days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E-01

\* O.OE—O means O.O x 10-O

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

TRUE

## 【Definite Report】 Result of nuclide analysis of sea water &lt;offshore 1/4&gt;

Place of Sampling	15 km offshore of Minami-Souma City		km offshore of Ukedo-riv		15 km offshore of Fukushima Daiichi NPS		15 km offshore of Fukushima Daini NPS		15 km offshore of Iwasawa shore		15 km offshore of Hirono-town		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	08:56 May 06 2011		08:34 May 06 2011		08:10 May 06 2011		07:50 May 06 2011		07:23 May 06 2011		07:05 May 06 2011		
Detected Nuclides (Half-life)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (approx. 8 days)	ND	—	ND	—	ND	—	6.2E-03	0.16	ND	—	ND	—	4E-02
Cs-134 (approx. 2 years)	6.1E-03	0.10	ND	—	ND	—	ND	—	1.4E-02	0.23	1.6E-02	0.27	6E-02
Cs-137 (approx. 30years)	ND	—	ND	—	ND	—	ND	—	1.6E-02	0.18	1.6E-02	0.18	9E-02
Mo-99 (approx.66hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	(1) 1E+00
Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Te-129m (approx.34days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
Te-129 (approx.70mins)	ND	—	(5) 1.1E-01	0.01	ND	—	ND	—	ND	—	ND	—	1E+01
Te-132 (approx. 3 days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	2E-01
I-132 (approx.2hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E+00
Cs-136 (approx.13days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
Ba-140 (approx.13days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
La-140 (approx.2days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E-01

\* O.OE—O means O.O x 10-O

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

FALSE

## 【Definite Report】 Result of nuclide analysis of sea water &lt;offshore 1/4&gt;

Place of Sampling	15 km offshore of Minami-Souma City		km offshore of Ukedo-riv		15 km offshore of Fukushima Daiichi NPS		15 km offshore of Fukushima Daini NPS		15 km offshore of Iwasawa shore		15 km offshore of Hirono-town		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	08:56 May 06 2011		08:34 May 06 2011		08:10 May 06 2011		07:50 May 06 2011		07:23 May 06 2011		07:05 May 06 2011		
Detected Nuclides (Half-life)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (approx. 8 days)	ND	—	ND	—	ND	—	6.2E-03	0.16	ND	—	ND	—	4E-02
Cs-134 (approx. 2 years)	6.1E-03	0.10	ND	—	ND	—	ND	—	1.4E-02	0.23	1.6E-02	0.27	6E-02
Cs-137 (approx. 30years)	ND	—	ND	—	ND	—	ND	—	1.6E-02	0.18	1.6E-02	0.18	9E-02
Mo-99 (approx.66hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Te-129m (approx.34days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
Te-129 (approx.70mins)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	1E+01
Te-132 (approx. 3 days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	2E-01
I-132 (approx.2hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E+00
Cs-136 (approx.13days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
Ba-140 (approx.13days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
La-140 (approx.2days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E-01

\* O.OE—O means O.O x 10-O

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

TRUE

## 【Definite Report】 Result of nuclide analysis of sea water &lt;offshore 3/4&gt;

Place of Sampling	3km offshore of Natsugigawa		3km offshore of Onahama port		3km offshore of Ena		km offshore of Numanou		3km offshore of Toyoma		3 km offshore of Souma City Upper layer		② Density limit by the announcement of Reactor Regulation (Bq/cm3) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	06:50 May 06 2011		05:45 May 06 2011		06:00 May 06 2011		06:35 May 06 2011		06:15 May 06 2011		2011 May 6 (Not sampled)		
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (approx. 8 days)	7.1E-03	0.18	ND	—	6.0E-03	0.15	8.3E-03	0.21	ND	—	/	/	4E-02
Cs-134 (approx. 2 years)	2.1E-02	0.35	ND	—	ND	—	ND	—	ND	—	/	/	6E-02
Cs-137 (approx. 30years)	ND	—	ND	—	ND	—	2.5E-02	0.28	ND	—	/	/	9E-02
Mo-99 (approx.66hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	/	/	(1) 1E+00
Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	/	/	4E+01
Te-129m (approx.34days)	ND	—	ND	—	ND	—	ND	—	ND	—	/	/	3E-01
Te-129 (approx.70mins)	ND	—	ND	—	(5) 8.3E-02	0.01	ND	—	ND	—	/	/	1E+01
Te-132 (approx. 3 days)	ND	—	ND	—	ND	—	ND	—	ND	—	/	/	2E-01
I-132 (approx.2hrs)	ND	—	ND	—	ND	—	ND	—	ND	—	/	/	3E+00
Cs-136 (approx.13days)	ND	—	ND	—	ND	—	ND	—	ND	—	/	/	3E-01
Ba-140 (approx.13days)	ND	—	ND	—	ND	—	ND	—	ND	—	/	/	3E-01
La-140 (approx.2days)	ND	—	ND	—	ND	—	ND	—	ND	—	/	/	4E-01

\* O.OE—O means O.O x 10-O

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

FALSE

【Definite Report】 Result of nuclide analysis of sea water <offshore 3/4>

Place of Sampling	3km offshore of Natsugigawa		3km offshore of Onahama port		3km offshore of Ena		km offshore of Numanou		3km offshore of Toyoma		3 km offshore of Souma City Upper layer		② Density limit by the announcement of Reactor Regulation (Bq/cm3) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	06:50 May 06 2011		05:45 May 06 2011		06:00 May 06 2011		06:35 May 06 2011		06:15 May 06 2011		2011 May 6 (Not sampled)		
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (approx. 8 days)	7.1E-03	0.18	ND	—	6.0E-03	0.15	8.3E-03	0.21	ND	—			4E-02
Cs-134 (approx. 2 years)	2.1E-02	0.35	ND	—	ND	—	ND	—	ND	—			6E-02
Cs-137 (approx. 30years)	ND	—	ND	—	ND	—	2.5E-02	0.28	ND	—			9E-02
Mo-99 (approx.66hrs)	ND	—	ND	—	ND	—	ND	—	ND	—			4E+01
Tc-99m (approx.6hrs)	ND	—	ND	—	ND	—	ND	—	ND	—			4E+01
Te-129m (approx.34days)	ND	—	ND	—	ND	—	ND	—	ND	—			3E-01
Te-129 (approx.70mins)	ND	—	ND	—	ND	—	ND	—	ND	—			1E+01
Te-132 (approx. 3 days)	ND	—	ND	—	ND	—	ND	—	ND	—			2E-01
I-132 (approx.2hrs)	ND	—	ND	—	ND	—	ND	—	ND	—			3E+00
Cs-136 (approx.13days)	ND	—	ND	—	ND	—	ND	—	ND	—			3E-01
Ba-140 (approx.13days)	ND	—	ND	—	ND	—	ND	—	ND	—			3E-01
La-140 (approx.2days)	ND	—	ND	—	ND	—	ND	—	ND	—			4E-01

