

**Nuclide Analysis Results of Fish and Shellfish**  
(The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 1/8 >  
(Exclude in the Port of Fukushima Daiichi NPS)

(Data summarized on September 18)

| Name of Sample<br>(Region)       | Place of Sampling<br>(Place No.)            | Date of Sampling | Radioactivity Density [Bq/kg (Raw)]<br>(Half-life) |                              |       |
|----------------------------------|---|------------------|--|------------------------------|-------|
|                                  |   |                  | Cs-134<br>(Approx. 2 years)                        | Cs-137<br>(Approx. 30 years) | Total |
| Greenling (Muscle)               | Around 1km Offshore of Ota River<br>(T-S1)  | August 9, 2013   | 6.7  | 13                           | 19.7  |
| Stingray (Muscle)                | Around 1km Offshore of Ota River<br>(T-S1)  | August 9, 2013   | 49   | 120                          | 169   |
| Blue crab (Whole)                | Around 1km Offshore of Ota River<br>(T-S1)  | August 9, 2013   | ND   | ND                           | ND    |
| Acanthopagrus schlegeli (Muscle) | Around 1km Offshore of Ota River<br>(T-S1)  | August 9, 2013   | 8.4  | 17                           | 25.4  |
| Common skete (Muscle)            | Around 1km Offshore of Ota River<br>(T-S1)  | August 9, 2013   | 27   | 58                           | 85    |
| Banded dogfish (Muscle)          | Around 1km Offshore of Ota River<br>(T-S1)  | August 9, 2013   | ND   | ND                           | ND    |
| Drumfish (Muscle)                | Around 1km Offshore of Ota River<br>(T-S1)  | August 9, 2013   | 4.4  | 8.4                          | 12.8  |
| Microstoms achne (Muscle)        | Around 1km Offshore of Ota River<br>(T-S1)  | August 9, 2013   | 11   | 25                           | 36    |
| Flatfish (Muscle)                | Around 1km Offshore of Ota River<br>(T-S1)  | August 9, 2013   | 6.3  | 13                           | 19.3  |
| Common skete (Muscle)            | Around 3km Offshore of Odaka<br>Ward (T-S2) | August 9, 2013   | 48   | 98                           | 146   |

\* When the measurement value is below the detection limit, "ND" is marked. The detection limits are as follows.

Cs-134: Approx. 3.9Bq/kg (Raw), Cs-137: Approx. 4.1Bq/kg (Raw)

As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

\* Standard Value (after April 1, 2012) Cs-134+Cs-137: 100Bq/kg

\* Analyzed by Tokyo Power Technology Ltd.

Nuclide Analysis Results of Fish and Shellfish  
(The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 2/8 >  
(Exclude in the Port of Fukushima Daiichi NPS)

(Data summarized on September 18)

| Name of Sample<br>(Region)  | Place of Sampling<br>(Place No.)          | Date of Sampling | Radioactivity Density [Bq/kg (Raw)]<br>(Half-life) |                              |       |
|-----------------------------|---|------------------|--|------------------------------|-------|
|                             |   |                  | Cs-134<br>(Approx. 2 years)                        | Cs-137<br>(Approx. 30 years) | Total |
| Ovalipes unctatus (Whole)   | Around 3km Offshore of Odaka Ward (T-S2)  | August 9, 2013   | ND   | ND                           | ND    |
| Flatfish (Muscle)           | Around 3km Offshore of Odaka Ward (T-S2)  | August 9, 2013   | 13   | 31                           | 44    |
| Dasyatis matsubara (Muscle) | Around 3km Offshore of Odaka Ward (T-S2)  | August 9, 2013   | 7.6  | 14                           | 21.6  |
| Pagrus major (Muscle)       | Around 3km Offshore of Odaka Ward (T-S2)  | August 9, 2013   | ND   | 7.7                          | 7.7   |
| Stingray (Muscle)           | Around 3km Offshore of Ukedo River (T-S3) | August 29, 2013  | 33   | 64                           | 97    |
| Blue crab (Whole)           | Around 3km Offshore of Ukedo River (T-S3) | August 29, 2013  | ND   | ND                           | ND    |
| Angel shark (Muscle)        | Around 3km Offshore of Ukedo River (T-S3) | August 29, 2013  | 30   | 58                           | 88    |
| Common skate (Muscle)       | Around 3km Offshore of Ukedo River (T-S3) | August 29, 2013  | 25   | 55                           | 80    |
| Drumfish (Muscle)           | Around 3km Offshore of Ukedo River (T-S3) | August 29, 2013  | 5.1  | 13                           | 18.1  |
| Ovalipes unctatus (Whole)   | Around 3km Offshore of Ukedo River (T-S3) | August 29, 2013  | ND   | ND                           | ND    |

