[Final] Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

	Fukusiiilia Nuclear Power Stations								
Place of sampling	Dai			MP-1 of Fukushima Daini (Reference)					
Date and time of sampling	11:30 ~	l, 2011 ~ 11∶50	June 4, 2011 June 4, 2011 8:57 ~ 9:05 15:39 ~ 15:48			engaged in tasks associated with			
Detected nuclide (half-life)	①Radioactivity density (Bq/cm ³)	Scaling factor (①/②)	①Radioactivity density (Bq/cm ³)	Scaling factor (1)/2)	①Radioactivity density (Bq/cm³)	Scaling factor (1)/2)	radiation (Bq/cm³) *		
I-131 (about 8 days)	6. 3E-06	0. 01	ND	-	ND	-	1E-03		
Cs-134 (about 2 years)	9. 2E-06	0.00	6. 7E-06	0.00	5. 0E-05	0. 03	2E-03		
Cs-137 (about 30 years)	7. 1E-06	0.00	8. 0E-06	0.00	4. 8E-05	0. 02	3E-03		
Nb-95 (about 35 days)	ND	_	ND	_	ND	-	2E-02		
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	7E-01		
Ag-110m (about 250 days)	ND	-	ND	ı	ND	-	3E-03		
Te-129 (about 70 minutes)	ND	_	ND	ı	ND	1	4E-01		
Te-129m (about 34 days)	ND	_	ND	_	ND	_	4E-03		
I-132 (about 2 hours)	ND	-	ND	1	ND	1	7E-02		
Te-132 (about 3 days)	ND	_	ND	ı	ND	1	4E-03		
I-133 (about 21 hours)	ND	_	ND	_	ND	_	5E-03		
Cs-136 (about 13 days)	ND		ND		ND		1E-02		
Ba-140 (about 13 days)	ND	_	ND	_	ND	_	1E-02		
La-140 (about 2 days)	ND	_	ND	_	ND	-	1E-02		

[※] Radioactivety density is sum total of volatile and particulate.

[%] O.OE-O means O.O×10^{-O}

[※] In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".

[Final] Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

	Power Stations								
Place of sampling	Dai		MP-1	of Fukushima	Daini (Refere	ence)	②Density limit in the air to workers		
Date and time of sampling		5, 2011 ~ 11:50		5, 2011 ~ 9:09			engaged in tasks associated with		
Detected nuclide (half-life)	①Radioactivity density (Bq/cm³)	Scaling factor (1)/2)	①Radioactivity density (Bq/cm³)	Scaling factor (1)/2)	①Radioactivity density (Bq/cm³)	Scaling factor (1)/2)	radiation (Bq/cm ³) *		
I-131 (about 8 days)	3. 2E-06	0.00	ND	-	ND	-	1E-03		
Cs-134 (about 2 years)	2. 0E-05	0. 01	4. 9E-05	0. 02	1. 2E-05	0. 01	2E-03		
Cs-137 (about 30 years)	2. 2E-05	0. 01	5. 1E-05	0. 02	1. 3E-05	0.00	3E-03		
Nb-95 (about 35 days)	ND	_	ND	_	ND	_	2E-02		
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	7E-01		
Ag-110m (about 250 days)	ND	ı	ND	1	ND	-	3E-03		
Te-129 (about 70 minutes)	ND	_	ND	_	ND	_	4E-01		
Te-129m (about 34 days)	ND	-	ND	-	ND	-	4E-03		
I-132 (about 2 hours)	ND	-	ND	-	ND	_	7E-02		
Te-132 (about 3 days)	ND	ı	ND	ı	ND	ı	4E-03		
I-133 (about 21 hours)	ND	ı	ND	ı	ND	ı	5E-03		
Cs-136 (about 13 days)	ND	_	ND	_	ND	_	1E-02		
Ba-140 (about 13 days)	ND	_	ND	_	ND	_	1E-02		
La-140 (about 2 days)	ND	_	ND	_	ND		1E-02		

[※] Radioactivety density is sum total of volatile and particulate.

[※] O.OE−O means O.O×10^{-O}

[※] In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

[※] When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".

[Final] Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

	Power Stations									
Place of sampling	West gate o Dai	f Fukushima ichi	MP-1	MP-1 of Fukushima Daini (Reference)						
Date and time of sampling	11:30 ~	, 2011 ~ 11:50	9:01 -	5, 2011 ~ 9∶10	June 6, 2011 15∶10 ~ 15∶20		engaged in tasks associated with			
Detected nuclide (half-life)	①Radioactivity density (Bg/cm ³)	Scaling factor (1)/2)	①Radioactivity density (Ba/cm ³)	Scaling factor (1)/2)	①Radioactivity density (Bg/cm ³)	Scaling factor (1/2)	radiation (Bq/cm ³) *			
I-131 (about 8 days)	2. 9E-06	0.00	ND	_	ND	1	1E-03			
Cs-134 (about 2 years)	2. 6E-05	0. 01	3. 8E-05	0. 02	2. 9E-05	0. 01	2E-03			
Cs-137 (about 30 years)	2. 6E-05	0. 01	3. 1E-05	0. 01	3. 1E-05	0. 01	3E-03			
Nb-95 (about 35 days)	ND	_	ND	_	ND	_	2E-02			
Tc-99m (about 6 hours)	ND	_	ND	_	ND	-	7E-01			
Ag-110m (about 250 days)	ND	_	ND	_	ND	_	3E-03			
Te-129 (about 70 minutes)	ND	1	ND	-	ND	1	4E-01			
Te-129m (about 34 days)	ND	1	ND	_	ND	1	4E-03			
I-132 (about 2 hours)	ND	1	ND	-	ND	1	7E-02			
Te-132 (about 3 days)	ND	1	ND	_	ND	1	4E-03			
I-133 (about 21 hours)	ND	1	ND	_	ND	1	5E-03			
Cs-136 (about 13 days)	ND		ND	_	ND	_	1E-02			
Ba-140 (about 13 days)	ND	-	ND	_	ND	_	1E-02			
La-140 (about 2 days)	ND	_	ND	_	ND	_	1E-02			

[※] Radioactivety density is sum total of volatile and particulate.

[※] O.OE−O means O.O×10^{-O}

[※] In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".

[Final] Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of	West gate o		@ -				
sampling	Dai	ichi	MP-1	of Fukushima	Daini (Refere	ence)	②Density limit in the air to workers
Date and time of sampling	11:30 ~	, 2011 ~ 11:50	9:14 ~	, 2011 ~ 9:28	June 7 15:22 -	, 2011 ~ 15:36	engaged in tasks associated with
Detected nuclide (half-life)	①Radioactivity density (Bg/cm ³)	Scaling factor (1)/2)	①Radioactivity density (Bg/cm ³)	Scaling factor (①/②)	①Radioactivity density (Bg/cm ³)	Scaling factor (1)/2)	radiation (Bq/cm ³) *
I-131 (about 8 days)	2. 0E-06	0.00	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	2. 6E-05	0. 01	3. 0E-05	0. 02	3. 0E-05	0. 02	2E-03
Cs-137 (about 30 years)	2. 4E-05	0. 01	2. 7E-05	0. 01	2. 4E-05	0. 01	3E-03
Nb-95 (about 35 days)	ND	1	ND	ı	ND	1	2E-02
Tc-99m (about 6 hours)	ND	ı	ND	1	ND	1	7E-01
Ag-110m (about 250 days)	ND	1	ND	ı	ND	1	3E-03
Te-129 (about 70 minutes)	ND	ı	ND	ı	4. 8E-05	0.00	4E-01
Te-129m (about 34 days)	ND	1	ND	ı	ND	1	4E-03
I-132 (about 2 hours)	ND	1	ND	ı	ND	1	7E-02
Te-132 (about 3 days)	ND	1	ND	ı	ND	1	4E-03
I-133 (about 21 hours)	ND	_	ND	_	ND	_	5E-03
Cs-136 (about 13 days)	ND	_	ND	_	ND	_	1E-02
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	1E-02
La-140 (about 2 days)	ND	_	ND	_	ND	_	1E-02

[※] Radioactivety density is sum total of volatile and particulate.

[※] O.OE−O means O.O×10^{-O}

[※] In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".

[Final] Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

	Power Stations									
Place of sampling	West gate o Dai	f Fukushima ichi	MP-1	of Fukushima	Daini (Refere	ence)	②Density limit in the air to workers			
Date and time of sampling	11:30 ~	, 2011 ~ 11:50	June 8, 2011 June 8, 2011 9:07 ~ 9:17 14:56 ~ 15:06		engaged in tasks associated with					
Detected nuclide (half-life)	①Radioactivity density (Bg/cm ³)	Scaling factor (1)/2)	①Radioactivity density (Ba/cm ³)	Scaling factor (1)/2)	①Radioactivity density (Ba/cm ³)	Scaling factor (1/2)	radiation (Bq/cm ³) *			
I-131 (about 8 days)	ND	-	ND	1	ND	-	1E-03			
Cs-134 (about 2 years)	3. 6E-05	0. 02	9. 0E-06	0.00	3. 8E-05	0. 02	2E-03			
Cs-137 (about 30 years)	3. 0E-05	0. 01	9. 8E-06	0.00	3. 9E-05	0. 01	3E-03			
Nb-95 (about 35 days)	ND	1	ND	ı	ND	1	2E-02			
Tc-99m (about 6 hours)	ND	1	ND	1	ND	1	7E-01			
Ag-110m (about 250 days)	ND	1	ND	ı	ND	1	3E-03			
Te-129 (about 70 minutes)	ND	ı	ND	ı	ND	ı	4E-01			
Te-129m (about 34 days)	ND	1	ND	ı	ND	1	4E-03			
I-132 (about 2 hours)	ND	1	ND	ı	ND	1	7E-02			
Te-132 (about 3 days)	ND	ı	ND	ı	ND	ı	4E-03			
I-133 (about 21 hours)	ND	1	ND	ı	ND	1	5E-03			
Cs-136 (about 13 days)	ND		ND	_	ND	_	1E-02			
Ba-140 (about 13 days)	ND	-	ND	_	ND	_	1E-02			
La-140 (about 2 days)	ND	_	ND	_	ND	_	1E-02			

[※] Radioactivety density is sum total of volatile and particulate.

[※] O.OE−O means O.O×10^{-O}

[※] In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".

