

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 16, 2014
Tokyo Electric Power Company

Unit: Bq/L

	Seawater of the south water outlet ^{Note 1} (near the drainage channel exit) ^{*1} (T-2)	Junction of the drainage channels B and C ^{Note 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 ^{Note 3} (B-0-1)	Point near the main gate in the drainage channel C ^{Note 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 15, 2014	Jan 15, 2014	Jan 15, 2014	Jan 15, 2014	Jan 15, 2014	Jan 15, 2014	*1	*2	Jan 15, 2014	Jan 15, 2014	Jan 15, 2014
Time of sampling	8:02 AM	8:07 AM	7:35 AM	7:37 AM	7:41 AM	8:16 AM	*1	*2	8:21 AM	7:28 AM	7:51 AM
Cs-134(Approx. 2 years)	ND(1.2)	ND(19)	25	41	ND(15)	ND(17)	*1	*2	ND(18)	ND(16)	ND(17)
Cs-137(Approx.30 years)	ND(1.4)	ND(26)	68	110	ND(22)	24	*1	*2	ND(25)	ND(24)	ND(26)
Gross β	ND(19)	ND(15)	450	550	ND(15)	190	*1	*2	34	ND(15)	ND(15)

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

Note 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)

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

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

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

*2 The sampling could not be performed since the water was frozen.

<Reference> The Highest Dose Until the Previous Measurement

	Seawater of the south water outlet ^{Note 1} (near the drainage channel exit) (T-2)	Junction of the drainage channels B and C ^{Note 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 channel C and the side ditch next to the tank (C-1-1)	Sampling points of the inside of drainage channel B		
		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 ^{Note 3} (B-0-1)	Point near the main gate in the drainage channel C ^{Note 3} (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]

Unit: Bq/L, sampling date is provided in parentheses.
[.]: 2013, <>: 2014

