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

## Before Drainage Analysis Results of Water in Temporary Storage Tanks for the Groundwater Bypass

Sample Name		Date and Time of Sampling	Storage amount (m <sup>3</sup> )	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 Tanks for the Groundwater Bypass	Gr [1, 2 or 3]			TEPCO					
	(Group [1, 2 or 3])			[Name of Third Party Organization]					
Operational limit					5.0E+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 "3.1×10<sup>1</sup>" and equals 31.

Similarly, "3.1E+00" means "3.1×10<sup>0</sup>" and equals 3.1, and "3.1E-01" means "3.1×10<sup>-1</sup>" 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

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/cm<sup>3</sup> to Bq/L in the table.)

## Detailed Analysis Results of Water in Temporary Storage Tanks for the Groundwater Bypass

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 Tanks for the Groundwater Bypass	Gr [1, 2 or 3]		TEPCO						
	(Group [1, 2 or 3])		[Name of Third Party Organization]						
Operational Limit				/	5.0E+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 "3.1×10<sup>1</sup>" and equals 31.  
Similarly, "3.1E+00" means "3.1×10<sup>0</sup>" and equals 3.1, and "3.1E-01" means "3.1×10<sup>-1</sup>" 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/cm<sup>3</sup> to Bq/L in the table.)