\* O.OE—O means O.O x 10-O

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

TRUE

## 【Definite Report】 Result of nuclide analysis of sea water &lt;offshore 1/4&gt;

Place of Sampling	15 km offshore of Minami-Souma City		km offshore of Ukedo-riv		15 km offshore of Fukushima Daiichi NPS		15 km offshore of Fukushima Daini NPS		15 km offshore of Iwasawa shore		15 km offshore of Hirono-town		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	10:20 May 09 2011		09:55 May 09 2011		09:05 May 09 2011		08:20 May 09 2011		09:30 May 09 2011		09:00 May 09 2011		
Detected Nuclides (Half-life)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (approx. 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	4E-02
Cs-134 (approx. 2 years)	1.3E-02	0.22	ND	-	ND	-	1.5E-02	0.25	1.7E-02	0.28	9.7E-03	0.16	6E-02
Cs-137 (approx. 30years)	1.8E-02	0.20	ND	-	ND	-	ND	-	1.3E-02	0.14	ND	-	9E-02
Mo-99 (approx.66hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	(1) 1E+00
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	4E+01
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3E-01
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	(5) 7.8E-02	0.01	ND	-	ND	-	1E+01
Te-132 (approx. 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	2E-01
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3E+00
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3E-01
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3E-01
La-140 (approx.2days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	4E-01

\* O.OE—O means O.O x 10-O

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

FALSE

## 【Definite Report】 Result of nuclide analysis of sea water &lt;offshore 1/4&gt;

Place of Sampling	15 km offshore of Minami-Souma City		km offshore of Ukedo-riv		15 km offshore of Fukushima Daiichi NPS		15 km offshore of Fukushima Daini NPS		15 km offshore of Iwasawa shore		15 km offshore of Hirono-town		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	10:20 May 09 2011		09:55 May 09 2011		09:05 May 09 2011		08:20 May 09 2011		09:30 May 09 2011		09:00 May 09 2011		
Detected Nuclides (Half-life)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (approx. 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	4E-02
Cs-134 (approx. 2 years)	1.3E-02	0.22	ND	-	ND	-	1.5E-02	0.25	1.7E-02	0.28	9.7E-03	0.16	6E-02
Cs-137 (approx. 30years)	1.8E-02	0.20	ND	-	ND	-	ND	-	1.3E-02	0.14	ND	-	9E-02
Mo-99 (approx.66hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	4E+01
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	4E+01
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3E-01
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	5.0E-02	0.01	ND	-	ND	-	1E+01
Te-132 (approx. 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	2E-01
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3E+00
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3E-01
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3E-01
La-140 (approx.2days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	4E-01

\* O.OE—O means O.O x 10-O

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.



TRUE

## 【Definite Report】 Result of nuclide analysis of sea water &lt;offshore 4/4 &gt;

Place of Sampling	3 km offshore of Ena Upper layer		3 km offshore of Ena Lower layer		3 km offshore of Numanouchi Upper layer		3 km offshore of Numanouchi Lower layer		3 km offshore of Toyoma Upper layer		3 km offshore of Toyoma Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	06:40 May 09 2011		06:55 May 09 2011		05:45 May 09 2011		05:45 May 09 2011		06:00 May 09 2011		06:00 May 09 2011		
Detected Nuclides (Half-life)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (approx. 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	4E-02
Cs-134 (approx. 2 years)	ND	-	5.4E-03	0.09	ND	-	5.9E-03	0.10	ND	-	5.3E-03	0.09	6E-02
Cs-137 (approx. 30years)	ND	-	ND	-	ND	-	ND	-	ND	-	5.4E-03	0.06	9E-02
Mo-99 (approx.66hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	(1) 1E+00
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	4E+01
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3E-01
Te-129 (approx.70mins)	ND	-	ND	-	(5) 7.4E-02	0.01	ND	-	ND	-	ND	-	1E+01
Te-132 (approx. 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	2E-01
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3E+00
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3E-01
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3E-01
La-140 (approx.2days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	4E-01

\* O.OE—O means O.O x 10-O

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

FALSE

## 【Definite Report】 Result of nuclide analysis of sea water &lt;offshore 4/4 &gt;

Place of Sampling	3 km offshore of Ena Upper layer		3 km offshore of Ena Lower layer		3 km offshore of Numanouchi Upper layer		3 km offshore of Numanouchi Lower layer		3 km offshore of Toyoma Upper layer		3 km offshore of Toyoma Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	06:40 May 09 2011		06:55 May 09 2011		05:45 May 09 2011		05:45 May 09 2011		06:00 May 09 2011		06:00 May 09 2011		
Detected Nuclides (Half-life)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①density of sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (approx. 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	4E-02
Cs-134 (approx. 2 years)	ND	-	5.4E-03	0.09	ND	-	5.9E-03	0.10	ND	-	5.3E-03	0.09	6E-02
Cs-137 (approx. 30years)	ND	-	ND	-	ND	-	ND	-	ND	-	5.4E-03	0.06	9E-02
Mo-99 (approx.66hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	4E+01
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	4E+01
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3E-01
Te-129 (approx.70mins)	ND	-	ND	-	4.7E-02	0.00	ND	-	ND	-	ND	-	1E+01
Te-132 (approx. 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	2E-01
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3E+00
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3E-01
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3E-01
La-140 (approx.2days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	4E-01

\* O.OE—O means O.O x 10-O

\* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

TRUE

Result of nuclide analysis of sub drain 5U of Fukushima Daiichi NPS

(Re-evaluation)

Place of Sampling	Sub drain water of 5U Fukushima Daiichi NPS
Date of sampling	March 30, 2011
Detected Nuclides (Half-life)	density of sample (Bq/cm <sup>3</sup> )
I-131 (approx. 8 days)	1.6×10 <sup>0</sup>
Te-129 (approx.70mins)	(5) 3.5×10 <sup>-1</sup>
Te-132 (approx.3days)	1.0×10 <sup>-1</sup>
Cs-134 (approx. 2 years)	2.5×10 <sup>-1</sup>
Cs-136 (approx.13days)	2.7×10 <sup>-2</sup>
Cs-137 (approx. 30years)	2.7×10 <sup>-1</sup>

FALSE

Result of nuclide analysis of sub drain 5U of Fukushima Daiichi NPS

(Re-evaluation)

Place of Sampling	Sub drain water of 5U Fukushima Daiichi NPS
Date of sampling	March 30, 2011
Detected Nuclides (Half-life)	density of sample (Bq/cm <sup>3</sup> )
I-131 (approx. 8 days)	$1.6 \times 10^0$
Te-132 (approx. 3 days)	$1.0 \times 10^{-1}$
Cs-134 (approx. 2 years)	$2.5 \times 10^{-1}$
Cs-136 (approx. 13 days)	$2.7 \times 10^{-2}$
Cs-137 (approx. 30 years)	$2.7 \times 10^{-1}$

