## The result of the nuclide analysis of the seawater

(Data collected on Apri 3rd)

| Time and date of sample collection | 8:50, April 2nd, 2011 | | | |
|---|---|---|---|---|
| Place of collection | Around the discharge canal (north) of Unit 5 and 6<br>Fukushima Daiichi Nuclear Power Station<br>(approx. 30m north from the discharge canal of Unit 5 and 6) | | | |
| Manner of measurement | Measuring 500 ml of the sample with<br>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<br>(About 8 days) | 5.3E+01 | 8.6E-02 | 4E-02 | 1300 |
| Cs-134<br>(About 2 years) | 2.1E+01 | 7.2E-02 | 6E-02 | 350 |
| Cs-137<br>(About 30 years) | 2.1E+01 | 6.6E-02 | 9E-02 | 230 |

※ ○.○E－○ means ○.○×１０－○.

## The result of the nuclide analysis of the seawater

(Data collected on April 3rd)

| Time and date of sample collection | 13:40, April 2nd, 2011 | | | |
|---|---|---|---|---|
| Place of collection | Around the discharge canal (north) of Unit 5 and 6<br>Fukushima Daiichi Nuclear Power Station<br>(approx. 30m north from the discharge canal of Unit 5 and 6) | | | |
| Manner of measurement | Measuring 500 ml of the sample with<br>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<br>(About 8 days) | 3.3E+01 | 6.7E-02 | 4E-02 | 820 |
| Cs-134<br>(About 2 years) | 1.3E+01 | 5.7E-02 | 6E-02 | 220 |
| Cs-137<br>(About 30 years) | 1.3E+01 | 5.1E-02 | 9E-02 | 150 |

※ ○.○E－○ means ○.○×１０－○.

## The result of the nuclide analysis of the seawater

(Data collected on April 3rd)

| Time and date of sample collection | 8:30, April 2nd, 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) | 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) | 6.0E-01 | 2.3E-02 | 4E-02 | 15 |
| Cs-134 (About 2years) | 1.1E+00 | 2.2E-02 | 6E-02 | 18 |
| Cs-137 (About 30years) | 1.1E+00 | 2.1E-02 | 9E-02 | 12 |

※ ○.○E－○ means ○.○×１０－○.

## The result of the nuclide analysis of the seawater

(Data collected on April 3rd)

| Time and date of sample collection | 13:20, April 2nd, 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) | 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) | 4.4E-01 | 1.8E-02 | 4E-02 | 11 |
| Cs-134 (About 2years) | 5.1E-01 | 1.9E-02 | 6E-02 | 8.4 |
| Cs-137 (About 30years) | 5.1E-01 | 1.9E-02 | 9E-02 | 5.6 |

※ ○.○E－○ means ○.○×１０－○.

## The result of the nuclide analysis of the seawater

(Data collected on April 3rd)

| Time and date of sample collection | 09:55, April 2nd, 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) | 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) | 5.4E-01 | 1.7E-02 | 4E-02 | 14 |
| Cs-134 (About 2years) | 1.7E-01 | 1.7E-02 | 6E-02 | 2.9 |
| Cs-137 (About 30years) | 1.8E-01 | 1.7E-02 | 9E-02 | 2.0 |

※ ○.○E－○ means ○.○×１０－○.

## The result of the nuclide analysis of the seawater

(Data collected on April 3rd)

| Time and date of sample collection | 9:00, April 2nd, 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) | 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) | 1.4E-01 | 1.5E-02 | 4E-02 | 3.5 |
| Cs-134 (About 2years) | 5.1E-02 | 1.7E-02 | 6E-02 | 0.86 |
| Cs-137 (About 30years) | 4.4E-02 | 1.7E-02 | 9E-02 | 0.49 |

※ ○.○E－○ means ○.○×１０－○.

## The result of the nuclide analysis of the seawater

(Data collected on April 3rd)

| Time and date of sample collection | 14:03, April 2nd, 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) | 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) | 1.1E-01 | 7.4E-03 | 4E-02 | 2.7 |
| Cs-134 (About 2years) | 2.3E-02 | 4.9E-03 | 6E-02 | 0.39 |
| Cs-137 (About 30years) | 2.6E-02 | 4.8E-03 | 9E-02 | 0.29 |

※　○.○E－○ means ○.○×１０－○.

## The result of the nuclide analysis of the seawater

(Data collected on April 3rd)

| Time and date of sample collection | 13:35, April 2nd, 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) | 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) | 1.1E-01 | 1.4E-02 | 4E-02 | 2.8 |
| Cs-134 (About 2years) | 1.9E-02 | 1.5E-02 | 6E-02 | 0.32 |
| Cs-137 (About 30years) | 2.5E-02 | 1.6E-02 | 9E-02 | 0.28 |

※　○.○E－○ means ○.○×１０－○.

## The result of the nuclide analysis of the seawater

(Data collected on April 3rd)

| Time and date of sample collection | 13:12, April 2nd, 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) | 7.6E-02 | 1.4E-02 | 4E-02 | 1.9 |

※ ○.○E－○ means ○.○×１０－○.