

Detailed Analysis Results in the Port of Fukushima Daiichi NPS, around Discharge Channel and Bank Protection (1/4) Underground Water Obtained at Bank Protection

															Unit: Bq/	. (exclude chloric
		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	Underground water observat hole No.1-17
	Date of sampling	/	1 /	/	/	May 8, 2014	/	May 8, 2014	May 8, 2014		/ /	May 8, 2014	May 8, 2014	May 8, 2014	May 8, 2014	May 8, 2014
	Time of sampling	/	/	/	/	9:30 AM	/	10:33 AM	10:20 AM	/	/	10:12 AM	9:20 AM	9:30 AM	9:35 AM	9:53 AM
	Chloride (unit: ppm)	/	/	/	/	-	/	-	-		/	-	-	-	-	-
C	s-134 (Approx. 2 years)	/		/	/	ND(0.40)	/	ND(0.49)	6,100			0.73	2.3	14.0	ND(2.4)	ND(0.50)
Cs	s-137 (Approx.30 years)	/	/	/		ND(0.47)		ND(0.56)	16,000	/	/	1.8	5.4	39	ND(1.2)	1.10
	Mn-54 (Approx. 310 days)	/	/	/	/	ND	/	ND	160		/	ND	ND	ND	ND	ND
The	Co-60 (Approx. 5 years)		/	/	/	ND		ND	610		/	ND	ND	ND	0.68	0.37
other y	Sb-125 (Approx. 3 years)	/		/	/	ND	/	ND	ND			ND	ND	ND	13	1.6
		/	/													
	Gross β					ND(17)		170	860,000			42	410	1,600	1,100,000	5,000
ŀ	I-3 (Approx. 12 years)	/	/	/	/	18,000	/	140,000	11,000		/	9,900	39,000	16,000	11,000	8,500
Sr	-90 (Approx. 29 years)	V	/	/	/	-	/	-	-	/	/	-	-	-	-	-
		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	
	Date of sampling	/	/	/		/	/	/				/		/	1 /	

	Date of sampling	/		/ /	/	/	/	/	/	1 /	/	/	/	/	/
	Time of sampling	/	/		/	/	/	/	/	/	/	/	/	/	/
	Chloride (unit: ppm)				/	/	/	/	/	/	/	/	/	/	
Cs	s-134 (Approx. 2 years)				/	/		/	/		/	/	/	/	/
Cs	-137 (Approx.30 years)			/	/	/				/	/	/	/	/	/
	Mn-54 (Approx. 310 days)			/	/	/		/		/	/	/	/	/	/
The	Co-60 (Approx. 5 years)				/	/	/	/	/		/	/	/	/	/
other $\boldsymbol{\gamma}$	Sb-125 (Approx. 3 years)								/	/			/	/	/
						/	/				/			/	
	Gross β				/	/		/	/		/	/	/		
ŀ	I-3 (Approx. 12 years)	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Sr	-90 (Approx. 29 years)	/	/	/	/	/	/	/	/	/	/	/	/	/	/

* Data announced this time is provided in a thick-frame. The other data was announced on May 9.

* "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.

Detailed Analysis Results in the Port of Fukushima Daiichi NPS, around Discharge Channel and Bank Protection (2/4) Underground Water Obtained at Bank Protection

