

October 2, 2014

Results of weighted average sample of temporary storage tanks for groundwater bypass at Fukushima Daiichi Nuclear Power Station

(As of August, 2014)

Unit: Bq/L

	TEPCO	Third party organization	Operational targets	※1 Notification limit	WHO guidelines* for drinking-water quality
Cesium 134	ND(0.0047)	ND(0.0054)	1	60	10
Cesium 137	0.0075	ND(0.0048)	1	90	10
Gross α	ND(2.7)	ND(3.3)	—		
Gross β	ND(0.88)	ND(0.52)	5(1)Note		
Tritium	260	270	1,500	60,000	10,000
Sr-90	ND(0.0034)	ND(0.0050)	—	30	10

* 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.

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

(Clause 6, Section 2 in appendix: Concentration limit value in the water outside the supervised area (Values shown in the table are converted to Bq/L from Bq/cm³))

The "weighted average sample" means the sample which mixed the sample which was gathered before drainage in a ratio proportional to the displacement of each time.

<Reference> Monthly total displacement (As of August 2014)

Unit: m³

Gr1 (Group 1)		Gr2 (Group 2)		Gr3 (Group 3)	
Date of drainage	Displacement	Date of drainage	Displacement	Date of drainage	Displacement
Aug 1, 2014	2,140	Aug 12, 2014	2,123	Aug 5, 2014	2,007
Aug 19, 2014	1,253	Aug 29, 2014	2,117	Aug 24, 2014	2,203
Total amount	3,393	Total amount	4,240	Total amount	4,210