Sampling Results Regarding the Water Leak at the Tanks in the H4 area and the B area in Fukushima Daiichi Nuclear Power Station (South Water Outlet, Drainage Channel)

<Reference>
November 2, 2013
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	Nov 1, 2013	Nov 1, 2013	Nov 1, 2013	Nov 1, 2013	Nov 1, 2013	Nov 1, 2013	Nov 1, 2013	Nov 1, 2013	Nov 1, 2013	Nov 1, 2013	Nov 1, 2013
Time of sampling	11:00 AM	11:50 AM	11:37 AM	11:35 AM	11:30 AM	*	*	11:55 AM	12:20 PM	12:26 PM	11:18 AM
Cs-134(Approx. 2 years)	ND(0.93)	ND(18)	58	60	ND(19)	*	*	20	ND(19)	ND(18)	ND(20)
Cs-137(Approx.30 years)	1.2	ND(26)	160	120	ND(27)	*	*	41	ND(26)	ND(27)	ND(27)
All β	ND(17)	99	670	780	120	*	*	13,000	ND(14)	ND(14)	160

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

	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)
Cs-134(Approx. 2 years)	3.4 〔9/15〕	75 〔9/16〕	180 〔10/9,10/14〕	450 〔10/4〕
Cs-137(Approx.30 years)	8.1 〔9/15〕	132 〔9/16〕	420 〔10/14〕	990 〔10/4〕
All 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〕	22 〔10/2〕	300 〔9/15〕
Cs-137(Approx.30 years)	56 〔10/22〕	290 〔9/13〕	43 〔10/2〕	670 〔9/15〕
All 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〕
All β	380 〔9/2〕	75 〔9/26〕	2,500 〔10/24〕

Unit:: Bq/L, sampling date is provided in parentheses.