\* When the measurement value is below the detection limit, "ND" is marked. The detection limits are as follows.

Cs-134: Approx. 4.1Bq/kg (Raw), Cs-137: Approx. 4.1Bq/kg (Raw)

As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

\* Standard Value (after April 1, 2012) Cs-134+Cs-137: 100Bq/kg

\* Analyzed by Tokyo Power Technology Ltd.

Nuclide Analysis Results of Fish and Shellfish  
(The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 3/8 >  
(Exclude in the Port of Fukushima Daiichi NPS)

(Data summarized on September 18)

| Name of Sample<br>(Region) | Place of Sampling<br>(Place No.)                       | Date of Sampling | Radioactivity Density [Bq/kg (Raw)]<br>(Half-life) |                              |       |
|----------------------------|--|------------------|--|------------------------------|-------|
|                            |  |                  | Cs-134<br>(Approx. 2 years)                        | Cs-137<br>(Approx. 30 years) | Total |
| Flatfish (Muscle)          | Around 3km Offshore of Ukedo River<br>(T-S3)           | August 29, 2013  | 13   | 33                           | 46    |
| Blue crab (Whole)          | Around 3km Offshore of Fukushima<br>Daiichi NPS (T-S4) | August 29, 2013  | ND   | ND                           | ND    |
| Angel shark (Muscle)       | Around 3km Offshore of Fukushima<br>Daiichi NPS (T-S4) | August 29, 2013  | 92   | 190                          | 282   |
| Common skete (Muscle)      | Around 3km Offshore of Fukushima<br>Daiichi NPS (T-S4) | August 29, 2013  | 56   | 120                          | 176   |
| Microstoms achne (Muscle)  | Around 3km Offshore of Fukushima<br>Daiichi NPS (T-S4) | August 29, 2013  | 35   | 76                           | 111   |
| Flatfish (Muscle)          | Around 3km Offshore of Fukushima<br>Daiichi NPS (T-S4) | August 29, 2013  | 7.0  | 11                           | 18    |
| Marbled sole (Muscle)      | Around 3km Offshore of Fukushima<br>Daiichi NPS (T-S4) | August 29, 2013  | 7.5  | 23                           | 30.5  |
| Carcharhinus (Muscle)      | Around 3km Offshore of Fukushima<br>Daiichi NPS (T-S4) | August 29, 2013  | 5.7  | 12                           | 17.7  |
| Greenling (Muscle)         | Around 2km Offshore of Kido River<br>(T-S5)            | August 19, 2013  | 11   | 34                           | 45    |
| Blue crab (Whole)          | Around 2km Offshore of Kido River<br>(T-S5)            | August 19, 2013  | ND   | 4.6                          | 4.6   |

\* When the measurement value is below the detection limit, "ND" is marked. The detection limits are as follows.

Cs-134: Approx. 4.2Bq/kg (Raw), Cs-137: Approx. 3.5Bq/kg (Raw)

As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

\* Standard Value (after April 1, 2012) Cs-134+Cs-137: 100Bq/kg

\* Analyzed by Tokyo Power Technology Ltd.

