

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 14, 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 14, 2014	Jan 14, 2014	Jan 14, 2014	Jan 14, 2014	Jan 14, 2014	Jan 14, 2014	※	Jan 14, 2014	Jan 14, 2014	Jan 14, 2014	Jan 14, 2014
Time of sampling	7:56 AM	8:05 AM	7:35 AM	7:38 AM	7:41 AM	8:15 AM	※	8:08 AM	8:18 AM	8:22 AM	7:48 AM
Cs-134(Approx. 2 years)	ND(1.4)	ND(18)	36	36	ND(17)	ND(16)	※	180	ND(20)	ND(16)	ND(18)
Cs-137(Approx.30 years)	ND(1.8)	ND(25)	63	97	ND(27)	ND(23)	※	420	ND(26)	ND(22)	ND(24)
Gross β	ND(17)	ND(15)	420	430	ND(15)	150	※	1,100	27	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.

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

<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)
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]

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