															Unit: Bq/	L (exclude chloride)
		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	Underground water observation hole No.1-17
	Date of sampling		/	/ /	1	May 12, 2014	/	May 12, 2014	May 12, 2014	May 12, 2014	/	May 12, 2014				
	Time of sampling	/	/	/	/	9:30 AM	/	10:17 AM	10:54 AM	10:36 AM	/	9:55 AM	9:33 AM	9:50 AM	9:55 AM	9:27 AM
	Chloride (unit: ppm)			/		-		-	-	-	/	-	-	-	-	-
С	s-134 (Approx. 2 years)	/		/	/	ND(0.38)		ND(0.56)	6,100	24		ND(0.38)	2.8	13	ND(2.1)	ND(0.58)
C	s-137 (Approx.30 years)	/	/	/		0.47	/	0.68	16,000	66		1.2	7.6	35	1.5	0.60
	Mn-54 (Approx. 310 days)			/		ND	/	ND	140	2.8	/	ND	ND	ND	ND	ND
The	Co-60 (Approx. 5 years)			/		ND	/	ND	510	ND		ND	ND	ND	ND	0.45
other γ	Ru-106 (Approx. 370 days)	/				ND	/	ND	ND	ND	/	ND	ND	ND	ND	3.3
	Sb-125 (Approx. 3 years)	/				ND	/	0.9	ND	ND	/	ND	ND	ND	13	1.2
	Gross β	/				ND(17)		160	710,000	31,000	/	32	240	2,900 ^{*1}	1,100,000	5,800
I	H-3 (Approx. 12 years)	/	1/	/	/	Under analysis	/	Under analysis	Under analysis	Under analysis	/	Under analysis				
S	r-90 (Approx. 29 years)	V	/	/	V	-	/	Under analysis	Under analysis	Under analysis	Ý	Under analysis				

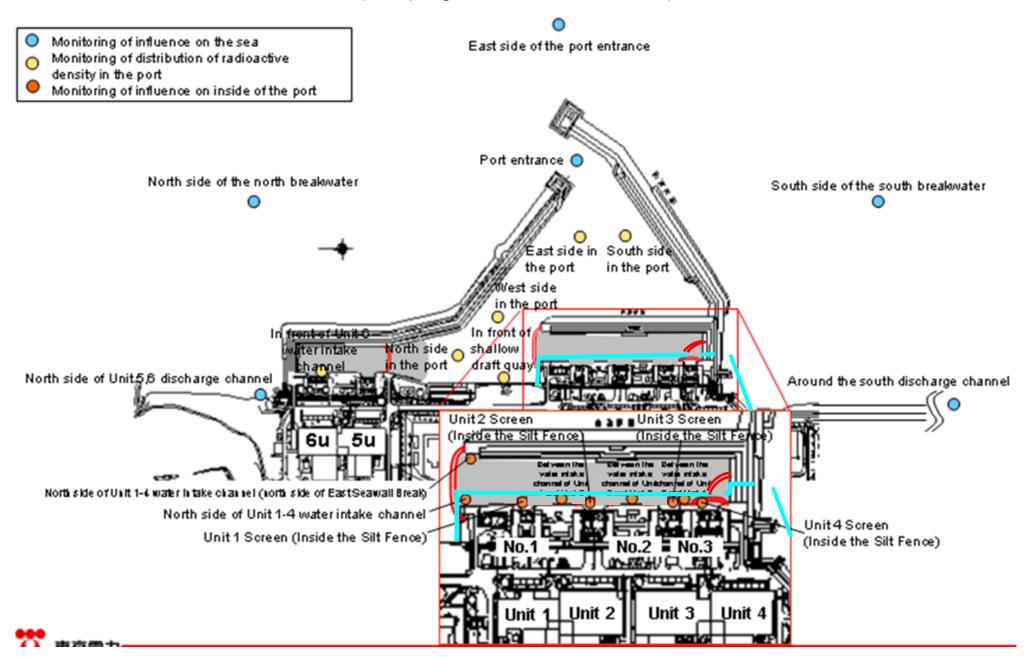
		Groundwater pumped up from the well point (between Unit 1 and 2)	Underground water observation hole No.2	Underground water observation hole No.2-2	Underground water observation hole No.2-3	Underground water observation hole No.2-5	Underground water observation hole No.2-6	Underground water observation 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
	Date of sampling	May 12, 2014		/	/	/	/	/	/	/	/	/	/	/	/
	Time of sampling	10:25 AM	/	/	/	/	/	/	/	/	/	/	/	/	/
	Chloride (unit: ppm)	-		/		/	/	/	/	/		/	/	/	
C	s-134 (Approx. 2 years)	11		/		/	/		/	/		/	/	/	/
Cs	s-137 (Approx.30 years)	29	/	/	/	/	/	/		/	/		/	/	/
	Mn-54 (Approx. 310 days)	5.4	/	/		/	/	/	/	/	/	/	/	/	/
The	Co-60 (Approx. 5 years)	ND		/				/			/			/	
other γ	Ru-106 (Approx. 370 days)	16					/								
	Sb-125 (Approx. 3 years)	ND				/				/		/	/	/	
	Gross β	420,000		/								/			
ŀ	H-3 (Approx. 12 years)	Under analysis	/	/	/	/	/	/	/	/	/	/	/	/	/
Sr	r-90 (Approx. 29 years)	-	/	/	/	/	/	/	/	/	/	/	/	/	/

