#### <Reference> March 17, 2016 Tokyo Electric Power Company

#### Nuclide Analysis Results of Fish and Shellfish

# (Ocean Area Within 20km Radius of Fukushima Daiichi Nuclear Power Station) <1/9> (excluding the Port Area)

(Data summarized on March 17)

Name of Sample (Region)			Radioactivit	q/kg (Raw)]	
	Place of Sampling (Place No.)	Date of Sampling	Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	CS (Sum)
Schlegel's black rockfish (muscle)	Around 1km Offshore of Ota River (T-S1)	Feb 19, 2016	ND (4.3)	3.7	3.7
Common skete (muscle)	Around 1km Offshore of Ota River (T-S1)	Feb 19, 2016	ND (3.8)	4.1	4.1
Flatfish (muscle)	Around 1km Offshore of Ota River (T-S1)	Feb 19, 2016	ND (3.7)	ND (3.8)	ND
Pacific cod (muscle)	Around 1km Offshore of Ota River (T-S1)	Feb 19, 2016	ND (3.5)	ND (3.8)	ND
Flatfish (muscle)	Around 3km Offshore of Odaka Ward (T-S2)	Feb 19, 2016	ND (2.7)	ND (3.4)	ND
Pacific cod (muscle)	Around 3km Offshore of Odaka Ward (T-S2)	Feb 19, 2016	ND (4.0)	ND (3.7)	ND
Stone flounder (muscle)	Around 3km Offshore of Ukedo River (T-S3)	Feb 17, 2016	ND (3.2)	ND (3.5)	ND
Schlegel's black rockfish (muscle)	Around 3km Offshore of Ukedo River (T-S3)	Feb 17, 2016	ND (3.3)	11	11
Common skete (muscle)	Around 3km Offshore of Ukedo River (T-S3)	Feb 17, 2016	5.7	29	34.7
Flatfish (muscle)	Around 3km Offshore of Ukedo River (T-S3)	Feb 17, 2016	ND (4.5)	4.4	4.4

\* When an analysis result is less than a detection limit of radioactivity concentration, the value is indicated as "ND (not detected)."

A detection limit of individual nuclide is provided in parenthesis.

\* The sum of Cs-134 and Cs-137 radioactivity concentration as a standard value (since April 1, 2012) is 100 Bq/kg.

## Nuclide Analysis Results of Fish and Shellfish (Ocean Area Within 20km Radius of Fukushima Daiichi Nuclear Power Station) <2/9> (excluding the Port Area)

(Data summarized on March 17)

Name of Sample (Region)			Radioactivity Concentration [Bq/kg (Raw)] (Half-life)			
	Place of Sampling (Place No.)	Date of Sampling	Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	CS (Sum)	
Marbled sole (muscle)	Around 3km Offshore of Ukedo River (T-S3)	Feb 17, 2016	ND (4.4)	16	16	
Pacific cod (muscle)	Around 3km Offshore of Ukedo River (T-S3)	Feb 17, 2016	ND (3.6)	ND (3.6)	ND	
Northern dogfish (muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	Feb 17, 2016	ND (3.2)	ND (3.3)	ND	
Schlegel's black rockfish (muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	Feb 17, 2016	ND (4.3)	4.5	4.5	
Common skete (muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	Feb 17, 2016	7.0	31	38	
Microstomus achne (muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	Feb 17, 2016	6.6	28	34.6	
Littlemouth flounder (muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	Feb 17, 2016	ND (4.6)	ND (3.4)	ND	
Marbled sole (muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	Feb 17, 2016	3.4	13	16.4	
Pacific cod (muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	Feb 17, 2016	ND (3.7)	ND (3.6)	ND	
Roundnose flounder (muscle)	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	Feb 17, 2016	ND (4.1)	ND (4.0)	ND	

\* When an analysis result is less than a detection limit of radioactivity concentration, the value is indicated as "ND (not detected)."

A detection limit of individual nuclide is provided in parenthesis.

\* The sum of Cs-134 and Cs-137 radioactivity concentration as a standard value (since April 1, 2012) is 100 Bq/kg.