Nuclide Analysis Results of Fish and Shellfish  
(The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 4/8 >  
(Exclude in the Port of Fukushima Daiichi NPS)

(Data summarized on September 18)

| Name of Sample<br>(Region) | Place of Sampling<br>(Place No.)                     | Date of Sampling | Radioactivity Density [Bq/kg (Raw)]<br>(Half-life) |                              |       |
|----------------------------|--|------------------|--|------------------------------|-------|
|                            |  |                  | Cs-134<br>(Approx. 2 years)                        | Cs-137<br>(Approx. 30 years) | Total |
| Common skete (Muscle)      | Around 2km Offshore of Kido River<br>(T-S5)          | August 19, 2013  | 23   | 53                           | 76    |
| Microstoms achne (Muscle)  | Around 2km Offshore of Kido River<br>(T-S5)          | August 19, 2013  | 41   | 99                           | 140   |
| Flatfish (Muscle)          | Around 2km Offshore of Kido River<br>(T-S5)          | August 19, 2013  | 19   | 42                           | 61    |
| Common skete (Muscle)      | Around 2km Offshore of Fukushima<br>Daini NPS (T-S7) | August 19, 2013  | 75   | 160                          | 235   |
| Banded dogfish (Muscle)    | Around 2km Offshore of Fukushima<br>Daini NPS (T-S7) | August 19, 2013  | 65   | 140                          | 205   |
| Flatfish (Muscle)          | Around 2km Offshore of Fukushima<br>Daini NPS (T-S7) | August 19, 2013  | 5.6  | 16                           | 21.6  |
| Blue crab (Whole)          | Around 4km Offshore of Kumagawa<br>(T-S8)            | August 24, 2013  | ND   | ND                           | ND    |
| Common skete (Muscle)      | Around 4km Offshore of Kumagawa<br>(T-S8)            | August 24, 2013  | 32   | 78                           | 110   |
| Flatfish (Muscle)          | Around 4km Offshore of Kumagawa<br>(T-S8)            | August 24, 2013  | 6.4  | 17                           | 23.4  |
| Sea robin (Muscle)         | Around 4km Offshore of Kumagawa<br>(T-S8)            | August 24, 2013  | ND   | 4.6                          | 4.6   |

\* When the measurement value is below the detection limit, "ND" is marked. The detection limits are as follows.

Cs-134: Approx. 3.8Bq/kg (Raw), Cs-137: Approx. 4.1Bq/kg (Raw)

As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

\* Standard Value (after April 1, 2012) Cs-134+Cs-137: 100Bq/kg

\* Analyzed by Tokyo Power Technology Ltd.

Nuclide Analysis Results of Fish and Shellfish  
(The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 5/8 >  
(Exclude in the Port of Fukushima Daiichi NPS)

(Data summarized on September 18)

| Name of Sample<br>(Region)               | Place of Sampling<br>(Place No.)             | Date of Sampling | Radioactivity Density [Bq/kg (Raw)]<br>(Half-life) |                              |       |
|--|--|------------------|--|------------------------------|-------|
|  |  |                  | Cs-134<br>(Approx. 2 years)                        | Cs-137<br>(Approx. 30 years) | Total |
| Flathead (Platycephalus sp.)<br>(Muscle) | Around 4km Offshore of Kumagawa<br>(T-S8)    | August 24, 2013  | 43   | 89                           | 132   |
| Lepidotrigla microptera (Muscle)         | Around 15km Offshore of Odaka<br>Ward (T-B1) | August 26, 2013  | ND   | 6.0                          | 6.0   |
| Crimson sea bream (Muscle)               | Around 15km Offshore of Odaka<br>Ward (T-B1) | August 26, 2013  | ND   | ND                           | ND    |
| Flatfish (Muscle)                        | Around 15km Offshore of Odaka<br>Ward (T-B1) | August 26, 2013  | ND   | 6.2                          | 6.2   |
| Smooth dogfish (Muscle)                  | Around 15km Offshore of Odaka<br>Ward (T-B1) | August 26, 2013  | 6.5  | 14                           | 20.5  |
| Common Japanese conger<br>(Muscle)       | Around 15km Offshore of Odaka<br>Ward (T-B1) | August 26, 2013  | 4.0  | 8.6                          | 12.6  |
| Littlemouth flounder (Muscle)            | Around 15km Offshore of Odaka<br>Ward (T-B1) | August 26, 2013  | ND   | 3.9                          | 3.9   |
| Marbled sole (Muscle)                    | Around 15km Offshore of Odaka<br>Ward (T-B1) | August 26, 2013  | 5.1  | 10                           | 15.1  |
| Dory (Muscle)                            | Around 15km Offshore of Odaka<br>Ward (T-B1) | August 26, 2013  | ND   | ND                           | ND    |
| Roundnose flounder (Muscle)              | Around 15km Offshore of Odaka<br>Ward (T-B1) | August 26, 2013  | ND   | 4.0                          | 4.0   |

\* When the measurement value is below the detection limit, "ND" is marked. The detection limits are as follows.

