

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>
November 5, 2014
Tokyo Electric Power Company

	Seawater of the south water outlet <small>Note 1</small> (near the drainage channel exit) (T-2)	Drainage channel C OP.35 exit (C-2)	Switched drainage channel C OP.35 exit (C-2-1)	Point near the main gate in the drainage channel C <small>Note 2</small> (C-0)	Point near Fureai intersection in the drainage channel B <small>Note 2</small> (B-0-1)
Date of Sampling	Nov 3, 2014	/	/	/	/
Time of sampling	7:15 AM	/	/	/	/
Cs-134(Approx. 2 years)	ND(1.2)	/	/	/	/
Cs-137(Approx.30 years)	ND(1.5)	/	/	/	/
Gross β	ND(19)	/	/	/	/
H-3 (Approx. 12 years)	ND(1.6)	/	/	/	/

Unit: Bq/L

	Side ditch next to the tank (point immediately short of the junction with the drainage channel C) (X-1)
Date of Sampling	/
Time of sampling	/
Cs-134(Approx. 2 years)	/
Cs-137(Approx.30 years)	/
Gross β	/

Unit: Bq/L

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

Note 2: Water inflow location of drainage channel to the tank area

Note 3: Water sampled at "Seawater of the south water outlet" in the morning after drainage through groundwater bypass was analyzed for Tritium(Since October 19, 2014).

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

※ Sampling was not implemented since there was not water left.

<Reference> The Highest Dose Until the Previous Measurement

Unit: Bq/L

	Seawater of the south water outlet <small>Note 1</small> (near the drainage channel exit) (T-2)	Drainage channel C OP.35 exit (C-2)	Switched drainage channel C OP.35 exit (C-2-1)
Cs-134(Approx. 2 years)	3.5 [11/9]	45 [9/26]	5.9 <8/11>
Cs-137(Approx.30 years)	8.1 [9/15,11/9]	130 [9/26]	15 <8/11>
Gross β	ND	2,500 [10/24]	78 <9/7>

	Point near the main gate in the drainage channel C <small>Note 2</small> (C-0)	Point near Fureai Intersection in the drainage channel B <small>Note 2</small> (B-0-1)	Side ditch next to the tank (point immediately short of the junction with the drainage channel C) (X-1)
Cs-134(Approx. 2 years)	20 <2/15>	110 <5/1>	450 [10/4]
Cs-137(Approx.30 years)	51 <2/15>	280 <5/1>	990 [10/4]
Gross β	120 <2/15>	380 [9/2]	15,000 [10/2]

* Sampling date is provided in parentheses. []: 2013, < >: 2014

