<Reference>
May 23, 2014
Tokyo Electric Power Company

Sampling Results Regarding the Groudwater Bypass in Fukushima Daiichi Nuclear Power Station (1/2) (Near South Water Outlet)

Unit: Bq/L

	Seawater of the south water outlet *Note 1 (near the drainage channel exit) (T-2)			
Date of Sampling	May 21, 2014			
Status	Before discharge	During discharge	Shortly after discharge	1 hour after discharge
Time of sampling	10:05	12:10	13:15	14:05
Cs-134	ND(0.45)	ND(0.62)	ND(0.64)	ND(0.57)
Cs-137	ND(0.60)	0.84	ND(0.76)	ND(0.68)
Gross β	12	12	11	13
H-3	3.9	2.1	2.2	2.7

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

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

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

Unit: Bq/L

	Gr1 (Group 1) (Water is stored in Gr1-1 tank to undergo analysis)			Operatinal targets	Notified concentration limit Values	WHO Guidelines for dirinking-water quality
	TEPCO	Third Party	Government Agency			
Date of Sampling	April 15, 2014	April 15, 2014	April 15, 2014			
Time of sampling	10:53	10:53	10:53			
Cs-134	0.016	0.022	0.015	1	60	10
Cs-137	0.047	0.039	0.044	1	90	10
Gross α	ND(2.5)	ND(3.1)	ND(0.057)	—		
Gross β	ND(0.88)	ND(0.61)	ND(0.10)	5(1) *Note 1		
H-3	220	230	240	1,500	60,000	10,000
Sr-90	0.013	0.011	0.013	—	30	10

*This analysys results was announced on May 14, 2014

* "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

＊Government Agency: Japan Atomic Energy Agency

*Note1: The detection limit value for Grossβ of operational targets are defined as "Less than 1 Bq/L", when sampled approx. once per 10 days.

*Notified Concentration Limit Values: Specified in the rules for the safety and maintenance of nuclear reactor facilities and the protectection 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))

Sampling Results Regarding the Groudwater Bypass in Fukushima Daiichi Nuclear Power Station (2/2) (Near Water Outlet of Drainage Channel C)

Unit: Bq/L

	Near water outlet of Drainage channel C*
Date of Sampling	May 21, 2014
Status	—
Time of sampling	12:30
Cs-134	15
Cs-137	40
Gross β	81
H-3	9.4

*Approx. 10m of upstream of water outlet of Drainage channel C