

Nuclide analysis results of ocean soil<1/4>

Appendix

(Data summarized on October 28)

| Place of Sampling | 3km offshore of Kotaka-ku | Iwasawa offshore 3km | 15 km offshore of Fukushima Daiichi |
|-------------------------------|---------------------------|----------------------|-------------------------------------|
| Date of sampling | 2011/9/15 | 2011/9/15 | 2011/9/25 |
| Detected Nuclides (Half-life) | Density of sample (Bq/kg) | | |
| I-131 (about 8 days) | ND | ND | ND |
| Cs-134 (about 2 years) | 300 | 860 | 190 |
| Cs-137 (about 30 years) | 350 | 1,000 | 210 |
| Sr-89 (about 51 days) | - | - | ND |
| Sr-90 (about 29 years) | 1.2 | 1.8 | ND |

The area measured in the past in the ocean near Fukushima Daiichi and Daini Nuclear Power Station (1999-2008): ND-0.17
 Reference: "Year 2009 the Report on the Results of measurement of Environmental Radioactivity near the Nuclear Power Stations"(Fukushima Nuclear Power Station Safety Security Communication Committee)

- * The density of the sample " - " shows N/A.
- * The datas of I-131 , Cs-134 , Cs-137 were disclosed on September 16 and 26
- * Organization: Japan Chemical Analysis Center (Sr-89 , Sr-90) , TEPCO (I-131 , Cs-134 , Cs-137)

(Evaluation)

The density of the detected Sr-90 exceeded the maximum amount of the past record detected in the ocean near Fukushima Daiichi and Daini Nuclear Power Station, therefore, the detected Sr-90 is estimated to originate from the accident this time.

Nuclide analysis results of ocean soil<2/4>

Appendix

(Data summarized on October 28)

| Place of Sampling | North of Discharge Channel of 5-6u of 1F | Near South Discharge Channel of 1F | |
|---|--|------------------------------------|--|
| Date of sampling | 2011/9/12 | 2011/9/15 | |
| Detected Nuclides (Half-life) | Density of sample (Bq/kg) | | |
| I-131 (about 8 days) | ND | ND | |
| Cs-134 (about 2 years) | 2,000 | 1,500 | |
| Cs-137 (about 30 years) | 2,300 | 1,800 | |
| Sr-89 (about 51 days) | ND | 52 | |
| Sr-90 (about 29 years) | 1.8 | 63 | |
| The area measured in the past in the ocean near Fukushima Daiichi and Daini Nuclear Power Station (1999-2008): ND-0.17 Reference: "Year 2009 the Report on the Results of measurement of Environmental Radioactivity near the Nuclear Power Stations"(Fukushima Nuclear Power Station Safety Security Communication Committee) | | | |

* The density of the sample " - " shows N/A.

* The datas of I-131 , Cs-134 , Cs-137 were disclosed on September 13 and 16

* Organization: Japan Chemical Analysis Center (Sr-89 , Sr-90) , TEPCO (I-131 , Cs-134 , Cs-137)

(Evaluation)

The density of the detected Sr-90 exceeded the maximum amount of the past record detected in the ocean near Fukushima Daiichi and Daini Nuclear Power Station, therefore, the detected Sr-90 is estimated to originate from the accident this time.

Nuclide analysis results of ocean soil<3/4>

Appendix

(Data summarized on October 28)

| Place of Sampling | 8km offshore of Haramachi-ku | 8km offshore of Iwasawa shore | |
|---|------------------------------|-------------------------------|--|
| Date of sampling | 2011/9/13 | 2011/9/9 | |
| Detected Nuclides (Half-life) | Density of sample (Bq/kg) | | |
| I-131 (about 8 days) | ND | ND | |
| Cs-134 (about 2 years) | 110 | 440 | |
| Cs-137 (about 30 years) | 130 | 550 | |
| Sr-89 (about 51 days) | - | - | |
| Sr-90 (about 29 years) | 1.4 | ND | |
| The area measured in the past in the ocean near Fukushima Daiichi and Daini Nuclear Power Station (1999-2008): ND-0.17 Reference: "Year 2009 the Report on the Results of measurement of Environmental Radioactivity near the Nuclear Power Stations"(Fukushima Nuclear Power Station Safety Security Communication Committee) | | | |

- * The density of the sample " - " shows N/A.
- * The datas of I-131 , Cs-134 , Cs-137 were disclosed on September 10 and 14
- * Organization: Japan Chemical Analysis Center (Sr-89 , Sr-90) , TEPCO (I-131 , Cs-134 , Cs-137)

(Evaluation)

The density of the detected Sr-90 exceeded the maximum amount of the past record detected in the ocean near Fukushima Daiichi and Daini Nuclear Power Station, therefore, the detected Sr-90 is estimated to originate from the accident this time.

Nuclide analysis results of ocean soil<4/4>

Appendix

(Data summarized on October 28)

| | | | |
|---|---------------------------|----------------------|--|
| Place of Sampling | Ena offshore 3km | Kashima offshore 5km | |
| Date of sampling | 2011/9/8 | 2011/9/9 | |
| Detected Nuclides (Half-life) | Density of sample (Bq/kg) | | |
| I-131 (about 8 days) | ND | ND | |
| Cs-134 (about 2 years) | 540 | 97 | |
| Cs-137 (about 30 years) | 620 | 120 | |
| Sr-89 (about 51 days) | ND | - | |
| Sr-90 (about 29 years) | ND | ND | |
| The area measured in the past in the ocean near Fukushima Daiichi and Daini Nuclear Power Station (1999-2008): ND-0.17 Reference: "Year 2009 the Report on the Results of measurement of Environmental Radioactivity near the Nuclear Power Stations"(Fukushima Nuclear Power Station Safety Security Communication Committee) | | | |

- * The density of the sample " - " shows N/A.
- * The datas of I-131 , Cs-134 , Cs-137 were disclosed on September 9 and 10
- * Organization: Japan Chemical Analysis Center (Sr-89 , Sr-90) , TEPCO (I-131 , Cs-134 , Cs-137)

(Evaluation)
 Sr-89 and Sr-90 were not detected from samples analyzed this time.