* "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.

*1 The highest measurement value (compared to the previous values provided in the handouts published in 'Detailed Analysis Results in the Port of Fukushima Daiichi NPS, around Discharge Channel and Bank Protection')

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 (3/4) Seawater

													ι	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 (north side of East Seawall Break)	Unit 1 discharge	water intake	1F, Between the water intake channel of Unit 1 and Unit 2 (lower layer)	1F, Between the water intake channel of Unit 2 and Unit 3	1F, Unit 3	1F, Between the water intake channel of Unit 3 and Unit 4	1F, Unit 4 Screen (Inside the Silt Fence)	(In front of	Density Limit Specified by the Reactor Regulatio n*	WHO Guideline s 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	V	/	V	V	/	30	10

														Jnit: Bq/L
	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	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 Regulatio n *	WHO Guideline s for drinking- water quality
Date of Sampling		May 7, 2014	May 7, 2014	May 7, 2014	May 7, 2014	May 7, 2014	/	/	/	/		/		
Time of sampling		9:47 AM	9:53 AM	9:56 AM	9:58 AM	9:50 AM		/				/		
Cs-134(Approx. 2 years)		ND(0.92)	ND(1.0)	ND(0.98)	ND(1.1)	ND(1.1)	/	/					60	10
Cs-137(Approx.30 years)		ND(1.1)	ND(0.90)	ND(0.98)	ND(1.1)	ND(0.92)		/					90	10
Gross β		ND(15)	ND(15)	ND(15)	ND(15)	ND(15)						/		
H-3 (Approx. 12 years)		ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)						/	60,000	10,000
Sr-90 (Approx. 29 years)	\vee	-	-	-	-	-	/	/	\vee	/	\vee	/	30	10

* Data announced this time is provided in a thick-frame. The other data was announced on May 8.

* "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]).

Detailed Analysis Results in the Port of Fukushima Daiichi NPS, around Discharge Channel and Bank Protection (4/4) Seawater

													i	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 (north side of East Seawall Break)	Unit 1 discharge	1F, Between the water intake channel of Unit 1 and Unit 2 (surface layer)	water intake	1F, Between the	1F, Unit 3 Screen	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)	Density Limit Specified by the Reactor Regulatio n*	WHO Guideline s for drinking- water quality
Date of Sampling	May 12, 2014	May 12, 2014	May 12, 2014	May 12, 2014	May 12, 2014	/	/	May 12, 2014	May 12, 2014	May 12, 2014	May 12, 2014	May 12, 2014		
Time of sampling	6:17 AM	6:43 AM	6:33 AM	7:07 AM	6:38 AM			6:42 AM	6:47 AM	6:52 AM	6:50 AM	6:55 AM		
Cs-134(Approx. 2 years)	ND(0.77)	ND(2.2)	ND(2.3)	12	7.9			33	35	37*1	30	14	60	10
Cs-137(Approx.30 years)	0.97	ND(2.2)	5.3	30	33 ^{*1}			96	95	98 ^{*1}	77	41 ^{*1}	90	10
Gross β	11	ND(17)	ND(17)	170	110			640 ^{*1}	490	490 ^{*1}	320	190		
H-3 (Approx. 12 years)	Under analysis	Under analysis	Under analysis	Under analysis	Under analysis			Under analysis	Under analysis	Under analysis	Under analysis	Under analysis	60,000	10,000
Sr-90(Approx. 29 years)	Under analysis	-	Under analysis	Under analysis	-	/	/	Under analysis	Under analysis	Under analysis	Under analysis	-	30	10

