April 28, 2025
Tokyo Electric Power Company Holdings, Inc.
Fukushima Daiichi D&D Engineering Company

Analysis Results of Fish
<Sampled within a 20km Radius of the Fukushima Daiichi Nuclear Power Station> (γ)

Place of Sampling	Name of Sample (Region)	Date of Sampling	Analysis Item			Analysis Laboratory
			Cs-134 (Bq/kg(Raw))	Cs-137 (Bq/kg(Raw))	Cs (Sum) (Bq/kg(Raw))	
Around 3km Offshore of Ukedo River (T-S3)	Stingray (muscle)	2025/3/27	< 4.4E+00	< 3.6E+00	ND	Tokyo Power Technology Ltd.
Around 3km Offshore of Ukedo River (T-S3)	Yellow goosefish (whole)	2025/3/27	< 3.4E+00	< 3.8E+00	ND	Tokyo Power Technology Ltd.
Around 3km Offshore of Ukedo River (T-S3)	Common skete (muscle)	2025/3/27	< 4.0E+00	< 3.2E+00	ND	Tokyo Power Technology Ltd.
Around 3km Offshore of Ukedo River (T-S3)	Pointhead flounder (muscle)	2025/3/27	< 5.6E+00	< 7.1E+00	ND	KAKEN Co., Ltd.
Around 3km Offshore of Ukedo River (T-S3)	Flatfish (muscle) No.1	2025/3/27	< 4.0E+00	< 3.6E+00	ND	Tokyo Power Technology Ltd.
Around 3km Offshore of Ukedo River (T-S3)	Marbled sole (muscle)	2025/3/27	< 3.3E+00	< 3.2E+00	ND	Tokyo Power Technology Ltd.
Around 3km Offshore of Ukedo River (T-S3)	Roundnose flounder (muscle)	2025/3/27	< 3.7E+00	< 3.7E+00	ND	Tokyo Power Technology Ltd.
Around 3km Offshore of 1F Site (T-S4)	Black rockfish (muscle) No.1	2025/3/27	< 4.2E+00	< 3.8E+00	ND	Tokyo Power Technology Ltd.
Around 3km Offshore of 1F Site (T-S4)	Common skete (muscle)	2025/3/27	< 3.4E+00	< 3.3E+00	ND	Tokyo Power Technology Ltd.
Around 3km Offshore of 1F Site (T-S4)	Pointhead flounder (muscle)	2025/3/27	< 2.6E+00	< 3.8E+00	ND	Tokyo Power Technology Ltd.

・Inequality sign (<: less than) indicates that measurement result is less than the detection limit (ND).
・Reference value (on and after April 1, 2012): Sum of radioactivity concentrations for Cs-134 and Cs-137: 1.0E+02Bq/kg.
・Values are expressed in exponential notation. For example, "3.1E+01" means "3.1×10^{1}" and equals 31.
Similarly, “3.1E+00” means “$3.1x10^{0}$” and equals 3.1, and “3.1E-01” means “$3.1x10^{-1}$” and equals 0.31.

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			Cs-134 (Bq/kg(Raw))	Cs-137 (Bq/kg(Raw))	Cs (Sum) (Bq/kg(Raw))	
Around 3km Offshore of 1F Site (T-S4)	Flatfish (muscle) No.1	2025/3/27	< 3.7E+00	< 3.7E+00	ND	Tokyo Power Technology Ltd.
Around 3km Offshore of 1F Site (T-S4)	Searobin (muscle)	2025/3/27	< 4.1E+00	< 3.4E+00	ND	Tokyo Power Technology Ltd.
Around 3km Offshore of 1F Site (T-S4)	Smooth dogfish (muscle)	2025/3/27	< 3.6E+00	6.4E+00	6.4E+00	Tokyo Power Technology Ltd.
Around 3km Offshore of 1F Site (T-S4)	Roundnose flounder (muscle)	2025/3/27	< 3.0E+00	< 3.5E+00	ND	Tokyo Power Technology Ltd.
Around 4km Offshore of Kuma River (T-S8)	Japanese angel shark (muscle)	2025/3/27	< 4.1E+00	3.4E+00	3.4E+00	Tokyo Power Technology Ltd.
Around 4km Offshore of Kuma River (T-S8)	Lepidotrigla microptena (muscle)	2025/3/27	< 3.3E+00	< 3.3E+00	ND	Tokyo Power Technology Ltd.
Around 4km Offshore of Kuma River (T-S8)	Common skete (muscle)	2025/3/27	< 3.5E+00	< 3.6E+00	ND	Tokyo Power Technology Ltd.
Around 4km Offshore of Kuma River (T-S8)	Flatfish (muscle) No.1	2025/3/27	< 3.4E+00	< 3.4E+00	ND	Tokyo Power Technology Ltd.
Around 4km Offshore of Kuma River (T-S8)	Smooth dogfish (muscle)	2025/3/27	< 4.4E+00	< 3.7E+00	ND	Tokyo Power Technology Ltd.
Around 4km Offshore of Kuma River (T-S8)	Roundnose flounder (muscle)	2025/3/27	< 3.3E+00	< 3.2E+00	ND	Tokyo Power Technology Ltd.