TRUE

## 【Definite Report】 Result of nuclide analysis of sub drain of Fukushima Daiichi NPS

Place of Sampling	Fukushima Daiichi NPS 1U sub-drain	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 3U sub-drain	Fukushima Daiichi NPS 4U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS 6U sub-drain	Fukushima Daiichi NPS Deep well
Date of sampling	11:30 Apr 06 2011	11:40 Apr 06 2011	11:05 Apr 06 2011	10:55 Apr 06 2011	11:50 Apr 06 2011	12:05 Apr 06 2011	10:30 Apr 06 2011
Detected Nuclides (Half-life)	density of sample (Bq/cm <sup>3</sup> )						
Nb-95 (approx.35days)	ND	1.3E-02	ND	ND	ND	ND	ND
Ag-110m (approx.250days)	ND	ND	ND	ND	ND	ND	ND
(1) Te-129 (approx.70mins)	ND	ND	ND	ND	ND	ND	ND
Te-129m (approx.34days)	ND	(2) 6.8E-01	ND	ND	ND	ND	ND
I-131 (approx. 8 days)	(2) 7.2E+01	3.6E+01	7.1E+00	2.4E+01	1.4E+00	6.9E-01	7.9E-02
I-132 (approx.2hrs)	(2) 1.0E-01	ND	2.3E-01	3.8E-02	4.6E-02	ND	ND
Te-132 (approx.78hrs)	ND	6.8E-02	2.7E-02	ND	(2) ND	2.1E-02	ND
Cs-134 (approx.2 years)	1.4E+00	9.4E-01	2.0E+00	1.8E+00	8.5E-01	4.6E-01	2.4E-02
Cs-136 (approx.13days)	6.4E-02	4.6E-02	1.3E-01	1.1E-01	5.5E-02	2.8E-02	ND
Cs-137 (approx. 30years)	1.6E+00	1.0E+00	2.1E+00	1.9E+00	9.2E-01	5.0E-01	3.3E-02
Ba-140 (approx.13days)	ND	ND	ND	ND	ND	ND	ND
La-140 (approx.40hrs)	ND	1.9E-02	2.5E-02	ND	ND	ND	ND

\* 0.0E+0 has the same meaning as 0.0 × 10<sup>+0</sup>.

FALSE

【Definite Report】 Result of nuclide analysis of sub drain of Fukushima Daiichi NPS

Place of Sampling	Fukushima Daiichi NPS 1U sub-drain	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 3U sub-drain	Fukushima Daiichi NPS 4U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS 6U sub-drain	Fukushima Daiichi NPS Deep well
Date of sampling	11:30 Apr 06 2011	11:40 Apr 06 2011	11:05 Apr 06 2011	10:55 Apr 06 2011	11:50 Apr 06 2011	12:05 Apr 06 2011	10:30 Apr 06 2011
Detected Nuclides (Half-life)	density of sample (Bq/cm3)						
Nb-95 (approx.35days)	ND	1.3E-02	ND	ND	ND	ND	ND
Ag-110m (approx.250days)	ND	ND	ND	ND	ND	ND	ND
Te-129 (approx.70hrs)	ND	ND	ND	ND	ND	ND	ND
Te-129m (approx.34days)	ND	1.9E-02	ND	ND	ND	ND	ND
I-131 (approx. 8 days)	7.2E+00	3.6E+01	7.1E+00	2.4E+01	1.4E+00	6.9E-01	7.9E-02
I-132 (approx.2hrs)	ND	ND	2.3E-01	3.8E-02	4.6E-02	ND	ND
Te-132 (approx.78hrs)	ND	6.8E-02	2.7E-02	ND	2.1E-02	2.1E-02	ND
Cs-134 (approx. 2 years)	1.4E+00	9.4E-01	2.0E+00	1.8E+00	8.5E-01	4.6E-01	2.4E-02
Cs-136 (approx.13days)	6.4E-02	4.6E-02	1.3E-01	1.1E-01	5.5E-02	2.8E-02	ND
Cs-137 (approx. 30years)	1.6E+00	1.0E+00	2.1E+00	1.9E+00	9.2E-01	5.0E-01	3.3E-02
Ba-140 (approx.13days)	ND	ND	ND	ND	ND	ND	ND
La-140 (approx.40hrs)	ND	1.9E-02	2.5E-02	ND	ND	ND	ND

\* 0.0E+0 has the same meaning as 0.0 x 10 + 0.

TRUE

## 【Definite Report】 Result of nuclide analysis of sub drain of Fukushima Daiichi NPS

Place of Sampling	Fukushima Daiichi NPS 1U sub-drain	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 3U sub-drain	Fukushima Daiichi NPS 4U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS 6U sub-drain	Fukushima Daiichi NPS Deep well
Date of sampling	11:30 Apr 13 2011	11:50 Apr 13 2011	11:25 Apr 13 2011	11:20 Apr 13 2011	12:00 Apr 13 2011	12:10 Apr 13 2011	10:05 Apr 13 2011
Detected Nuclides (Half-life)	density of sample (Bq/cm <sup>3</sup> )						
Nb-95 (approx.35days)	ND	ND	(2) 1.8E-02	ND	ND	ND	ND
Ag-110m (approx.250days)	ND	ND	ND	ND	ND	ND	ND
(1) Te-129 (approx.70mins)	ND	ND	ND	(2) 8.3E-01	ND	ND	ND
Te-129m (approx.34days)	2.9E+01	ND	9.6E-01	8.3E-01	ND	ND	ND
I-131 (approx. 8 days)	4.0E+02	6.1E+02	3.6E+00	1.7E+01	1.6E-01	1.9E-01	ND
I-132 (approx.2hrs)	ND	ND	4.0E-02	2.3E-02	ND	ND	ND
Te-132 (approx.78hrs)	7.9E-01	ND	ND	ND	ND	ND	ND
Cs-134 (approx. 2 years)	5.3E+01	7.9E+00	2.4E+00	2.7E+00	2.7E-01	2.6E-01	ND
Cs-136 (approx.13days)	2.1E+00	2.6E-01	1.0E-01	1.1E-01	1.3E-02	1.1E-02	ND
Cs-137 (approx. 30years)	6.0E+01	9.1E+00	2.4E+00	2.7E+00	2.8E-01	2.8E-01	ND
Ba-140 (approx.13days)	ND	4.8E-01	ND	ND	ND	ND	ND
La-140 (approx.40hrs)	8.5E-01	1.7E-01	2.0E-02	ND	ND	ND	ND

\* 0.0E+0 has the same meaning as 0.0 x 10 + 0.

FALSE

【Definite Report】 Result of nuclide analysis of sub drain of Fukushima Daiichi NPS

Place of Sampling	Fukushima Daiichi NPS 1U sub-drain	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 3U sub-drain	Fukushima Daiichi NPS 4U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS 6U sub-drain	Fukushima Daiichi NPS Deep well
Date of sampling	11:30 Apr 13 2011	11:50 Apr 13 2011	11:25 Apr 13 2011	11:20 Apr 13 2011	12:00 Apr 13 2011	12:10 Apr 13 2011	10:05 Apr 13 2011
Detected Nuclides (Half-life)	density of sample (Bq/cm <sup>3</sup> )						
Nb-95 (approx.35days)	ND	ND	ND	ND	ND	ND	ND
Ag-110m (approx.250days)	ND	ND	ND	ND	ND	ND	ND
Te-129 (approx.70hrs)	ND	ND	ND	ND	ND	ND	ND
Te-129m (approx.34days)	2.9E+01	ND	9.6E-01	8.3E-01	ND	ND	ND
I-131 (approx.8days)	4.0E+02	6.1E+02	3.6E+00	1.7E+01	1.6E-01	1.9E-01	ND
I-132 (approx.2hrs)	ND	ND	4.0E-02	2.3E-02	ND	ND	ND
Te-132 (approx.78hrs)	7.9E-01	ND	ND	ND	ND	ND	ND
Cs-134 (approx.2years)	5.3E+01	7.9E+00	2.4E+00	2.7E+00	2.7E-01	2.6E-01	ND
Cs-136 (approx.13days)	2.1E+00	2.6E-01	1.0E-01	1.1E-01	1.3E-02	1.1E-02	ND
Cs-137 (approx. 30years)	6.0E+01	9.1E+00	2.4E+00	2.7E+00	2.8E-01	2.8E-01	ND
Ba-140 (approx.13days)	ND	4.8E-01	ND	ND	ND	ND	ND
La-140 (approx.40hrs)	8.5E-01	1.7E-01	2.0E-02	ND	ND	ND	ND

\* 0.0E+0 has the same meaning as 0.0 × 10 + 0.



