

Detailed Analysis Results in the Port of Fukushima Daiichi NPS, around Discharge Channel and Bank Protection (1/3) Underground Water Obtained at Bank Protection

| | | | | | | | | | | | | | | | Unit: Bq/ | L (exclude chlori |
|----------------------------|---|--|---|--|---|---|---|---|---|---|---|--|--|--|--|--|
| | | Underground water observation hole No.0-1 | Underground water observation hole No.0-1-2 | Underground water observation hole No.0-2 | Underground water observation hole No.0-3-1 | Underground water observation hole No.0-3-2 | Underground water observation hole No.0-4 | Underground water observation hole No.1 | Underground water observation hole No.1-6 | Underground water observation hole No.1-8 | Underground water observation hole No.1-9 | Underground water observation hole No.1-11 | Underground water observation hole No.1-12 | Underground water observation hole No.1-14 | Underground water observation hole No.1-16 | Undergroun water observa hole No.1-1 |
| | Date of sampling | / | / | / | / | / | / | / | / | / | Sep 28, 2014 | / | / | / / | / / | |
| | Time of sampling | / | / | / | / | / | / | / | / | / | 6:17 AM | / | / | / | | |
| | Chloride (unit: ppm) | / | / | / | / | / | / | / | / | / | 16 | / | / | | | / |
| Cs | s-134 (Approx. 2 years) | / | / | / | / | / | / | / | / | / | - | / | / | | | / |
| Cs | -137 (Approx.30 years) | / | / | / | / | / | / | / | / | / | - | / | / | | | / |
| | Mn-54 (Approx. 310 days) | / | / | / | / | / | / | / | / | / | | / | / | | | / |
| The | Co-60 (Approx. 5 years) | / | / | / | / | / | / | / | / | / | | / | | | | |
| other y | Sb-125 (Approx. 3 years) | | / | / | / | / | / | / | / | / | | / | | | | |
| | | | | / | / | / | / | / | / | / | | / | | | | |
| | Gross β | | / | / | / | / | / | / | / | / | ND(21) | / | | | | / |
| F | I-3 (Approx. 12 years) | 1/ | / | / | / | / | / | / | / | / | ND(110) | / | / | 1/ | / | / |
| Sr | -90 (Approx. 29 years) | / | / | / | / | / | / | / | / | / | _ | / | / | / | / | / |
| | | Groundwater pumped up from the well point (between Unit 1 | Underground water observation hole No.2 | Underground water observation hole No.2-2* | Underground water observation hole No.2-3 | Underground water observation hole No.2-5 | Underground water observation hole No.2-6 | Underground water observation | Underground water observation | Groundwater pumped up from the well point | Underground water observation | Underground water observation | Underground water observation | Underground water observation | Underground | |
| | | and 2) | 10101012 | | 1010 110.2 0 | 1016110.2-5 | 101e N0.2-6 | hole No.2-7 | hole No.2-8 | (between Unit 2 and 3) | hole No.3 | hole No.3-2 | hole No.3-3 | hole No.3-4 | water observation hole No.3-5 | |
| | Date of sampling | | 1010 11012 | / | /// | 1010110.2-0 | hole No.2-6 | nole No.2-7 | hole No.2-8 | | hole No.3 | | | | | |
| | Date of sampling Time of sampling | | | / | | | | nole No.2-7 | hole No.2-8 | | hole No.3 | | | | | - |
| | | | | | | | | noie No.2-7 | hole No.2-8 | | hole No.3 | | | | | |
| | Time of sampling | | | | | | | | hole No.2-8 | | hole No.3 | | | | | |
| Cs | Time of sampling Chloride (unit: ppm) | | | | | | | nole No.2-7 | hole No.2-8 | | hole No.3 | | | | | - |
| Cs | Time of sampling Chloride (unit: ppm) s-134 (Approx. 2 years) | | | | | | | | hole No.2-8 | | hole No.3 | | | | | |
| Cs | Time of sampling Chloride (unit: ppm) s-134 (Approx. 2 years) -137 (Approx.30 years) | | | | | | | | hole No.2-8 | | hole No.3 | | | | | |
| Cs Cs | Time of sampling Chloride (unit: ppm) s-134 (Approx. 2 years) -137 (Approx.30 years) Mn-54 (Approx. 310 days) | | | | | | | | hole No.2-8 | | hole No.3 | | | | | |
| Cs Cs The | Time of sampling Chloride (unit: ppm) s-134 (Approx. 2 years) -137 (Approx.30 years) Mn-54 (Approx. 310 days) Co-60 (Approx. 5 years) | | | | | | | | hole No.2-8 | | hole No.3 | | | | | |
| Cs Cs The | Time of sampling Chloride (unit: ppm) s-134 (Approx. 2 years) -137 (Approx.30 years) Mn-54 (Approx. 310 days) Co-60 (Approx. 5 years) | | | | | | | | hole No.2-8 | | hole No.3 | | | | | |
| Cs Cs The other y | Time of sampling Chloride (unit: ppm) s-134 (Approx. 2 years) -137 (Approx. 30 years) Mn-54 (Approx. 310 days) Co-60 (Approx. 5 years) Sb-125 (Approx. 3 years) | | | | | | | | hole No.2-8 | | hole No.3 | | | | | |