													I	Unit: Bq/L
	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		North side of the north breakwater	of the port	East side of the port entrance	Southeast side of the port entrance	South side of the south breakwater		Density Limit Specified by the Reactor Regulatio n *	WHO Guideline s for drinking- water quality
Date of Sampling	May 12, 2014	May 12, 2014	May 12, 2014	May 12, 2014	May 12, 2014	May 12, 2014	/		/	/		/		
Time of sampling	5:30 AM	9:50 AM	9:57 AM	9:59 AM	10:01 AM	9:55 AM						/		
Cs-134(Approx. 2 years)	ND(0.53)	ND(1.4)	ND(1.2)	ND(2.2)	ND(1.9)	ND(1.3)						/	60	10
Cs-137(Approx.30 years)	ND(0.69)	ND(1.1)	ND(1.3)	ND(1.5)	3.2	ND(1.1)							90	10
Gross β	13	ND(17)	ND(17)	ND(17)	ND(17)	ND(17)						/		
H-3 (Approx. 12 years)	Under analysis	Under analysis	Under analysis	Under analysis	Under analysis	Under analysis						/	60,000	10,000
Sr-90 (Approx. 29 years)	Under analysis	Under analysis	-	-	-	-	/	/	/	/	/	/	30	10

*1 The highest measurement value (compared to the previous values provided in the handouts published in 'Detailed Analysis Results in the Port of Fukushima Daiichi NPS, around Discharge Channel and Bank Protection')

* "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	dwater tion hole .0-1	observat	dwater tion hole)-1-1	observa	idwater ition hole 0-1-2	observa	ndwater ation hole a.0-2	observa	idwater ition hole 0-3-1	observa	dwater tion hole)-3-2	observa	dwater tion hole .0-4	Ground observat No	ion hole	Ground observat No.	ion hole	Ground observat No.	ion hole	Ground observat No.	ion hole		dwater tion hole 1-4	Groun observat No.	tion hole	observa	ndwater ation hole 0.1-6
C	s-134 (Approx. 2 years)	23	<5/4>	0.61	<3/2>	ND		0.61	[10/13]	0.64	<4/6>	0.82	<1/14>	ND		13	[8/29]	1.9	[7/8]	11,000	[7/9]	10	[9/2]	1.5	[7/8]	310	[8/5]	6,300	<3/31
С	s-137 (Approx.30 years)	61	<5/4>	1.5	<3/2>	0.51	[11/17]	2.2	<1/12>	1.1	<4/6>	2.1	<1/14>	1.4	<1/12>	31	[8/29]	3.6	[7/8]	22,000	[7/9]	24	[9/2]	3.6	[7/8]	650	[8/5]	16,000	<3/31
	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]	ND	
	Gross β	300	[8/22]	21	[12/7]	21	[11/10]	87	[10/13]	ND		67*1	[12/11]	29	[12/29]	1,900	[5/24]	4,400	[7/8]	900,000	[7/5] [7/9]	160,000	(8/12) [8/15]	380	[8/19]	56,000	[8/5]	860,000	<5/8>
	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	
Ş	Gr-90(Approx. 29 years)	140	[8/8]	Under analysis		Under analysis		0.73	[9/2]	Under analysis		Under analysis		Under analysis		1,300	[8/22]	2,300	[6/28]	5,000,000	[7/5]	130,000	[8/8]	200	[7/8]	5,100	[8/22]	-	