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Analysis Results of Fish
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Place of Sampling	Name of Sample (Region)	Date of Sampling	Analysis Item			Analysis Laboratory
			Cs-134 (Bq/kg(Raw))	Cs-137 (Bq/kg(Raw))	Cs (Sum) (Bq/kg(Raw))	
Around 10km Offshore of 1F Site (T-B3)	Lepidotrigla microptena (muscle)	2025/3/22	< 3.9E+00	< 3.7E+00	ND	Tokyo Power Technology Ltd.
Around 10km Offshore of 1F Site (T-B3)	Yellow goosefish (whole)	2025/3/22	< 4.2E+00	< 3.8E+00	ND	Tokyo Power Technology Ltd.
Around 10km Offshore of 1F Site (T-B3)	Common skete (muscle)	2025/3/22	< 3.3E+00	< 3.4E+00	ND	Tokyo Power Technology Ltd.
Around 10km Offshore of 1F Site (T-B3)	Flatfish (muscle) No.1	2025/3/22	< 3.2E+00	< 3.0E+00	ND	TEPCO
Around 10km Offshore of 1F Site (T-B3)	Flatfish (muscle) No.2	2025/3/22	< 3.7E+00	< 4.4E+00	ND	Tokyo Power Technology Ltd.
Around 10km Offshore of 1F Site (T-B3)	Searobin (muscle)	2025/3/22	< 4.2E+00	< 3.5E+00	ND	Tokyo Power Technology Ltd.
Around 10km Offshore of 1F Site (T-B3)	Sardine (muscle)	2025/3/22	< 3.1E+00	< 3.1E+00	ND	Tokyo Power Technology Ltd.
Around 10km Offshore of 2F Site (T-B4)	Lepidotrigla microptena (muscle)	2025/3/22	< 3.7E+00	< 3.9E+00	ND	Tokyo Power Technology Ltd.
Around 10km Offshore of 2F Site (T-B4)	Common skete (muscle)	2025/3/22	< 3.8E+00	< 3.6E+00	ND	Tokyo Power Technology Ltd.
Around 10km Offshore of 2F Site (T-B4)	Flatfish (muscle) No.1	2025/3/22	< 4.5E+00	< 3.9E+00	ND	TEPCO

・Inequality sign (<: less than) indicates that measurement result is less than the detection limit (ND).
・Reference value (on and after April 1, 2012): Sum of radioactivity concentrations for Cs-134 and Cs-137: 1.0E+02Bq/kg.
・Values are expressed in exponential notation. For example, "3.1E+01" means "3.1×10^{1}" and equals 31.
Similarly, “3.1E+00” means “$3.1x10^{0}$” and equals 3.1, and “3.1E-01” means “$3.1x10^{-1}$” and equals 0.31.

Analysis Results of Fish
<Sampled within a 20km Radius of the Fukushima Daiichi Nuclear Power Station> (γ)

Place of Sampling	Name of Sample (Region)	Date of Sampling	Analysis Item			Analysis Laboratory
			Cs-134 (Bq/kg(Raw))	Cs-137 (Bq/kg(Raw))	Cs (Sum) (Bq/kg(Raw))	
Around 10km Offshore of 2F Site (T-B4)	Flatfish (muscle) No.2	2025/3/22	< 3.6E+00	< 3.3E+00	ND	Tokyo Power Technology Ltd.
Around 10km Offshore of 2F Site (T-B4)	Searobin (muscle)	2025/3/22	< 3.0E+00	< 3.0E+00	ND	Tokyo Power Technology Ltd.
Around 10km Offshore of 2F Site (T-B4)	Sardine (muscle)	2025/3/22	< 3.9E+00	< 3.4E+00	ND	Tokyo Power Technology Ltd.
Around 10km Offshore of 2F Site (T-B4)	Roundnose flounder (muscle)	2025/3/22	< 3.3E+00	< 4.1E+00	ND	Tokyo Power Technology Ltd.
Around 10km Offshore of 2F Site (T-B4)	Ridged-eye flounder (muscle)	2025/3/22	< 3.9E+00	< 3.4E+00	ND	Tokyo Power Technology Ltd.
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—	—	—	—	—	—	—
—	—	—	—	—	—	—

・Inequality sign (<: less than) indicates that measurement result is less than the detection limit (ND).
・Reference value (on and after April 1, 2012): Sum of radioactivity concentrations for Cs-134 and Cs-137: 1.0E+02Bq/kg.
・Values are expressed in exponential notation. For example, "3.1E+01" means "3.1×10^{1}" and equals 31.
Similarly, “3.1E+00” means “$3.1x10^{0}$” and equals 3.1, and “3.1E-01” means “$3.1x10^{-1}$” and equals 0.31.

