## Sampling Results Regarding the Water Leak at the Tanks in the H4 area in Fukushima Daiichi Nuclear Power Station (South Water Outlet, Drainage Channel)

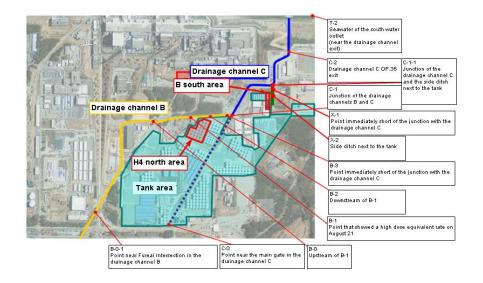
<Reference> January 17, 2013 Tokyo Electric Power Company

		lumation of the desirence		Side ditch next to the tank (point immediately short of the junction with the drainage channel C) (X-1)	Junction of the drainage channel C and the side ditch next to the tank (C- 1-1)	Sampling points of the inside of drainage channel B			Point near Fureai	Daint a sauth a sauis sauta	Offit. BQ/L
		Junction of the drainage channels B and C <sup>*2</sup> (C-1)					Downstream of B-1 (B-2)	Point immediately short of the junction with the drainage channel C (B- 3)	Intersection in the drainage channel B *3 (B-0-1)	Point near the main gate in the drainage channel C *3 (C-0)	Drainage channel C OP.35 exit (C-2)
Date of Sampling	Jan 16, 2014	Jan 16, 2014	Jan 16, 2014	Jan 16, 2014	Jan 16, 2014	*4	*5	*4	Jan 16, 2014	Jan 16, 2014	Jan 16, 2014
Time of sampling	8:28 AM	7:55 AM	8:04 AM	8:07 AM	8:10 AM	*4	*5	*4	7:41 AM	7:38 AM	8:20 AM
Cs-134(Approx. 2 years)	ND(1.1)	ND(15)	19	39	ND(17)	*4	*5	*4	ND(15)	ND(17)	ND(17)
Cs-137(Approx.30 years)	ND(1.1)	ND(23)	37	87	ND(23)	*4	*5	*4	ND(24)	ND(23)	ND(27)
Gross β	ND(15)	ND(14)	460	520	ND(14)	*4	*5	*4	27	ND(14)	ND(14)

<sup>\*1:</sup> Approx. 330m south from Unit 1-4 water outlet (T-2)

<reference> The Hig</reference>	ghest Dose Until the P	revious Measurement		Unit: Bq/L			
	Seawater of the south water outlet *1 (near the drainage channel exit) (T-2)	Junction of the drainage channels B and C *2 (C-1)	Side ditch next to the tank (X-2)	Side ditch next to the tank (point immediately short of the junction with the drainage channel C) (X-1)			
Cs-134(Approx. 2 years)	3.5 [11/9]	75 (9/16)	260 (11/10)	450 (10/4)			
Cs-137(Approx.30 years)	8.1 (9/15,11/9)	132 [9/16]	530 (11/10)	990 [10/4]			
Gross β	ND	2,500 [10/24]	15,000 (10/14)	15,000 [10/2]			
	Junction of the drainage	Sampling points of the inside of drainage channel B					
	channel C and the side ditch next to the tank (C-1-1)	Point that showed a high dose equivalent rate on August 21 (B-1)	Downstream of B-1 (B-2)	Point immediately short of the junction with the drainage channel C (B-3)			
Cs-134(Approx. 2 years)	25 [10/22]	140 (9/13)	30 <1/9>	300 (9/15)			
Cs-137(Approx.30 years)	56 [10/22]	290 (9/13)	60 <1/9>	670 (9/15)			
Gross β	2,900 (10/24)	15,000 [10/23]	140,000 [10/23]	110,000 [10/24]			
	Point near Fureai Intersection in the drainage channel B *3 (B-0-1)	Point near the main gate in the drainage channel C <sup>'3</sup> (C-0)	Drainage channel C OP.35 exit (C-2)				
Cs-134(Approx. 2 years)	70 (9/4)	ND	45 (9/26)				
Cs-137(Approx.30 years)	190 (9/4)	39 (9/15, 9/26)	130 (9/26)				
Gross β	380 [9/2]	75 (9/26)	2,500 [10/24]				

<sup>\*</sup> Date of sampling is provided in parentheses; (mm/dd) for FY2013 and <mm/dd> for FY2014.



<sup>\*2:</sup> Same sampling point as side ditch in front of the core warehouse sampled on August 19 (announced on August 20) and August 20 (announced on August 21)

<sup>\*3:</sup> Water inflow location of drainage channel to the tank area

<sup>\*4</sup> The sampling could not be performed since there was no water left.

<sup>\*5</sup> Sampling could not be conducted since water was frozen.

<sup>\* &</sup>quot;ND" indicates that the measurement result is below the detection limit, and the detection limit of each nuclide is provided in parentheses.