* Data announced this time is provided in a thick-frame. The other data was announced on September 29.

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

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

(Note) As of No. 1-9, 2-5, and 3-5, γ was not measured because they are sampled by sampler. Gross β were measured after filtation for references.

Detailed Analysis Results in the Port of Fukushima Daiichi NPS, around Discharge Channel and Bank Protection (2/3) Underground Water Obtained at Bank Protection

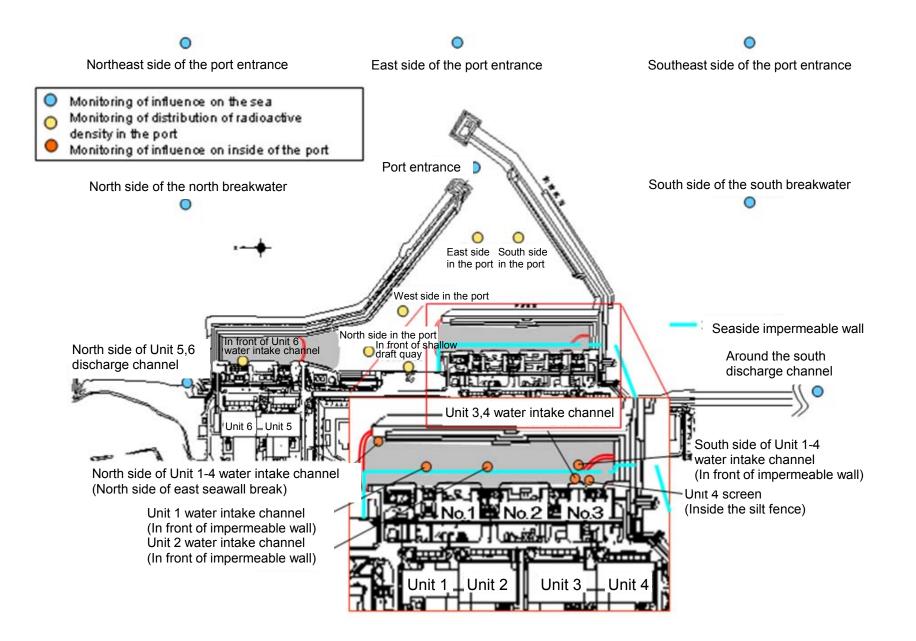
| | | • | | | 1 | | | 1 | 1 | T | T | T | r | | Unit: Bq/ | L (exclude chl |
|---------|-------------------------------|--|---|--|---|---|---|---|---|--|---|--|--|--|--|--|
| | | Underground water observation hole No.0-1 | Underground water observation hole No.0-1-2 | Underground water observation hole No.0-2 | Underground water observation hole No.0-3-1 | Underground water observation hole No.0-3-2 | Underground water observation hole No.0-4 | Underground water observation hole No.1 | Underground water observation hole No.1-6 | Underground water observation hole No.1-8 | Underground water observation hole No.1-9 | Underground water observation hole No.1-11 | Underground water observation hole No.1-12 | Underground water observation hole No.1-14 | Underground water observation hole No.1-16 | Undergrow water observ hole No.1 |
| D | Date of sampling | / | / | / | / | / | / | / | / | / | Sep 30, 2014 | / | 1 / | 1 / | / / | / |
| Т | Time of sampling | / | / | / | / | / | / | / | / | / | 7:32 AM | / | / | / | / | |
| Ch | nloride (unit: ppm) | / | / | / | / | / | / | / | / | / | 20 | / | | | / | |
| Cs-13 | 34 (Approx. 2 years) | / | / | / | / | / | / | / | / | / | - | / | | | | |
| Cs-13 | 37 (Approx.30 years) | / | / | / | / | / | / | / | / | / | - | / | | | / | / |
| | | / | / | / | / | / | / | / | / | / | | / | | | | |
| The | | / | / | / | / | / | / | / | / | / | | / | | | | |
| other y | | / | / | / | / | / | / | / | / | / | | / | | | | |
| | | | / | / | / | / | / | / | / | / | | / | | | | |
| | Gross β | / | / | / | / | / | | / | / | / | 31 | / | / | | | / |
| H-3 | (Approx. 12 years) | 1/ | / | / | / | / | / | / | / | / | Under analysis | / | / | / | / | / |
| Sr-90 |) (Approx. 29 years) | / | / | / | / | / | / | / | / | / | _ | / | / | / | / | / |
| | | | 1 | r | r | 1 | | r | 1 | 1 | 1 | r | | | r | I |
| | | Groundwater pumped up from the well point (between Unit 1 and 2) | Underground water observation hole No.2 | Underground water observation hole No.2-2* | Underground water observation hole No.2-3 | Underground water observation hole No.2-5 | Underground water observation hole No.2-6 | Underground water observation hole No.2-7 | Underground water observation hole No.2-8 | Groundwater pumped up from the well point (between Unit 2 and 3) | Underground water observation hole No.3 | Underground water observation hole No.3-2 | Underground water observation hole No.3-3 | Underground water observation hole No.3-4 | Underground water observation hole No.3-5 | |
| D | Date of sampling | / | / | / | / | / | Sep 30, 2014 | / | / | / | / | / | / | | / | |
| Т | Time of sampling | / | / | / | / | / | 10:41 AM | / | / | / | / | / | / | / | / | |
| Ch | nloride (unit: ppm) | / | / | / | / | / | _ | / | / | / | | / | / | | | |
| Cs-13 | 34 (Approx. 2 years) | / | / | / | / | / | ND(0.34) | / | / | / | | | | | | |
| Cs-13 | 37 (Approx.30 years) | / | / | / | / | / | ND(0.47) | / | / | / | | / | | | | |
| | | / | / | / | / | / | | / | / | / | / | / | | | | |
| The | | / | / | / | / | / | | / | / | / | / | / | | | | |
| other y | | | / | / | / | / | | / | / | / | / | | | | | |
| | | / | | | | | | | / | | / | | | | / | 1 |
| | | / | / | / | / | / | 2,400 | / | / | / | / | / | 1/ | / | / | 1 |
| | Gross β | | / | / | / | / | 2,100 | / | / | / | | | 1 / | 1 / | 1 | |
| H-3 | Gross β (Approx. 12 years) | / | / | / | / | / | Under analysis | / | / | / | / | / | /////////////////////////////////////// | / | / | |

