

# 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/	L (exclude chlorid
		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
	Date of sampling	/	/	/	/	/	/	/	/	/	Mar 20, 2014	/	/	/	
	Time of sampling	/	/	/	/	/	/	/	/	/	6:50 AM	/	/	/	
	Chloride (unit: ppm)	/	/	/	/	/	/	/	/	/	290	/	/	/	/
С	s-134 (Approx. 2 years)		/		/		/	/	/	/	6.5	/	/	/	/
С	s-137 (Approx.30 years)										17				/
									/						/
The															/
other y															
	Gross β										80				_/
	H-3 (Approx. 12 years)	/		/	/	/	/	/	/	/	340	/	/	/	/
S	r-90 (Approx. 29 years)	/	/	/	/	/	/	/	/	/	-	/	/	/	/
		Underground water observation hole No.1-17	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.3-4	Underground water observation hole No.3-5	
	Date of sampling	/	/	Mar 19, 2014	Mar 19, 2014	Mar 19, 2014		Mar 20, 2014	Mar 21, 2014	Mar 19, 2014	Mar 19, 2014	Mar 19, 2014	Mar 19, 2014	Mar 19, 2014	
	Time of sampling	/		9:35 AM	10:40 AM	9:06 AM	/	10:50 AM	9:50 AM	11:35 AM	10:56 AM	10:33 AM	10:58 AM	10:55 AM	
	Chloride (unit: ppm)			-	-	-		-	880	-	-	-	-	3,700	
С	s-134 (Approx. 2 years)			0.65	12	ND(0.46)		ND(0.44)	0.46	-	ND(0.53)	0.58	1.8	33	
С	s-137 (Approx.30 years)			1.8	32	1.0		ND(0.58)	1.6	-	0.87	2.0	5.0	87	
							/								
The		/	/												
other y			L /												
		/	L/				L /								
	Gross β	/	L/	320	530	1,000	/	2,000	460	3,400	98,000	ND(17)	ND(17)	37	
	H-3 (Approx. 12 years)	/	/	790	490	990	/	880	780	1,100	4,800	220	ND(110)	ND(110)	
S	r-90 (Approx. 29 years)	V	/	-	-	-	V	-	-	-	-	-	-	-	

\* Data announced this time is provided in a thick-frame. The other data was announced on March 20, 21 and 22.

\* "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.

\* The results obtained on in the observation hole No.2-8 are for a reference, since the water was highly turbid.

## 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
	Date of sampling	Mar 23, 2014	41,721	Mar 23, 2014	Mar 23, 2014	/	Mar 23, 2014	/	/	/ /	Mar 23, 2014	/	/	/	/
	Time of sampling	11:10 AM	10:27 AM	9:46 AM	10:07 AM	/	9:11 AM	/	/	/	6:55 AM	/	/	/	/
	Chloride (unit: ppm)	-	-	-	-	/	-	/	/	/	210	/	/	/	/
	Cs-134 (Approx. 2 years)	8.2	ND(0.45)	ND(0.44)	ND(0.37)	/	ND(0.50)	/	/		5.4	/	/	/	/
	Cs-137 (Approx.30 years)	22	ND(0.57)	ND(0.62)	0.56	/	ND(0.58)	/	/		13	/	/	/	/
						/		/	/			/	/	/	/
The	e					/		/	/			/	/		/
other	rγ					/			/						/
						/									/
	Gross β	150	ND(17)	ND(17)	ND(17)	/	ND(17)				75	/		/	/
	H-3 (Approx. 12 years)	Under analysis	Under analysis	Under analysis	Under analysis	/	Under analysis	/	/	/	Under analysis	/	/	/	/
	Sr-90 (Approx. 29 years)	-	-	-	-	/	-	/	/	/	-	/	/	/	/

