<Reference>
February 28, 2013
Tokyo Electric Power Company

Nuclide Analysis Results of Fish and Shellfish
(The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 1/13 >

(Data summarized on February 28)

Name of Sample (Region)	Place of Sampling （Place No.）	Date of Sampling	Radioactivity Density [Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	Total
Greenling (Muscle)	Around 1km Offshore of Ota River (T-S1)	January 31, 2013	71	150	221
Schlegel's black rockfish (Muscle)	Around 1km Offshore of Ota River (T-S1)	January 31, 2013	64	110	174
Common skete (Muscle)	Around 1km Offshore of Ota River (T-S1)	January 31, 2013	42	78	120
Ovalipes unctatus (Whole)	Around 1km Offshore of Ota River (T-S1)	January 31, 2013	7.5	16	23.5
Schlegel's black rockfish (Muscle)	Around 1km Offshore of Ota River (T-S1)	February 7, 2013	18	29	47
Common skete (Muscle)	Around 1km Offshore of Ota River (T-S1)	February 7, 2013	23	56	79
Pacific cod (Muscle)	Around 1km Offshore of Ota River (T-S1)	February 7, 2013	4.4	8.7	13.1
Common skete (Muscle)	Around 3km Offshore of Odaka Ward (T-S2)	January 31, 2013	51	100	151
Flatfish (Muscle)	Around 3km Offshore of Odaka Ward (T-S2)	January 31, 2013	17	30	47
Marbled sole (Muscle)	Around 3km Offshore of Odaka Ward (T-S2)	January 31, 2013	26	43	69

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

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

Nuclide Analysis Results of Fish and Shellfish
(The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 2/13 >

(Data summarized on February 28)

Name of Sample (Region)	Place of Sampling （Place No.）	Date of Sampling	Radioactivity Density [Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	Total
Pacific cod (Muscle)	Around 3km Offshore of Odaka Ward (T-S2)	January 31, 2013	32	55	87
Common skete (Muscle)	Around 3km Offshore of Odaka Ward (T-S2)	February 7, 2013	34	60	94
Pacific cod (Muscle)	Around 3km Offshore of Odaka Ward (T-S2)	February 7, 2013	7.8	10	17.8
Greenling (Muscle)	Around 3km Offshore of Ukedo River (T-S3)	January 29, 2013	58	100	158
Snailfish (Muscle)	Around 3km Offshore of Ukedo River (T-S3)	January 29, 2013	ND	ND	ND
Schlegel's black rockfish (Muscle)	Around 3km Offshore of Ukedo River (T-S3)	January 29, 2013	160	300	460
Sea raven (Muscle)	Around 3km Offshore of Ukedo River (T-S3)	January 29, 2013	20	30	50
Common skete (Muscle)	Around 3km Offshore of Ukedo River (T-S3)	January 29, 2013	150	250	400
Microstoms achne (Muscle)	Around 3km Offshore of Ukedo River (T-S3)	January 29, 2013	79	160	239
Flatfish (Muscle)	Around 3km Offshore of Ukedo River (T-S3)	January 29, 2013	27	45	72

* 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. 3.7Bq/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.

Nuclide Analysis Results of Fish and Shellfish
(The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 3/13 >

(Data summarized on February 28)

Name of Sample (Region)	Place of Sampling （Place No.）	Date of Sampling	Radioactivity Density [Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	Total
Pacific cod (Muscle)	Around 3km Offshore of Ukedo River (T-S3)	January 29, 2013	14	28	42
Snailfish (Muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	January 29, 2013	ND	ND	ND
Schlegel's black rockfish (Muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	January 29, 2013	98	160	258
Common skete (Muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	January 29, 2013	63	120	183
Microstoms achne (Muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	January 29, 2013	79	160	239
Flatfish (Muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	January 29, 2013	28	51	79
Marbled sole (Muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	January 29, 2013	80	140	220
Pacific cod (Muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	January 29, 2013	11	16	27
Greenling (Muscle)	Around 15km Offshore of Odaka Ward (T-B1)	February 4, 2013	6.7	22	28.7
Stone flounder (Muscle)	Around 15km Offshore of Odaka Ward (T-B1)	February 4, 2013	10	20	30

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

Cs-134: Approx. 4.0Bq/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 Electric Power Environmental Engineering Co., Inc.