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

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

(Note) As of No. 1-9, 2-5, and 3-5, γ was not measured because they are samlpled by sampler. Gross β were measured after filtation for references.

Detailed Analysis Results in the Port of Fukushima Daiichi NPS, around Discharge Channel and Bank Protection (Sampling Locations of Seawater)



Detailed Analysis Results in the Port of Fukushima Daiichi NPS, around Discharge Channel and Bank Protection (3/3) Seawater

| | 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 (north side of East Seawall Break) | TE, IN front of | channel (in front | 1F, Between the water intake channel of Unit 3 and Unit 4 | 1F, Unit 4 Screen (Inside the Silt Fence) | 1F, South side of Unit 1-4 water intake channel (In front of impermeable wall) | 1F, Around the south discharge channel | Specified | 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 |
| Gross β | | | | | | | | | | | | |
| H-3 (Approx. 12 years) | | | | | | | | | | | 60,000 | 10,000 |
| Sr-90 (Approx. 29 years) | | | | V | | | | | V | | 30 | 10 |

Unit: Bg/L

Unit: Bg/L

| | 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 | Northeast side of the port entrance | East side of the port entrance | Southeast 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 | / | / | / | | / | Sep 22, 2014 | Sep 22, 2014 | Sep 22, 2014 | Sep 22, 2014 | Sep 22, 2014 | | |
| Time of sampling | | / | | | | 10:05 AM | 10:00 AM | 10:10 AM | 10:17 AM | 10:22 AM | | |
| Cs-134(Approx. 2 years) | | | | | | ND(0.69) | ND(0.71) | ND(0.86) | ND(0.64) | ND(0.44) | 60 | 10 |
| Cs-137(Approx.30 years) | | | | | | ND(0.53) | ND(0.53) | ND(0.45) | ND(0.52) | ND(0.69) | 90 | 10 |
| Gross β | | | | | | ND(17) | ND(17) | ND(17) | ND(17) | ND(17) | | |
| H-3 (Approx. 12 years) | | | | | | 1.8 | ND(1.7) | 2.4 | ND(1.7) | 2.7 | 60,000 | 10,000 |
| Sr-90 (Approx. 29 years) | / | | / | \bigvee | / | _ | - | _ | _ | - | 30 | 10 |

* Data announced this time is provided in a thick-frame. The other data was announced on September 24.

* "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/cm³ to Bq/L]).

<Reference> The Highest Dose Until the Previous Measurement (Groundwater Obtained at Bank Protection)