		Underground water observation hole No.1-17	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.3-4	Underground water observation hole No.3-5
	Date of sampling	/	/	Mar 23, 2014	Mar 23, 2014	Mar 23, 2014	/	/	Mar 23, 2014	Mar 23, 2014	Mar 23, 2014	,	/ /	/
	Time of sampling	/	/	10:12 AM	11:17 AM	9:48 AM	/	/	10:35 AM	12:10 PM	10:00 AM	/	/	/
	Chloride (unit: ppm)	/	/	-	-	-	/	/	820	-	-	/	/	/
C	s-134 (Approx. 2 years)		/	ND(0.38)	12	ND(0.38)	/	/	0.55	ND(0.36)	ND(0.63)			/
Cs	s-137 (Approx.30 years)		/	0.52	29	1.30	/	/	1.3	ND(0.45)	0.75	/	/	/
		/	/				/	/				/	/	
The		/	/				/	/						
other $\boldsymbol{\gamma}$			/					/						
			/											
	Gross β		/	290	540	1,100	/	/	570	3,600*1	110,000			
ŀ	H-3 (Approx. 12 years)	/	/	Under analysis	Under analysis	Under analysis	/	/	Under analysis	Under analysis	Under analysis	/	/	/
Si	r-90 (Approx. 29 years)	/	/	-	-	-	/	/	-	-	-	/	/	/

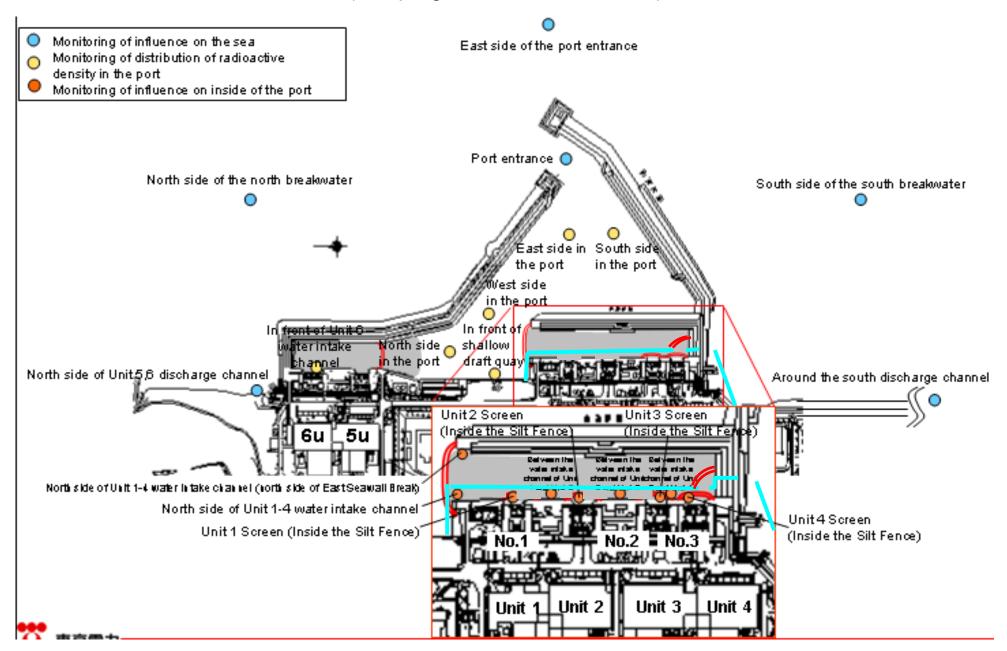
\* "ND" indicates that the measurement result is below the detection limit, and the detection limit of each nuclide is provided in parentheses.

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

\* The results obtained on in the observation hole No.2-8 are for a reference, since the water was highly turbid. (γ and Gross β will be measured after filtration. If filtration takes a long time, γ will not be measured.)

\*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

Unit: Ba/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	water intake channel of Unit 1	1F, Between the water intake channel of Unit 1 and Unit 2 (lower layer)	1F, Unit 2 Screen	1F, Between the water intake channel of Unit 2 and Unit 3	1F, Unit 3 Screen (Inside the Silt Fence)	1F, Between the water intake channel of Unit 3 and Unit 4	(Inside the Silt	Density Limit Specified by the Reactor Regulatio n *	Guideline s for drinking- water
Date of Sampling	/	/	/	Mar 20, 2014	/	/	Mar 20, 2014	Mar 20, 2014	/		/		/		
Time of sampling			/	6:44 AM			6:49 AM	6:49 AM			/		/		
Cs-134(Approx. 2 years)		/	/	10			11	5.3					/	60	10
Cs-137(Approx.30 years)		/		29	/	/	29	15						90	10
Gross β	/			330			240	76							
H-3 (Approx. 12 years)				860			610	180						60,000	10,000
Sr-90 (Approx. 29 years)	$\bigvee$	/	/	-	/		-	-	/	/	/	/	/	30	10

															Jnit: Bq/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	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	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		/	/		/	/	/		/	/	/		/		
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)	$\bigvee$	V	/	V	/	/	/	V	/	$\vee$	/	V	/	30	10

\* Data announced this time is provided in a thick-frame. The other data was announced on March 21.