Nuclide Analysis Results of Fish and Shellfish
(The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 4/13 >

(Data summarized on February 28)

Name of Sample (Region)	Place of Sampling （Place No.）	Date of Sampling	Radioactivity Density [Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	Total
Lepidotrigla microptera (Muscle)	Around 15km Offshore of Odaka Ward (T-B1)	February 4, 2013	ND	4.4	4.4
Gnathophis nystromi nystoromi (Muscle)	Around 15km Offshore of Odaka Ward (T-B1)	February 4, 2013	6.1	16	22.1
Common skete (Muscle)	Around 15km Offshore of Odaka Ward (T-B1)	February 4, 2013	47	100	147
Loliginid (Whole)	Around 15km Offshore of Odaka Ward (T-B1)	February 4, 2013	ND	ND	ND
Sea bass (Muscle)	Around 15km Offshore of Odaka Ward (T-B1)	February 4, 2013	9.8	23	32.8
Microstoms achne (Muscle)	Around 15km Offshore of Odaka Ward (T-B1)	February 4, 2013	5.5	11	16.5
Flatfish (Muscle)	Around 15km Offshore of Odaka Ward (T-B1)	February 4, 2013	11	22	33
Littlemouth flounder (Muscle)	Around 15km Offshore of Odaka Ward (T-B1)	February 4, 2013	ND	ND	ND
Marbled sole (Muscle)	Around 15km Offshore of Odaka Ward (T-B1)	February 4, 2013	26	78	104
Pacific cod (Muscle)	Around 15km Offshore of Odaka Ward (T-B1)	February 4, 2013	ND	4.4	4.4

* 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. 3.8Bq/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.

Nuclide Analysis Results of Fish and Shellfish
(The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 5/13 >

(Data summarized on February 28)

Name of Sample (Region)	Place of Sampling （Place No.）	Date of Sampling	Radioactivity Density [Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	Total
Roundnose flounder (Muscle)	Around 15km Offshore of Odaka Ward (T-B1)	February 4, 2013	ND	ND	ND
Stone flounder (Muscle)	Around 18km Offshore of Ukedo River (T-B2)	February 4, 2013	22	33	55
Lepidotrigla microptera (Muscle)	Around 18km Offshore of Ukedo River (T-B2)	February 4, 2013	ND	8.5	8.5
Common skete (Muscle)	Around 18km Offshore of Ukedo River (T-B2)	February 4, 2013	50	86	136
Sea bass (Muscle)	Around 18km Offshore of Ukedo River (T-B2)	February 4, 2013	9.7	17	26.7
Microstoms achne (Muscle)	Around 18km Offshore of Ukedo River (T-B2)	February 4, 2013	15	30	45
Flatfish (Muscle)	Around 18km Offshore of Ukedo River (T-B2)	February 4, 2013	7.3	16	23.3
Littlemouth flounder (Muscle)	Around 18km Offshore of Ukedo River (T-B2)	February 4, 2013	15	23	38
Pacific cod (Muscle)	Around 18km Offshore of Ukedo River (T-B2)	February 4, 2013	22	35	57
Ridged-eye flounder (Muscle)	Around 18km Offshore of Ukedo River (T-B2)	February 4, 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. 4.0Bq/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.

Nuclide Analysis Results of Fish and Shellfish
(The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 6/13 >

(Data summarized on February 28)

Name of Sample (Region)	Place of Sampling （Place No.）	Date of Sampling	Radioactivity Density [Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	Total
Greenling (Muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	February 4, 2013	57	91	148
Stone flounder (Muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	February 4, 2013	ND	ND	ND
Lepidotrigla microptera (Muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	February 4, 2013	ND	5.2	5.2
Sea raven (Muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	February 4, 2013	11	20	31
Common skete (Muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	February 4, 2013	53	91	144
Sea bass (Muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	February 4, 2013	17	24	41
Flatfish (Muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	February 4, 2013	34	62	96
Common Japanese conger (Muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	February 4, 2013	5.1	8.7	13.8
Marbled sole (Muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	February 4, 2013	5.0	11	16
Pacific cod (Muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	February 4, 2013	17	35	52

* 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. 4.3Bq/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.

Nuclide Analysis Results of Fish and Shellfish
(The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 7/13 >

(Data summarized on February 28)

Name of Sample (Region)	Place of Sampling （Place No.）	Date of Sampling	Radioactivity Density [Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	Total
Balloonfish (Muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	February 4, 2013	ND	10	10
Octopus dofleini (Muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	February 4, 2013	ND	ND	ND
Black scraper (Muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	February 4, 2013	ND	ND	ND
Common skete (Muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	February 4, 2013	46	110	156
Sea bass (Muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	February 4, 2013	5.2	6.2	11.4
Microstoms achne (Muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	February 4, 2013	31	65	96
Flatfish (Muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	February 4, 2013	22	38	60
Marbled sole (Muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	February 4, 2013	9.0	18	27
Pacific cod (Muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	February 4, 2013	11	18	29
Balloonfish (Muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	February 4, 2013	7.8	15	22.8

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

Cs-134: Approx. 4.9Bq/kg (Raw), Cs-137: Approx. 4.6Bq/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.