[Final] Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling	West gate o Dai	f Fukushima ichi		of Fukushima	Daini (Refere	ence)	②Density limit in the air to workers
Date and time of sampling	11:30 ~	, 2011 ~ 11:50	9:10 -	, 2011 ~ 9:20	June 9 15:33 ~		engaged in tasks associated with
Detected nuclide (half-life)	①Radioactivity density (Bg/cm ³)	Scaling factor (1)/2)	①Radioactivity density (Bg/cm ³)	Scaling factor (1)/2)	①Radioactivity density (Bg/cm ³)	Scaling factor (1)/2)	radiation (Bq/cm ³) *
I-131 (about 8 days)	ND	ı	ND	ı	ND	ı	1E-03
Cs-134 (about 2 years)	1. 8E-05	0. 01	7. 4E-06	0.00	4. 6E-05	0. 02	2E-03
Cs-137 (about 30 years)	2. 3E-05	0. 01	1. 4E-05	0.00	4. 5E-05	0. 02	3E-03
Nb-95 (about 35 days)	ND	1	ND	ı	ND	1	2E-02
Tc-99m (about 6 hours)	ND	ı	ND	1	ND	1	7E-01
Ag-110m (about 250 days)	ND	_	ND	_	ND	_	3E-03
Te-129 (about 70 minutes)	ND	1	ND	ı	ND	1	4E-01
Te-129m (about 34 days)	ND	ı	ND	1	ND	1	4E-03
I-132 (about 2 hours)	ND	ı	ND	ı	ND	-	7E-02
Te-132 (about 3 days)	ND	-	ND	-	ND	-	4E-03
I-133 (about 21 hours)	ND	ı	ND	1	ND	1	5E-03
Cs-136 (about 13 days)	ND	-	ND	-	ND	_	1E-02
Ba-140 (about 13 days)	ND	-	ND	-	ND	_	1E-02
La-140 (about 2 days)	ND	-	ND	-	ND	_	1E-02

[※] Radioactivety density is sum total of volatile and particulate.

[※] O.OE−O means O.O×10^{-O}

[※] In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".

[Final] Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling	West gate o Dai			of Fukushima	Daini (Refere	ence)	②Density limit in the air to workers
Date and time of sampling	June 10 11:30 ~		9:08 -	0, 2011 ~ 9∶18	June 10, 2011 15:20 ~ 15:30		engaged in tasks associated with
Detected nuclide (half-life)	①Radioactivity density (Bg/cm ³)	Scaling factor (1)/2)	①Radioactivity density (Bg/cm ³)	Scaling factor (1)/2)	①Radioactivity density (Bg/cm ³)	Scaling factor (1)/2)	radiation (Bq/cm ³) *
I-131 (about 8 days)	ND	Ι	ND	Ι	ND	I	1E-03
Cs-134 (about 2 years)	1. 7E-05	0. 01	1. 8E-05	0. 01	3. 2E-05	0. 02	2E-03
Cs-137 (about 30 years)	1. 8E-05	0. 01	1. 9E-05	0. 01	3. 4E-05	0. 01	3E-03
Nb-95 (about 35 days)	ND	-	ND	-	ND	_	2E-02
Tc-99m (about 6 hours)	ND	_	ND	_	ND	_	7E-01
Ag-110m (about 250 days)	ND	_	ND	-	2. 7E-06	0. 00	3E-03
Te-129 (about 70 minutes)	ND	-	ND	-	ND	_	4E-01
Te-129m (about 34 days)	ND	ı	ND	-	ND	-	4E-03
I-132 (about 2 hours)	ND	1	ND	1	ND	ı	7E-02
Te-132 (about 3 days)	ND	Π	ND	-	ND	П	4E-03
I-133 (about 21 hours)	ND	1	ND	1	ND	ı	5E-03
Cs-136 (about 13 days)	ND	_	ND	_	ND	_	1E-02
Ba-140 (about 13 days)	ND	_	ND	_	ND	_	1E-02
La-140 (about 2 days)	ND	-	ND	-	ND	_	1E-02

[※] Radioactivety density is sum total of volatile and particulate.

[※] O.OE−O means O.O×10^{-O}

[※] In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".

[Final] Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

			FOWE	r Stations			
Place of sampling	West gate o Dai	f Fukushima ichi	MP-1	of Fukushima	Daini (Refere	ence)	②Density limit in the air to workers
Date and time of sampling		1, 2011 ~ 11:50		1, 2011 ~ 9:19	June 11 15:48 ~	I, 2011 ~ 15∶58	engaged in tasks associated with
Detected nuclide (half-life)	①Radioactivity density (Bq/cm ³)	Scaling factor (1)/2)	①Radioactivity density (Bq/cm ³)	Scaling factor (1)/2)	①Radioactivity density (Bq/cm ³)	Scaling factor (1)/2)	radiation (Bq/cm³) *
I-131 (about 8 days)	2. 2E-06	0.00	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	2. 4E-05	0. 01	3. 4E-05	0. 02	3. 1E-05	0. 02	2E-03
Cs-137 (about 30 years)	2. 4E-05	0. 01	3. 6E-05	0. 01	2. 8E-05	0. 01	3E-03
Nb-95 (about 35 days)	ND	-	ND	-	ND	-	2E-02
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	7E-01
Ag-110m (about 250 days)	ND	ı	ND	ı	ND	-	3E-03
Te-129 (about 70 minutes)	ND	_	ND	_	ND	_	4E-01
Te-129m (about 34 days)	ND	-	ND	-	ND	-	4E-03
I-132 (about 2 hours)	ND	ı	ND	ı	ND	1	7E-02
Te-132 (about 3 days)	ND	ı	ND	ı	ND	-	4E-03
I-133 (about 21 hours)	ND	1	ND	1	ND	1	5E-03
Cs-136 (about 13 days)	ND	_	ND	_	ND	_	1E-02
Ba-140 (about 13 days)	ND	_	ND	_	ND	_	1E-02
La-140 (about 2 days)	ND	_	ND	_	ND	_	1E-02

[※] Radioactivety density is sum total of volatile and particulate.

[※] O.OE−O means O.O×10^{-O}

[※] In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

[※] When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".

[Final] Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

			FOWE	r Stations			
Place of sampling	West gate o Dai	f Fukushima ichi	MP-1	of Fukushima	Daini (Refere	ence)	②Density limit in the air to workers
Date and time of sampling		2, 2011 ~ 11:50	June 12, 2011 June 12, 2011 9:15 ~ 9:2 15:26 ~ 15:36		engaged in tasks associated with		
Detected nuclide (half-life)	①Radioactivity density (Bq/cm ³)	Scaling factor (①/②)	①Radioactivity density (Bq/cm ³)	Scaling factor (1)/2)	①Radioactivity density (Bq/cm ³)	Scaling factor (1)/2)	radiation (Bq/cm³) *
I-131 (about 8 days)	6. 2E-06	0. 01	ND	-	ND	1	1E-03
Cs-134 (about 2 years)	1. 0E-05	0. 01	5. 6E-06	0.00	ND	1	2E-03
Cs-137 (about 30 years)	4. 0E-06	0.00	ND	-	5. 6E-06	0.00	3E-03
Nb-95 (about 35 days)	ND	-	ND	1	ND	1	2E-02
Tc-99m (about 6 hours)	ND	-	ND	1	ND	1	7E-01
Ag-110m (about 250 days)	ND	_	ND	1	ND	ı	3E-03
Te-129 (about 70 minutes)	ND	_	ND	ı	ND	ı	4E-01
Te-129m (about 34 days)	ND	_	ND	1	ND	1	4E-03
I-132 (about 2 hours)	ND	_	ND	1	ND	ı	7E-02
Te-132 (about 3 days)	ND	_	ND	ı	ND	ı	4E-03
I-133 (about 21 hours)	ND	_	ND	ı	ND	1	5E-03
Cs-136 (about 13 days)	ND	_	ND	_	ND	_	1E-02
Ba-140 (about 13 days)	ND	_	ND	_	ND	_	1E-02
La-140 (about 2 days)	ND	_	ND	_	ND	_	1E-02

[※] Radioactivety density is sum total of volatile and particulate.

[※] O.OE−O means O.O×10^{-O}

[※] In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

[※] When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".

[Final] Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

			FOWE	r Stations			
Place of sampling	West gate o Dai	f Fukushima ichi	MP-1	of Fukushima	Daini (Refere	ence)	②Density limit in the air to workers
Date and time of sampling	11:30 ~	3, 2011 ~ 11:50	June 13, 2011 June 13, 2011 9:09 ~ 9:19 15:41 ~ 15:51		engaged in tasks associated with		
Detected nuclide (half-life)	①Radioactivity density (Bq/cm ³)	Scaling factor (①/②)	①Radioactivity density (Bq/cm³)	Scaling factor (1)/2)	①Radioactivity density (Bq/cm ³)	Scaling factor (1)/2)	radiation (Bq/cm³) *
I-131 (about 8 days)	ND	_	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	6. 9E-06	0.00	1. 5E-05	0. 01	1. 5E-05	0. 01	2E-03
Cs-137 (about 30 years)	1. 7E-06	0.00	1. 5E-05	0. 01	1. 5E-05	0. 01	3E-03
Nb-95 (about 35 days)	ND	_	ND	_	ND	-	2E-02
Tc-99m (about 6 hours)	ND	_	ND	-	ND	-	7E-01
Ag-110m (about 250 days)	ND	_	ND	1	ND	1	3E-03
Te-129 (about 70 minutes)	ND	_	ND	1	ND	1	4E-01
Te-129m (about 34 days)	ND	_	ND	_	ND	_	4E-03
I-132 (about 2 hours)	ND	-	ND	1	ND	1	7E-02
Te-132 (about 3 days)	ND	_	ND	1	ND	1	4E-03
I-133 (about 21 hours)	ND	_	ND	_	ND	_	5E-03
Cs-136 (about 13 days)	ND		ND	_	ND		1E-02
Ba-140 (about 13 days)	ND	_	ND	_	ND	_	1E-02
La-140 (about 2 days)	ND	_	ND	_	ND	_	1E-02

[※] Radioactivety density is sum total of volatile and particulate.

[%] O.OE-O means O.O×10^{-O}

[※] In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".

[Final] Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

_			rowe	r Stations			
Place of sampling	West gate o Dai	f Fukushima ichi	MP-1	of Fukushima	Daini (Refere	ence)	②Density limit in the
Date and time of sampling		4, 2011 ~ 11∶50		4, 2011 ~ 9∶24	June 14 15:01 ~		air to workers engaged in tasks associated with
Detected nuclide (half-life)	①Radioactivity density (Bq/cm³)	Scaling factor (1)/2)	①Radioactivity density (Bq/cm³)	Scaling factor (①/②)	①Radioactivity density (Bq/cm³)	Scaling factor (1)/2)	radiation (Bq/cm³) *
I-131 (about 8 days)	ND	Π	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	3. 4E-06	0. 00	5. 5E-06	0.00	4. 7E-06	0.00	2E-03
Cs-137 (about 30 years)	3. 8E-06	0. 00	4. 5E-06	0.00	7. 3E-06	0.00	3E-03
Nb-95 (about 35 days)	ND	_	ND	_	ND	_	2E-02
Tc-99m (about 6 hours)	ND	Π	ND	-	ND	-	7E-01
Ag-110m (about 250 days)	ND	1	ND	1	ND	1	3E-03
Te-129 (about 70 minutes)	ND	1	ND	ı	ND	1	4E-01
Te-129m (about 34 days)	ND	ı	ND	ı	ND	ı	4E-03
I-132 (about 2 hours)	ND	1	ND	ı	ND	1	7E-02
Te-132 (about 3 days)	ND	1	ND	ı	ND	1	4E-03
I-133 (about 21 hours)	ND	_	ND	_	ND	_	5E-03
Cs-136 (about 13 days)	ND	_	ND	_	ND	_	1E-02
Ba-140 (about 13 days)	ND	_	ND	_	ND	-	1E-02
La-140 (about 2 days)	ND	_	ND	_	ND	_	1E-02

[※] Radioactivety density is sum total of volatile and particulate.