| | | observa | ndwater ation hole 9.0-1 | | dwater tion hole)-1-1 | observa | idwater ition hole 0-1-2 | Ground observat No. | ion hole | Groun observa No.0 | tion hole | | dwater tion hole)-3-2 | observa | idwater ition hole .0-4 | observa | ndwater ation hole lo.1 | | idwater ition hole .1-1 | Groun observa No. | tion hole | observa | idwater ition hole .1-3° | observa | ndwater ation hole 0.1-4 | observa | idwater ition hole .1-5 | Ground observat No. | ion hole |
|---------|---------------------------|---------|--------------------------------|---------|------------------------------|---------|--------------------------------|----------------------------|----------|--------------------------|--------------------------|---------------------|------------------------------|-----------------------------|---|---------|--------------------------------|-----------|-------------------------------|---------------------------|------------------|-----------------------------|--|---------|--------------------------------|---------|--|---------------------------|------------------|
| (| Cs-134 (Approx. 2 years) | 29 | <5/25> | ND | | 0.61 | <3/2> | 0.61 | [10/13] | 0.64 | <4/6> | 1.3 | <9/25> | 0.70 | <6/29> | 13 | [8/29] | 1.9 | [7/8] | 11,000 | [7/9] | 10 | [9/2] | 1.5 | [7/8] | 310 | [8/5] | 12,000 | <8/12> <9/22> |
| C | Cs-137 (Approx.30 years) | 78 | <5/25> | ND | | 1.5 | <3/2> | 2.2 | <1/12> | 1.1 | <4/6> | 5.1 | <9/25> | 1.6 | <6/29> | 31 | [8/29] | 3.6 | [7/8] | 22,000 | [7/9] | 24 | [9/2] | 3.6 | [7/8] | 650 | [8/5] | 34,000 | <8/12> <9/22> |
| | Ru-106 (Approx. 370 days) | ND | | ND | | ND | | ND | | ND | | ND | | ND | | 26 | [5/24] | 7.9 | [7/8] | 160 | [8/15] | 17 | [7/22] [8/8] | 3.1 | [8/8] | ND | | ND | |
| The | Mn-54 (Approx. 310 days) | ND | | ND | | ND | | ND | | ND | | 0.64 | <2/20> | ND | | ND | | 1.0 | [7/5] | 62 | [7/5] | ND | | ND | | ND | | 320 | <2/13> <2/17> |
| other y | Co-60 (Approx. 5 years) | ND | | ND | | ND | | ND | | ND | | ND | | ND | | 0.50 | [7/19] | ND | | 3.1 | [7/8] | ND | | ND | | ND | | 830 | <2/20> |
| | Sb-125 (Approx. 3 years) | ND | | ND | | ND | | ND | | ND | | ND | | ND | | 1.7 | [7/11] | ND | | 250 | [7/15] | 1.4 | [7/12] [8/26] | ND | | 12 | [8/8] | 34 | <5/19> |
| | Gross β | 300 | [8/29] <5/18> | 21 | [12/7] | 24 | <6/22> | 87 | [10/13] | ND | | 67 ^{*1} | [12/11] | 44 | <6/22> | 1,900 | [5/24] | 4,400 | [7/8] | 9,300,000 | [7/8] | 160,000 | [8/12] [8/15] | 380 | [8/19] | 56,000 | [8/5] | 1,400,000 | <8/12 |
