Sampling Results Regarding the Discharge of Groundwater Bypass at Fukushima Daiichi Nuclear Power Station (Around South Water Outlet)

Reference> September 10, 2014 Tokyo Electric Power Company

Unit: Bq/L

	Seawater of the south water outlet				
	Note (near the drainage channel exit)				
	(T-2)				
Sampling date	Sep 8, 2014				
State	During discharge				
Sampling time	11:10 AM				
Cesium 134	ND(0.66)				
Cesium 137	ND(0.56)				
Gross β	12				
Tritium	ND(1.8)				

Note: Approx. 330m south from Unit 1-4 water outlet (T-2)

(Reference) Analysis results of temporary storage tanks for groundwater bypass at Fukushima Daiichi Nuclear Power Station*

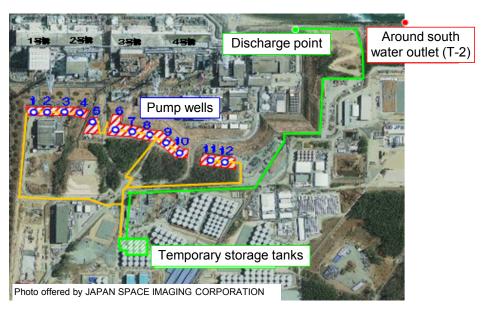
	Gr2 (Group 2)		Operatinal targets	*1 Notification limit	WHO guidelines for drinking-water quality
	TEPCO	Third party organization			
Sampling date	Aug 30, 2014	Aug 30, 2014			
Sampling time	9:55 AM	9:55 AM			
The volume of water in storage [m³]	2,310	2,310			
Cesium 134	ND(0.67)	ND(0.60)	1	60	10
Cesium 137	ND(0.70)	ND(0.64)	1	90	10
Other Gamma Nuclide	Not detected	Not detected	Not to be detected*2		
Gross β	ND(0.80)	ND(0.49)	5(1)(Note)		
Tritium	260	260	1,500	60,000	10,000

^{*} The results were previously announced on September 7.

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

facilities and the protectection 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.



^{* &}quot;ND" indicates that the measurement result is below the detection limit, and the detection limit of each nuclide is provided in parentheses.

^{*} Third party: Japan Chemical Analysis Center

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^{*1} Notified Concentration Limit Values: Specified in the rules for the safety and maintenance of nuclear reactor