

**Nuclide Analysis Results of Fish and Shellfish**  
**<The Ocean Area Within 20km Radius of Fukushima Daiichi Nuclear Power Station>**  
**Samples collected in the first quarter of FY2016**

[Measurement results of Sr-90 (half-life approx. 29 years) in fish]

(Data summarized on September 16)

Name of Sample (Region)	Place of Sampling (Place No.)	Date of Sampling	Radioactivity Concentration [Bq/kg (Raw)] (Half-life)	
			Sr-90* (Approx. 29 years)	Reference (Total of Cs-134 and Cs-137)
Microstomus achne (muscle) *1	Around 3km Offshore of Fukushima Daiichi NPS (T-S4)	May 11, 2016	0.13	58.7
Microstomus achne (muscle) *2	Around 2km Offshore of Kido River (T-S5)	April 21, 2016	0.45	30
Common skate (muscle) *2	Around 2km Offshore of Fukushima Daini NPS (T-S7)	May 19, 2016	0.38	34.6
Microstomus achne (muscle) *1	Around 2km Offshore of Fukushima Daini NPS (T-S7)	June 2, 2016	0.50	40.7
Spotbelly rockfish (muscle) *1	Around 2km Offshore of Fukushima Daini NPS (T-S7)	May 19, 2016	0.43	63

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

\*The Sr-90 analysis was conducted by THE GENERAL ENVIRONMENTAL TECHNOS CO., LTD. (\*1) and Kyushu Environmental Evaluation Association (\*2).

\*The entire body of fish was used for the measurement.

**Nuclide Analysis Results of Fish and Shellfish**  
**<The Ocean Area Within 20km Radius of Fukushima Daiichi Nuclear Power Station>**  
**Samples collected in the first quarter of FY2016**

[Measurement results of Tritium (half-life approx. 12 years) in fish]

Place of Sampling (Place No.): Around 4km Offshore of Kumagawa (T-S8)

(Data summarized on September 16)

Name of Sample (Region)	Date of Sampling	Tritium concentration (Bq/L)		Tritium concentration (Bq/kg (Raw))		Reference (Total of Cs-134 and Cs-137) (Bq/kg (Raw))
		Free Water Tritium	Organically Bound Tritium	Free Water Tritium	Organically Bound Tritium	
Flatfish (muscle)	April 21, 2016	0.095	ND(0.28)	0.076	ND(0.037)	ND
Flatfish (muscle)	May 9, 2016	0.086	ND(0.26)	0.068	ND(0.038)	ND
Flatfish (muscle)	June 9, 2016	0.060	ND(0.26)	0.047	ND(0.038)	ND

Reference

	Date of Sampling	Tritium concentration (Bq/L)
Around 4km Offshore of Kumagawa (T-S8) Seawater	April 20, 2016	0.082
	May 8, 2016	0.071
	June 8, 2016	0.069

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

\*The tritium analysis was conducted by Kyushu Environmental Evaluation Association.

\*Edible parts of fish were used for the measurement.

\*Free Water Tritium means tritium which is contained in the moisture of fish muscles and the values are compared with tritium concentrations in seawater where fish lives.

Organically Bound Tritium means tritium which is contained in dried fish muscles and the values show tritium concentrations in the vapor generated when dried fish is burned.

\*The measurement results are calculated to two significant figures.

\*ND, not detected, indicates that a value is less than the detection limit of a radioactive concentration. The detection limit is provided in parenthesis.