| | H-3 (Approx. 12 years) | 45,000 | [8/29] | 18,000 | [12/7] | 74,000 | [12/15] <1/19> | 6,800 | <2/16> | ND | | 76,000 | <2/6> | 56,000 | <2/23> | 500,000 | [5/24] [6/7] | 630,000 | [7/8] | 430,000 | [9/16] | 290,000 | [7/12] | 98,000 | [7/11] | 72,000 | [8/15] | * 2 110,000 | <2/6> |
| | Sr-90(Approx. 29 years) | 140 | [8/8] | 7.9 | [12/7] | 2.6 | [11/10] | 0.73 | [9/2] | 1.5 | [11/20] | 2.3 | [12/6] | ND(0.83) | [10/27] | 1,300 | [8/22] | 2,300 | [6/28] | 5,000,000 | [7/5] | 130,000 | [8/8] | 200 | [7/8] | 5,100 | [8/22] | 690,000 | <5/12 |
| - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Unit: Bo |
| | | observa | ndwater ation hole 9.1-8 | | dwater tion hole .1-9 | observa | idwater ition hole 1-10 | Ground observat No.2 | ion hole | Groun observa No. | tion hole | observa | dwater tion hole 1-13 | observa | idwater ition hole 1-14 | observa | ndwater ation hole .1-15 | observa | idwater ition hole 1-16 | Groun observat No.1 | tion hole | pumped the we (betwee | idwater I up from ell point en Unit 1 d 2) | observa | ndwater ation hole lo.2 | observa | idwater ition hole .2-1 [*] | Groun observat No. | ion hole |
| C | Cs-134 (Approx. 2 years) | 47 | [11/25] | 170 | [9/3] | - | | 1.1 | <1/13> | 74 | [10/21] | 37,000 | <2/13> | 88 *2 | 2 <2/27> | ND | | 30 | <7/28> | 1.4 | <7/7> | 110 | [9/23] | 0.88 | <2/26> | 0.66 | [9/1] | 15 | <2/12 |
| C | Cs-137 (Approx.30 years) | 110 | [11/25] | 380 | [9/3] | - | | 3.4 | <4/28> | 170 | [10/21] | 93,000 | <2/13> | 230 *2 | ² <2/27> | 0.88 | <7/10> | 86 | <7/28> | 3.0 | <9/29> | 250 | [9/23] | 2.5 | <2/26> | 1.1 | [8/29] [9/1] | 38 | <2/12 |
| | Ru-106 (Approx. 370 days) | ND | | ND | | - | | ND | | 5.4 | [10/28] | ND | | ND | | ND | | 9.2 | [10/28] | 5.5 | <4/21> <5/1> | 25 | [9/2] | ND | | ND | | ND | |
| The | Mn-54 (Approx. 310 days) | 12 | <2/3> | ND | | - | | ND | | ND | | ND | | 2.1 | <9/8> | ND | | 11 | <8/25> | ND | | 8.5 | <4/28> | ND | | ND | | ND | |
| other y | Co-60 (Approx. 5 years) | 1.3 | <2/3> | ND | | - | | ND | | 0.51 | [10/24] | ND | | 0.44 | <5/29> | ND | | 0.9 | [11/7] | 0.61 | [11/25] | 0.61 | <6/9> | ND | | ND | | ND | |
| | Sb-125 (Approx. 3 years) | ND | | ND | | - | | ND | | 61 | [10/21] | ND | | ND | | ND | | 24 | <6/16> | 2.1 | [11/25] | ND | | ND | | ND | | ND | |
| | Gross β | 59,000 | <2/3> | 2,100*2 | [11/17] | 78 *2 | <1/27> | 2,300 | [12/26] | 1,100 | <5/5> | 260,000 | <2/12> <2/13> | 28,000 | <9/22> | 110 | <7/10> | 3,100,000 | <1/20> <1/30> <2/3> | 840,000 | <9/22> | 1,900,000 | [9/23] | 1,700 | [7/8] | 380 | [7/29] | 600 | <4/16 |
| | H-3 (Approx. 12 years) | 33,000 | <6/2> | 860 *2 | [11/14] | 270,000 | ^{'2} <1/27> | 85,000 | [9/13] | 440,000 | [10/31] | 88,000 | <2/12> | 23,000 | <2/13> | 74,000 | <7/10> | 43,000 | [9/26] | 32,000 | <1/20> | 460,000 | [8/19] | 1,000 | <2/23> | 440 | [8/26] | 660 | <1/8> |
