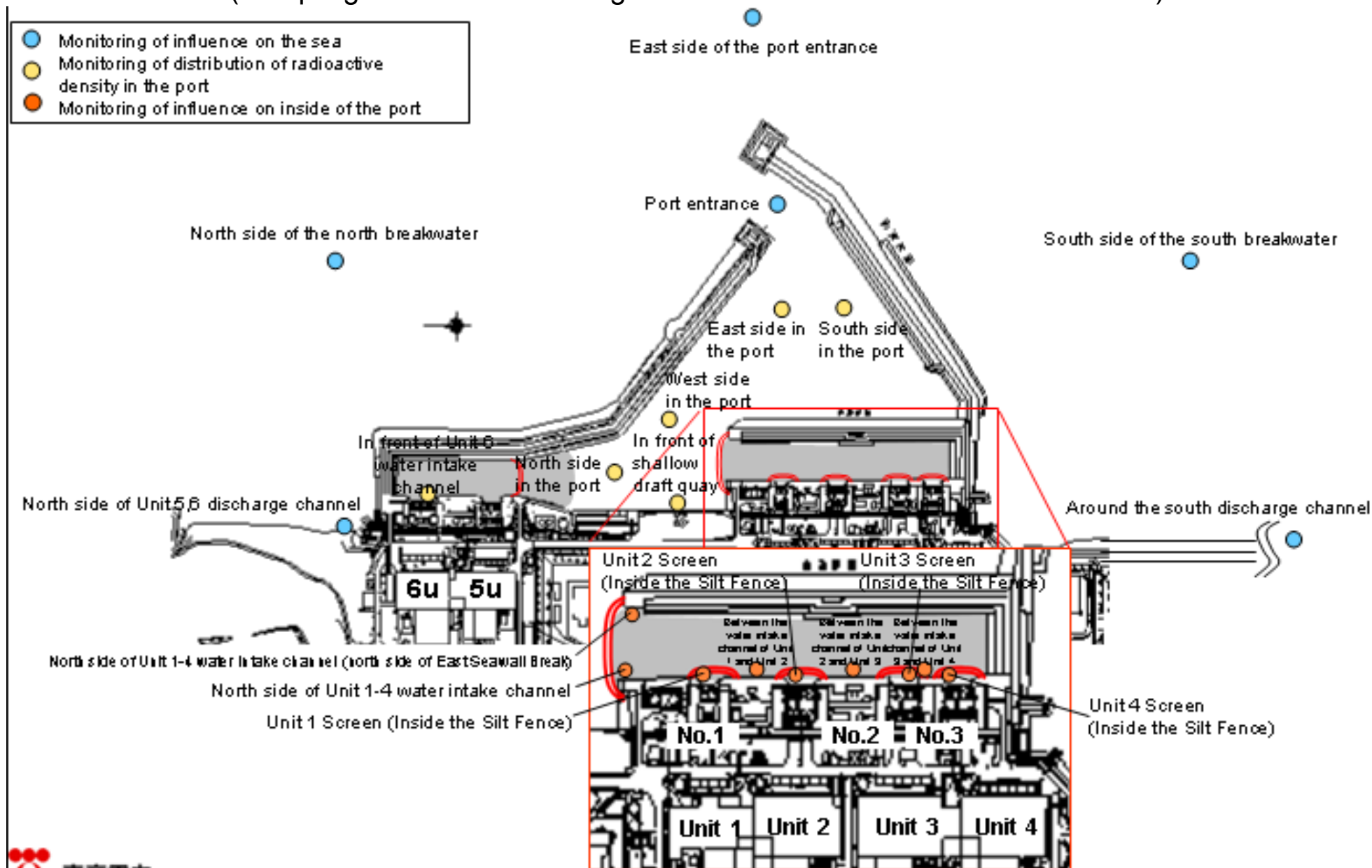


### Detailed Analysis Results in the Port of Fukushima Daiichi NPS, around Discharge Channel and Bank Protection (Sampling Locations of Underground Water Obtained at Bank Protection)



Detailed Analysis Results in the Port of Fukushima Daiichi NPS, around Discharge Channel and Bank Protection  
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) | Density Limit Specified by the Reactor Regulation * | WHO Guidelines for drinking-water quality |
|--------------------------|--|---|------------------------------------|---|--|---|---|---|---|---|---|---|---|
| Date of Sampling         | /  | /   | /                                  | /   | /  | /   | /   | /   | /   | /   | /   |   |   |
| Time of sampling         | /  | /   | /                                  | /   | /  | /   | /   | /   | /   | /   | /   |   |   |
| Cs-134(Approx. 2 years)  | /  | /   | /                                  | /   | /  | /   | /   | /   | /   | /   | /   | 60  | 10  |
| Cs-137(Approx.30 years)  | /  | /   | /                                  | /   | /  | /   | /   | /   | /   | /   | /   | 90  | 10  |
| All β                    | /  | /   | /                                  | /   | /  | /   | /   | /   | /   | /   | /   |   |   |
| H-3 (Approx. 12 years)   | /  | /   | /                                  | /   | /  | /   | /   | /   | /   | /   | /   | 60,000  | 10,000                                    |
| Sr-90 (Approx. 29 years) | /  | /   | /                                  | /   | /  | /   | /   | /   | /   | /   | /   | 30  | 10  |