\* "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/ctb Bq/L]).

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

Unit: Ba/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	water intake channel of Unit 1	1F, Between the water intake channel of Unit 1 and Unit 2 (lower layer)	1F, Unit 2 Screen	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)	Density Limit Specified by the Reactor Regulatio n *	drinking-
Date of Sampling	/	/	/	Mar 23, 2014	/	/	Mar 23, 2014	Mar 23, 2014	/		/		/		
Time of sampling				6:47 AM			6:51 AM	6:51 AM							
Cs-134(Approx. 2 years)		/		14			12	6.6					/	60	10
Cs-137(Approx.30 years)				41			30	22						90	10
Gross β				200			230	90					/		
H-3 (Approx. 12 years)				Under analysis			Under analysis	Under analysis						60,000	10,000
Sr-90 (Approx. 29 years)	V			-			-	-				V	/	30	10

	1F, South side of Unit 1-4 water intake channel (In front of impermeable wall)	1F, Around the south discharge channel		1F, East side in the port	1F, West side in the port	1F, North side in the port		North side of the north breakwater		East side of the port entrance	Southeast side of the port entrance	South side of the south breakwater		Density	drinking-
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)	$\vee$	V	/	$\bigvee$	V	/	/	/	/	/	/	V	/	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 Bqcb Bq/L]).