Cs-134: Approx. 4.3Bq/kg (Raw), Cs-137: Approx. 4.0Bq/kg (Raw)

As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

\* Standard Value (after April 1, 2012) Cs-134+Cs-137: 100Bq/kg

\* Analyzed by Tokyo Power Technology Ltd.

Nuclide Analysis Results of Fish and Shellfish  
(The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 6/8 >  
(Exclude in the Port of Fukushima Daiichi NPS)

(Data summarized on September 18)

| Name of Sample<br>(Region)       | Place of Sampling<br>(Place No.)                     | Date of Sampling | Radioactivity Density [Bq/kg (Raw)]<br>(Half-life) |                              |       |
|----------------------------------|--|------------------|--|------------------------------|-------|
|                                  |  |                  | Cs-134<br>(Approx. 2 years)                        | Cs-137<br>(Approx. 30 years) | Total |
| Stone flounder (Muscle)          | Around 18km Offshore of Ukedo River (T-B2)           | August 26, 2013  | ND   | 5.7                          | 5.7   |
| Lepidotrigla microptera (Muscle) | Around 18km Offshore of Ukedo River (T-B2)           | August 26, 2013  | ND   | 5.8                          | 5.8   |
| Common skete (Muscle)            | Around 18km Offshore of Ukedo River (T-B2)           | August 26, 2013  | 7.3  | 17                           | 24.3  |
| Littlemouth flounder (Muscle)    | Around 18km Offshore of Ukedo River (T-B2)           | August 26, 2013  | ND   | 4.7                          | 4.7   |
| Dory (Muscle)                    | Around 18km Offshore of Ukedo River (T-B2)           | August 26, 2013  | ND   | ND                           | ND    |
| Roundnose flounder (Muscle)      | Around 18km Offshore of Ukedo River (T-B2)           | August 26, 2013  | ND   | ND                           | ND    |
| Stone flounder (Muscle)          | Around 10km Offshore of Fukushima Daiichi NPS (T-B3) | August 11, 2013  | ND   | ND                           | ND    |
| Lepidotrigla microptera (Muscle) | Around 10km Offshore of Fukushima Daiichi NPS (T-B3) | August 11, 2013  | ND   | 5.5                          | 5.5   |
| Common skete (Muscle)            | Around 10km Offshore of Fukushima Daiichi NPS (T-B3) | August 11, 2013  | 35   | 69                           | 104   |
| Flatfish (Muscle)                | Around 10km Offshore of Fukushima Daiichi NPS (T-B3) | August 11, 2013  | 3.5  | 7.5                          | 11    |

\* When the measurement value is below the detection limit, "ND" is marked. The detection limits are as follows.

Cs-134: Approx. 4.2Bq/kg (Raw), Cs-137: Approx. 3.9Bq/kg (Raw)

As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

\* Standard Value (after April 1, 2012) Cs-134+Cs-137: 100Bq/kg

\* Analyzed by Tokyo Power Technology Ltd.

Nuclide Analysis Results of Fish and Shellfish  
(The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 7/8 >  
(Exclude in the Port of Fukushima Daiichi NPS)