		Groundwater observation hole No.1-8	Groundwater observation hole No.1-9	Groundwater observation hole No.1-10	Groundwater observation hole No.1-11	Groundwater observation hole No.1-12	Groundwater observation hole No.1-13	Groundwater observation hole No.1-14	Groundwater observation hole No.1-16	Groundwater observation hole No.1-17	Groundwater pumped up from the well point (between Unit 1 and 2)	Groundwater observation hole No.2	Groundwater observation hole No.2-1	Groundwater observation hole No.2-2	Groundwater observation hole No.2-3
	Cs-134 (Approx. 2 years)	47 [11/25]	170 [9/3]	-	1.1 <1/13>	74 [10/21]	37,000 <2/13>	88 *2 <2/27>	3.1 *1 [12/13]	1.2 [12/5]	110 [9/23]	0.88 <2/26>	0.66 [9/1]	15 <2/12>	2.2 <2/26>
	Cs-137 (Approx.30 years)	110 [11/25]	380 [9/3]	-	3.4 <4/28>	170 [10/21]	93,000 <2/13>	230 ^{*2} <2/27>	4.7 <2/17>	2.8 <4/28>	250 [9/23]	2.5 <2/26>	1.1 ^[8/29] [9/1]	38 <2/12>	5.5 <2/26>
	Ru-106 (Approx. 370 days)	ND	ND	-	ND	5.4 [10/28]	ND	ND	9.2 [10/28]	5.5 <4/21>	25 [9/2]	ND	ND	ND	ND
Th	Mn-54 (Approx. 310 days)	12 <2/3>	ND	-	ND	ND	ND	ND	ND	ND	8.5 <4/28>	ND	ND	ND	0.29 [12/6]
othe	Co-60 (Approx. 5 years)	1.3 <2/3>	ND	-	ND	0.51 [10/24]	ND	ND	0.9 [11/7]	0.61 [11/25]	ND	ND	ND	ND	ND
	Sb-125 (Approx. 3 years)	ND	ND	-	ND	61 [10/21]	ND	ND	14 <4/24>	2.1 [11/25]	ND	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>	2,400 <5/1>	<1/20> 3,100,000 <1/30> <2/3>	8,700 <4/28>	700,000 [9/23]	1,700 [7/8]	380 [7/29]	600 <4/16>	1,500 [12/6]
	H-3 (Approx. 12 years)	18,000 <4/28>	*2 860 [11/14]	*2 270,000 <1/27>	85,000 [9/13]	440,000 [10/31]	88,000 <2/12>	23,000 <2/13>	43,000 [9/26]	32,000 <1/20>	460,000 [8/19]	1,000 <2/23>	440 [8/26]	660 <1/8>	1,700 [12/6]
	Sr-90(Approx. 29 years)	1,300 [9/16]	170 [9/3]	-	17 [9/13]	Under analysis	Under analysis	Under analysis	Under analysis	Under analysis	-	54 [5/31]	5.9 [7/25]	Under analysis	Under analysis

																								Unit: Bq/L
		Groun observa No.	tion hole	observa	idwater ition hole .2-6	Groun observa No.	tion hole	observa	ndwater ation hole a.2-8	Groundwater observation hole No.2-9	pumpe the w (betwe	ndwater d up from ell point en Unit 2 nd 3)	observation	ndwater ation hole No.3	observa	ndwater ation hole 9.3-1	observa	idwater ition hole .3-2	observa	ndwater ation hole 0.3-3	observ	ndwater ation hole o.3-4	observa	ndwater ation hole 9.3-5
C	s-134 (Approx. 2 years)	41	<5/7>	17	<3/11>	3.5	<2/23>	0.47	<4/9>	-	2.0	<4/23>	3.5	[7/25]	1.2	[7/25] [8/8]	4.7	<4/23>	51	<4/30>	2.7	<4/16>	64	<1/15>
Cs	s-137 (Approx.30 years)	110	<5/7>	50	<3/11>	9.0	<2/23>	1.3	<4/9>	0.58 *2 <2/11>	4.7	<4/23>	5.9	[8/8]	2.6	[8/1]	12	<4/23>	140	<4/30>	7	<4/16>	170	<1/15>
	Ru-106 (Approx. 370 days)	ND		ND		ND		ND		6.5 *2 <2/11>	ND		ND		ND		ND				ND		-	
The	Mn-54 (Approx. 310 days)	0.94	<1/8>	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		-	
	Sb-125 (Approx. 3 years)	74	<5/7>	ND		ND		ND		-	ND		1.6	<1/1>	ND		ND		ND		ND		-	
	Gross β	150,000	<2/12>	3,200	[12/5]	990	<4/30>	4,200	<4/9> <4/27>	1,700 ^{*2} <2/7>	240,000	[12/12]	1,400	[7/11]	180	[8/1]	2,500 ^{*2}	<5/7>	4,900	<4/30>	28	<4/30>	300	<4/2>
ł	H-3 (Approx. 12 years)	7,900	<4/9>	1,200	[11/24] [11/27]	1,100	<1/17>	1,700	<4/6>	*2 13,000 <2/7>	5,500	<5/7>	3,200	[H24. 12/12]	460	[8/1]	2,700	<4/23>	8,000	<5/7>	170	[9/18]	170	<1/8>
s	r-90(Approx. 29 years)	Under analysis		Under analysis		Under analysis		-		-	-		8.3	[2012/12/ 12]	4.4	[7/23]	Under analysis		-		ND		-	