TRUE

## 【Definite Report】 Result of nuclide analysis of sub drain of Fukushima Daiichi NPS

Place of Sampling	Fukushima Daiichi NPS 1U sub-drain	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 3U sub-drain	Fukushima Daiichi NPS 4U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS 6U sub-drain	Fukushima Daiichi NPS Deep well
Date of sampling	10:18 Apr 16 2011	10:15 Apr 16 2011	09:55 Apr 16 2011	09:50 Apr 16 2011	10:27 Apr 16 2011	10:30 Apr 16 2011	10:25 Apr 16 2011
Detected Nuclides (Half-life)	density of sample (Bq/cm <sup>3</sup> )						
Nb-95 (approx.35days)	ND	ND	ND	ND	ND	ND	ND
Ag-110m (approx.250days)	ND	ND	ND	ND	ND	ND	ND
(1) Te-129 (approx.70mins)	ND	ND	ND	ND	ND	ND	ND
Te-129m (approx.34days)	ND	ND	1.4E+00	ND	ND	5.2E-01	ND
I-131 (approx. 8 days)	8.4E+01	5.4E+02	4.7E+00	1.3E+01	2.0E-01	2.1E-01	1.5E-02
I-132 (approx.2hrs)	ND	ND	3.3E-02	2.4E-02	ND	ND	ND
Te-132 (approx.78hrs)	ND	ND	ND	ND	ND	ND	ND
Cs-134 (approx.2years)	1.5E+01	5.8E+00	4.3E+00	2.7E+00	3.4E-01	3.5E-01	ND
Cs-136 (approx.13days)	3.9E-01	ND	1.4E-01	1.1E-01	1.1E-02	9.8E-03	ND
Cs-137 (approx. 30years)	1.9E+01	7.1E+00	4.5E+00	2.7E+00	3.7E-01	3.9E-01	ND
Ba-140 (approx.13days)	ND	ND	ND	ND	ND	ND	ND
La-140 (approx.40hrs)	ND	ND	ND	ND	ND	ND	ND

\* 0.0E+0 has the same meaning as 0.0 × 10 + 0.

FALSE

【Definite Report】 Result of nuclide analysis of sub drain of Fukushima Daiichi NPS

Place of Sampling	Fukushima Daiichi NPS 1U sub-drain	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 3U sub-drain	Fukushima Daiichi NPS 4U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS 6U sub-drain	Fukushima Daiichi NPS Deep well
Date of sampling	10:18 Apr 16 2011	10:15 Apr 16 2011	09:55 Apr 16 2011	09:50 Apr 16 2011	10:27 Apr 16 2011	10:30 Apr 16 2011	10:25 Apr 16 2011
Detected Nuclides (Half-life)	density of sample (Bq/cm <sup>3</sup> )						
Nb-95 (approx.35days)	ND	ND	ND	ND	ND	ND	ND
Ag-110m (approx.250days)	ND	ND	ND	ND	ND	ND	ND
Te-129 (approx.70hrs)	ND	ND	ND	ND	ND	ND	ND
Te-129m (approx.34days)	ND	ND	1.4E+00	ND	ND	5.2E-01	ND
I-131 (approx. 8 days)	8.4E+01	5.4E+02	4.7E+00	1.3E+01	2.0E-01	2.1E-01	1.5E-02
I-132 (approx.2hrs)	ND	ND	3.3E-02	2.4E-02	ND	ND	ND
Te-132 (approx.78hrs)	ND	ND	ND	ND	ND	ND	ND
Cs-134 (approx. 2 years)	1.5E+01	5.8E+00	4.3E+00	2.7E+00	3.4E-01	3.5E-01	ND
Cs-136 (approx.13days)	3.9E-01	ND	1.4E-01	1.1E-01	1.1E-02	9.8E-03	ND
Cs-137 (approx. 30years)	1.9E+01	7.1E+00	4.5E+00	2.7E+00	3.7E-01	3.9E-01	ND
Ba-140 (approx.13days)	ND	ND	ND	ND	ND	ND	ND
La-140 (approx.40hrs)	ND	ND	ND	ND	ND	ND	ND

\* 0.0E+0 has the same meaning as 0.0 × 10 + 0.

TRUE

## 【Definite Report】 Result of nuclide analysis of sub drain of Fukushima Daiichi NPS

Place of Sampling	Fukushima Daiichi NPS 1U sub-drain	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 3U sub-drain	Fukushima Daiichi NPS 4U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS 6U sub-drain	Fukushima Daiichi NPS Deep well
Date of sampling	10:20 Apr 18 2011	10:30 Apr 18 2011	10:10 Apr 18 2011	09:45 Apr 18 2011	10:40 Apr 18 2011	10:45 Apr 18 2011	09:00 Apr 18 2011
Detected Nuclides (Half-life)	density of sample (Bq/cm <sup>3</sup> )						
Nb-95 (approx.35days)	ND	ND	ND	ND	ND	ND	ND
Ag-110m (approx.250days)	ND	ND	ND	ND	ND	ND	ND
(1) Te-129 (approx.70mins)	ND	ND	ND	ND	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	ND	ND	ND
I-131 (approx. 8 days)	4.3E+01	(2) 4.5E+02	2.6E+00	7.9E+00	1.0E-01	5.6E-02	8.3E-03
I-132 (approx.2hrs)	ND	ND	ND	ND	ND	ND	ND
Te-132 (approx.78hrs)	ND	ND	ND	ND	ND	ND	ND
Cs-134 (approx. 2 years)	1.1E+01	5.8E+00	2.2E+00	8.6E-01	6.6E-02	7.8E-02	7.9E-03
Cs-136 (approx.13days)	3.1E-01	ND	8.7E-02	2.9E-02	ND	ND	ND
Cs-137 (approx. 30years)	1.2E+01	6.7E+00	2.3E+00	9.2E-01	7.1E-02	7.6E-02	ND
Ba-140 (approx.13days)	ND	ND	ND	ND	ND	ND	ND
La-140 (approx.40hrs)	7.9E-02	ND	ND	ND	ND	ND	ND

\* 0.0E+0 has the same meaning as 0.0 × 10 + 0.

