

<Reference>  
 August 21, 2013  
 Tokyo Electric Power Company

## Analysis Results on Seawater between the Water Intake Channel of Unit 2 and Unit 3, Unit 3 and Unit 4 inside the Port at Fukushima Daiichi NPS (4m from the Bank Protection)

Unit: Bq/L

|                         | Between the water intake channel of Unit 2 and Unit 3 (Surface layer) | Between the water intake channel of Unit 2 and Unit 3 (Lower layer) | Between the water intake channel of Unit 3 and Unit 4 (Surface layer) | Between the water intake channel of Unit 3 and Unit 4 (Lower layer) |
|-------------------------|---|---|---|---|
| Date of Sampling        | Aug 20, 2013  | Aug 20, 2013  | Aug 20, 2013  | Aug 20, 2013  |
| Time of sampling        | 10:55 AM  | 11:10 AM  | 11:16 AM  | 11:25 AM  |
| Cs-134(Approx. 2 years) | 5.2   | 3.5   | 14  | 4.8   |
| Cs-137(Approx.30 years) | 14  | 9.8   | 30  | 7.7   |
| All $\beta$             | 230   | 85  | 180   | 57  |

\* Lower layer is 30cm above the bottom of the sea.

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

<Reference> The Highest Dose Until the Previous Measurement\* (Seawater)

Unit: Bq/L

|                          | 1F, North side of Unit 5,6 discharge channel | 1F, In front of Unit 6 water intake channel | 1F, In front of shallow draft quay | 1F, North side of Unit 1-4 water intake channel | 1F, North side of Unit 1-4 water intake channel (north side of East Seawall Break) | 1F, Unit 1 Screen (Inside the Silt Fence) | 1F, Between the water intake channel of Unit 1 and Unit 2 (surface layer) | 1F, Between the water intake channel of Unit 1 and Unit 2 (lower layer) | 1F, Unit 2 Screen (Inside the Silt Fence) | 1F, Between the water intake channel of Unit 2 and Unit 3 | 1F, Unit 3 Screen (Inside the Silt Fence) |
|--------------------------|--|---|------------------------------------|---|--|---|---|---|---|---|---|
| Cs-134(Approx. 2 years)  | 1.8 [6/21]                                   | 2.4 [8/19]                                  | 5.3 [8/5]                          | 34 [8/13]                                       | 16 [8/12]  | 24 [8/12]                                 | 27 [8/10]   | 9.9 [7/23]  | 26 [8/19]                                 | 21 [8/12]   | 350 [7/15]                                |
| Cs-137(Approx.30 years)  | 3.3 [6/26]                                   | 4.7 [8/19]                                  | 8.6 [8/5]                          | 81 [8/13]                                       | 33 [8/12]  | 51 [8/12]                                 | 56 [8/10]   | 20 [8/15]   | 52 [8/19]                                 | 37 [8/12]   | 770 [7/15]                                |
| All β                    | ND   | 46 [8/19]                                   | 40 [7/3]                           | 1,100 [8/15]                                    | 320 [8/12]   | 700 [8/12]                                | 740 [8/15]  | 450 [7/16]  | 370 [8/12]                                | 410 [8/12]  | 1000 [7/15]                               |
| H-3 (Approx. 12 years)   | 8.6 [6/26]                                   | 11 [7/15]                                   | 340 [6/26]                         | 4,700 [8/15]                                    | 460 [7/15]   | 2,500 [8/12]                              | 2,600 [8/15]  | 1,200 [8/4]   | 570 [8/12]                                | 720 [8/12]  | 380 [8/12]                                |
| Sr-90 (Approx. 29 years) | 5.8 [6/26]                                   | -   | 7.4 [6/26]                         | Under analysis                                  | Under analysis   | Under analysis                            | Under analysis  | Under analysis  | Under analysis                            | Under analysis  | Under analysis                            |

Unit: Bq/L

|                          | 1F, Between the water intake channel of Unit 3 and Unit 4 | 1F, Unit 4 Screen (Inside the Silt Fence) | 1F, Around the south discharge channel | 1F, Port entrance | 1F, East side in the port | 1F, West side in the port | 1F, North side in the port | 1F, South side in the port | North side of the north breakwater | East side of the port entrance | South side of the south breakwater |
|--------------------------|---|---|--|-------------------|---------------------------|---------------------------|----------------------------|----------------------------|------------------------------------|--------------------------------|------------------------------------|
| Cs-134(Approx. 2 years)  | 22 [8/12]   | 46 [7/8]                                  | ND                                     | 1.60 [8/19]       | 2.9 [8/19]                | 2.6 [8/19]                | ND                         | 2.1 [8/19]                 | ND                                 | ND                             | ND                                 |
| Cs-137(Approx.30 years)  | 45 [8/12]   | 93 [7/8]                                  | 3.0 [7/15]                             | 4.7 [8/19]        | 6.6 [8/19]                | 6.5 [8/19]                | 4.7 [8/19]                 | 4.6 [8/19]                 | ND                                 | ND                             | ND                                 |
| All β                    | 390 [8/12]  | 310 [8/12]                                | ND                                     | 69 [8/19]         | 74 [8/19]                 | 60 [7/4]                  | 69 [8/19]                  | 79 [8/19]                  | ND                                 | ND                             | ND                                 |
| H-3 (Approx. 12 years)   | 650 [8/12]  | 400 [8/12]                                | ND                                     | 29 [6/26]         | 44 [7/4]                  | 37 [7/4]                  | 6.5 [8/12]                 | 3.4 [8/12]                 | Under analysis                     | Under analysis                 | Under analysis                     |
| Sr-90 (Approx. 29 years) | Under analysis  | Under analysis                            | 0.36 [6/26]                            | 3.5 [6/20]        | Under analysis            | Under analysis            | -                          | -                          | -                                  | -                              | -                                  |

\* The highest result announced in "Detailed Analysis Results in the Port of Fukushima Daiichi NPS, around Discharge Channel and Bank Protection" or the other handouts is provided.

As for "1F, North side of Unit 1-4 water intake channel", the data is obtained since January 14, 2013. For the other locations, the data is obtained since June 14.

\* "ND" indicates that the measurement result is below the detection limit.

\* Date of sampling is provided in parentheses.

\* "-" indicates that the measurement was out of range.