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

	r	-					-		-		-	1			_		0		C		6		6			Unit: Bo
		Groundwater observation hole No.0-1	observa	ndwater ation hole .0-1-1	observa	idwater ition hole 0-1-2	observa	idwater ition hole .0-2	observa	idwater ition hole 0-3-1	Groundwate observation he No.0-3-2		oundwa ervation No.0-4	n hole	Groun observat No	tion hole	Ground observat No.*	tion hole	observa	idwater ition hole .1-2 <sup>*</sup>		dwater tion hole 1-3 <sup>°</sup>	observa	idwater ition hole .1-4 <sup>°</sup>	observa	ndwater ation hol 0.1-5°
Cs	s-134 (Approx. 2 years)	9.8 *2 <3/9>	0.61	<3/2>	ND		0.61	[10/13]	0.44	[11/24]	0.82 <1/1	4> NE	)		13	[8/29]	1.9	[7/8]	11,000	[7/9]	10	[9/2]	1.5	[7/8]	310	[8/5
Cs	s-137 (Approx.30 years)	25 *2 <3/9>	1.5	<3/2>	0.51	[11/17]	2.2	<1/12>	0.86	[11/20]	2.1 <1/1	4> 1.4	<u>ا</u> <	<1/12>	31	[8/29]	3.6	[7/8]	22,000	[7/9]	24	[9/2]	3.6	[7/8]	650	[8/5
	Ru-106 (Approx. 370 days)	ND	ND		ND		ND		ND		ND	NE	)		26	[5/24]	7.9	[7/8]	160	[8/15]	17	[7/22] [8/8]	3.1	[8/8]	ND	
The	Mn-54 (Approx. 310 days)	ND	ND		ND		ND		ND		0.64 <2/2	)> NE	)		ND		1.0	[7/5]	62	[7/5]	ND		ND		ND	
other y	Co-60 (Approx. 5 years)	ND	ND		ND		ND		ND		ND	NE	)		0.50	[7/19]	ND		3.1	[7/8]	ND		ND		ND	
	Sb-125 (Approx. 3 years)	ND	ND		ND		ND		ND		ND	NE	)		1.7	[7/11]	ND		250	[7/15]	1.4	[7/12] [8/26]	ND		12	[8/8]
	Gross β	300 [8/22]	21	[12/7]	21	[11/10]	87	[10/13]	ND		67 <sup>*1</sup> [12/	1] 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
ŀ	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/	> 56,0	00 <	: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	[8/1
S	sr-90(Approx. 29 years)	140 [8/8]	Under analysis		Under analysis		0.73	[9/2]	Under analysis		Under analysis	Und			1,300	[8/22]	2,300	[6/28]	5,000,000	[7/5]	130,000	[8/8]	200	[7/8]	5,100	[8/2
			diidiysis		diidiysis				diidiysis		dildiysis	dildiy	515													Unit: E
		Groundwater observation hole No.1-6	observa	ndwater ation hole 5.1-8	observa	idwater ition hole .1-9	observa	dwater ition hole 1-10	observa	idwater ition hole 1-11	Groundwate observation he No.1-12	le obse	oundwa ervation No.1-1	n hole	Groun observat No. <sup>2</sup>	tion hole	Ground observat No.1	tion hole	observa	ndwater Ition hole 1-17	pumped the we (betwee	dwater up from Il point n Unit 1 d 2)	observa	idwater ition hole o.2	observa	ndwater ation ho 0.2-1°
Cs	s-134 (Approx. 2 years)	5,300 <3/20>	47	[11/25]	170	[9/3]	-		1.1	<1/13>	74 〔10/	1] 37,00	> 00	<2/13>	88 <sup>*2</sup>	<2/27>	3.1 <sup>*1</sup>	[12/13]	1.2	[12/5]	110	[9/23]	0.88	<2/26>	0.66	[9/1
Cs	s-137 (Approx.30 years)	13,000 <3/20>	110	[11/25]	380	[9/3]	-		2.8	<1/13>	170 [10/	1] 93,00	> 00	<2/13>	230 *2	<2/27>	4.7	<2/17>	1.5	<3/10>	250	[9/23]	2.5	<2/26>	1.1	[8/2 [9/1
	Ru-106 (Approx. 370 days)	ND	ND		ND		-		ND		5.4 [10/	8) NE	)		ND		9.2	[10/28]	4.1	[12/12]	25	[9/2]	ND		ND	
The	Mn-54 (Approx. 310 days)	320 <2/13> <2/17>	12	<2/3>	ND		-		ND		ND	NE	)		ND		ND		ND		5.9	<3/3>	ND		ND	
other y	Co-60 (Approx. 5 years)	830 <2/20>	1.3	<2/3>	ND		-		ND		0.51 [10/	4) NE	)		ND		0.9	[11/7]	0.61	[11/25]	ND		ND		ND	
	Sb-125 (Approx. 3 years)	ND	ND		ND		-		ND		61 [10/	1) NE	)		ND		11	[12/5]	2.1	[11/25]	ND		ND		ND	
	Gross β	760,000 <2/17>	59,000	<2/3>	2,100 *2		78 *2	<1/2/>	2,300	[12/26]	730 [10/	1] 260,0		<2/12> <2/13>	1,100	<3/20>	3,100,000	<1/20> <1/30> <2/3>	2,900	<3/20>	700,000	[9/23]	1,700	[7/8]	380	[7/2
ŀ	H-3 (Approx. 12 years)	-2 110,000 <2/6>	12,000	<1/6> <2/3>	*2 860	[11/14]	*2 270,000	<1/27>	85,000	[9/13]	440,000 [10/			<2/12>	23,000	<2/13>	43,000	[9/26]	32,000	<1/20>	460,000	[8/19]	1,000	<2/23>	440	[8/2
S	sr-90(Approx. 29 years)	-	1,300	[9/16]	170	[9/3]	-		17	[9/13]	Under analysis	Und analy			Under analysis		Under analysis		Under analysis		-		54	[5/31]	5.9	[7/2
															Groun	dwater								Unit: Bq/L	1	
		Groundwater observation hole No.2-2	observa	ndwater ation hole 5.2-3	observa	idwater ition hole .2-5	observa	dwater tion hole .2-6	observa	idwater ition hole .2-7	Groundwate observation he No.2-8		oundwa ervation No.2-9	n hole	pumped the we (betwee and	ll point n Unit 2	Ground observat No	tion hole	observa	idwater ition hole .3-1*		dwater tion hole .3-4	observa	idwater ition hole .3-5		
Cs	s-134 (Approx. 2 years)	15 <2/12>	2.2	<2/26>	25	<2/12>	17	<3/11>	3.5	<2/23>	-	-			1.2	<3/9>	3.5	[7/25]	1.2	[7/25] [8/8]	1.9	<1/8>	64	<1/15>		
Cs	s-137 (Approx.30 years)	38 <2/12>	5.5	<2/26>	62	<2/12>	50	<3/11>	9.0	<2/23>	-	0.5	8 <sup>*2</sup> <	<2/11>	3.1	<3/9>	5.9	[8/8]	2.6	[8/1]	5.2	<3/13>	170	<1/15>		
	Ru-106 (Approx. 370 days)	ND	ND		ND		ND		ND		-	6.5	*2 <	<2/11>	ND		ND		ND		ND		-			
The	Mn-54 (Approx. 310 days)	ND	0.29	[12/6]	0.94	<1/8>	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)	ND	ND		30	<2/12>	ND		ND		-	-			ND		1.6	<1/1>	ND		ND		-			
	Gross β	560 <3/12>	1,500	[12/6]	150,000	<2/12>	3,200	[12/5]	570	<3/12>	3,400 <sup>*2</sup> <3/1	9> 1,70	0 <sup>*2</sup> <	<2/7>	240,000	[12/12]	1,400	[7/11]	180	[8/1]	18	<3/12>	69	<1/29>		
								[11/24]				1	*2					[2012/12/							1	