#### Nuclide Analysis Results of Fish and Shellfish (Ocean Area Within 20km Radius of Fukushima Daiichi Nuclear Power Station) <3/9> (excluding the Port Area)

(Data summarized on March 17)

Name of Sample (Region)			Radioactivity Concentration [Bq/kg (Raw)] (Half-life)			
	Place of Sampling (Place No.)	Date of Sampling	Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	CS (Sum)	
Greenling (muscle)	Around 2km Offshore of Kido River (T-S5)	Feb 10, 2016	ND (3.4)	5.4	5.4	
Common skete (muscle)	Around 2km Offshore of Kido River (T-S5)	Feb 10, 2016	ND (3.4)	18	18	
Microstomus achne (muscle)	Around 2km Offshore of Kido River (T-S5)	Feb 10, 2016	ND (3.7)	15	15	
Greenling (muscle)	Offshore 2km vicinity of Fukushima Daiini NPS(T-S7)	Feb 10, 2016	ND (3.5)	11	11	
Sea raven (muscle)	Offshore 2km vicinity of Fukushima Daiini NPS(T-S7)	Feb 10, 2016	ND (3.5)	5.7	5.7	
Common skete (muscle)	Offshore 2km vicinity of Fukushima Daiini NPS(T-S7)	Feb 10, 2016	4.3	22	26.3	
Microstomus achne (muscle)	Offshore 2km vicinity of Fukushima Daiini NPS(T-S7)	Feb 10, 2016	ND (4.2)	12	12	
Marbled sole (muscle)	Offshore 2km vicinity of Fukushima Daiini NPS(T-S7)	Feb 10, 2016	ND (3.5)	4.8	4.8	
Pacific cod (muscle)	Offshore 2km vicinity of Fukushima Daiini NPS(T-S7)	Feb 10, 2016	ND (3.7)	ND (3.7)	ND	
Common skete (muscle)	Around 4km Offshore of Kumagawa (T-S8)	Feb 8, 2016	4.7	18	22.7	

\* When an analysis result is less than a detection limit of radioactivity concentration, the value is indicated as "ND (not detected)."

A detection limit of individual nuclide is provided in parenthesis.

\* The sum of Cs-134 and Cs-137 radioactivity concentration as a standard value (since April 1, 2012) is 100 Bq/kg.

## Nuclide Analysis Results of Fish and Shellfish (Ocean Area Within 20km Radius of Fukushima Daiichi Nuclear Power Station) <4/9> (excluding the Port Area)

(Data summarized on March 17)

Name of Sample (Region)			Radioactivity Concentration [Bq/kg (Raw)] (Half-life)		
	Place of Sampling (Place No.)	Date of Sampling	Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	CS (Sum)
Microstomus achne (muscle)	Around 4km Offshore of Kumagawa (T-S8)	Feb 8, 2016	ND (4.3)	13	13
Ovalipes punctatus (whole)	Around 4km Offshore of Kumagawa (T-S8)	Feb 8, 2016	ND (2.9)	ND (3.5)	ND
Flatfish (muscle)	Around 4km Offshore of Kumagawa (T-S8)	Feb 8, 2016	ND (3.6)	ND (3.7)	ND
Littlemouth flounder (muscle)	Around 4km Offshore of Kumagawa (T-S8)	Feb 8, 2016	ND (3.1)	4.8	4.8
Roundnose flounder (muscle)	Around 4km Offshore of Kumagawa (T-S8)	Feb 8, 2016	ND (3.4)	ND (3.5)	ND
Greenling (muscle)	Around 15km Offshore of Odaka Ward (T-B1)	Feb 5, 2016	ND (3.6)	4.4	4.4
Stone flounder (muscle)	Around 15km Offshore of Odaka Ward (T-B1)	Feb 5, 2016	ND (4.0)	ND (4.0)	ND
Lepidotrigla microptera (muscle)	Around 15km Offshore of Odaka Ward (T-B1)	Feb 5, 2016	ND (3.3)	ND (4.1)	ND
Common skete (muscle)	Around 15km Offshore of Odaka Ward (T-B1)	Feb 5, 2016	ND (4.5)	4.7	4.7
Sea bass (muscle)	Around 15km Offshore of Odaka Ward (T-B1)	Feb 5, 2016	ND (3.4)	ND (3.4)	ND

\* When an analysis result is less than a detection limit of radioactivity concentration, the value is indicated as "ND (not detected)."

A detection limit of individual nuclide is provided in parenthesis.

\* The sum of Cs-134 and Cs-137 radioactivity concentration as a standard value (since April 1, 2012) is 100 Bq/kg.