• 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.

* Date of sampling is provided in parentheses. (): 2013, < >: 2014 * "*" is provided next to the name of the holes where the sampling could not be performed due to the chemical injection of ground improvement.

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

		side of Unit 5,6 ge channel		ont of Unit 6 take channel		t of shallow ∶quay	4 water in (north si	side of Unit 1- take channel ide of East all Break)	discharge front of im	nt of Unit 1 channel (in permeable all)	intake cha and Unit	en the water nnel of Unit 1 2 (surface yer)	intake char	en the water anel of Unit 1 (lower layer)		2 Screen Silt Fence)	intake char	en the water anel of Unit 2 Unit 3		3 Screen Silt Fence)	intake char	en the water Inel of Unit 3 Unit 4		: 4 Screen e Silt Fence)
Cs-134(Approx. 2 years)	1.8	[6/21]	2.8	[12/2]	5.3	[8/5]	32	[10/11]	11	<5/5>	87	[10/10]	93	[10/10]	370	[10/9]	52	[12/21]	350	[7/15]	28	[9/16]	62	[9/16]
Cs-137(Approx.30 years)	4.5	<3/17>	5.8	[12/2]	8.6	[8/5]	73	[10/11]	29	<5/5>	200	[10/10]	200	[10/10]	830	[10/9]	110	〔10/11〕 〔12/21〕	770	[7/15]	93	<4/28>	140	[9/16]
Gross β	17	<1/6>	46	[8/19]	40	[7/3]	320	[8/12]	140	<5/5>	1,600	<5/11>	540	<5/1>	1,700	[10/9]	490	<4/14>	1,000	[7/15]	450	<4/14>	360	[10/7]
H-3 (Approx. 12 years)	8.6	[6/26]	24	[8/19]	340	[6/26]	510	[9/2]	220	<5/5>	2,800	[12/8]	1,600	[9/1]	2,100	[10/28]	1,400	<4/14>	1,200	<4/14>	1,200	<4/14>	770	<4/14>
Sr-90 (Approx. 29 years)	4.7	[6/26]	-		7.2	[6/26]	220	[8/19]	-		480	[8/22]	290	[10/20]	430	[10/14]	340	[10/14]	130	[6/21]	190	[9/23]	140	[6/21]

Unit: Bg/L

	1F, South side of Unit 1- 4 water intake channel (In front of impermeable wall)		1F, Around the south discharge channel		1F, Port entrance		1F, East side in the port		t 1F, West side in the port		t 1F, North side in the port		t1F, South side in the por		North side of the north breakwater		Northeast side of the port entrance		East side of the south breakwater		Southeast side of the north breakwater		of the south water
Cs-134(Approx. 2 years)	15	<4/14>	ND		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)	39	<4/28>	3.0	[7/15]	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	380	<3/10>	15	<1/13>	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)	540	<4/14>	1.9	[11/25]	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]	ND	2.8	<4/23>
Sr-90 (Approx. 29 years)	-		0.29	[6/26]	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.

e] Standard values Unit: Bq/									
	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					

[Reference] Standard values

Unit: Bq/L