## 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> June 7, 2014 Tokyo Electric Power Company

| L | Jnit: | Bq/L |
|---|-------|------|
|   |       |      |

|                         | Seawater of the<br>south water outlet<br>Note 1 (near the<br>drainage channel<br>exit) (T-2) | Drainage channel C<br>OP.35 exit (C-2) | Point near the main gate in the drainage channel C Note 2 (C-0) | Point near Fureai<br>Intersection in the<br>drainage channel B<br>Note 2 (B-0-1) |
|-------------------------|--|--|---|--|
| Date of Sampling        | Jun 6, 2014  | Jun 6, 2014                            |   |  |
| Time of sampling        | 8:06 AM  | 7:55 AM                                |   |  |
| Cs-134(Approx. 2 years) | ND(1.2)  | ND(15)                                 |   |  |
| Cs-137(Approx.30 years) | ND(1.5)  | ND(22)                                 |   |  |
| Gross β                 | ND(19)   | ND(12)                                 |   |  |

|                         | Unit: Bq/L   |
|-------------------------|--|
|                         | Side ditch next to<br>the tank (point<br>immediately short of<br>the junction with the<br>drainage channel C)<br>(X-1) |
| Date of Sampling        | Jun 6, 2014  |
| Time of sampling        | 7:53 AM  |
| Cs-134(Approx. 2 years) | ND(18)   |
| Cs-137(Approx.30 years) | ND(26)   |
| Gross β                 | 75   |

Drainage channel C

B south area

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

## <Reference> The Highest Dose Until the Previous Measurement

| ence> The Highest Dose Until the Previous Measurement |                             |                          | Unit: Bq/L  |
|---|-----------------------------|--------------------------|---|
|   | Seawater of the south water | Drainage channel C OP.35 | Point near the main gate in the drainage channel C Note 2 |

|                         | Seawater of the south water<br>outlet Note 1 (near the<br>drainage channel exit) (T-2) | Drainage channel C OP.35<br>exit (C-2) | Point near the main gate in<br>the drainage channel C Note 2<br>(C-0) |
|-------------------------|--|--|---|
| Cs-134(Approx. 2 years) | 3.5 [11/9]   | 45 [9/26]                              | 20 <2/15>   |
| Cs-137(Approx.30 years) | 8.1 [9/15,11/9]  | 130 [9/26]                             | 51 <2/15>   |
| Gross β                 | ND   | 2,500 [10/24]                          | 120 <2/15>  |

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

Point near Fureai Intersection in the drainage channel B

H4 north area

Tank area

Drainage channel B

Point near the main gate in the drainage channel C

Seawater of the south water outlet (near the drainage channel exit)

C-2 Drainage channel C O.P.35

Point immediately short of the junction with the drainage channel C

\* There is no outflow from the sampling point X-1 and X-2 to the drainage channel C, since they are completely isolated from the drainage channel C.

<sup>\* &</sup>quot;ND" indicates that the measurement result is below the detection limit, and the detection limit of each nuclide is provided in parentheses.

<sup>\*</sup> The ducting is provided B-0-1 in the dot line.

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