

The result of the nuclide analysis of the seawater

(Data collected on April 4th)

Time and date of sample collection	9:00, April 3rd, 2011			
Place of collection	Around the discharge canal (north) of Unit 5 and 6 Fukushima Daiichi Nuclear Power Station (approx. 30m north from the discharge canal of Unit 5 and 6)			
Manner of measurement	Measuring 500 ml of the sample with the Germanium semi-conductor detector			
Measurement time	1,000 seconds			
Nuclide of detection (half-life)	Density of sample (Bq/cm ³)	Detection limit density (Bq/cm ³)	Statutory reactor density limit Bq/cm ³	Scaling factor (/)
I-131 (About 8 days)	1.2E+01	4.2E-02	4E-02	300
Cs-134 (About 2 years)	5.0E+00	3.6E-02	6E-02	83
Cs-137 (About 30 years)	5.0E+00	3.3E-02	9E-02	56

. E - means . × 1 0 - .

The result of the nuclide analysis of the seawater

(Data collected on April 4th)

Time and date of sample collection	14:05, April 3rd, 2011			
Place of collection	Around the discharge canal (north) of Unit 5 and 6 Fukushima Daiichi Nuclear Power Station (approx. 30m north from the discharge canal of Unit 5 and 6)			
Manner of measurement	Measuring 500 ml of the sample with the Germanium semi-conductor detector			
Measurement time	1,000 seconds			
Nuclide of detection (half-life)	Density of sample (Bq/cm ³)	Detection limit density (Bq/cm ³)	Statutory reactor density limit Bq/cm ³	Scaling factor (/)
I-131 (About 8 days)	9.6E+00	2.9E-02	4E-02	240
Cs-134 (About 2 years)	3.7E+00	2.5E-02	6E-02	62
Cs-137 (About 30 years)	3.7E+00	2.1E-02	9E-02	41

. E - means . × 1 0 - .

The result of the nuclide analysis of the seawater

(Data collected on April 4th)

Time and date of sample collection	8:40, April 3rd, 2011			
Place of collection	Around the discharge canal (south) of Fukushima Daiichi Nuclear Power Station (approx. 330m south from the discharge canal of Unit 1 to 4)			
Manner of measurement	Bringing 500 ml of the sample to Fukushima Daini Nuclear Power Station and measuring with the Germanium semi-conductor detector			
Measurement time	1,000 seconds			
Nuclide of detection (half-life)	Density of sample (Bq/cm ³)	Detection limit density (Bq/cm ³)	Statutory reactor density limit Bq/cm ³	scaling factor (/)
I-131 (About 8days)	2.9E+01	5.0E-02	4E-02	720
Cs-134 (About 2years)	1.1E+01	4.4E-02	6E-02	190
Cs-137 (About 30years)	1.1E+01	3.5E-02	9E-02	130

. E - means . × 1 0 - .

The result of the nuclide analysis of the seawater

(Data collected on April 4th)

Time and date of sample collection	13:50, April 3rd, 2011			
Place of collection	Around the discharge canal (south) of Fukushima Daiichi Nuclear Power Station (approx. 330m south from the discharge canal of Unit 1 to 4)			
Manner of measurement	Bringing 500 ml of the sample to Fukushima Daini Nuclear Power Station and measuring with the Germanium semi-conductor detector			
Measurement time	1,000 seconds			
Nuclide of detection (half-life)	Density of sample (Bq/cm ³)	Detection limit density (Bq/cm ³)	Statutory reactor density limit Bq/cm ³	scaling factor (/)
I-131 (About 8days)	2.5E+01	5.8E-02	4E-02	630
Cs-134 (About 2years)	1.0E+01	5.0E-02	6E-02	170
Cs-137 (About 30years)	1.0E+01	4.6E-02	9E-02	110

. E - means . × 1 0 - .

