

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>
February 16, 2014
Tokyo Electric Power Company

Unit: Bq/L

	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)	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, 2013 (B-1)	Downstream of B-1 (B-2)	Point immediately short of the junction with the drainage channel C (B-3)			
Date of Sampling	Feb 16, 2014	Feb 16, 2014	Feb 16, 2014	Feb 16, 2014	Feb 16, 2014	Feb 16, 2014	Feb 16, 2014	Feb 16, 2014	Feb 16, 2014	Feb 16, 2014	Feb 16, 2014
Time of sampling	※1	7:35 AM	7:39 AM	7:37 AM	7:41 AM	※2	※2	7:33 AM	7:30 AM	7:54 AM	7:46 AM
Cs-134(Approx. 2 years)	※1	ND(18)	ND(18)	ND(17)	ND(16)	※2	※2	ND(17)	ND(17)	ND(15)	ND(18)
Cs-137(Approx.30 years)	※1	ND(27)	ND(26)	ND(24)	ND(24)	※2	※2	ND(22)	ND(23)	ND(22)	ND(26)
Gross β	※1	330	40	42	390	※2	※2	1,100	ND(12)	24	360

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 due to bad weather.

*2 The sampling could not be performed due to covering drain.

<Reference> The Highest Dose Until the Previous Measurement

Unit: Bq/L

	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, 2013 (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)	67 <2/15>	140 [9/13]	30 <1/9>	300 [9/15]
Cs-137(Approx.30 years)	220 <2/15>	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]	20 <2/15>	45 [9/26]
Cs-137(Approx.30 years)	190 [9/4]	51 <2/15>	130 [9/26]
Gross β	380 [9/2]	120 <2/15>	2,500 [10/24]

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