FALSE

【Definite Report】 Result of nuclide analysis of sub drain of Fukushima Daiichi NPS

Place of Sampling	Fukushima Daiichi NPS 1U sub-drain	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 3U sub-drain	Fukushima Daiichi NPS 4U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS 6U sub-drain	Fukushima Daiichi NPS Deep well
Date of sampling	10:20 Apr 18 2011	10:30 Apr 18 2011	10:10 Apr 18 2011	09:45 Apr 18 2011	10:40 Apr 18 2011	10:45 Apr 18 2011	09:00 Apr 18 2011
Detected Nuclides (Half-life)	density of sample (Bq/cm3)						
Nb-95 (approx.35days)	ND	ND	ND	ND	ND	ND	ND
Ag-110m (approx.250days)	ND	ND	ND	ND	ND	ND	ND
Te-129 (approx.70hrs)	ND	ND	ND	ND	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	ND	ND	ND
I-131 (approx. 8 days)	4.3E+01	4.5E+01	2.6E+00	7.9E+00	1.0E-01	5.6E-02	8.3E-03
I-132 (approx.2hrs)	ND	ND	ND	ND	ND	ND	ND
Te-132 (approx.78hrs)	ND	ND	ND	ND	ND	ND	ND
Cs-134 (approx. 2 years)	1.1E+01	5.8E+00	2.2E+00	8.6E-01	6.6E-02	7.8E-02	7.9E-03
Cs-136 (approx.13days)	3.1E-01	ND	8.7E-02	2.9E-02	ND	ND	ND
Cs-137 (approx. 30years)	1.2E+01	6.7E+00	2.3E+00	9.2E-01	7.1E-02	7.6E-02	ND
Ba-140 (approx.13days)	ND	ND	ND	ND	ND	ND	ND
La-140 (approx.40hrs)	7.9E-02	ND	ND	ND	ND	ND	ND

\* 0.0E+0 has the same meaning as 0.0 × 10 + 0.

TRUE

## 【Definite Report】 Result of nuclide analysis of sub drain of Fukushima Daiichi NPS

Place of Sampling	Fukushima Daiichi NPS 1U sub-drain	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 3U sub-drain	Fukushima Daiichi NPS 4U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS 6U sub-drain	Fukushima Daiichi NPS Deep well
Date of sampling	11:00 Apr 20 2011	11:05 Apr 20 2011	11:25 Apr 20 2011	11:20 Apr 20 2011	10:30 Apr 20 2011	10:40 Apr 20 2011	10:10 Apr 20 2011
Detected Nuclides (Half-life)	density of sample (Bq/cm <sup>3</sup> )						
Nb-95 (approx.35days)	(2) 1.2E+00	ND	ND	ND	ND	ND	ND
Ag-110m (approx.250days)	5.1E+00	ND	ND	ND	ND	ND	ND
(1) Te-129 (approx.70mins)	ND	ND	ND	ND	ND	ND	ND
Te-129m (approx.34days)	3.9E+02	ND	(2) 2.3E+00	1.8E+00	ND	ND	ND
I-131 (approx. 8 days)	2.4E+02	4.4E+02	5.9E+00	1.8E+01	4.0E-02	5.7E-01	ND
I-132 (approx.2hrs)	ND	ND	ND	ND	ND	ND	ND
Te-132 (approx.78hrs)	2.6E+00	ND	ND	ND	ND	ND	ND
Cs-134 (approx. 2 years)	7.9E+01	5.2E+00	8.5E+00	2.9E+00	9.9E-02	2.5E-01	ND
Cs-136 (approx.13days)	2.6E+00	ND	2.7E-01	7.4E-02	ND	ND	ND
Cs-137 (approx. 30years)	9.1E+01	6.2E+00	9.1E+00	3.0E+00	1.1E-01	2.6E-01	ND
Ba-140 (approx.13days)	ND	ND	ND	ND	ND	ND	ND
La-140 (approx.40hrs)	1.1E+00	ND	4.9E-02	1.6E-02	ND	ND	ND

\* 0.0E+0 has the same meaning as 0.0 × 10 + 0.

FALSE

【Definite Report】 Result of nuclide analysis of sub drain of Fukushima Daiichi NPS

Place of Sampling	Fukushima Daiichi NPS 1U sub-drain	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 3U sub-drain	Fukushima Daiichi NPS 4U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS 6U sub-drain	Fukushima Daiichi NPS Deep well
Date of sampling	11:00 Apr 20 2011	11:05 Apr 20 2011	11:25 Apr 20 2011	11:20 Apr 20 2011	10:30 Apr 20 2011	10:40 Apr 20 2011	10:10 Apr 20 2011
Detected Nuclides (Half-life)	density of sample (Bq/cm <sup>3</sup> )						
Nb-95 (approx.35days)	ND	ND	ND	ND	ND	ND	ND
Ag-110m (approx.250days)	5.1E+00	ND	ND	ND	ND	ND	ND
Te-129 (approx.70hrs)	ND	ND	ND	ND	ND	ND	ND
Te-129m (approx.34days)	3.9E+02	ND	ND	1.8E+00	ND	ND	ND
I-131 (approx. 8 days)	2.4E+02	4.4E+02	5.9E+00	1.8E+01	4.0E-02	5.7E-01	ND
I-132 (approx.2hrs)	ND	ND	ND	ND	ND	ND	ND
Te-132 (approx.78hrs)	2.6E+00	ND	ND	ND	ND	ND	ND
Cs-134 (approx. 2 years)	7.9E+01	5.2E+00	8.5E+00	2.9E+00	9.9E-02	2.5E-01	ND
Cs-136 (approx.13days)	2.6E+00	ND	2.7E-01	7.4E-02	ND	ND	ND
Cs-137 (approx. 30years)	9.1E+01	6.2E+00	9.1E+00	3.0E+00	1.1E-01	2.6E-01	ND
Ba-140 (approx.13days)	ND	ND	ND	ND	ND	ND	ND
La-140 (approx.40hrs)	1.1E+00	ND	4.9E-02	1.6E-02	ND	ND	ND

\* 0.0E+0 has the same meaning as 0.0 × 10 + 0.

TRUE

## 【Definite Report】 Result of nuclide analysis of sub drain of Fukushima Daiichi NPS

Place of Sampling	Fukushima Daiichi NPS 1U sub-drain	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 3U sub-drain	Fukushima Daiichi NPS 4U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS 6U sub-drain	Fukushima Daiichi NPS Deep well
Date of sampling	11:15 Apr 22 2011	11:20 Apr 22 2011	11:00 Apr 22 2011	10:55 Apr 22 2011	10:35 Apr 22 2011	10:45 Apr 22 2011	10:00 Apr 22 2011
Detected Nuclides (Half-life)	density of sample (Bq/cm <sup>3</sup> )						
Nb-95 (approx.35days)	(2) 1.3E+00	ND	ND	(2) 1.6E-02	ND	ND	ND
Ag-110m (approx.250days)	3.0E+00	ND	ND	ND	ND	ND	ND
(1) Te-129 (approx.70mins)	ND	ND	ND	ND	ND	ND	ND
Te-129m (approx.34days)	2.3E+02	ND	1.3E+00	ND	ND	ND	ND
I-131 (approx. 8 days)	7.1E+01	5.3E+02	8.5E+00	5.3E-01	7.3E-02	3.9E-01	ND
I-132 (approx.2hrs)	9.1E-01	ND	ND	ND	ND	ND	ND
Te-132 (approx.78hrs)	ND	ND	ND	ND	ND	ND	ND
Cs-134 (approx. 2 years)	3.9E+01	8.1E+00	1.0E+01	3.7E-01	1.1E-01	2.2E-01	6.9E-03
Cs-136 (approx.13days)	1.3E+00	ND	2.4E-01	1.2E-02	ND	ND	ND
Cs-137 (approx. 30years)	4.8E+01	9.3E+00	1.0E+01	4.0E-01	1.2E-01	2.4E-01	ND
Ba-140 (approx.13days)	ND	ND	ND	ND	ND	ND	ND
La-140 (approx.40hrs)	1.1E+00	ND	5.9E-02	ND	ND	ND	ND

\* 0.0E+0 has the same meaning as 0.0 × 10 + 0.