[※] O.OE−O means O.O×10^{-O}

[※] In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".

[Final] Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

			rowe	r Stations			
Place of sampling	West gate o Dai	f Fukushima ichi	MP-1	of Fukushima	Daini (Refere	ence)	②Density limit in the air to workers
Date and time of sampling	11:30 ~	5, 2011 ~ 11:50	9:12 ~	June 15, 2011 June 15, 2011 9:12 ~ 9:22 15:21 ~ 15:32		engaged in tasks associated with	
Detected nuclide (half-life)	①Radioactivity density (Bq/cm ³)	Scaling factor (1)/2)	①Radioactivity density (Bq/cm ³)	Scaling factor (1)/2)	①Radioactivity density (Bq/cm ³)	Scaling factor (1)/2)	radiation (Bq/cm ³) *
I-131 (about 8 days)	ND	_	ND	-	ND	_	1E-03
Cs-134 (about 2 years)	9. 7E-06	0. 00	4. 8E-06	0.00	7. 4E-06	0.00	2E-03
Cs-137 (about 30 years)	8. 3E-06	0.00	4. 5E-06	0.00	8. 9E-06	0.00	3E-03
Nb-95 (about 35 days)	ND	-	ND	_	ND	-	2E-02
Tc-99m (about 6 hours)	ND	1	ND	1	ND	1	7E-01
Ag-110m (about 250 days)	ND	1	ND	1	ND	1	3E-03
Te-129 (about 70 minutes)	ND	1	ND	1	ND	1	4E-01
Te-129m (about 34 days)	ND	-	ND	1	ND	-	4E-03
I-132 (about 2 hours)	ND	1	ND	1	ND	1	7E-02
Te-132 (about 3 days)	ND	1	ND	1	ND	1	4E-03
I-133 (about 21 hours)	ND	-	ND	1	ND	-	5E-03
Cs-136 (about 13 days)	ND	_	ND	_	ND	_	1E-02
Ba-140 (about 13 days)	ND	-	ND	_	ND	_	1E-02
La-140 (about 2 days)	ND	_	ND	_	ND	_	1E-02

[※] Radioactivety density is sum total of volatile and particulate.

[%] O.OE-O means O.O×10^{-O}

[※] In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".

[Final] Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

			r Owe	r Stations			1
Place of sampling	Dai		MP-1	of Fukushima	Daini (Refere		②Density limit in the air to workers
Date and time of sampling		6, 2011 ~ 11:50	June 16 9:07 ~	6, 2011 ~ 9∶17	June 16 15÷24 ~		engaged in tasks associated with
Detected nuclide (half-life)	①Radioactivity density (Bq/cm³)	Scaling factor (①/②)	①Radioactivity density (Bq/cm³)	Scaling factor (1)/2)	①Radioactivity density (Bq/cm³)	Scaling factor (1)/2)	radiation (Bq/cm³) *
I-131 (about 8 days)	1. 8E-06	0.00	ND	1	ND	1	1E-03
Cs-134 (about 2 years)	4. 0E-06	0.00	1. 6E-05	0. 01	6. 7E-06	0.00	2E-03
Cs-137 (about 30 years)	5. 7E-06	0.00	2. 0E-05	0. 01	5. 0E-06	0.00	3E-03
Nb-95 (about 35 days)	ND	-	ND	-	ND	_	2E-02
Tc-99m (about 6 hours)	ND	ı	ND	1	ND	-	7E-01
Ag-110m (about 250 days)	ND	_	ND	_	ND	_	3E-03
Te-129 (about 70 minutes)	ND	-	ND	-	ND	_	4E-01
Te-129m (about 34 days)	ND	ı	ND	-	ND	-	4E-03
I-132 (about 2 hours)	ND	ı	ND	1	ND		7E-02
Te-132 (about 3 days)	ND	ı	ND	ı	ND	ı	4E-03
I-133 (about 21 hours)	ND	ı	ND	ı	ND	ı	5E-03
Cs-136 (about 13 days)	ND	_	ND	_	ND	_	1E-02
Ba-140 (about 13 days)	ND	_	ND	_	ND	_	1E-02
La-140 (about 2 days)	ND	_	ND	_	ND	_	1E-02

[※] Radioactivety density is sum total of volatile and particulate.

[※] O.OE−O means O.O×10^{-O}

[※] In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".

[Final] Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

	1		F OWE	Stations			1
Place of sampling	Dai		MP-1	of Fukushima	Daini (Refere		②Density limit in the air to workers
Date and time of sampling	June 11 11:30 ~	7, 2011 ~ 11∶50		7, 2011 ~ 9∶18	June 1: 15:47 ~		engaged in tasks associated with
Detected nuclide (half-life)	①Radioactivity density (Bq/cm³)	Scaling factor (1)/2)	①Radioactivity density (Bq/cm³)	Scaling factor (①/②)	①Radioactivity density (Bq/cm³)	Scaling factor (①/②)	radiation (Bq/cm³)*
I-131 (about 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	2. 8E-06	0.00	1. 1E-05	0. 01	4. 7E-06	0.00	2E-03
Cs-137 (about 30 years)	3. 0E-06	0.00	8. 2E-06	0.00	ND	-	3E-03
Nb-95 (about 35 days)	ND	1	ND	1	ND	1	2E-02
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	7E-01
Ag-110m (about 250 days)	ND	ı	ND	ı	ND	ı	3E-03
Te-129 (about 70 minutes)	ND	ı	ND	ı	ND	ı	4E-01
Te-129m (about 34 days)	ND	-	ND	-	ND	-	4E-03
I-132 (about 2 hours)	ND	ı	ND	ı	ND	ı	7E-02
Te-132 (about 3 days)	ND	-	ND	1	ND	-	4E-03
I-133 (about 21 hours)	ND	-	ND	1	ND	-	5E-03
Cs-136 (about 13 days)	ND	_	ND	_	ND	_	1E-02
Ba-140 (about 13 days)	ND	_	ND	_	ND	_	1E-02
La-140 (about 2 days)	ND	_	ND	_	ND	_	1E-02

[※] Radioactivety density is sum total of volatile and particulate.

[※] O.OE−O means O.O×10^{-O}

[※] In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".

Place of Sampling	(approx. 30m		hannel of 5-6u of -6u discharge cha	annel)	(appox. 330n	n south of	narge Channel of 1-4u Discharge C	Channel)	Around North D Channel of (Around 3,4u E Channel (approx. 10 k	2F Discharge Discharge	Around Iwasawa 2F (appox. 7 km 1,2u Discharge (appox. 16 km	south of Channel) from 1F)	② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit
Time and Date of Sample Collection	9∶20 June 4, 20	011	2:00pm June 4, 20		9:00am June 4, 20		1:40pm June 4, 2	011	9:30am June 4, 20	011	8∶05am June 4, 2		in the water outside of surrounding
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	_	ND	-	ND	_	ND	_	ND	-	40
Cs-134 (about 2 years)	33	0. 55	110	1.8	26	0. 43	73	1. 2	ND	_	ND	-	60
Cs-137 (about 30 years)	29	0. 32	120	1.3	33	0. 37	76	0. 84	18	0. 20	20	0. 22	90
Mo-99 (about 66 hours)	ND	-	ND	_	ND	-	ND		ND		ND	-	40, 000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40, 000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	1	ND	-	ND	-	300
le-129 (about 70 minutes)	ND	-	ND	-	ND	1	ND	-	ND	_	ND	-	10, 000
Te-132 (about 3 days)	ND	-	ND	-	ND	1	ND	-	ND	_	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3, 000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	_	ND	-	ND	-	ND	-	400

X Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

[※] In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.
However, detection limits differs depending on the detectors and samples types, therefore might be detection

Place of Sampling	(approx. 30m	n north of 5	hannel of 5-6u of -6u discharge ch	annel)	(appox. 330n	n south of	narge Channel of 1-4u Discharge C	Channel)	Around North D Channel of (Around 3,4u E Channel (approx. 10 k	2F Discharge Discharge	Around Iwasawa 2F (appox. 7 km 1,2u Discharge (appox. 16 km	south of Channel) from 1F)	② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit
Time and Date of Sample Collection	9∶10am June 5, 20		1:55pm June 5, 20	011	8:45am June 5, 20		1:35pm June 5, 2	011	9:30am June 5, 20	011	7:45am June 5, 2		in the water outside of surrounding
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	_	40
Cs-134 (about 2 years)	31	0. 52	33	0. 55	35	0. 58	41	0. 68	13	0. 22	10	0. 17	60
Cs-137 (about 30 years)	33	0. 37	40	0. 44	40	0. 44	41	0. 46	10	0. 11	13	0. 14	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND		ND	-	ND	-	40, 000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	_	40, 000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	1	ND	-	ND	ı	300
le-129 (about 70 minutes)	ND	-	ND	-	ND	1	ND	-	ND	-	ND	_	10, 000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3, 000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	_	ND	_	ND	-	ND	-	ND	_	400

X Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

[💥] In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.
However, detection limits differs depending on the detectors and samples types, therefore might be detection

[Final] Results of Nuclide Analysis of Seawater < 0 ffshore 1/4 >

Place of Sampling	15 km offsh MinamiSoum Upper lay	na City	15 km offsh MinamiSoun Lower la	na City	15 km offsh Ukedo-ga Upper la	awa	15 km offsh Ukedo-ga Lower la	awa	15 km offsh Fukushima I Upper la	Daiichi	15 km offsh Fukushima I Lower la	Daiichi	② Density limit by the announcement of Reactor Regulation
Time and Date of Sample Collection	8∶50ar June 5, 2		8∶50ar June 5, <i>1</i>		8∶20ar June 5, <i>1</i>		8∶20ar June 5, <i>1</i>		8∶45aı June 5, <i>1</i>		8∶45ai June 5, ∶		(Bq/L) (the density limit in the water outside
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	ı	ND	ı	ND	ı	ND	-	ND	_	ND	-	40
Cs-134 (about 2 years)	13	0. 22	11	0. 18	13	0. 22	9. 1	0. 15	ND	ı	ND	-	60
Cs-137 (about 30 years)	14	0. 16	11	0. 12	14	0. 16	11	0. 12	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	_	ND	_	ND	_	ND	-	ND	_	ND	-	40, 000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40, 000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10, 000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3, 000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	_	ND	-	ND	-	ND	-	ND	-	ND	-	400

X Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

[💥] In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.
However, detection limits differs depending on the detectors and samples types, therefore might be detection

[Final] Results of Nuclide Analysis of Seawater < 0ffshore 2/4>

Place of Sampling	15 km offsh Fukushima Upper la	Daini yer	15 km offsh Fukushima Lower lay	Daini yer	15 km offshore o Shore Upper la	yer	15 km offshore o Shore Lower lay	yer	machi Upper la	yer	15 km offshore machi Lower la	yer	② Density limit by the announcement of Reactor Regulation
Time and Date of Sample Collection	9∶20ar June 5, 2		9∶20ar June 5, 2		10 : 10a June 5, <i>1</i>		10 : 10a June 5, <i>1</i>		10÷50a June 5, 2		10 : 50a June 5,		(Bq/L) (the density limit in the water outside
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	ı	ND	I	ND	ı	ND	_	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	ı	ND	ı	12	0. 20	6. 3	0. 11	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	1	ND	-	8. 2	0. 09	11	0. 12	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	_	ND	-	ND	-	ND	-	ND	_	ND	-	40, 000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40, 000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10, 000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3, 000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

X Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

X In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.
However, detection limits differs depending on the detectors and samples types, therefore might be detection

[Final] Results of Nuclide Analysis of Seawater < 0ffshore 3/4>

Place of Sampling	3km offsho Haramachi di Upper la	strict yer	3km offshoi Haramachi di Lower lay	strict yer	3km offshore o distric Upper la 9:40ar	t yer	3km offshore o distric Lower lay 9:40ar	t yer	3km offshore o coast Upper la	yer	3km offshore o coast Lower la	yer	② Density limit by the announcement of Reactor Regulation (Bq/L)
Time and Date of Sample Collection	9∶25ar June 5, 2		9∶25ar June 5, 2		9.40ar June 5, 2		9.40ar June 5, 2		7 : 20aı June 5, 2		7 : 20aı June 5, 2		(the density limit in the water outside
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	ı	ND	-	ND	ı	ND	-	40
Cs-134 (about 2 years)	ND	ı	ND	ı	ND	ı	ND	-	12	0. 20	8. 0	0. 13	60
Cs-137 (about 30 years)	ND	1	ND	ı	ND	-	ND	-	19	0. 21	9. 1	0. 10	90
Mo-99 (about 66 hours)	ND	_	ND	_	ND	_	ND	_	ND	-	ND	-	40, 000
Tc-99m (about 6 hours)	ND	ı	ND	ı	ND	ı	ND	-	ND	ı	ND	-	40, 000
Te-129m (about 34 days)	ND	ı	ND	ı	ND	I	ND	-	ND	I	ND	-	300
Te-129 (about 70 minutes)	ND	1	ND	ı	ND	-	ND	-	ND	-	ND	-	10, 000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3, 000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	_	ND	-	ND	-	ND	-	ND	-	400

X Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

[💥] In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.
However, detection limits differs depending on the detectors and samples types, therefore might be detection

[Final] Results of Nuclide Analysis of Seawater < 0ffshore 4/4>

Place of Sampling	8km offshore distric Upper la	ot yer	8km offshore distric Lower la	ot yer	8km offshore o coast Upper la	yer	8km offshore o coast Lower la	yer					② Density limit by the announcement of Reactor Regulation
Time and Date of Sample Collection	10 : 00a June 5, 2		10∶00a June 5, <i>1</i>		7∶45ar June 5, <i>1</i>		7∶45aı June 5, <i>1</i>						(Bq/L) (the density limit in the water outside
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm3)	Scaling Factor (1)/2)	①Density of Sample (Bq/cm3)	Scaling Factor (1)/2)	①Density of Sample (Bq/cm3)	Scaling Factor (1)/2)	of surrounding monitored areas in the section 6 of the appendix 2)						
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-					40
Cs-134 (about 2 years)	ND	-	ND	-	8. 6	0. 14	9. 5	0. 16					60
Cs-137 (about 30 years)	17	0. 19	ND	-	10	0. 11	11	0. 12					90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-					40, 000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	_	ND	-					40, 000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-					300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-					10, 000
Te-132 (about 3 days)	ND	-	ND	-	ND	_	ND	-					200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-					3, 000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-					300
Ba-140 (about 13 days)	ND	-	ND	-	ND	_	ND	_					300
La-140 (about 2 days)	ND	-	ND	-	ND	_	ND	-					400

X Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

[💥] In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.
However, detection limits differs depending on the detectors and samples types, therefore might be detection

Place of Sampling	(approx. 30m	n north of 5	hannel of 5-6u of -6u discharge ch	annel)	(appox. 330n	n south of	narge Channel of 1-4u Discharge C	Channel)	Around North D Channel of (Around 3,4u E Channel (approx. 10 k	2F Discharge Discharge	Around Iwasawa 2F (appox. 7 km 1,2u Discharge (appox. 16 km	south of Channel) from 1F)	② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit
Time and Date of Sample Collection	9:05am June 6, 20		1:25pm June 6, 20	011	8:55am June 6, 2		1:10pm June 6, 2	011	9:20am June 6, 20	011	7:55am June 6, 2		in the water outside of surrounding
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	_	ND	-	ND	-	ND	_	ND	-	ND	-	40
Cs-134 (about 2 years)	19	0. 32	12	0. 20	39	0. 65	20	0. 33	ND	-	ND	-	60
Cs-137 (about 30 years)	23	0. 26	17	0. 19	36	0. 40	42	0. 47	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	1	ND	-	ND	-	40, 000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	1	ND	-	ND	-	40, 000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
le-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10, 000
Te-132 (about 3 days)	ND	-	ND	-	ND	_	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3, 000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	_	ND	_	ND	-	ND	-	ND	-	400

X Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

[💥] In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.
However, detection limits differs depending on the detectors and samples types, therefore might be detection

[Final] Results of Nuclide Analysis of Seawater < 0 ffshore 1/4 >

Place of Sampling Time and Date of	15 km offsh MinamiSoum Upper lay 8 : 40ar	na City yer	15 km offsh MinamiSoum Lower lay 8:40ar	na City yer	15 km offsh Ukedo-ga Upper la 8 : 20ar	awa yer 11	15 km offsh Ukedo-ga Lower la 8 : 20al	awa yer m	15 km offsh Fukushima I Upper la 9:20a	Daiichi yer n	15 km offsh Fukushima I Lower lay 9:20ar	Daiichi yer 11	② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit
Detected Nuclides (Half-life)	June 6, 2 ①Density of Sample (Bq/L)	Scaling Factor (①/②)	June 6, 2 ①Density of Sample (Bq/L)	Scaling Factor (1)/2)	June 6, 2 ①Density of Sample (Bq/L)	Scaling Factor (1)/2)	June 6, 2 ①Density of Sample (Bq/L)	Scaling Factor (①/②)	June 6, 2 ①Density of Sample (Bq/L)	Scaling Factor (1)/2)	June 6, 2 ①Density of Sample (Bq/L)	Scaling Factor (1)/2)	in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	ı	ND	-	ND	-	ND	ı	ND	ı	40
Cs-134 (about 2 years)	ND	-	ND	1	ND	-	ND	-	5. 0	0.08	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	_	ND	-	ND	_	ND	-	ND	-	ND	-	40, 000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40, 000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	1	ND	-	ND	-	ND	-	ND	-	10, 000
Te-132 (about 3 days)	ND	-	ND	1	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3, 000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	ı	ND	-	ND	-	ND	ı	ND	ı	400

X Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

[💥] In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.
However, detection limits differs depending on the detectors and samples types, therefore might be detection

[Final] Results of Nuclide Analysis of Seawater < 0ffshore 2/4>

Place of Sampling	15 km offsh Fukushima Upper lay	Daini yer	15 km offsh Fukushima Lower la	Daini yer	15 km offshore o Shore Upper la	yer	15 km offshore o Shore Lower la	yer	machi Upper la	yer	15 km offshore machi Lower la	yer	② Density limit by the announcement of Reactor Regulation
Time and Date of Sample Collection	7∶30ar June 6, 2		7∶30ar June 6, 2		8∶15ar June 6, 2		8:15ar June 6, <i>1</i>		7 : 40ar June 6, 2		7 : 40ai June 6, :		(Bq/L) (the density limit in the water outside
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	ı	ND	-	ND	ı	ND	_	ND	-	ND	-	40
Cs-134 (about 2 years)	6. 2	0. 10	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	_	ND	-	ND	-	ND	-	ND	-	40, 000
Tc-99m (about 6 hours)	ND	Ī	ND	-	ND	ı	ND	-	ND	-	ND	-	40, 000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10, 000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	_	ND	-	ND	-	ND	-	ND	-	ND	-	3, 000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	_	ND	-	ND	-	ND	-	ND	-	ND	-	400

X Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

[💥] In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.
However, detection limits differs depending on the detectors and samples types, therefore might be detection

[Final] Results of Nuclide Analysis of Seawater < 0ffshore 3/4>

Place of Sampling	North Iwaki Offs Upper La		North Iwaki Offs Lower La		Natsui-gawa Offs Upper La		Natsui-gawa Offs Lower La		Onahama Port Of Upper La		Onahama Port Of Lower La		② Density limit by the announcement of Reactor Regulation
Time and Date of Sample Collection	6∶00ar June 6, 2		6∶00ar June 6, 2		5∶40ar June 6, 2		5∶40ar June 6, 2		Out of s	cope	Out of so	cope	(Bq/L) (the density limit in the water outside
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	of surrounding monitored areas in the section 6 of the appendix 2)										
I-131 (about 8 days)	ND	ı	ND	ı	ND	ı	ND	_					40
Cs-134 (about 2 years)	ND	ı	ND	ı	5. 2	0. 09	ND	-					60
Cs-137 (about 30 years)	ND	1	ND	1	4. 4	0. 05	4. 9	0. 05					90
Mo-99 (about 66 hours)	ND	_	ND	_	ND	-	ND	-					40, 000
Tc-99m (about 6 hours)	ND	ı	ND	ı	ND	ı	ND	-					40, 000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	_					300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-					10, 000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	_					200
I-132 (about 2 hours)	ND	_	ND	_	ND	-	ND	-					3, 000
Cs-136 (about 13 days)	ND	ı	ND	ı	ND	ı	ND	-					300
Ba-140 (about 13 days)	ND	ı	ND	ı	ND	ı	ND	_					300
La-140 (about 2 days)	ND	ı	ND	ı	ND	ı	ND	_					400

X Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

X In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.
However, detection limits differs depending on the detectors and samples types, therefore might be detection

[Final] Results of Nuclide Analysis of Seawater < 0ffshore 4/4>

Place of Sampling	Ena Offshor Upper La		Ena Offshor Lower La		Numanouchi Off Upper La		Numanouchi Off Lower La		Toyoma Offsh Upper La		Toyoma Offsh Lower La		② Density limit by the announcement of Reactor Regulation
Time and Date of Sample Collection	Out of s	cope	Out of so	cope	5∶30ar June 6, <i>1</i>		5∶30ai June 6, 2		5∶15ar June 6, 2		5∶15aı June 6, 2		(Bq/L) (the density limit
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	of surrounding monitored areas in the section 6 of the appendix 2)										
I-131 (about 8 days)					ND	_	ND	-	ND	ı	ND	_	40
Cs-134 (about 2 years)					ND	-	ND	-	ND	ı	ND	-	60
Cs-137 (about 30 years)					ND	ı	ND	-	ND	ı	ND	ı	90
Mo-99 (about 66 hours)					ND	ı	ND	-	ND	ı	ND	ı	40, 000
Tc-99m (about 6 hours)					ND	-	ND	-	ND	-	ND	-	40, 000
Te-129m (about 34 days)					ND	-	ND	-	ND	ı	ND	-	300
Te-129 (about 70 minutes)					ND	ı	ND	-	ND	ı	ND	ı	10, 000
Te-132 (about 3 days)					ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)					ND	-	ND	-	ND	-	ND	-	3, 000
Cs-136 (about 13 days)					ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)					ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)					ND	-	ND	-	ND	-	ND	-	400

X Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

X In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.
However, detection limits differs depending on the detectors and samples types, therefore might be detection

Place of Sampling	(approx. 30m		hannel of 5-6u of -6u discharge ch	annel)	(appox. 330n	n south of	narge Channel of 1-4u Discharge C	channel)	Around North D Channel of (Around 3,4u E Channel (approx. 10 k	2F Discharge	Around Iwasawa 2F (appox. 7 km 1,2u Discharge (appox. 16 km	south of Channel) from 1F)	② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit
Time and Date of Sample Collection	9:30am June 7, 20	011	2:05pm June 7, 20	011	9:15am June 7, 20		1:50pm June 7, 2	011	9:30am June 7, 20)11	7∶50am June 7, 2		in the water outside of surrounding
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	1	ND	-	40
Cs-134 (about 2 years)	30	0. 50	25	0. 42	16	0. 27	23	0. 38	ND	1	9. 4	0. 16	60
Cs-137 (about 30 years)	34	0. 38	ND	-	18	0. 20	32	0. 36	ND	1	7. 2	0. 08	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND		ND	-	ND	-	40, 000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40, 000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
le-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	1	ND	-	10, 000
Te-132 (about 3 days)	ND	-	ND	-	ND	1	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3, 000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	ı	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	_	ND	_	ND	-	ND	ı	ND	-	300
La-140 (about 2 days)	ND	-	ND	_	ND	_	ND	-	ND	-	ND	-	400

X Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

[💥] In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.
However, detection limits differs depending on the detectors and samples types, therefore might be detection

[Final] Results of Nuclide Analysis of Seawater < 0ffshore 1/6>

Place of Sampling Time and Date of Sample Collection	3 km offsho Haramach Upper la 10:05a June 7, 2	ni-ku ver m	3 km offsho Haramacl Lower la 10:05a June 7, 2	ni-ku ver m	3 km offsh Odaka- Upper la 9:50ar June 7, 2	ku ver 11	3 km offsh Odaka- L ower la 9:50ar June 7, 2	ku aver m	3 km offsh Iwasawa S Upper la 7:55ar June 7, 2	Shore ver 11	3 km offsho Iwasawa S I ower la 7:55ar June 7, 2	Shore ver 11	② Density limit by the announcement of Reactor Regulation (Bq/L)
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	(the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	ı	ND	ı	ND	ı	ND	-	ND	ı	ND	ı	40
Cs-134 (about 2 years)	ND	ı	ND	ı	ND	ı	ND	-	11	0. 18	8. 0	0. 13	60
Cs-137 (about 30 years)	ND	1	ND	1	ND	-	ND	-	6. 5	0. 07	7. 3	0. 08	90
Mo-99 (about 66 hours)	ND	_	ND	_	ND	-	ND	-	ND	-	ND	-	40, 000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40, 000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10, 000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	_	ND	_	ND	-	ND	-	ND	-	ND	-	3, 000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	ı	ND	ı	ND	ı	ND	-	ND	ı	ND	ı	400

X Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

[💥] In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.
However, detection limits differs depending on the detectors and samples types, therefore might be detection

[Final] Results of Nuclide Analysis of Seawater < 0ffshore 2/6>

Place of Sampling	8 km offshi Odaka- Upper la	ku ver	8 km offshi Odaka- L ower la	ku ver	8 km offsh Iwasawa S Upper la	Shore ver	8 km offsh Iwasawa S Lower la	Shore over					② Density limit by the announcement of Reactor Regulation
Time and Date of Sample Collection	9∶30ar June 7, 2		9∶30ar June 7, 2		8∶15ar June 7, <i>1</i>		8∶15ar June 7, <i>1</i>						(Bq/L) (the density limit in the
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	_	ND	_	ND	-	ND	_					40
Cs-134 (about 2 years)	ND	ı	ND	ı	4. 3	0. 07	ND	-					60
Cs-137 (about 30 years)	ND	-	ND	ı	ND	-	ND	-					90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-					40, 000
Tc-99m (about 6 hours)	ND	-	ND	ı	ND	ı	ND	-					40, 000
Te-129m (about 34 days)	ND	-	ND	1	ND	-	ND	-					300
Te-129 (about 70 minutes)	ND	ı	74	0. 01	ND	1	ND	-					10, 000
Te-132 (about 3 days)	ND	-	ND	ı	ND	-	ND	-					200
I-132 (about 2 hours)	ND	-	ND	ı	ND	-	ND	-					3, 000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-					300
Ba-140 (about 13 days)	ND	-	ND	ı	ND	ı	ND	-					300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-					400

X Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

X In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.
However, detection limits differs depending on the detectors and samples types, therefore might be detection

[Final] Results of Nuclide Analysis of Seawater < 0ffshore 3/6>

Place of Sampling Time and Date of	North Iwaki C 3km Upper La	aver	North Iwaki C 3km Lower La	aver	Natsui-gawa (3km Upper La	aver	3km Lower La	aver	Onahama Port 3km Unner La 6:00ar	aver	Onahama Port 3km Lower La 6:00ar	aver	announcement of Reactor Regulation
Sample Collection	Out of s	cope	Out of so	cope	Out of so	cope	Out of s	cope	June 7, 2		June 7, 2		(Bq/L) (the density limit in the
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)									ND	-	ND	-	40
Cs-134 (about 2 years)									ND	-	ND	-	60
Cs-137 (about 30 years)									ND	-	ND	-	90
Mo-99 (about 66 hours)									ND	-	ND	-	40, 000
Tc-99m (about 6 hours)									ND	-	ND	-	40, 000
Te-129m (about 34 days)									ND	-	ND	-	300
Te-129 (about 70 minutes)									ND	-	ND	-	10, 000
Te-132 (about 3 days)									ND	-	ND	-	200
I-132 (about 2 hours)									ND	-	ND	ı	3, 000
Cs-136 (about 13 days)									ND	-	ND	-	300
Ba-140 (about 13 days)									ND	ı	ND	ı	300
La-140 (about 2 days)									ND	-	ND	-	400

X Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

[※] In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.
However, detection limits differs depending on the detectors and samples types, therefore might be detection

[Final] Results of Nuclide Analysis of Seawater < 0ffshore 4/6>

Place of Sampling	Ena Offshor Upper La		Ena Offshor Lower La		Numanouchi 3km Upper La		Numanouchi 3km Lower La		Toyoma Offsh Upper La		Toyoma Offsh Lower La		② Density limit by the announcement of Reactor Regulation
Time and Date of Sample Collection	6∶20ar June 7, 2		6∶20ar June 7, 2		Out of so	cope	Out of s	cope	Out of s	cope	Out of s	cope	(Bq/L) (the density limit in the
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	water outside of surrounding monitored areas in the section 6 of the appendix 2)										
I-131 (about 8 days)	ND	ı	ND	-									40
Cs-134 (about 2 years)	6.8	0. 11	6. 5	0. 11									60
Cs-137 (about 30 years)	7. 1	0. 08	ND	-									90
Mo-99 (about 66 hours)	ND	-	ND	-									40, 000
Tc-99m (about 6 hours)	ND	ı	ND	-									40, 000
Te-129m (about 34 days)	ND	ı	ND	-									300
Te-129 (about 70 minutes)	ND	ı	ND	-									10, 000
Te-132 (about 3 days)	ND	-	ND	-									200
I-132 (about 2 hours)	ND	-	ND	-									3, 000
Cs-136 (about 13 days)	ND	_	ND	-									300
Ba-140 (about 13 days)	ND	-	ND	-									300
La-140 (about 2 days)	ND	_	ND	-									400

X Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

X In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.
However, detection limits differs depending on the detectors and samples types, therefore might be detection

[Final] Results of Nuclide Analysis of Seawater < 0ffshore 5/6>

Place of Sampling	30 km offsh MinamiSour Upper la 7:15ar	na City ver	30 km offsh MinamiSour Middle la 7:15ar	na City over	30 km offsh MinamiSour I ower la 7:15ar	na City ver	30 km offsh Ukedo-ga Upper la 6:45ar	awa	30 km offsh Ukedo-g Middle la 6:45a	awa aver	30 km offst Ukedo-g Lower la 6:45a	awa aver	② Density limit by the announcement of Reactor Regulation
Sample Collection	June 7, 2		June 7, 2		June 7, 2		June 7, 2		June 7, 2		June 7,		(Bq/L) (the density limit in the
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	ı	ND	ı	ND	ı	ND	-	ND	ı	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	ı	ND	-	60
Cs-137 (about 30 years)	ND	ı	ND	ı	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40, 000
Tc-99m (about 6 hours)	ND	ı	ND	ı	ND	ı	ND	-	ND	ı	ND	-	40, 000
Te-129m (about 34 days)	ND	ı	ND	ı	ND	ı	ND	-	ND	ı	ND	-	300
Te-129 (about 70 minutes)	ND	I	ND	I	ND	1	ND	-	ND	I	ND	-	10, 000
Te-132 (about 3 days)	ND	ı	ND	ı	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3, 000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	ı	ND	ı	ND	ı	ND	-	ND	ı	ND	-	400

X Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

[💥] In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.
However, detection limits differs depending on the detectors and samples types, therefore might be detection

[Final] Results of Nuclide Analysis of Seawater < 0ffshore 6/6>

Place of Sampling Time and Date of Sample Collection	5 km offsho Souma (Upper la 5:55ar June 7, 2	City ver n	5 km offsho Souma (Lower la 5:55ar June 7, 2	City ver n	5 km offshi Kashim Upper la 6:10ar June 7, 2	na Iver II	5 km offshi Kashim Lower la 6:10ar June 7, 2	na aver m	3 km offsh Souma (Upper la 5:40ar June 7, 2	City over 11	3 km offsh Souma (Lower la 5:40a June 7, 2	City over 11	② Density limit by the announcement of Reactor Regulation (Bq/L)
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	(the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	ı	ND	ı	ND	ı	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	ı	ND	ı	ND	I	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	1	ND	1	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	_	ND	_	ND	-	ND	-	ND	_	ND	_	40, 000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40, 000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10, 000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	_	ND	_	ND	-	ND	-	ND	-	ND	-	3, 000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	ı	ND	ı	ND	ı	ND	-	ND	_	ND	_	400

X Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

X In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.
However, detection limits differs depending on the detectors and samples types, therefore might be detection