The result of the nuclide analysis of the seawater

(Data collected on April 4th)

Time and date of sample collection	09:35, April 3rd, 2011			
Place of collection	Around the north water discharge canal of Fukushima Daini Nuclear Power Station (around Units 3 and 4) (approx 10km from Fukushima Daiichi Nuclear Power Station)			
Manner of measurement	Measured 500 ml of the sample with the Germanium semi-conductor detector			
Measurement time	1,000 seconds			
Nuclide of detection (half-life)	Density of sample (Bq/cm ³)	Detection limit density (Bq/cm ³)	Statutory reactor density limit Bq/cm ³	scaling factor (/)
I-131 (About 8days)	2.8E-01	1.5E-02	4E-02	6.9
Cs-134 (About 2years)	9.9E-02	1.6E-02	6E-02	1.7
Cs-137 (About 30years)	9.2E-02	1.7E-02	9E-02	1.0

. E - means . × 1 0 - .

The result of the nuclide analysis of the seawater

(Data collected on April 4th)

Time and date of sample collection	8:50, April 3rd, 2011			
Place of collection	Around Iwasawa shore at Fukushima Daini Nuclear Power Station (Approx. 7,000m to the south of Units 1 and 2 water discharge canal) (Approx. 16km from Fukushima Daiichi)			
Manner of measurement	Measured 500 ml of the sample with the Germanium semi-conductor detector			
Measurement time	1,000 seconds			
Nuclide of detection (half-life)	Density of sample (Bq/cm ³)	Detection limit density (Bq/cm ³)	Statutory reactor density limit Bq/cm ³	scaling factor (/)
I-131 (About 8days)	7.9E-02	8.2E-03	4E-02	2.0
Cs-134 (About 2years)	1.8E-02	5.5E-03	6E-02	0.29
Cs-137 (About 30years)	2.8E-02	5.6E-03	9E-02	0.32

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The result of the nuclide analysis of the seawater

(Data collected on April 4th)

Time and date of sample collection	12:39, April 3rd, 2011			
Place of collection	Around 15km off shore of Fukushima Daiichi Nuclear Power Station			
Manner of measurement	Measuring 500 ml of the sample with the Germanium semi-conductor detector			
Measurement time	1,000 seconds			
Nuclide of detection (half-life)	Density of sample (Bq/cm ³)	Detection limit density (Bq/cm ³)	Statutory reactor density limit Bq/cm ³	scaling factor (/)
I-131 (About 8days)	1.5E-01	1.4E-02	4E-02	3.7
Cs-134 (About 2years)	3.4E-02	1.6E-02	6E-02	0.57
Cs-137 (About 30years)	3.9E-02	1.7E-02	9E-02	0.43

. E - means . × 1 0 - .

The result of the nuclide analysis of the seawater

(Data collected on April 4th)

Time and date of sample collection	12:20, April 3rd, 2011			
Place of collection	Around 15km off shore of Fukushima Daini Nuclear Power Station			
Manner of measurement	Measuring 500 ml of the sample with the Germanium semi-conductor detector			
Measurement time	1,000 seconds			
Nuclide of detection (half-life)	Density of sample (Bq/cm ³)	Detection limit density (Bq/cm ³)	Statutory reactor density limit Bq/cm ³	scaling factor (/)
I-131 (About 8days)	7.7E-02	1.4E-02	4E-02	1.9
Cs-137 (About 30years)	1.8E-02	1.6E-02	9E-02	0.20

. E - means . x 1 0 - .

The result of the nuclide analysis of the seawater

(Data collected on April 4th)

Time and date of sample collection	12:02, April 3rd, 2011			
Place of collection	Around 15km off shore of Iwasawa Sea Shore			
Manner of measurement	Measuring 500 ml of the sample with the Germanium semi-conductor detector			
Measurement time	1,000 seconds			
Nuclide of detection (half-life)	①Density of sample (Bq/cm ³)	②Detection limit density (Bq/cm ³)	③Statutory reactor density limit Bq/cm ³	scaling factor (①/③)
I-131 (About 8days)	4.6E-02	1.4E-02	4E-02	1.1

※ 〇.〇E-〇 means 〇.〇×10-〇.