FALSE

【Definite Report】 Result of nuclide analysis of sub drain of Fukushima Daiichi NPS

Place of Sampling	Fukushima Daiichi NPS 1U sub-drain	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 3U sub-drain	Fukushima Daiichi NPS 4U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS 6U sub-drain	Fukushima Daiichi NPS Deep well
Date of sampling	11:15 Apr 22 2011	11:20 Apr 22 2011	11:00 Apr 22 2011	10:55 Apr 22 2011	10:35 Apr 22 2011	10:45 Apr 22 2011	10:00 Apr 22 2011
Detected Nuclides (Half-life)	density of sample (Bq/cm <sup>3</sup> )						
Nb-95 (approx.35days)	ND	ND	ND	ND	ND	ND	ND
Ag-110m (approx.250days)	3.0E+00	ND	ND	ND	ND	ND	ND
Te-129 (approx.70hrs)	ND	ND	ND	ND	ND	ND	ND
Te-129m (approx.34days)	2.3E+02	ND	1.3E+00	ND	ND	ND	ND
I-131 (approx. 8 days)	7.1E+01	5.3E+02	8.5E+00	5.3E-01	7.3E-02	3.9E-01	ND
I-132 (approx.2hrs)	9.1E-01	ND	ND	ND	ND	ND	ND
Te-132 (approx.78hrs)	ND	ND	ND	ND	ND	ND	ND
Cs-134 (approx. 2 years)	3.9E+01	8.1E+00	1.0E+01	3.7E-01	1.1E-01	2.2E-01	6.9E-03
Cs-136 (approx.13days)	1.3E+00	ND	2.4E-01	1.2E-02	ND	ND	ND
Cs-137 (approx. 30years)	4.8E+01	9.3E+00	1.0E+01	4.0E-01	1.2E-01	2.4E-01	ND
Ba-140 (approx.13days)	ND	ND	ND	ND	ND	ND	ND
La-140 (approx.40hrs)	1.1E+00	ND	5.9E-02	ND	ND	ND	ND

\* 0.0E+0 has the same meaning as 0.0 × 10 + 0.



TRUE

【Definite Report】 Result of nuclide analysis of sub drain of Fukushima Daiichi NPS

Place of Sampling	Fukushima Daiichi NPS 1U sub-drain	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 3U sub-drain	Fukushima Daiichi NPS 4U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS 6U sub-drain	Fukushima Daiichi NPS Deep well
Time of Sampling	09:55 Apr 29 2011	09:50 Apr 29 2011	09:41 Apr 29 2011	11:43 Apr 29 2011	10:10 Apr 29 2011	10:20 Apr 29 2011	10:10 Apr 29 2011
Detected Nuclides (Half-life)	Density of sample (Bq/cm3)						
Nb-95 (approx.35days)	ND	ND	ND	ND	ND	ND	ND
Sb-125 (approx.3yrs)	1.3E+00	ND	ND	ND	ND	ND	ND
Ag-110m (approx.250days)	1.8E+00	ND	ND	ND	ND	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	ND	ND	ND
Te-129m (approx.34days)	7.9E+01	ND	2.2E+00	ND	ND	ND	ND
I-131 (approx. 8 days)	8.0E+01	3.1E+02	3.8E+01	3.2E-02	2.0E-02	7.9E-02	ND
Cs-134 (approx. 2 years)	6.2E+01	3.4E+01	5.8E+00	1.2E-01	9.8E-03	7.3E-02	ND
Cs-136 (approx.13days)	1.0E+00	5.3E-01	1.2E-01	ND	ND	ND	ND
Cs-137 (approx. 30years)	7.3E+01	3.8E+01	6.3E+00	1.3E-01	1.4E-02	7.8E-02	ND
Ba-140 (approx.13days)	6.1E-01	ND	ND	ND	ND	ND	ND
La-140 (approx.2days)	5.3E-01	(2) 4.7E-01	2.9E-02	ND	ND	ND	ND

\* O.OE—O means O.O x 10-O

FALSE

【Definite Report】 Result of nuclide analysis of sub drain of Fukushima Daiichi NPS

Place of Sampling	Fukushima Daiichi NPS 1U sub-drain	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 3U sub-drain	Fukushima Daiichi NPS 4U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS 6U sub-drain	Fukushima Daiichi NPS Deep well
Time of Sampling	09:55 Apr 29 2011	09:50 Apr 29 2011	09:41 Apr 29 2011	11:43 Apr 29 2011	10:10 Apr 29 2011	10:20 Apr 29 2011	10:10 Apr 29 2011
Detected Nuclides (Half-life)	Density of sample (Bq/cm <sup>3</sup> )						
Nb-95 (approx.35days)	ND	ND	ND	ND	ND	ND	ND
Sb-125 (approx.3yrs)	1.3E+00	ND	ND	ND	ND	ND	ND
Ag-110m (approx.250days)	1.8E+00	ND	ND	ND	ND	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	ND	ND	ND
Te-129m (approx.34days)	7.9E+01	ND	2.2E+00	ND	ND	ND	ND
I-131 (approx. 8 days)	8.0E+01	3.1E+02	3.8E+01	3.2E-02	2.0E-02	7.9E-02	ND
Cs-134 (approx. 2 years)	6.2E+01	3.4E+01	5.8E+00	1.2E-01	9.8E-03	7.3E-02	ND
Cs-136 (approx.13days)	1.0E+00	5.3E-01	1.2E-01	ND	ND	ND	ND
Cs-137 (approx. 30years)	7.3E+01	3.8E+01	6.3E+00	1.3E-01	1.4E-02	7.8E-02	ND
Ba-140 (approx.13days)	6.1E-01	ND	ND	ND	ND	ND	ND
La-140 (approx.2days)	5.3E-01	4.4E-01	2.9E-02	ND	ND	ND	ND

\* O.OE—O means O.O x 10-O

TRUE

【Definite Report】 Result of nuclide analysis of sub drain of Fukushima Daiichi NPS

Place of Sampling	Fukushima Daiichi NPS 1U sub-drain	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 3U sub-drain	Fukushima Daiichi NPS 4U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS 6U sub-drain	Fukushima Daiichi NPS Deep well
Time of Sampling	10:30 May 02 2011	10:35 May 02 2011	10:45 May 02 2011	11:23 May 02 2011	09:40 May 02 2011	09:35 May 02 2011	10:10 May 02 2011
Detected Nuclides (Half-life)	Density of sample (Bq/cm3)						
Nb-95 (approx.35days)	ND	ND	ND	ND	ND	ND	ND
Sb-125 (approx.3yrs)	ND	ND	ND	ND	ND	ND	ND
Ag-110m (approx.250days)	4.9E-01	ND	ND	ND	ND	ND	ND
Te-129 (approx.70mins)	ND	ND	(5) 1.8E+00	ND	ND	ND	ND
Te-129m (approx.34days)	1.9E+01	ND	(2) ND	ND	ND	ND	ND
I-131 (approx. 8 days)	3.0E+01	1.9E+02	4.7E+01	1.2E-02	ND	5.9E-02	ND
Cs-134 (approx. 2 years)	3.4E+01	2.0E+01	2.7E+01	1.0E-01	ND	6.3E-02	ND
Cs-136 (approx.13days)	5.3E-01	2.7E-01	4.2E-01	ND	ND	ND	ND
Cs-137 (approx. 30years)	4.0E+01	2.4E+01	2.8E+01	1.1E-01	ND	7.1E-02	ND
Ba-140 (approx.13days)	ND	5.5E-01	ND	ND	ND	ND	ND
La-140 (approx.2days)	2.8E-01	1.6E-01	ND	ND	ND	ND	ND