Nuclide Analysis Results of Fish and Shellfish
(The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 8/13 >

(Data summarized on February 28)

Name of Sample (Region)	Place of Sampling （Place No.）	Date of Sampling	Radioactivity Density [Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	Total
Roundnose flounder (Muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	February 4, 2013	8.1	11	19.1
Schlegel's black rockfish (Muscle) No.1	In the Port of Fukushima Daiichi NPS (Around the Shallow Draft Quay)	January 30, 2013	2900	5400	8300
Spotbelly rockfish (Muscle) No.1	In the Port of Fukushima Daiichi NPS (Around the Shallow Draft Quay)	January 30, 2013	17000	31000	48000
Common Japanese conger (Muscle) No.1	In the Port of Fukushima Daiichi NPS (Around the Shallow Draft Quay)	January 30, 2013	480	890	1370
Greenling (Muscle) No.1	In the Port of Fukushima Daiichi NPS (Around the Shallow Draft Quay)	February 15, 2013	35000	64000	99000
Spotbelly rockfish (Muscle) No.2	In the Port of Fukushima Daiichi NPS (Around the Shallow Draft Quay)	February 15, 2013	97000	180000	277000
Spotbelly rockfish (Muscle) No.3	In the Port of Fukushima Daiichi NPS (Around the Shallow Draft Quay)	February 15, 2013	55000	99000	154000
Greenling (Muscle) No.2	In the Port of Fukushima Daiichi NPS (Around the East Seawall Break)	January 30, 2013	50000	89000	139000
Spotbelly rockfish (Muscle) No.4	In the Port of Fukushima Daiichi NPS (Around the East Seawall Break)	January 30, 2013	71000	130000	201000
Spotbelly rockfish (Muscle) No.5	In the Port of Fukushima Daiichi NPS (Around the East Seawall Break)	January 30, 2013	75000	130000	205000

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

* Analysis in T-B4 was conducted by Tokyo Electric Power Environmental Engineering Co., Inc.

Nuclide Analysis Results of Fish and Shellfish
(The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 9/13 >

(Data summarized on February 28)

Name of Sample (Region)	Place of Sampling （Place No.）	Date of Sampling	Radioactivity Density [Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	Total
Brown hakeling (Muscle) No.1	In the Port of Fukushima Daiichi NPS (Around the East Seawall Break)	February 15, 2013	5300	9600	14900
Common Japanese conger (Muscle) No.2	In the Port of Fukushima Daiichi NPS (Around the East Seawall Break)	February 15, 2013	990	1900	2890
Greenling (Muscle) No.3	In the Port of Fukushima Daiichi NPS (Around the South Breakwater)	February 15, 2013	6900	13000	19900
Greenling (Muscle) No.4	In the Port of Fukushima Daiichi NPS (Around the North Breakwater)	January 30, 2013	11000	20000	31000
Greenling (Muscle) No.5	In the Port of Fukushima Daiichi NPS (Around the North Breakwater)	January 30, 2013	8200	15000	23200
Brown hakeling (Muscle) No.2	In the Port of Fukushima Daiichi NPS (Around the North Breakwater)	January 30, 2013	780	1400	2180
Brown hakeling (Muscle) No.3	In the Port of Fukushima Daiichi NPS (Around the North Breakwater)	January 30, 2013	1300	2300	3600
Greenling (Muscle) No.6	In the Port of Fukushima Daiichi NPS (Around the North Breakwater)	February 15, 2013	6200	11000	17200
Greenling (Muscle) No.7	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	February 12, 2013	86000	160000	246000
Schlegel's black rockfish (Muscle) No.2	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	February 12, 2013	12000	21000	33000

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

Nuclide Analysis Results of Fish and Shellfish
(The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 10/13 >

(Data summarized on February 28)

Name of Sample (Region)	Place of Sampling （Place No.）	Date of Sampling	Radioactivity Density [Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	Total
Common skete (Muscle) No.1	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	February 12, 2013	1000	1900	2900
Sebastes cheni (Muscle) No.1	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	February 12, 2013	38000	69000	107000
Sebastes cheni (Muscle) No.2	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	February 12, 2013	23000	41000	64000
Sebastes cheni (Muscle) No.3	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	February 12, 2013	27000	49000	76000
Jacopever (Muscle) No.1	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	February 12, 2013	51000	92000	143000
Marbled sole (Muscle) No.1	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	February 12, 2013	220	380	600
Pacific cod (Muscle) No.1	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	February 12, 2013	41	89	130
Spotbelly rockfish (Muscle) No.6	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	February 12, 2013	37000	68000	105000
Greenling (Muscle) No.8	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	February 13, 2013	700	1300	2000
Common skete (Muscle) No.2	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	February 13, 2013	280	540	820