April 28, 2025
Tokyo Electric Power Company Holdings, Inc.
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Analysis Results of Fish <Sampled within a 20km Radius of the Fukushima Daiichi Nuclear Power Station> (H-3)

Place of Sampling	Name of Sample (Region)	Date of Sampling	Analysis Item				Reference Cs (Sum) (Bq/kg(Raw))	Analysis Laboratory
			H-3(Bq/L)		H-3(Bq/kg(Raw))			
			Free Water Tritium	Organically Bound Tritium	Free Water Tritium	Organically Bound Tritium		
Around 1km Offshore of Ota River (T-S1)	Stone flounder (muscle)	2024/12/5	< 7.2E-02	< 2.5E-01	< 5.7E-02	< 3.4E-02	ND	KAKEN Co., Ltd.
Around 3km Offshore of Odaka Ward (T-S2)	—	—	—	—	—	—		—
Around 3km Offshore of Ukedo River (T-S3)	Flatfish (muscle)	2024/11/15	7.6E-02	< 2.5E-01	6.1E-02	< 3.1E-02	ND	KAKEN Co., Ltd.
Around 3km Offshore of 1F Site (T-S4)	—	—	—	—	—	—		—
Around 2km Offshore of Kido River (T-S5)	Flatfish (muscle)	2024/12/4	< 6.9E-02	< 2.4E-01	< 5.5E-02	< 3.2E-02	ND	KAKEN Co., Ltd.
Around 2km Offshore of 2F Site (T-S7)	Flatfish (muscle)	2024/12/4	7.4E-02	< 2.5E-01	5.7E-02	< 3.1E-02	ND	TEPCO
Around 4km Offshore of Kuma River (T-S8)	—	—	—	—	—	—		—
Around 15km Offshore of Odaka Ward (T-B1)	—	—	—	—	—	—		—
Around 18km Offshore of Ukedo River (T-B2)	—	—	—	—	—	—		—
Around 10km Offshore of 1F Site (T-B3)	—	—	—	—	—	—		—
Around 10km Offshore of 2F Site (T-B4)	—	—	—	—	—	—		—

Name of Sample	Date of Sampling	Reference H-3 (Bq/L)
Seawater	2024/12/4	< 7.1E-02
Seawater	2024/12/4	< 7.1E-02
Seawater	2024/11/14	< 7.0E-02
Seawater	2024/11/14	< 7.2E-02
Seawater	2024/12/3	< 7.1E-02
Seawater	2024/12/3	< 7.8E-02
Seawater	2024/11/14	4.9E-02
Seawater	2024/11/12	< 7.5E-02
Seawater	2024/11/12	< 6.9E-02
Seawater	2024/11/26	8.9E-02
Seawater	2024/11/26	< 6.7E-02
WHO Guidelines for Drinking-water Quality*1		1.0E+04

・Seawater is sampled from the surface layer.
・Inequality sign (<: less than) indicates that measurement result is less than the detection limit (ND).
・"-" indicates that the sampling was stopped or samples could not be collected, or the analysis was stopped due to lack of samples.
・Values are expressed in exponential notation. For example, "3.1E+01" means "3.1×10^{1}" and equals 31.
Similarly, "3.1E+00" means "3.1×10^{0}" and equals 3.1, and "3.1E-01" means "3.1×10^{-1}" and equals 0.31.
・Reference value (on and after April 1, 2012): Sum of radioactivity concentrations for Cs-134 and Cs-137: 1.0E+02Bq/kg.
・Free Water Tritium means tritium which exists in the tissues of plants and animals as water and is discharged from tissues in the same manner as water.
Organically Bound Tritium means tritium which organically bonds with protein etc. in the tissues of plants and animals and is taken into the tissues, and is discharged from the tissues through cellular metabolism.
・For the evaluation of the analyis results, please refer to the "Status of the Fukushima Daiichi NPS (Daily Report)"(in Japanese only).
https://www.tepco.co.jp/press/report/
*1 Guideline level for H-3 in WHO Guidelines for Drinking-water Quality