\* O.OE—O means O.O x 10-O

FALSE

【Definite Report】 Result of nuclide analysis of sub drain of Fukushima Daiichi NPS

Place of Sampling	Fukushima Daiichi NPS 1U sub-drain	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 3U sub-drain	Fukushima Daiichi NPS 4U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS 6U sub-drain	Fukushima Daiichi NPS Deep well
Time of Sampling	10:30 May 02 2011	10:35 May 02 2011	10:45 May 02 2011	11:23 May 02 2011	09:40 May 02 2011	09:35 May 02 2011	10:10 May 02 2011
Detected Nuclides (Half-life)	Density of sample (Bq/cm3)						
Nb-95 (approx.35days)	ND	ND	ND	ND	ND	ND	ND
Sb-125 (approx.3yrs)	ND	ND	ND	ND	ND	ND	ND
Ag-110m (approx.250days)	4.9E-01	ND	ND	ND	ND	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	ND	ND	ND
Te-129m (approx.34days)	1.9E+01	ND	1.1E+00	ND	ND	ND	ND
I-131 (approx. 8 days)	3.0E+01	1.9E+02	4.7E+01	1.2E-02	ND	5.9E-02	ND
Cs-134 (approx. 2 years)	3.4E+01	2.0E+01	2.7E+01	1.0E-01	ND	6.3E-02	ND
Cs-136 (approx.13days)	5.3E-01	2.7E-01	4.2E-01	ND	ND	ND	ND
Cs-137 (approx. 30years)	4.0E+01	2.4E+01	2.8E+01	1.1E-01	ND	7.1E-02	ND
Ba-140 (approx.13days)	ND	5.5E-01	ND	ND	ND	ND	ND
La-140 (approx.2days)	2.8E-01	1.6E-01	ND	ND	ND	ND	ND

\* O.OE—O means O.O x 10-O

TRUE

【Definite Report】 Result of nuclide analysis of sub drain of Fukushima Daiichi NPS

Place of Sampling	Fukushima Daiichi NPS 1U sub-drain	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 3U sub-drain	Fukushima Daiichi NPS 4U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS 6U sub-drain	Fukushima Daiichi NPS Deep well
Time of Sampling	10:53 May 04 2011	10:59 May 04 2011	11:03 May 04 2011	11:14 May 04 2011	10:43 May 04 2011	10:36 May 04 2011	09:20 May 04 2011
Detected Nuclides (Half-life)	Density of sample (Bq/cm3)						
Nb-95 (approx.35days)	ND	ND	ND	ND	ND	ND	ND
Sb-125 (approx.3yrs)	ND	ND	ND	ND	ND	ND	ND
Ag-110m (approx.250days)	ND	ND	ND	ND	ND	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	ND	ND	ND
Te-129m (approx.34days)	1.8E+00	ND	ND	ND	ND	ND	ND
I-131 (approx. 8 days)	1.5E+01	1.5E+02	1.1E+01	2.2E-02	1.5E-02	6.0E-02	ND
Cs-134 (approx. 2 years)	2.1E+01	1.6E+01	1.7E+00	9.0E-02	ND	6.5E-02	ND
Cs-136 (approx.13days)	2.4E-01	2.2E-01	2.8E-02	ND	ND	ND	ND
Cs-137 (approx. 30years)	2.4E+01	1.8E+01	1.8E+00	9.2E-02	2.7E-02	6.6E-02	ND
Ba-140 (approx.13days)	ND	ND	ND	ND	ND	ND	ND
La-140 (approx.2days)	(2) 6.2E-02	1.3E-01	ND	ND	ND	ND	ND

\* O.OE—O means O.O x 10-O

FALSE

【Definite Report】 Result of nuclide analysis of sub drain of Fukushima Daiichi NPS

Place of Sampling	Fukushima Daiichi NPS 1U sub-drain	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 3U sub-drain	Fukushima Daiichi NPS 4U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS 6U sub-drain	Fukushima Daiichi NPS Deep well
Time of Sampling	10:53 May 04 2011	10:59 May 04 2011	11:03 May 04 2011	11:14 May 04 2011	10:43 May 04 2011	10:36 May 04 2011	09:20 May 04 2011
Detected Nuclides (Half-life)	Density of sample (Bq/cm3)						
Nb-95 (approx.35days)	ND	ND	ND	ND	ND	ND	ND
Sb-125 (approx.3yrs)	ND	ND	ND	ND	ND	ND	ND
Ag-110m (approx.250days)	ND	ND	ND	ND	ND	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	ND	ND	ND
Te-129m (approx.34days)	1.8E+00	ND	ND	ND	ND	ND	ND
I-131 (approx. 8 days)	1.5E+01	1.5E+02	1.1E+01	2.2E-02	1.5E-02	6.0E-02	ND
Cs-134 (approx. 2 years)	2.1E+01	1.6E+01	1.7E+00	9.0E-02	ND	6.5E-02	ND
Cs-136 (approx.13days)	2.4E-01	2.2E-01	2.8E-02	ND	ND	ND	ND
Cs-137 (approx. 30years)	2.4E+01	1.8E+01	1.8E+00	9.2E-02	2.7E-02	6.6E-02	ND
Ba-140 (approx.13days)	ND	ND	ND	ND	ND	ND	ND
La-140 (approx.2days)	6.5E-02	1.3E-01	ND	ND	ND	ND	ND

\* O.OE—O means O.O x 10-O

TRUE

## 【Definite Report】

## Nuclide Analysis Results of Sub-drain Water in the Surroundings of "Centralized Radiation Waste Treatment Facility"

Place of Sampling	South East Turbine Building 4U Fukushima Daiichi NPS	North East of process main building fukushima Daiichi NPS	South East of process main building fukushima Daiichi NPS	South West of process main building fukushima Daiichi NPS	South of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS
Date of sampling	N/A	14:05 Apr 16 2011	N/A	13:55 Apr 16 2011	14:20 Apr 16 2011
Detected Nuclides (Half-life)	density of sample (Bq/cm <sup>3</sup> )				
Te-129 (approx.70mins)		ND		ND	(2) ND
Te-129m (approx.34days)		ND		ND	3.6E-01
I-131 (approx. 8 days)		1.3E-01		9.1E-02	5.0E-01
Cs-134 (approx. 2 years)		ND		3.7E-02	4.5E-01
Cs-136 (approx.13days)		ND		ND	2.2E-02
Cs-137 (approx. 30years)		ND		3.3E-02	4.5E-01

\* 0.0E+0 has the same meaning as 0.0×10+0.

FALSE

## 【Definite Report】

## Nuclide Analysis Results of Sub-drain Water in the Surroundings of "Centralized Radiation Waste Treatment Facility"

Place of Sampling	South East Turbine Building 4U Fukushima Daiichi NPS	North East of process main building fukushima Daiichi NPS	South East of process main building fukushima Daiichi NPS	South West of process main building fukushima Daiichi NPS	South of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS
Date of sampling	N/A	14:05 Apr 16 2011	N/A	13:55 Apr 16 2011	14:20 Apr 16 2011
Detected Nuclides (Half-life)	density of sample (Bq/cm <sup>3</sup> )				
Te-129 (approx.70mins)		ND		ND	3.6E-01
Te-129m (approx.34days)		ND		ND	3.6E-01
I-131 (approx. 8 days)		1.3E-01		9.1E-02	5.0E-01
Cs-134 (approx. 2 years)		ND		3.7E-02	4.5E-01
Cs-136 (approx.13days)		ND		ND	2.2E-02
Cs-137 (approx. 30years)		ND		3.3E-02	4.5E-01

\* 0.0E+0 has the same meaning as 0.0×10+0.