| | Sr-90(Approx. 29 years) | 35,000 | <2/17> | 300 | [10/3] | - | | 67 | <6/9> | 290 | [10/21] | 160,000 | <2/12> | 4,100 | <6/9> | Under | analysis | 2,700,000 | <2/13> | 29,000 | <6/9> | - | | 54 | [5/31] | 5.9 | [7/25] | 320 | [12/25 |
| | | observa | ndwater ation hole 0.2-3 | | dwater tion hole .2-5 | observa | idwater ition hole .2-6 | Ground observat No. | ion hole | Groun observa No. | tion hole | | dwater tion hole 2-9 | pumped the we (betwee | dwater I up from ell point en Unit 2 d 3) | observa | ndwater ation hole lo.3 | | | Groun observa No. | | observa | idwater ition hole .3-3 | observa | ndwater ation hole 5.3-4 | observa | Unit: Bq/L adwater tion hole .3-5 | | |
| 0 | Cs-134 (Approx. 2 years) | 2.2 | <2/26> | 41 | <5/7> | 17 | <3/11> | 3.5 | <2/23> | 1.3 | <7/20> | ND | | 2.2 | <9/7> | 3.5 | [7/25] | 1.2 | [7/25] [8/8] | 23 | <8/27> | 180 | <7/2> | 5.1 | <7/23> | 100 | <7/30> | | |
| c | Cs-137 (Approx.30 years) | 5.5 | <2/26> | 110 | <5/7> | 50 | <3/11> | 9.0 | <2/23> | 3.4 | <7/20> | 0.58 *2 | <2/11> | 5.7 | <9/7> | 5.9 | [8/8] | 2.6 | [8/1] | 68 | <9/3> | 500 | <7/2> | 16 | <8/27> | 310 | <7/30> | | |
| | Ru-106 (Approx. 370 days) | ND | | ND | | ND | | ND | | ND | | 6.5 ^{*2} | <2/11> | ND | | ND | | ND | | ND | | ND | | ND | | - | | | |
| The | Mn-54 (Approx. 310 days) | 0.29 | [12/6] | 0.95 | <6/4> | ND | | ND | | ND | | ND | | ND | | ND | | ND | | ND | | ND | | 0.54 | [10/30] | - | | | |
| other y | Co-60 (Approx. 5 years) | ND | | ND | | ND | | ND | | ND | | ND | | ND | | ND | | ND | | ND | | ND | | ND | | - | | | |
| | Sb-125 (Approx. 3 years) | ND | | 74 | <5/7> | ND | | ND | | ND | | ND | | ND | | 1.6 | <1/1> | ND | | ND | | ND | | ND | | - | | | |
| | Gross β | 1,500 | [12/6] <1/8> | 150,000 | <2/12> | 3,200 | [12/5] | 1,300 | <6/20> | 5,800 | <7/23> | 1,700 | <2/7> | 240,000 | [12/12] | 1,400 | [7/11] | 180 | [8/1] | 3,100 | <8/20> <8/28> | 8,900 | <7/2> | 46 | <8/13> | 510 | <7/16> | | |
| | H-3 (Approx. 12 years) | 1,700 | [12/6] | 7,900 | <4/9> | 1,900 | <8/10> | 1,100 | <1/19> | 1,700 | <4/6> <8/6> <8/13> | *2 13,000 | <2/7> <2/11> | 9,300 | <9/21> | 3,200 | [Dec. 12, 2012] | 460 | [8/1] | 3,700 | <7/9> | 8,000 | <5/7> | 170 | [9/18] | 170 | <1/8> | | |
| | Sr-90(Approx. 29 years) | 1,200 | [12/6] | 34,000 | <5/7> | Under | analysis | ND(1.4) | [11/21] | 3,900 | <3/30> | 1,200 ^{*2} | <2/11> | - | | 8.3 | [Dec. 12, 2012] | 4.4 | [7/23] | 2,000 | <4/18> | 3,600 | <4/30> | ND | | 200 | <5/28> | | |