## Nuclide Analysis Results of Fish and Shellfish (Ocean Area Within 20km Radius of Fukushima Daiichi Nuclear Power Station) <5/9> (excluding the Port Area)

(Data summarized on March 17)

Name of Sample (Region)			Radioactivity Concentration [Bq/kg (Raw (Half-life)		
	Place of Sampling (Place No.)	Date of Sampling	Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	CS (Sum)
Microstomus achne (muscle)	Around 15km Offshore of Odaka Ward (T-B1)	Feb 5, 2016	ND (3.4)	ND (3.2)	ND
Flatfish (muscle)	Around 15km Offshore of Odaka Ward (T-B1)	Feb 5, 2016	ND (3.7)	ND (3.0)	ND
Common Japanese conger (muscle)	Around 15km Offshore of Odaka Ward (T-B1)	Feb 5, 2016	ND (4.4)	ND (3.5)	ND
Littlemouth flounder (muscle)	Around 15km Offshore of Odaka Ward (T-B1)	Feb 5, 2016	ND (3.6)	ND (4.3)	ND
Pacific cod (muscle)	Around 15km Offshore of Odaka Ward (T-B1)	Feb 5, 2016	ND (4.1)	ND (4.1)	ND
Greenling (muscle)	Around 18km Offshore of Ukedo River (T-B2)	Feb 5, 2016	ND (4.0)	ND (4.0)	ND
Stone flounder (muscle)	Around 18km Offshore of Ukedo River (T-B2)	Feb 5, 2016	ND (4.0)	19	19
Lepidotrigla microptera (muscle)	Around 18km Offshore of Ukedo River (T-B2)	Feb 5, 2016	ND (3.3)	ND (3.4)	ND
Common skete (muscle)	Around 18km Offshore of Ukedo River (T-B2)	Feb 5, 2016	ND (4.1)	6.9	6.9
Sea bass (muscle)	Around 18km Offshore of Ukedo River (T-B2)	Feb 5, 2016	ND (3.2)	ND (4.1)	ND

\* When an analysis result is less than a detection limit of radioactivity concentration, the value is indicated as "ND (not detected)."

A detection limit of individual nuclide is provided in parenthesis.

\* The sum of Cs-134 and Cs-137 radioactivity concentration as a standard value (since April 1, 2012) is 100 Bq/kg.

## Nuclide Analysis Results of Fish and Shellfish (Ocean Area Within 20km Radius of Fukushima Daiichi Nuclear Power Station) <6/9> (excluding the Port Area)

(Data summarized on March 17)

Name of Sample (Region)			Radioactivity Concentration [Bq/kg (Raw)] (Half-life)			
	Place of Sampling (Place No.)	Date of Sampling	Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	CS (Sum)	
Microstomus achne (muscle)	Around 18km Offshore of Ukedo River (T-B2)	Feb 5, 2016	4.4	20	24.4	
Flatfish (muscle)	Around 18km Offshore of Ukedo River (T-B2)	Feb 5, 2016	ND (3.4)	ND (4.0)	ND	
Common Japanese conger (muscle)	Around 18km Offshore of Ukedo River (T-B2)	Feb 5, 2016	ND (3.5)	4.1	4.1	
Littlemouth flounder (muscle)	Around 18km Offshore of Ukedo River (T-B2)	Feb 5, 2016	ND (3.4)	ND (3.7)	ND	
Marbled sole (muscle)	Around 18km Offshore of Ukedo River (T-B2)	Feb 5, 2016	ND (4.2)	7.9	7.9	
Pacific cod (muscle)	Around 18km Offshore of Ukedo River (T-B2)	Feb 5, 2016	ND (3.9)	ND (4.2)	ND	
Roundnose flounder (muscle)	Around 18km Offshore of Ukedo River (T-B2)	Feb 5, 2016	ND (3.3)	ND (3.8)	ND	
Ridged-eye flounder (muscle)	Around 18km Offshore of Ukedo River (T-B2)	Feb 5, 2016	ND (3.4)	ND (3.5)	ND	
Slippery sole (muscle)	Around 18km Offshore of Ukedo River (T-B2)	Feb 5, 2016	ND (3.3)	ND (3.9)	ND	
Greenling (muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	Feb 12, 2016	ND (3.3)	ND (4.3)	ND	

\* When an analysis result is less than a detection limit of radioactivity concentration, the value is indicated as "ND (not detected)."

A detection limit of individual nuclide is provided in parenthesis.

\* The sum of Cs-134 and Cs-137 radioactivity concentration as a standard value (since April 1, 2012) is 100 Bq/kg.