TRUE

## 【Definite Report】

## Nuclide Analysis Results of Sub-drain Water in the Surroundings of "Centralized Radiation Waste Treatment Facility"

Place of Sampling	South East Turbine Building 4U Fukushima Daiichi NPS	North East of process main building fukushima Daiichi NPS	South East of process main building fukushima Daiichi NPS	South West of process main building fukushima Daiichi NPS	South of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS
Date of sampling	12:10 Apr 19 2011	12:00 Apr 19 2011	12:53 Apr 19 2011	N/A	12:47 Apr 19 2011
Detected Nuclides (Half-life)	density of sample (Bq/cm3)				
Te-129 (approx.70mins)	ND	ND	ND		(2) 1.2E-01
Te-129m (approx.34days)	ND	ND	ND		ND
I-131 (approx. 8 days)	3.2E-01	8.7E-02	3.8E-02		3.4E-01
Cs-134 (approx. 2 years)	9.7E-02	4.6E-02	7.1E-03		7.3E-02
Cs-136 (approx.13days)	ND	ND	ND		ND
Cs-137 (approx. 30years)	9.5E-02	3.7E-02	ND		7.9E-02

\* 0.0E+0 has the same meaning as 0.0 × 10 + 0.

FALSE

## 【Definite Report】

## Nuclide Analysis Results of Sub-drain Water in the Surroundings of "Centralized Radiation Waste Treatment Facility"

Place of Sampling	South East Turbine Building 4U Fukushima Daiichi NPS	North East of process main building fukushima Daiichi NPS	South East of process main building fukushima Daiichi NPS	South West of process main building fukushima Daiichi NPS	South of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS
Date of sampling	12:10 Apr 19 2011	12:00 Apr 19 2011	12:53 Apr 19 2011	N/A	12:47 Apr 19 2011
Detected Nuclides (Half-life)	density of sample (Bq/cm3)				
Te-129 (approx.70mins)	ND	ND	ND		ND
Te-129m (approx.34days)	ND	ND	ND		ND
I-131 (approx. 8 days)	3.2E-01	8.7E-02	3.8E-02		3.4E-01
Cs-134 (approx. 2 years)	9.7E-02	4.6E-02	7.1E-03		7.3E-02
Cs-136 (approx.13days)	ND	ND	ND		ND
Cs-137 (approx. 30years)	9.5E-02	3.7E-02	ND		7.9E-02

\* 0.0E+0 has the same meaning as  $0.0 \times 10^0$ .

TRUE

## 【Definite Report】

## Nuclide Analysis Results of Sub-drain Water in the Surroundings of "Centralized Radiation Waste Treatment Facility"

Place of Sampling	South East Turbine Building 4U Fukushima Daiichi NPS	North East of process main building fukushima Daiichi NPS	South East of process main building fukushima Daiichi NPS	South West of process main building fukushima Daiichi NPS	South of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS
Date of sampling	11:17 May 06 2011	11:23 May 06 2011	11:29 May 06 2011	N/A	11:37 May 06 2011
Detected Nuclides (Half-life)	density of sample (Bq/cm <sup>3</sup> )				
Te-129 (approx.70mins)	ND	ND	ND		(2) 1.4E-01
Te-129m (approx.34days)	ND	ND	ND		ND
I-131 (approx. 8 days)	1.6E-02	1.1E-01	2.8E-02		2.7E-02
Cs-134 (approx. 2 years)	6.2E-02	2.1E-01	ND		5.8E-02
Cs-136 (approx.13days)	ND	ND	ND		ND
Cs-137 (approx. 30years)	4.9E-02	2.3E-01	ND		6.3E-02

\* 0.0E-0 has the same meaning as 0.0x10-0.

FALSE

## 【Definite Report】

## Nuclide Analysis Results of Sub-drain Water in the Surroundings of "Centralized Radiation Waste Treatment Facility"

Place of Sampling	South East Turbine Building 4U Fukushima Daiichi NPS	North East of process main building fukushima Daiichi NPS	South East of process main building fukushima Daiichi NPS	South West of process main building fukushima Daiichi NPS	South of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS
Date of sampling	11:17 May 06 2011	11:23 May 06 2011	11:29 May 06 2011	N/A	11:37 May 06 2011
Detected Nuclides (Half-life)	density of sample (Bq/cm3)				
Te-129 (approx.70mins)	ND	ND	ND		ND
Te-129m (approx.34days)	ND	ND	ND		ND
I-131 (approx. 8 days)	1.6E-02	1.1E-01	2.8E-02		2.7E-02
Cs-134 (approx. 2 years)	6.2E-02	2.1E-01	ND		5.8E-02
Cs-136 (approx.13days)	ND	ND	ND		ND
Cs-137 (approx. 30years)	4.9E-02	2.3E-01	ND		6.3E-02

\* 0.0E-0 has the same meaning as 0.0x10-0.

TRUE

【Definite Report】 Result of nuclide analysis of marine soil

Place of sampling	Kotakaku offshore 3km	Iwasawa offshore 3km
Date of sampling	10:17 Apr 29 2011	08:30 Apr 29 2011
Detected Nuclides (Half-life)	Density of sample (Bq/kg)	
Mn-54 (approx.313days)	ND	ND
Co-60 (approx.5yrs)	ND	ND
Te-129 (approx.70mins)	ND	ND
Te-129m (approx.34days)	ND	ND
Tc-99m (approx.6hrs)	ND	ND
I-131 (approx. 8days)	(4) 1.9E+02	(4) 9.8E+01
Cs-134 (approx.2yrs)	1.3E+03	1.2E+03
Cs-136 (approx.13days)	1.8E+01	2.0E+01
Cs-137 (approx.30yrs)	1.4E+03	1.2E+03
Ba-140 (approx.13days)	ND	ND
La-140 (approx.2days)	3.4E+01	3.9E+01

\* 0.0E+0 has the same meaning as 0.0x10+0.

FALSE

## 【Definite Report】 Result of nuclide analysis of marine soil

Place of sampling	Kotakaku offshore 3km	Iwasawa offshore 3km
Date of sampling	10:17 Apr 29 2011	08:30 Apr 29 2011
Detected Nuclides (Half-life)	Density of sample (Bq/kg)	
Mn-54 (approx.313days)	ND	ND
Co-60 (approx.5yrs)	ND	ND
Te-129 (approx.70mins)	ND	ND
Te-129m (approx.34days)	ND	ND
Tc-99m (approx.6hrs)	ND	ND
I-131 (approx. 8days)	2.7E-01	1.3E-01
Cs-134 (approx.2yrs)	1.9E+00	1.5E+00
Cs-136 (approx.13days)	2.6E-02	2.6E-02
Cs-137 (approx.30yrs)	2.0E+00	1.6E+00
Ba-140 (approx.13days)	ND	ND
La-140 (approx.2days)	4.9E-02	5.2E-02

\* 0.0E+0 has the same meaning as 0.0×10+0.