

Analysis results of temporary storage tanks for groundwater bypass at Fukushima Daiichi Nuclear Power Station

Unit: Bq/L

	Gr3 (Group 3) (Water is stored in Gr3-1 tank to undergo analysis)		Operational targets	Notified *1 concentration limit Values	WHO Guidelines for drinking-water quality
	TEPCO	Third party			
Sampling date	May 19, 2014	May 19, 2014			
Sampling time	14:24	14:24			
The volume of water in storage [m ³]	800	800			
Cesium 134	ND(0.49)	ND(0.67)	1	60	10
Cesium 137	ND(0.38)	ND(0.51)	1	90	10
Other Gamma Nuclide	Not detected	Not detected	Not to be *2 detected		
Gross beta	ND(0.89)	ND(0.55)	5(1)*		
Tritium	150	150	1,500	60,000	10,000

* Third party: Japan Chemical Analysis Center

* "ND" indicates that the measurement result is below the detection limit, and the detection limit of each nuclide is provided in parentheses.

* The detection limit value for Grossβ of operational targets are defined as "Less than 1 Bq/L", when sampled approx. once per 10 days.

*1 Notified Concentration Limit Values: Specified in the rules for the safety and maintenance of nuclear reactor facilities and the protection of specialized nuclear fuel materials in TEPCO Fukushima Daiichi Nuclear Power Station.

*2 Other gamma nuclides (except naturally-occurring nuclides) must not be detected during the analysis Cs-134 and Cs-137.