

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

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)	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 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)
						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)			
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)

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

*2: 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)

*3: Water inflow location of drainage channel to the tank area

*4 The sampling could not be performed since there was no water left.

*5 Sampling could not be conducted since water was frozen.

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

<Reference> The Highest Dose Until the Previous 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)	Sampling points of the inside of drainage channel B			
					Junction of the drainage 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)	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]				

	Point near Fureai 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)
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]

* Date of sampling is provided in parentheses; [mm/dd] for FY2013 and <mm/dd> for FY2014.