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 | Density Limit Specified by the Reactor Regulation * | WHO Guidelines for drinking-water quality |
|--------------------------|---|---|--|-------------------|---------------------------|---------------------------|----------------------------|----------------------------|------------------------------------|--------------------------------|------------------------------------|---|---|
| Date of Sampling         | /   | /   | /                                      | /                 | /                         | /                         | /                          | /                          | Oct 8, 2013                        | Oct 8, 2013                    | Oct 8, 2013                        |   |   |
| Time of sampling         | /   | /   | /                                      | /                 | /                         | /                         | /                          | /                          | 8:43 AM                            | 8:25 AM                        | 8:33 AM                            |   |   |
| Cs-134(Approx. 2 years)  | /   | /   | /                                      | /                 | /                         | /                         | /                          | /                          | ND(0.64)                           | ND(0.76)                       | ND(0.88)                           | 60  | 10  |
| Cs-137(Approx.30 years)  | /   | /   | /                                      | /                 | /                         | /                         | /                          | /                          | ND(0.73)                           | 1.4                            | ND(0.71)                           | 90  | 10  |
| All β                    | /   | /   | /                                      | /                 | /                         | /                         | /                          | /                          | ND(15)                             | ND(15)                         | ND(15)                             |   |   |
| H-3 (Approx. 12 years)   | /   | /   | /                                      | /                 | /                         | /                         | /                          | /                          | Under analysis                     | Under analysis                 | Under analysis                     | 60,000  | 10,000                                    |
| Sr-90 (Approx. 29 years) | /   | /   | /                                      | /                 | /                         | /                         | /                          | /                          | -                                  | -                              | -                                  | 30  | 10  |

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

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

\* Density Limit Specified by the Rule for the Installation, Operation, etc. of Commercial Nuclear Power Reactors (the density limit in the water outside the surrounding monitored areas is provided in section 6 of Appendix 2 [the amount is converted from Bq/cm<sup>3</sup> to Bq/L]).

<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 (surface layer) | 1F, Between the water intake channel of Unit 2 and Unit 3 (lower layer) | 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]                          | 54 [9/10]                                       | 16 [8/12]  | 31 [9/9]<br>[9/23]                        | 39 [9/10]   | 22 [9/29]   | 27 [10/7]                                 | 22 [10/7]   | 3.5 [8/20]  | 350 [7/15]                                |
| Cs-137(Approx.30 years) | 3.3 [6/26]                                   | 4.7 [8/19]                                  | 8.6 [8/5]                          | 110 [9/10]                                      | 33 [8/12]  | 68 [9/9]                                  | 80 [9/10]   | 52 [9/29]   | 61 [10/7]                                 | 58 [10/7]   | 9.8 [8/20]  | 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]  | 520 [9/9]                                 | 480 [10/7]  | 85 [8/20]   | 1,000 [7/15]                              |
| H-3 (Approx. 12 years)  | 8.6 [6/26]                                   | 24 [8/19]                                   | 340 [6/26]                         | 4,700 [8/15]                                    | 460 [7/15]   | 2,500 [8/12]                              | 2,600 [8/15]  | 1,600 [9/1]   | 1,500 [9/9]<br>[9/30]                     | 790 [9/9]   | -   | 410 [9/2]                                 |
| 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 (surface layer) | 1F, Between the water intake channel of Unit 3 and Unit 4 (lower layer) | 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]   | 4.8 [8/20]  | 62 [9/16]                                 | ND                                     | 1.6 [8/19]        | 2.9 [8/19]                | 2.6 [8/19]                | 2.3 [10/3]                 | 2.1 [8/19]                 | ND                                 | ND                             | ND                                 |
| Cs-137(Approx.30 years) | 45 [8/12]   | 7.7 [8/20]  | 140 [9/16]                                | 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]  | 57 [8/20]   | 360 [10/7]                                | 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                                     | 68 [8/19]         | 67 [8/19]                 | 59 [8/19]                 | 52 [8/19]                  | 60 [8/19]                  | 4.7 [8/14]                         | 3.6 [9/18]                     | ND                                 |
| 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.

[Reference] Standard values

Unit: Bq/L

|   | Cs-134 | Cs-137 | H-3    | Sr-90 |
|---|--------|--------|--------|-------|
| Density Limit Specified by the Rule for the Installation Operation, etc. of Commercial Nuclear Power Reactors (the density limit in the water outside the surrounding monitored areas is provided in section 6 of Appendix 2) | 60     | 90     | 60,000 | 30    |
| WHO Guidelines for drinking-water quality   | 10     | 10     | 10,000 | 10    |