

<Reference>

July 4, 2012

Tokyo Electric Power Company

Nuclide Analysis Results of Fish and Shellfish
(The Ocean Area Within 20km Radius of Fukushima Daiichi NPS) < 1/2 >

(Data Summarized on July 4)

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 2km Offshore of Kido River (T-S5)	Jun 16, 2012	210	340	550
Common Skete (Muscle)	Around 2km Offshore of Kido River (T-S5)	Jun 16, 2012	400	600	1000
Pennahia argentata (Muscle)	Around 2km Offshore of Kido River (T-S5)	Jun 16, 2012	10	17	27
Microstomus achne (Muscle)	Around 2km Offshore of Kido River (T-S5)	Jun 16, 2012	390	570	960
Flatfish (Muscle)	Around 2km Offshore of Kido River (T-S5)	Jun 16, 2012	77	130	207
Marbled sole (Muscle)	Around 2km Offshore of Kido River (T-S5)	Jun 16, 2012	330	490	820
Greenling (Muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	Jun 18, 2012	51	83	134
Northern dogfish (Muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	Jun 18, 2012	ND	ND	ND
Andrea cuttlefish (Whole)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	Jun 18, 2012	ND	ND	ND
Lepidotrigla microptera (Muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	Jun 18, 2012	21	32	53

* 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. 5.1Bq/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) < 2/2 >

(Data Summarized on July 4)

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
Lophius litilon (Whole)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	Jun 18, 2012	5.2	6.9	12.1
Common Skete (Muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	Jun 18, 2012	120	170	290
Loliginid (Whole)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	Jun 18, 2012	ND	ND	ND
Crimson sea bream (Muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	Jun 18, 2012	5.4	9.8	15.2
Microstomus achne (Muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	Jun 18, 2012	41	59	100
Flatfish (Muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	Jun 18, 2012	34	41	75
Marbled sole (Muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	Jun 18, 2012	48	76	124
Dory (Muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	Jun 18, 2012	5.7	6.8	12.5
Octpus (Enteroctopus dofleini) (Muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	Jun 18, 2012	ND	ND	ND
Roundnose flounder (Muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	Jun 18, 2012	ND	6.4	6.4

* 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.

Sample Photos of Fish and Shellfish (June 16 and 18, 2012)

Sampling locations: Around 2km Offshore of Kido River (T-S5), Around 10km Offshore of Fukushima Daini NPS (T-B4)

1. Greenling



2. Common Skete



3. Pennahia argentata



4. Microstomus achne



5. Flatfish



6. Marbled sole



7. Northern dogfish



8. Andrea cuttlefish



9. Lepidotrigla microptera



10. Lophius litilon



11. Loliginid



12. Crimson sea bream



13. Dory



14. Octopus (Enteroctopus dofeini)



15. Roundnose flounder