• Since some samples are still under analysis, the highest dose of the Strontium-90 is among those previously announced.

*1 Analysis result of pumped water.

*2 The results are for a reference, since the water was highly turbid. (γ and Gross β were measured after filtration.)

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

* ¹⁴⁴ bate of sampling is provided in parentheses. (): 2013, <>: 2014 * ¹⁴⁴ is provided next to the name of the holes where the sampling could not be performed due to the chemical injection of ground improvement. (Note) As of No. 1-9, 2-5, and 3-5, since September 17, γ was not measured because they are sampled by sampler. Gross β were measured after filtation for references.

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

| | | ide of Unit 5,6 ge channel | | nt of Unit 6 ake channel | | t of shallow quay | 4 water in (north s | side of Unit 1- take channel ide of East all Break) | discharge front of im | nt of Unit 1 channel (in permeable all) | intake char | en the water nnel of Unit 1 (lower layer) | intake char | en the water nnel of Unit 3 Unit 4 | | t 4 Screen e Silt Fence) | 4 water in (in front of | side of Unit 1- take channel impermeable vall) | | nd the south ge channel |
|--------------------------|-----|-------------------------------|-----|-----------------------------|-----|----------------------|------------------------|--|--------------------------|--|-------------|---|-------------|--|-------|-----------------------------|----------------------------|---|------|----------------------------|
| Cs-134(Approx. 2 years) | 1.8 | [6/21] | 2.8 | [12/2] | 5.3 | [8/5] | 32 | [10/11] | 12 | <6/23> | 12 | <9/8> | 50 | <9/22> | 62 | [9/16] | 15 | <4/14> <5/19> | 1.8 | <6/9> |
| Cs-137(Approx.30 years) | 4.5 | <3/17> | 5.8 | [12/2] | 8.6 | [8/5] | 73 | [10/11] | 33 | <5/12> | 40 | <9/8> | 150 | <9/22> | 140 | 9/16] <9/2 | 45 | <5/19> | 4.9 | <6/9> |
| Gross β | 17 | <1/6> | 46 | [8/19] | 40 | [7/3] | 320 | [8/12] | 140 | <5/5> <7/14> <8/18> <9/1> | 160 | <8/18> | 660 | <6/9> | 680 | <9/22> | 380 | <3/10> | 16 | <6/9> <8/4> |
| H-3 (Approx. 12 years) | 8.7 | <5/12> | 24 | [8/19] | 340 | [6/26] | 600 | [8/18] | 460 | <8/18> | 350 | <8/18> | 2,500 | <6/23> | 2,200 | <7/21> | 810 | <8/4> | 6 | <5/19> |
| Sr-90 (Approx. 29 years) | 4.7 | [6/26] | _ | | 7.2 | [6/26] | 220 | [8/19] | _ | | _ | | 660 | <6/9> | 390 | <6/9> | _ | | 0.29 | [6/26] |

Unit: Bq/L

| | 1F, Por | t entrance | 1F, East si | de in the port | 1F, West si | ide in the port | 1F, North s | ide in the port | 1F, South s | side in the por | North side o break | | | side of the htrance | | of the south kwater | | t side of the reakwater | | e of the south kwater |
|--------------------------|---------|------------|-------------|----------------|-------------|-----------------|-------------|-----------------|-------------|-----------------|-----------------------|--------|-----|------------------------|-----|------------------------|-----|----------------------------|-----|--------------------------|
| Cs-134(Approx. 2 years) | 3.3 | [12/24] | 3.3 | [10/17] | 4.4 | [12/24] | 5.0 | [12/2] | 3.5 | [10/17] | ND | | ND | | ND | | ND | | ND | |
| Cs-137(Approx.30 years) | 7.3 | [10/11] | 9.0 | [10/17] | 10 | [12/24] | 8.4 | [12/2] | 7.8 | [10/17] | ND | | ND | | 1.6 | [10/18] | ND | | ND | |
| Gross β | 69 | [8/19] | 74 | [8/19] | 60 | [7/4] | 69 | [8/19] | 79 | [8/19] | ND | | ND | | ND | | ND | | ND | |
| H-3 (Approx. 12 years) | 68 | [8/19] | 67 | [8/19] | 59 | [8/19] | 52 | [8/19] | 60 | [8/19] | 4.7 | [8/14] | 1.7 | <4/23> | 6.4 | [10/8] | 1.8 | <5/29> | 2.8 | <4/23> |
| Sr-90 (Approx. 29 years) | 49 | [8/19] | - | | - | | - | | - | | - | | - | | - | | - | | - | |

* 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.

• Since some samples are still under analysis, the highest dose of the Strontium-90 is among those previously announced.

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

 * Date of sampling is provided in parentheses. (): 2013, < >: 2014

* "-" 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 |

Unit: Bq/L