[2012/12/

12]

4.4

[7/23]

ND

-

8.3

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

Sr-90(Approx. 29 years)

\*1 Analysis result of pumped water. \*2 The results are for a reference, since the water was highly turbid. ( $\gamma$  and Gross  $\beta$  were measured after filtration.)

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

Under

\* 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.

Under

Under

Under

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

																										Unit: Bq/L
		ide of Unit 5,6 ge channel		ont of Unit 6 take channel		nt of shallow ft quay		de of Unit 1-4 ike channel	water int (north s	side of Unit 1-4 take channel side of East all Break)		t 1 Screen e Silt Fence)	intake char	en the water nnel of Unit 1 surface layer	intake cha			2 Screen e Silt Fence)	intake cha	en the water nnel of Unit 2 Unit 3		3 Screen e Silt Fence)	intake cha	een the water nnel of Unit 3 Unit 4		t 4 Screen e Silt Fence)
Cs-134(Approx. 2 years)	1.8	[6/21]	2.8	[12/2]	5.3	[8/5]	89	[10/10]	32	[10/11]	73	[10/10]	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]	190	[10/10]	73	[10/11]	170	[10/10]	200	[10/10]	200	[10/10]	830	[10/9]	110	〔10/11〕 〔12/21〕	770	(7/15)	53	[12/16]	140	[9/16]
Gross β	17	<1/6>	46	[8/19]	40	[7/3]	1,400	[11/7]	320	[8/12]	740	[10/28]	1,200	[12/8]	450	(7/16)	1,700	[10/9]	480	[10/7]	1,000	(7/15)	390	[8/12]	360	[10/7]
H-3 (Approx. 12 years)	8.6	[6/26]	24	[8/19]	340	[6/26]	4,800	[11/7]	510	[9/2]	2,800	[10/28]	2,800	[12/8]	1,600	[9/1]	2,100	[10/28]	1,200	[10/7]	410	[9/2]	650	[8/12]	400	[8/12] [10/7]
Sr-90 (Approx. 29 years)	5.8	*1 (6/26)	-		7.4	*1 (6/26)	720	[9/22]	220	[8/19]	480	[10/14]	480	[8/22]	290	[10/20]	430	[10/14]	340	[10/14]	120	[9/23]	190	[9/23]	130	[9/23]

1F, South side of Unit 1 4 water intake channel 1F, Around the south North side of the north Northeast side of the East side of the south Southeast side of the South side of the south 1F, East side in the port 1F, West side in the port 1F, North side in the port 1F, South side in the port 1F, Port entrance (In front of impermeable discharge channel breakwater port entrance breakwater north breakwater breakwater wall) Cs-134(Approx. 2 years) 8.0 <3/10> 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 <3/10> Cs-137(Approx.30 years) 18 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 <3/17> Gross ß 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) 290 <3/17> 1.9 [11/25] 68 [8/19] 67 [8/19] 59 [8/19] 52 [8/19] 60 [8/19] 4.7 [8/14] ND 6.4 [10/8] ND ND \*1 Sr-90 (Approx. 29 years) 0.36 [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.

\*1 Since reanalysis is ongoing, the figures are just for a reference.

\* "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

ej 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