## Nuclide Analysis Results of Fish and Shellfish (Ocean Area Within 20km Radius of Fukushima Daiichi Nuclear Power Station) <7/9> (excluding the Port Area)

(Data summarized on March 17)

Name of Sample (Region)			Radioactivity Concentration [Bq/kg (Raw)] (Half-life)		
	Place of Sampling (Place No.)	Date of Sampling	Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	CS (Sum)
Stone flounder (muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	Feb 12, 2016	ND (3.7)	4.5	4.5
Lepidotrigla microptera (muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	Feb 12, 2016	ND (3.6)	ND (3.3)	ND
(muscle) Schlegel's black rockfish (muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	Feb 12, 2016	ND (4.1)	ND (3.6)	ND
Common skete (muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	Feb 12, 2016	ND (4.4)	7.6	7.6
Sea bass (muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	Feb 12, 2016	ND (3.1)	ND (3.8)	ND
Microstomus achne (muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	Feb 12, 2016	ND (3.8)	7.2	7.2
Flatfish (muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	Feb 12, 2016	ND (4.4)	6.3	6.3
Littlemouth flounder (muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	Feb 12, 2016	ND (3.9)	ND (3.5)	ND
Marbled sole (muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	Feb 12, 2016	ND (4.0)	5.1	5.1
Pacific cod (muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	Feb 12, 2016	ND (4.3)	ND (4.0)	ND

\* When an analysis result is less than a detection limit of radioactivity concentration, the value is indicated as "ND (not detected)."

A detection limit of individual nuclide is provided in parenthesis.

\* The sum of Cs-134 and Cs-137 radioactivity concentration as a standard value (since April 1, 2012) is 100 Bq/kg.

## Nuclide Analysis Results of Fish and Shellfish (Ocean Area Within 20km Radius of Fukushima Daiichi Nuclear Power Station) <8/9> (excluding the Port Area)

(Data summarized on March 17)

Name of Sample (Region)			Radioactivity Concentration [Bq/kg (Raw)] (Half-life)		
	Place of Sampling (Place No.)	Date of Sampling	Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	CS (Sum)
Roundnose flounder (muscle)	Around 10km Offshore of Fukushima Daiichi NPS (T-B3)	Feb 12, 2016	ND (3.1)	ND (3.5)	ND
Stone flounder (muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	Feb 12, 2016	ND (3.6)	ND (3.6)	ND
Lepidotrigla microptera (muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	Feb 12, 2016	ND (4.1)	ND (3.7)	ND
Schlegel's black rockfish(muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	Feb 12, 2016	ND (3.0)	ND (3.4)	ND
Common skete (muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	Feb 12, 2016	ND (4.3)	15	15
Sea bass (muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	Feb 12, 2016	ND (3.6)	ND (2.9)	ND
Microstomus achne (muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	Feb 12, 2016	ND (3.7)	5.8	5.8
Flatfish (muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	Feb 12, 2016	ND (3.8)	ND (3.9)	ND
Common Japanese conger (muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	Feb 12, 2016	ND (3.2)	ND (4.0)	ND
Littlemouth flounder (muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	Feb 12, 2016	ND (3.3)	3.6	3.6

\* When an analysis result is less than a detection limit of radioactivity concentration, the value is indicated as "ND (not detected)."

A detection limit of individual nuclide is provided in parenthesis.

\* The sum of Cs-134 and Cs-137 radioactivity concentration as a standard value (since April 1, 2012) is 100 Bq/kg.

## Nuclide Analysis Results of Fish and Shellfish (Ocean Area Within 20km Radius of Fukushima Daiichi Nuclear Power Station) <9/9> (excluding the Port Area)

(Data summarized on March 17)

Name of Sample			Radioactivi	ty Concentration [B (Half-life)	₄/kg (Raw)]	
(Region)	Place of Sampling (Place No.)	Date of Sampling	Cs-134 (Approx. 2 years)	Cs-137 (Approx. 30 years)	CS (Sum)	
Marbled sole (muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	Feb 12, 2016	ND (4.1)	6.6	6.6	
Pacific cod (muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	Feb 12, 2016	ND (4.0)	ND (2.9)	ND	
Roundnose flounder (muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	Feb 12, 2016	ND (3.4)	ND (3.2)	ND	
Ridged-eye flounder (muscle)	Around 10km Offshore of Fukushima Daini NPS (T-B4)	Feb 12, 2016	ND (4.2)	ND (4.0)	ND	

\* When an analysis result is less than a detection limit of radioactivity concentration, the value is indicated as "ND (not detected)."

A detection limit of individual nuclide is provided in parenthesis.

\* The sum of Cs-134 and Cs-137 radioactivity concentration as a standard value (since April 1, 2012) is 100 Bq/kg.