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

Detailed Analysis Results of Purified Water from the Sub-drain and Grounwater Drain Systems

Sample Name		Date and Time of Sampling	Analysis Laboratory	Analysis Item					
				Gross α (Bq/L)	Gross β (Bq/L)	H-3 (Bq/L)	Sr-90 (Bq/L)	Cs-134 (Bq/L)	Cs-137 (Bq/L)
Temporary Storage Tank (Sample Tank)	[A, B, C, ...or L]		TEPCO						
			[Name of Third Party Organization]						
Operational Limit				/	3.0E+00 (1.0E+00) ※1	1.5E+03	/	1.0E+00	1.0E+00
Concentration Limit Required by Law ※2				/	/	6.0E+04	3.0E+01	6.0E+01	9.0E+01
WHO Guidelines for Drinking-water Quality				/	/	1.0E+04	1.0E+01	1.0E+01	1.0E+01

• Half life of each nuclide: H-3 (Approx. 12 years), Sr-90 (Approx. 29 years), Cs-134 (Approx. 2 years), Cs-137 (Approx. 30 years)

• Inequality sign (<: less than) indicates that measurement result is less than the detection limit (ND).

• Values are expressed in exponential notation. For example, "3.1E+01" means "3.1×10¹" and equals 31.

Similarly, "3.1E+00" means "3.1×10⁰" and equals 3.1, and "3.1E-01" means "3.1×10⁻¹" and equals 0.31.

※ 1 For the operational limit of gross β, analysis is conducted once in about 10 days with the detection limit being lowered to 1 Bq/L.

※ 2 Concentration limit specified by the Regulation Concerning the Security of the Reactor Facilities at the Fukushima

Daiichi Nuclear Power Station and the Protection of Specific Nuclear Fuel Material

(the concentration limit in the water outside of surrounding monitored areas in the section 6 of the appendix 1 :

Limit specified by the Regulation is converted from Bq/cm³ to Bq/L in the table.)

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Before Drainage Analysis Results of Purified Water from the Sub-drain and Groundwater Drain Systems

Place of Sampling		Date and Time of Sampling	Storage amount (m ³)	Analysis Laboratory	Analysis Item				
					Gross β (Bq/L)	H-3 (Bq/L)	Cs-134 (Bq/L)	Cs-137 (Bq/L)	Other γ Nuclides
Temporary Storage Tank (Sample Tank)	[A, B, C, ...or L]			TEPCO					
				[Name of Third Party Organization]					
Operational Limit					3.0E+00 (1.0E+00) ※1	1.5E+03	1.0E+00	1.0E+00	Not detected ※2
Concentration Limit Required by Law ※3					/	6.0E+04	6.0E+01	9.0E+01	/
WHO Guidelines for Drinking-water Quality					/	1.0E+04	1.0E+01	1.0E+01	/

• Half life of each nuclide: H-3 (Approx. 12 years), Cs-134 (Approx. 2 years), Cs-137 (Approx. 30 years)

• Inequality sign (<: less than) indicates that measurement result is less than the detection limit (ND).

• Values are expressed in exponential notation. For example, "3.1E+01" means "3.1×10¹" and equals 31.

Similarly, "3.1E+00" means "3.1×10⁰" and equals 3.1, and "3.1E-01" means "3.1×10⁻¹" and equals 0.31.

※ 1 For the operational limit of gross β, analysis is conducted once in about 10 days with the detection limit being lowered to 1 Bq/L.

※ 2 Other γ nuclides (except for naturally occurring nuclides) not to be detected during measurement of the detection limit (less than 1 Bq/L) for Cs-134 and Cs-137

※ 3 Concentration limit specified by the Regulation Concerning the Security of the Reactor Facilities at the Fukushima

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(the concentration limit in the water outside of surrounding monitored areas in the section 6 of the appendix 1 :

Limit specified by the Regulation is converted from Bq/cm³ to Bq/L in the table.)

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Analysis Results of Water from Sub-drain and Groundwater Drain Systems in Water Collecting Tanks

Place of Sampling	Date and Time of Sampling	Analysis Item			
		Gross β (Bq/L)	H-3 (Bq/L)	Cs-134 (Bq/L)	Cs-137 (Bq/L)
Water Collecting Tank No. [1, 2, ... or 6]					

- Half life of each nuclide: H-3 (Approx. 12 years), Cs-134 (Approx. 2 years), Cs-137 (Approx. 30 years)
- Inequality sign (<: less than) indicates that measurement result is less than the detection limit (ND).
- “-” indicates that the item was not included in the measurement or the sampling was stopped.
- 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.
- Analysis of gross β is conducted about once a week.