(Data summarized on September 18)

| Name of Sample<br>(Region)       | Place of Sampling<br>(Place No.)                     | Date of Sampling | Radioactivity Density [Bq/kg (Raw)]<br>(Half-life) |                              |       |
|----------------------------------|--|------------------|--|------------------------------|-------|
|                                  |  |                  | Cs-134<br>(Approx. 2 years)                        | Cs-137<br>(Approx. 30 years) | Total |
| Sea robin (Muscle)               | Around 10km Offshore of Fukushima Daiichi NPS (T-B3) | August 11, 2013  | ND   | ND                           | ND    |
| Smooth dogfish (Muscle)          | Around 10km Offshore of Fukushima Daiichi NPS (T-B3) | August 11, 2013  | 7.8  | 17                           | 24.8  |
| Littlemouth flounder (Muscle)    | Around 10km Offshore of Fukushima Daiichi NPS (T-B3) | August 11, 2013  | 4.4  | 12                           | 16.4  |
| Marbled sole (Muscle)            | Around 10km Offshore of Fukushima Daiichi NPS (T-B3) | August 11, 2013  | ND   | 7.9                          | 7.9   |
| Pagrus major (Muscle)            | Around 10km Offshore of Fukushima Daiichi NPS (T-B3) | August 11, 2013  | 4.5  | 14                           | 18.5  |
| Greenling (Muscle)               | Around 10km Offshore of Fukushima Daini NPS (T-B4)   | August 11, 2013  | ND   | ND                           | ND    |
| Stone flounder (Muscle)          | Around 10km Offshore of Fukushima Daini NPS (T-B4)   | August 11, 2013  | ND   | 9.8                          | 9.8   |
| Lepidotrigla microptera (Muscle) | Around 10km Offshore of Fukushima Daini NPS (T-B4)   | August 11, 2013  | ND   | 8.9                          | 8.9   |
| Common skete (Muscle)            | Around 10km Offshore of Fukushima Daini NPS (T-B4)   | August 11, 2013  | 22   | 48                           | 70    |
| Flatfish (Muscle)                | Around 10km Offshore of Fukushima Daini NPS (T-B4)   | August 11, 2013  | ND   | ND                           | ND    |

\* When the measurement value is below the detection limit, "ND" is marked. The detection limits are as follows.

Cs-134: Approx. 5.2Bq/kg (Raw), Cs-137: Approx. 4.2Bq/kg (Raw)

As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

\* Standard Value (after April 1, 2012) Cs-134+Cs-137: 100Bq/kg

\* Analyzed by Tokyo Power Technology Ltd.

Nuclide Analysis Results of Fish and Shellfish  
 (The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 8/8 >  
 (Exclude in the Port of Fukushima Daiichi NPS)

(Data summarized on September 18)

| Name of Sample<br>(Region)    | Place of Sampling<br>(Place No.)                   | Date of Sampling | Radioactivity Density [Bq/kg (Raw)]<br>(Half-life) |                              |       |
|-------------------------------|--|------------------|--|------------------------------|-------|
|                               |  |                  | Cs-134<br>(Approx. 2 years)                        | Cs-137<br>(Approx. 30 years) | Total |
| Smooth dogfish (Muscle)       | Around 10km Offshore of Fukushima Daini NPS (T-B4) | August 11, 2013  | 6.2  | 11                           | 17.2  |
| Littlemouth flounder (Muscle) | Around 10km Offshore of Fukushima Daini NPS (T-B4) | August 11, 2013  | ND   | ND                           | ND    |
| Marbled sole (Muscle)         | Around 10km Offshore of Fukushima Daini NPS (T-B4) | August 11, 2013  | 5.5  | 14                           | 19.5  |
| Pagrus major (Muscle)         | Around 10km Offshore of Fukushima Daini NPS (T-B4) | August 11, 2013  | ND   | 3.6                          | 3.6   |
| Roundnose flounder (Muscle)   | Around 10km Offshore of Fukushima Daini NPS (T-B4) | August 11, 2013  | 4.3  | 7.8                          | 12.1  |
|                               |  |                  |  |                              |       |
|                               |  |                  |  |                              |       |
|                               |  |                  |  |                              |       |
|                               |  |                  |  |                              |       |
|                               |  |                  |  |                              |       |

\* When the measurement value is below the detection limit, "ND" is marked. The detection limits are as follows.

Cs-134: Approx. 3.7Bq/kg (Raw), Cs-137: Approx. 4.3Bq/kg (Raw)

As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

\* Standard Value (after April 1, 2012) Cs-134+Cs-137: 100Bq/kg

\* Analyzed by Tokyo Electric Power Environmental Engineering Co., Inc.