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

Nuclide Analysis Results of Fish and Shellfish
(The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 11/13 >

(Data summarized on February 28)

Name of Sample (Region)	Place of Sampling （Place No.）	Date of Sampling	Radioactivity Density [Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	Total
Sebastes cheni (Muscle) No.4	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	February 13, 2013	32000	59000	91000
Sebastes cheni (Muscle) No.5	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	February 13, 2013	47000	85000	132000
Sebastes cheni (Muscle) No.6	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	February 13, 2013	41000	75000	116000
Marbled sole (Muscle) No.2	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	February 13, 2013	96	160	256
Spotbelly rockfish (Muscle) No.7	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	February 13, 2013	55000	99000	154000
Greenling (Muscle) No.9	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	February 15, 2013	50000	90000	140000
Schlegel's black rockfish (Muscle) No.3	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	February 15, 2013	3100	5600	8700
Sebastes cheni (Muscle) No.7	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	February 15, 2013	20000	37000	57000
Jacopever (Muscle) No.2	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	February 15, 2013	42000	77000	119000
Flatfish (Muscle)	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	February 15, 2013	120	240	360

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

Nuclide Analysis Results of Fish and Shellfish
(The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 12/13 >

(Data summarized on February 28)

Name of Sample (Region)	Place of Sampling （Place No.）	Date of Sampling	Radioactivity Density [Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	Total
Marbled sole (Muscle) No.3	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	February 15, 2013	14000	25000	39000
Marbled sole (Muscle) No.4	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	February 15, 2013	630	1200	1830
Marbled sole (Muscle) No.5	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	February 15, 2013	98	180	278
Flathead (Platycephalus sp.) (Muscle)	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	February 15, 2013	440	950	1390
Greenling (Muscle) No.10	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	February 16, 2013	6800	12000	18800
Schlegel's black rockfish (Muscle) No.4	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	February 16, 2013	450	810	1260
Sebastes cheni (Muscle) No.8	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	February 16, 2013	30000	55000	85000
Sebastes cheni (Muscle) No.9	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	February 16, 2013	19000	35000	54000
Pacific cod (Muscle) No.2	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	February 16, 2013	32	48	80
Greenling (Muscle) No.11	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	February 17, 2013	180000	330000	510000

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

Nuclide Analysis Results of Fish and Shellfish
(The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 13/13 >

(Data summarized on February 28)

Name of Sample (Region)	Place of Sampling （Place No.）	Date of Sampling	Radioactivity Density [Bq/kg (Raw)] (Half-life)		
			Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	Total
Greenling (Muscle) No.12	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	February 17, 2013	42000	76000	118000
Sebastes cheni (Muscle) No.10	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	February 17, 2013	28000	51000	79000
Sebastes cheni (Muscle) No.11	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	February 17, 2013	22000	40000	62000
Sebastes cheni (Muscle) No.12	In the Port of Fukushima Daiichi NPS (Around the Port Entrance)	February 17, 2013	14000	26000	40000

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

〈Reference〉
February 28, 2013
Tokyo Electric Power Company

Nuclide Analysis Results of Fish and Shellfish
(The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 1/3 >

[Measurement result of fish and selfish where radioactive materials other than Cs were detected]

(Data summarized on February 28)

Name of Sample (Region)	Place of Sampling （Place No.）	Date of Sampling	Radioactivity Density [Bq/kg (Raw)] (Half-life)		
			Ag-110m (Approx. 250 days)	Sr-90 (Approx. 29 years)	Reference (Cs-134+Cs-137)
Blue crab (Whole)	Around 1km Offshore of Ota River (T-S1)	October 18, 2012	11	－	ND
Blue crab (Whole)	Around 1km Offshore of Ota River (T-S1)	November 8, 2012	7.6	－	ND
Ovalipes unctatus (Whole)	Around 1km Offshore of Ota River (T-S1)	November 8, 2012	16	－	ND
Ovalipes unctatus (Whole)	Around 1km Offshore of Ota River (T-S1)	December 20, 2012	8.0	－	13.7
Blue crab (Whole)	Around 3km Offshore of Odaka Ward (T-S2)	October 18, 2012	11	－	ND
Blue crab (Whole)	Around 3km Offshore of Odaka Ward (T-S2)	November 8, 2012	12	－	ND
Ovalipes unctatus (Whole)	Around 3km Offshore of Odaka Ward (T-S2)	November 8, 2012	15	－	13.6
Blue crab (Whole)	Around 3km Offshore of Ukedo River (T-S3)	October 13, 2012	14	－	37
Blue crab (Whole)	Around 3km Offshore of Ukedo River (T-S3)	November 21, 2012	5.5	－	ND
Blue crab (Whole)	Around 3km Offshore of Ukedo River (T-S3)	December 13, 2012	8.0	－	ND

- " - " : Out of scope.
- When the measurement value is below the detection limit, "ND" is marked. The detection limits are as follows.
  Cs-134: Approx. 4.8Bq/kg (Raw), Cs-137: Approx. 4.8Bq/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
- Ag-110m: Analyzed by Tokyo Electric Power Environmental Engineering Co., Inc.

Nuclide Analysis Results of Fish and Shellfish
(The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 2/3 >

[Measurement result of fish and selfish where radioactive materials other than Cs were detected]

(Data summarized on February 28)

Name of Sample (Region)	Place of Sampling （Place No.）	Date of Sampling	Radioactivity Density [Bq/kg (Raw)] (Half-life)		
			Ag-110m (Approx. 250 days)	Sr-90 (Approx. 29 years)	Reference (Cs-134+Cs-137)
Ovalipes unctatus (Whole)	Around 3km Offshore of Ukedo River (T-S3)	December 13, 2012	19	－	5.2
Blue crab (Whole)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	October 13, 2012	10	－	ND
Ovalipes unctatus (Whole)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	October 13, 2012	21	－	4.3
Blue crab (Whole)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	November 21, 2012	6.8	－	ND
Blue crab (Whole)	Around 2km Offshore of Kido River (T-S5)	October 15, 2012	10	－	8.5
Banded dogfish (Muscle)	Around 2km Offshore of Fukushima Daini NPS (T-S7)	September 15, 2012	ND	0.82	1430
Blue crab (Whole)	Around 2km Offshore of Fukushima Daini NPS (T-S7)	October 15, 2012	9.3	－	ND
Schlegel's black rockfish (Muscle)	Around 2km Offshore of Fukushima Daini NPS (T-S7)	October 15, 2012	ND	1.2	1470
Blue crab (Whole)	Around 2km Offshore of Fukushima Daini NPS (T-S7)	November 15, 2012	5.9	－	ND
Blue crab (Whole)	Around 4km Offshore of Kumagawa (T-S8)	October 14, 2012	6.5	－	ND

- " - " : Out of scope.
- When the measurement value is below the detection limit, "ND" is marked. The detection limits are as follows.
  Ag-110m: Approx. 11Bq/kg (Raw), Cs-134: Approx. 4.7Bq/kg (Raw), Cs-137: Approx. 4.6Bq/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
- Ag-110m: Analyzed by Tokyo Electric Power Environmental Engineering Co., Inc., Sr-90: Analyzed by THE GENERAL ENVIRONMENTAL TECHNOS Co., LTD.

* Measured by the whole fish.

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

[Measurement result of fish and selfish where radioactive materials other than Cs were detected]

(Data summarized on February 28)

Name of Sample (Region)	Place of Sampling （Place No.）	Date of Sampling	Radioactivity Density [Bq/kg (Raw)] (Half-life)		
			Ag-110m (Approx. 250 days)	Sr-90 (Approx. 29 years)	Reference (Cs-134+Cs-137)
Ovalipes unctatus (Whole)	Around 4km Offshore of Kumagawa (T-S8)	October 14, 2012	26	－	19.9
Blue crab (Whole)	Around 4km Offshore of Kumagawa (T-S8)	November 10, 2012	11	－	14.8
Ovalipes unctatus (Whole)	Around 4km Offshore of Kumagawa (T-S8)	November 10, 2012	21	－	4.2
Blue crab (Whole)	Around 4km Offshore of Kumagawa (T-S8)	November 19, 2012	7.1	－	ND
Blue crab (Whole)	Around 18km Offshore of Ukedo River (T-B2)	December 21, 2012	7.9	－	ND

- " - " : Out of scope.
- When the measurement value is below the detection limit, "ND" is marked. The detection limits are as follows.
  Cs-134: Approx. 4.6Bq/kg (Raw), Cs-137: Approx. 3.6Bq/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
- Ag-110m: Analyzed by Tokyo Electric Power Environmental Engineering Co., Inc.