Place of Sampling		•	hannel of 5-6u of -6u discharge cha				narge Channel of 1-4u Discharge C		Around North D Channel of (Around 3,4u E Channel (approx. 10 k	2F Discharge	Around Iwasawa 2F (appox. 7 km 1,2u Discharge (appox. 16 km)	south of Channel)	② Density limit by the announcement of Reactor Regulation (Bq/L)
Time and Date of Sample Collection	9:05am June 8, 20		1:55pm June 8, 20		8:50am June 8, 20		1:40pm June 8, 2	011	8:30am June 8, 20	011	8∶00am June 8, 20		(the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	_	ND	_	ND	-	ND	ı	ND	_	40
Cs-134 (about 2 years)	24	0. 40	ND	_	20	0. 33	29	0. 48	6. 0	0. 10	ND	_	60
Cs-137 (about 30 years)	33	0. 37	ND	-	25	0. 28	34	0. 38	5. 8	0. 06	ND	_	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	1	ND	_	40, 000
Tc-99m (about 6 hours)	ND	-	ND	_	ND	_	ND	-	ND	1	ND	_	40, 000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	ı	ND	_	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	1	ND	_	10, 000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	1	ND	_	200
I-132 (about 2 hours)	ND	-	ND	_	ND	-	ND	-	ND	ı	ND	_	3, 000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	1	ND	_	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	1	ND	_	300
La-140 (about 2 days)	ND	-	ND	_	ND	_	ND	-	ND	ı	ND	_	400

^{*} Density by the announcement of Reactor Regulation is stated with an amount converted from Bg/cm3 to Bg/L

[💥] In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.
However, detection limits differs depending on the detectors and samples types, therefore might be detection

[Final] Results of Nuclide Analysis of Seawater < 0ffshore 1/2>

Place of Sampling	15 km offsh MinamiSoun Upper lay	na City	15 km offsh MinamiSoun Lower la	na City	15 km offsh Ukedo-ga Upper la	awa	15 km offsh Ukedo-ga Lower la	awa	15 km offsh Fukushima I Upper la	Daiichi	15 km offsh Fukushima l Lower la	Daiichi	② Density limit by the announcement of Reactor Regulation
Time and Date of Sample Collection	10∶00a June 8, 2		10∶00a June 8, 2		9∶40ar June 8, 2		9∶40aı June 8, 2		9∶05ai June 8, <i>1</i>		9∶05ai June 8, ∶		(Bq/L) (the density limit in the
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	ı	ND	ı	ND	ı	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	I	ND	I	ND	1	ND	-	ND	ı	4. 5	0. 08	60
Cs-137 (about 30 years)	ND	-	ND	1	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	_	ND	-	ND	-	ND	_	ND	-	40, 000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40, 000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10, 000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	_	ND	-	ND	-	ND	-	ND	-	3, 000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	_	ND	-	ND	-	ND	-	ND	-	400

X Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

[💥] In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.
However, detection limits differs depending on the detectors and samples types, therefore might be detection

[Final] Results of Nuclide Analysis of Seawater < 0ffshore 2/2>

Place of Sampling	15 km offsh Fukushima Upper la	Daini	15 km offsh Fukushima Lower la	Daini	15 km offshore o Shore Upper la		15 km offshore o Shore Lower la		15 km offshore machi Upper la		15 km offshore machi Lower la		② Density limit by the announcement of Reactor Regulation
Time and Date of Sample Collection	8∶30ar June 8, 2		8∶30ar June 8, <i>1</i>		7∶50ar June 8, <i>1</i>		7∶50ar June 8, <i>1</i>		7 : 15aı June 8, <i>1</i>		7∶15aı June 8, <i>1</i>		(Bq/L) (the density limit in the
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	ı	ND	ı	ND	ı	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	I	ND	1	ND	1	4. 6	0. 08	7. 6	0. 13	4. 3	0. 07	60
Cs-137 (about 30 years)	ND	1	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40, 000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40, 000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10, 000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	_	ND	-	ND	-	ND	-	ND	-	ND	-	3, 000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	_	ND	-	ND	-	ND	-	ND	-	ND	-	400

X Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

[💥] In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.
However, detection limits differs depending on the detectors and samples types, therefore might be detection

Place of Sampling	(approx. 30m	n north of 5	hannel of 5-6u of -6u discharge ch	annel)	(appox. 330n	n south of	narge Channel of 1-4u Discharge C	channel)	Around North D Channel of (Around 3,4u E Channel (approx. 10 k	2F Discharge) m from	Around Iwasawa 2F (appox. 7 km 1,2u Discharge (appox. 16 km	south of Channel) from 1F)	② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit
Time and Date of Sample Collection	8∶25am June 9, 20		1:40pm June 9, 20	011	9:10am June 9, 20		1:25pm June 9, 2	011	8:20am June 9, 20	011	7:55am June 9, 2		in the water outside of surrounding
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	_	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	37	0. 62	37	0. 62	33	0. 55	28	0. 47	16	0. 27	14	0. 23	60
Cs-137 (about 30 years)	19	0. 21	33	0. 37	28	0. 31	28	0. 31	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40, 000
Tc-99m (about 6 hours)	ND	-	ND	_	ND	-	ND	-	ND	ı	ND	-	40, 000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
le-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10, 000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3, 000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	_	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	_	ND	_	ND	-	ND	-	ND	-	400

X Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

[💥] In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.
However, detection limits differs depending on the detectors and samples types, therefore might be detection

[Final] Results of Nuclide Analysis of Seawater < 0 ffshore 1/4 >

Place of Sampling	3 km offsho Haramach Upper la 8:45ar	ni-ku ver	3 km offsho Haramach Lower la 8:45ar	ni-ku ver	3 km offsh Odaka- Upper la 9:00ar	ku ver	3 km offsh Odaka- I ower la 9:00ar	ku ver	3 km offshi Iwasawa S Upper la 7:55ar	Shore over	3 km offsh Iwasawa S I ower la 7:55a	Shore over	② Density limit by the announcement of Reactor Regulation
Sample Collection	June 9, 2		June 9, 2		June 9, 2		June 9, 2		June 9, 2		June 9,		(Bq/L) (the density limit in the
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	ı	ND	ı	ND	ı	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	ı	ND	ı	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40, 000
Tc-99m (about 6 hours)	ND	Ī	ND	Ī	ND	ı	ND	-	ND	-	ND	-	40, 000
Te-129m (about 34 days)	ND	ı	ND	ı	ND	ı	ND	-	ND	ı	ND	-	300
Te-129 (about 70 minutes)	ND	I	ND	I	ND	1	ND	-	ND	ı	ND	ı	10, 000
Te-132 (about 3 days)	ND	ı	ND	ı	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3, 000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	ı	ND	ı	ND	ı	ND	-	ND	_	ND	_	400

X Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

[💥] In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.
However, detection limits differs depending on the detectors and samples types, therefore might be detection

[Final] Results of Nuclide Analysis of Seawater < 0ffshore 2/4>

Place of Sampling	8 km offsh Odaka- Upper la	ku ver	8 km offsh Odaka- L ower la	ku iver	8 km offsh Iwasawa S Upper la	Shore ver	8 km offsh Iwasawa S Lower la	Shore over					② Density limit by the announcement of Reactor Regulation
Time and Date of Sample Collection	9∶15ar June 9, <i>1</i>		9∶15ar June 9, <i>1</i>		8∶20ar June 9, 2		8 : 20ai June 9, <i>:</i>						(Bq/L) (the density limit in the
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	_	ND	-	ND	-	ND	_					40
Cs-134 (about 2 years)	ND	ı	ND	-	ND	1	ND	-					60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-					90
Mo-99 (about 66 hours)	ND	-	ND	_	ND	-	ND	-					40, 000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-					40, 000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-					300
Te-129 (about 70 minutes)	ND	ı	ND	ı	ND	1	ND	-					10, 000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-					200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-					3, 000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-					300
Ba-140 (about 13 days)	ND	-	ND	_	ND	ı	ND	-					300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-					400

X Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

X In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.
However, detection limits differs depending on the detectors and samples types, therefore might be detection

[Final] Results of Nuclide Analysis of Seawater < 0ffshore 3/4>

Place of Sampling Time and Date of Sample Collection	North Iwaki C 3km Upper La 6:15ar June 9, 2	aver n	North Iwaki C 3km Lower La 6:15ar June 9, 2	aver n	Natsui-gawa (3km Unner La 5:55ar June 9, 2	aver 11	Natsui-gawa (3km Lower La 5:55ai June 9, 2	aver 11	Onahama Port 3km Unner La 6:00ar June 9, 2	aver 11	Onanama Port 3km Lower La 6:00ar June 9, 2	aver 11	② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	water outside of surrounding monitored areas in the section 6 of the appendix 2)						
I-131 (about 8 days)	ND	ı	ND	ı	ND	ı	ND	-	ND	ı	ND	ı	40
Cs-134 (about 2 years)	ND	I	ND	I	5. 5	0. 09	ND	ı	ND	I	ND	İ	60
Cs-137 (about 30 years)	ND	-	ND	-	7. 3	0. 08	5. 4	0. 06	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	_	ND	_	ND	-	ND	_	ND	-	ND	-	40, 000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40, 000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	62	0. 01	10, 000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	_	ND	_	ND	-	ND	-	ND	-	ND	-	3, 000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	ı	ND	ı	ND	ı	ND	_	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

X Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

[💥] In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.
However, detection limits differs depending on the detectors and samples types, therefore might be detection

[Final] Results of Nuclide Analysis of Seawater < 0ffshore 4/4 >

Place of Sampling	Ena Offshor Upper La	ayer	Ena Offshor Lower La	ayer	Numanouchi 3km Upper La	aver	Numanouchi 3km Lower La	aver	Toyoma Offsh Upper La	ayer	Toyoma Offsh Lower La	ayer	② Density limit by the announcement of Reactor Regulation
Time and Date of Sample Collection	6∶20ar June 9, 2		6∶20ar June 9, 2		5∶40ar June 9, 2		5∶40ar June 9, 2		5∶25ar June 9, 2		5∶25ar June 9, 2		(Bq/L) (the density limit in the
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	water outside of surrounding monitored areas in the section 6 of the appendix 2)										
I-131 (about 8 days)	ND	-	40										
Cs-134 (about 2 years)	ND	ı	ND	ı	ND	-	12	0. 20	ND	ı	ND	-	60
Cs-137 (about 30 years)	ND	1	ND	1	ND	-	11	0. 12	ND	1	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	_	ND	-	40, 000
Tc-99m (about 6 hours)	ND	Ī	ND	Ī	ND	-	ND	-	ND	Ī	ND	-	40, 000
Te-129m (about 34 days)	ND	-	300										
Te-129 (about 70 minutes)	ND	-	10, 000										
Te-132 (about 3 days)	ND	-	200										
I-132 (about 2 hours)	ND	-	3, 000										
Cs-136 (about 13 days)	ND	-	300										
Ba-140 (about 13 days)	ND	ı	ND	ı	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	ı	ND	ı	ND	-	ND	-	ND	i	ND	-	400

X Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

[💥] In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.
However, detection limits differs depending on the detectors and samples types, therefore might be detection

Place of Sampling	(approx. 30m	n north of 5	hannel of 5-6u of -6u discharge ch	annel)	(appox. 330n	n south of	narge Channel of 1-4u Discharge C	Channel)	Around North D Channel of (Around 3,4u E Channel (approx. 10 k	: 2F Discharge Discharge	Around Iwasawa 2F (appox. 7 km 1,2u Discharge (appox. 16 km	south of Channel) from 1F)	② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit
Time and Date of Sample Collection	9∶20am June 10, 2		1:30pm June 10, 2	011	9:00am June 10, 2		1:50pm June 10, 2	2011	7:50am June 10, 2		7:55am June 10, 2		in the water outside of surrounding
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	_	ND	_	40
Cs-134 (about 2 years)	24	0. 40	38	0. 63	35	0. 58	30	0. 50	ND	-	16	0. 27	60
Cs-137 (about 30 years)	22	0. 24	35	0. 39	31	0. 34	34	0. 38	ND	_	ND	_	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	1	ND	-	ND	-	40, 000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	1	ND	-	ND	_	40, 000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
le-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10, 000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3, 000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	_	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	_	ND	-	ND	-	ND	_	400

X Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

[💥] In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.
However, detection limits differs depending on the detectors and samples types, therefore might be detection

[Final] Results of Nuclide Analysis of Seawater < 0 ffshore 1/4 >

Place of Sampling Time and Date of Sample Collection	15 km offsr MinamiSour Upper la June 10, Sampling suspend	ma City ver 2011 was	15 km offsr MinamiSour I ower la June 10, Samp I ing suspend	na City Ver 2011 was	15 km offsr Ukedo-ga Upper la June 10, Sampling suspend	awa 1701 2011 was	15 km offsr Ukedo-gi Lower la June 10, Sampling suspend	awa over 2011 was	15 km offsh Fukushima Upper la 9:10ar June 10,	Daiichi ver 11	15 km offsr Fukushima Lower la 9:10ar June 10,	Daiichi ver 11	② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)									ND	ı	ND	ı	40
Cs-134 (about 2 years)									ND	ı	ND	ı	60
Cs-137 (about 30 years)									ND	ı	ND	ı	90
Mo-99 (about 66 hours)									ND	-	ND	-	40, 000
Tc-99m (about 6 hours)									ND	-	ND	-	40, 000
Te-129m (about 34 days)									ND	-	ND	-	300
Te-129 (about 70 minutes)									ND	-	ND	-	10, 000
Te-132 (about 3 days)									ND	-	ND	ı	200
I-132 (about 2 hours)									ND	ı	ND	ı	3, 000
Cs-136 (about 13 days)									ND	ı	ND	İ	300
Ba-140 (about 13 days)									ND	ı	ND	ı	300
La-140 (about 2 days)									ND	-	ND	-	400

X Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

[※] In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.
However, detection limits differs depending on the detectors and samples types, therefore might be detection

[Final] Results of Nuclide Analysis of Seawater < 0ffshore 2/4>

Place of Sampling Time and Date of	15 km offsh Fukushima Upper la 8:40ar	Daini ver 11	15 km offsh Fukushima I ower la 8:40a	Daini ver n	15 km offsh Iwasawa S Upper la 8:10a	Shore ver n	15 km offsh Iwasawa S I ower la 8:10a	Shore over	15 km offsh Hirono-m Upper la 7:35a	achi ver 11	15 km offsr Hirono-m I ower la 7:35a	achi iver 11	② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit
Sample Collection Detected Nuclides (Half-life)	June 10, ①Density of Sample (Bq/L)	Scaling Factor (1)/2)	June 10, ①Density of Sample (Bq/L)	Scaling Factor (①/②)	June 10, ①Density of Sample (Bq/L)	Scaling Factor (①/②)	June 10, ①Density of Sample (Bq/L)	Scaling Factor (①/②)	June 10, ①Density of Sample (Bq/L)	Scaling Factor (①/②)	June 10, ①Density of Sample (Bq/L)	Scaling Factor (1)/2)	in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	I	ND	ı	ND	I	ND	-	ND	ı	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	_	ND	-	ND	_	ND	-	ND	_	40, 000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40, 000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10, 000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	_	ND	-	ND	-	ND	-	ND	-	3, 000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	ı	ND	ı	ND	ı	ND	-	ND	ı	ND	_	400

X Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

[💥] In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.
However, detection limits differs depending on the detectors and samples types, therefore might be detection

[Final] Results of Nuclide Analysis of Seawater < 0ffshore 3/4>

Place of Sampling	Numanouchi O 5km Upper La		Numanouchi 0 5km Lower La		Numanouchi Offs Upper La		Numanouchi Offs Middle La		Numanouchi Offs Lower Lay		Numanouchi Offs Upper La		② Density limit by the announcement of Reactor Regulation
Time and Date of Sample Collection	6∶30ar June 10,		6∶30ar June 10,		7∶15ar June 10,		7∶15ar June 10,		7∶15ar June 10,	ո 2011	8∶10aı June 10,		(Bq/L) (the density limit in the water outside
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	ı	ND	ı	ND	1	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	I	ND	I	ND	ı	ND	-	ND	ı	ND	ı	60
Cs-137 (about 30 years)	ND	1	ND	-	90								
Mo-99 (about 66 hours)	ND	_	ND	-	ND	-	ND	-	ND	_	ND	_	40, 000
Tc-99m (about 6 hours)	ND	-	40, 000										
Te-129m (about 34 days)	ND	-	300										
Te-129 (about 70 minutes)	ND	-	10, 000										
Te-132 (about 3 days)	ND	-	200										
I-132 (about 2 hours)	ND	-	3, 000										
Cs-136 (about 13 days)	ND	-	300										
Ba-140 (about 13 days)	ND	-	300										
La-140 (about 2 days)	ND	-	400										

X Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

[💥] In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.
However, detection limits differs depending on the detectors and samples types, therefore might be detection

[Final] Results of Nuclide Analysis of Seawater < 0ffshore 4/4>

Place of Sampling Time and Date of Sample Collection	Numanouchi Offs Middle La 8:10an June 10,	yer n	Numanouchi Offs Lower Lag 8:10ar June 10,	yer M									② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	ı	ND	ı									40
Cs-134 (about 2 years)	ND	1	ND	ı									60
Cs-137 (about 30 years)	ND	1	ND	ı									90
Mo-99 (about 66 hours)	ND	ı	ND	-									40, 000
Tc-99m (about 6 hours)	ND	ı	ND	-									40, 000
Te-129m (about 34 days)	ND	I	ND	ı									300
Te-129 (about 70 minutes)	ND	ı	ND	-									10, 000
Te-132 (about 3 days)	ND	I	ND	I									200
I-132 (about 2 hours)	ND	I	ND	I									3, 000
Cs-136 (about 13 days)	ND	ı	ND	ı									300
Ba-140 (about 13 days)	ND	ı	ND	ı									300
La-140 (about 2 days)	ND	_	ND	_									400

X Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

[※] In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.
However, detection limits differs depending on the detectors and samples types, therefore might be detection

Place of Sampling	(approx. 30m	n north of 5	hannel of 5-6u of -6u discharge ch	annel)	(appox. 330n	n south of	narge Channel of 1-4u Discharge C	channel)	Around North D Channel of (Around 3,4u E Channel (approx. 10 k	2F Discharge	Around Iwasawa 2F (appox. 7 km 1,2u Discharge (appox. 16 km	south of Channel) from 1F)	② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit
Time and Date of Sample Collection	9∶00am June 11, 2		2:00pm June 11, 2	011	8:40am June 11, 2		1:40pm June 11, 2	2011	9:20am June 11, 2	011	7:50am June 11, 2		in the water outside of surrounding
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	_	40
Cs-134 (about 2 years)	31	0. 52	25	0. 42	30	0. 50	27	0. 45	6. 1	0. 10	ND	-	60
Cs-137 (about 30 years)	34	0. 38	44	0. 49	31	0. 34	32	0. 36	5. 3	0. 06	ND	_	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40, 000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40, 000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
le-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10, 000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	_	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3, 000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	_	ND	-	ND	_	ND	-	300
La-140 (about 2 days)	ND	-	ND	_	ND	_	ND	-	ND	-	ND	-	400

X Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

[💥] In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.
However, detection limits differs depending on the detectors and samples types, therefore might be detection

Place of Sampling	(approx. 30m		hannel of 5-6u of -6u discharge ch	annel)	(appox. 330n	n south of	narge Channel of 1-4u Discharge C	channel)	Around North D Channel of (Around 3,4u E Channel (approx. 10 k	2F Discharge) m from	Around Iwasawa 2F (appox. 7 km 1,2u Discharge (appox. 16 km	south of Channel) from 1F)	② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit
Time and Date of Sample Collection	9:05am June 12, 2	011	2:00pm June 12, 2		8:45am June 12, 2		1:35pm June 12, 2	2011	9∶15am June 12, 2		7:45am June 12, 2		in the water outside of surrounding
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	_	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	36	0. 60	20	0. 33	33	0. 55	6. 9	0. 12	4. 6	0. 08	7. 2	0. 12	60
Cs-137 (about 30 years)	36	0. 40	22	0. 24	35	0. 39	15	0. 17	検出限界未満	-	8. 9	0. 10	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40, 000
Tc-99m (about 6 hours)	ND	-	ND	_	ND	-	ND	-	ND	ı	ND	-	40, 000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
le-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10, 000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	_	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3, 000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	_	ND	-	ND	_	ND	-	300
La-140 (about 2 days)	ND	_	ND	_	ND	_	ND	-	ND	-	ND	-	400

X Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

[💥] In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.
However, detection limits differs depending on the detectors and samples types, therefore might be detection

[Final] Results of Nuclide Analysis of Seawater < 0ffshore 1/2>

Place of Sampling Time and Date of Sample Collection	15 km offsh MinamiSoun Upper lay 8 : 10ar June 12,	na City yer	15 km offsh MinamiSoun Lower la 8 : 10ar June 12,	na City yer n	15 km offsh Ukedo-ga Upper la 8 : 30ar June 12,	awa yer 11	15 km offsh Ukedo-ga Lower la 8 : 30ar June 12,	awa yer m	15 km offsh Fukushima I Upper la 8 : 40ar June 12.	Daiichi yer 11	15 km offsh Fukushima I Lower la 8 : 40al June 12,	Daiichi yer m	② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	ı	ND	ı	ND	_	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	15	0. 17	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40, 000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40, 000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10, 000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	_	ND	-	ND	-	ND	-	ND	-	3, 000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	ı	ND	ı	ND	_	ND	-	ND	_	ND	-	400

X Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

[💥] In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.
However, detection limits differs depending on the detectors and samples types, therefore might be detection

[Final] Results of Nuclide Analysis of Seawater < 0ffshore 2/2>

Place of Sampling	15 km offsh Fukushima Upper lay 8:10ar	Daini yer	15 km offsh Fukushima Lower lay 8:10ar	Daini yer	15 km offshore o Shore Upper la 7 : 40ar	yer	15 km offshore o Shore Lower lay 7 : 40ar	yer	15 km offshore machi Upper la 7:10ar	yer	15 km offshore machi Lower la 7:10al	yer	② Density limit by the announcement of Reactor Regulation (Bq/L)
Sample Collection	June 12,		June 12,		June 12,		June 12,		June 12,		June 12,		(the density limit in the water outside
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	ı	ND	ı	ND	ı	ND	-	ND	ı	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	ı	ND	-	ND	-	ND	ı	ND	-	60
Cs-137 (about 30 years)	ND	ı	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	_	ND	ı	ND	_	ND	-	ND	_	ND	-	40, 000
Tc-99m (about 6 hours)	ND	ı	ND	ı	ND	ı	ND	-	ND	ı	ND	-	40, 000
Te-129m (about 34 days)	ND	ı	ND	I	ND	ı	ND	-	ND	ı	ND	-	300
Te-129 (about 70 minutes)	ND	ı	ND	-	ND	-	ND	-	ND	-	ND	-	10, 000
Te-132 (about 3 days)	ND	ı	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3, 000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	ı	ND	ı	ND	ı	ND	-	ND	ı	ND	-	400

X Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

X In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.
However, detection limits differs depending on the detectors and samples types, therefore might be detection

Place of Sampling Time and Date of		n north of 5	hannel of 5-6u of -6u discharge ch	annel)		n south of	narge Channel of 1-4u Discharge C 2:00pm	hannel)	Around North D Channel of (Around 3,4u E Channel (approx. 10 k	2F Discharge	Around Iwasawa 2F (appox. 7 km 1,2u Discharge (appox. 16 km 7:55am	south of Channel) from 1F)	Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit
Sample Collection	June 13, 2		June 13, 2		June 13, 2		June 13, 2	2011	June 13, 2	011	June 13, 2		in the water outside of surrounding
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	21	0.35	ND	-	24	0.40	34	0.57	ND	-	ND	-	60
Cs-137 (about 30 years)	30	0.33	16	0.18	25	0.28	35	0.39	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	ı	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	ı	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	ı	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	ı	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.

Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.

[Final] Results of Nuclide Analysis of Seawater < Offshore 1/5 >

Place of Sampling	15 km offsh Fukushima Upper la	Daini	15 km offsh Fukushima Lower la	Daini	15 km offshore o Shore Upper la	yer	15 km offshore o Shore Lower la	yer	15 km offshore o machi Upper lay	/er	15 km offshore o machi Lower lay	/er	Density limit by the announcement of Reactor Regulation
Time and Date of Sample Collection	Out of s	cope	Out of so	cope	June 13, Collection ca	2011 ancelled	June 13, Collection ca		7:05an June 13,		7:05ar June 13,		(Bq/L) (the density limit in the water outside
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)									ND	-	ND	-	40
Cs-134 (about 2 years)									ND	-	ND	-	60
Cs-137 (about 30 years)									ND	-	ND	-	90
Mo-99 (about 66 hours)									ND	-	ND	-	40,000
Tc-99m (about 6 hours)									ND	-	ND	-	40,000
Te-129m (about 34 days)									ND	-	ND	-	300
le-129 (about 70 minutes)									ND	-	ND	-	10,000
Te-132 (about 3 days)									ND	-	ND	-	200
I-132 (about 2 hours)									ND	-	ND	-	3,000
Cs-136 (about 13 days)									ND	-	ND	-	300
Ba-140 (about 13 days)									ND	-	ND	-	300
La-140 (about 2 days)									ND	-	ND	-	400

Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.

Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.

[Final] Results of Nuclide Analysis of Seawater < Offshore 2/5 >

Place of Sampling Time and Date of Sample Collection	3 km offsh Haramack Upper la June 13, Collection ca	hi-ku iver 2011	3 km offsh Haramacl Lower la June 13, Collection ca	ni-ku ver 2011	3 km offsh Odaka- Upper la June 13, Collection ca	ku <u>ver</u> 2011	3 km offsh Odaka- Lower la June 13, Collection ca	ku aver 2011	3 km offsho Iwasawa S Upper la 7:40ar June 13,	Shore ver	3 km offsh Iwasawa S I ower la 7:40ar June 13,	Shore over	Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)									ND	-	ND	-	40
Cs-134 (about 2 years)									ND	ı	ND	-	60
Cs-137 (about 30 years)									ND	ı	ND	-	90
Mo-99 (about 66 hours)									ND	-	ND	-	40,000
Tc-99m (about 6 hours)									ND	-	ND	-	40,000
Te-129m (about 34 days)									ND	-	ND	-	300
le-129 (about 70 minutes)									ND	-	ND	-	10,000
Te-132 (about 3 days)									ND	-	ND	-	200
I-132 (about 2 hours)									ND	-	ND	-	3,000
Cs-136 (about 13 days)									ND	-	ND	-	300
Ba-140 (about 13 days)									ND	ı	ND	-	300
La-140 (about 2 days)									ND	-	ND	-	400

Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.

Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.

[Final] Results of Nuclide Analysis of Seawater < Offshore 3/5 >

Place of Sampling	8 km offsh Odaka- Upper la	ku	8 km offsh Odaka- Lower la	ku ver	8 km offsho Iwasawa S Upper la	Shore	8 km offsho Iwasawa S Lower la	Shore					Density limit by the announcement of Reactor Regulation
Time and Date of Sample Collection	June 13, Collection ca		June 13, Collection ca		7:40ar June 13,		7:40ar June 13,						(Bq/L) (the density limit in the water outside
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)					ND	-	ND	-					40
Cs-134 (about 2 years)					ND	-	ND	-					60
Cs-137 (about 30 years)					ND	-	ND	-					90
Mo-99 (about 66 hours)					ND	-	ND	-					40,000
Tc-99m (about 6 hours)					ND	-	ND	-					40,000
Te-129m (about 34 days)					ND	-	ND	-					300
le-129 (about 70 minutes)					ND	-	ND	-					10,000
Te-132 (about 3 days)					ND	-	ND	-					200
I-132 (about 2 hours)					ND	-	ND	-					3,000
Cs-136 (about 13 days)					ND	ı	ND	ı					300
Ba-140 (about 13 days)					ND	-	ND	-					300
La-140 (about 2 days)					ND	-	ND	-					400

Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.

Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.

[Final] Results of Nuclide Analysis of Seawater < Offshore 4/5 >

Place of Sampling Time and Date of Sample Collection	North Iwaki C 3km Upper La 6:00ar June 13,	over n	North Iwaki C 3km Lower La 6:00ar June 13,	aver m	Natsui-gawa (3km Unner La 5:40ai June 13,	aver n	Natsui-gawa (3km Lower La 5:40ai June 13,	aver m	Onahama Port 3km Upper La 5:45ar June 13,	aver m	Onahama Por 3km Lower La 5:45a June 13,	aver m	the announcement of Reactor Regulation (Bq/L) (the density limit
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	ı	ND	ı	ND	ı	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	4.5	0.08	ND	i	ND	ı	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
le-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.

Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.

[Final] Results of Nuclide Analysis of Seawater < Offshore 5/5 >

Place of Sampling	Ena Offshor Upper La		Ena Offshor Lower La		Numanouchi 3km Upper La		Numanouchi 3km Lower La		Toyoma Offsh Upper La		Toyoma Offsh Lower La		Density limit by the announcement of Reactor Regulation
Time and Date of Sample Collection	6:00ar June 13,		6:00ar June 13,		5:30ar June 13,		5:30a June 13,		5:20a June 13,		5:20a June 13,		(Bq/L) (the density limit in the water outside
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
le-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.

Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.

Place of Sampling		_	channel of 5-6u of 6-6u discharge ch				narge Channel of 1-4u Discharge C		Around North D Channel of (Around 3,4u E Channel (approx. 10 k	2F Discharge	Around Iwasawa 2F (appox. 7 km 1,2u Discharge (appox. 16 km	south of Channel)	Density limit by the announcement of Reactor Regulation (Bq/L)
Time and Date of Sample Collection	9:30am June 14, 2		1:50pm June 14, 2		9:15am June 14, 2		1:35pm June 14, 2	2011	6:55am June 14, 2	011	7:55am June 14, 2		(the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	ı	ND	-	40
Cs-134 (about 2 years)	43	0.72	28	0.47	28	0.47	40	0.67	7.1	0.12	5.9	0.10	60
Cs-137 (about 30 years)	41	0.46	31	0.34	39	0.43	48	0.53	5.9	0.07	7.6	0.08	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	ı	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	ı	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	ı	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	ı	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.

Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.

[Final] Results of Nuclide Analysis of Seawater < Offshore 1/4 >

Place of Sampling	15 km offsh MinamiSoum Upper lay	na City	15 km offsh MinamiSoun Lower la	na City	15 km offsh Ukedo-ga Upper la	awa	15 km offsh Ukedo-ga Lower la	awa	15 km offsh Fukushima I Upper la	Daiichi	15 km offsh Fukushima I Lower la	Daiichi	Density limit by the announcement of Reactor Regulation
Time and Date of Sample Collection	9:00ar June 14,		9:00ar June 14,		8:40a June 14,		8:40ar June 14,		9:20a June 14,		9:20a June 14,		(Bq/Ľ) (the density limit in the water outside
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	ı	ND	ı	ND	ı	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	ı	ND	ı	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	90	0.30	ND	-	ND	-	300
le-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	52	0.01	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.

Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.

[Final] Results of Nuclide Analysis of Seawater < Offshore 2/4 >

Place of Sampling	15 km offsh Fukushima Upper lay	Daini	15 km offsh Fukushima Lower la	Daini	15 km offshore o Shore Upper la		15 km offshore o Shore Lower la	•	15 km offshore machi Upper la		15 km offshore o machi Lower lay		Density limit by the announcement of Reactor Regulation
Time and Date of Sample Collection	8:50ar June 14,		8:50ar June 14,		8:10ar June 14,		8:10ar June 14,		Out of se	cope	Out of so	cope	(Bq/L) (the density limit in the water outside
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-					40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-					60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-					90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	ı	ND	-					40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-					40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-					300
le-129 (about 70 minutes)	ND	-	ND	ı	ND	ı	ND	-					10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-					200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-					3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-					300
Ba-140 (about 13	ND	-	ND	-	ND	-	ND	-					300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-					400

Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.

Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.

[Final] Results of Nuclide Analysis of Seawater < Offshore 3/4 >

Place of Sampling	30 km offsh MinamiSoum Upper lay	na City yer	30 km offsh MinamiSoun Middle la	na City yer	30 km offsh MinamiSoun Lower la	na City yer	30 km offshore River Upper la	yer	30 km offshore River Middle la	yer	30 km offshore River Lower la	yer	Density limit by the announcement of Reactor Regulation
Time and Date of Sample Collection	7:15ar June 14,		7:15ar June 14,		7:15ar June 14,		6:30ar June 14,		6:30a June 14,		6:30a June 14,		(Bq/L) (the density limit in the water outside
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	ı	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	6.5	0.11	ND	-	ND	i	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
le-129 (about 70 minutes)	ND	-	ND	-	ND	ı	ND	-	ND	i	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.

Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.

[Final] Results of Nuclide Analysis of Seawater < Offshore 4/4 >

Place of Sampling Time and Date of Sample Collection	5 km offsho Souma C Upper Ia 6:30ar June 14,	ity yer m	5 km offsho Souma C Lower La 6:30ar June 14,	ity yer	5 km offsho Kashim Upper la 5:50ar June 14,	na yer m	5 km offsho Kashim Lower la 5:50an June 14,	na iyer m	3 km offsho Souma C Upper Ia 6:50ar June 14,	ity yer m	3 km offsho Souma C Lower La 6:50ar June 14,	ity yer m	Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	ı	ND	-	ND	ı	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	ı	ND	-	ND	1	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
le-129 (about 70 minutes)	ND	-	ND	-	ND	ı	ND	-	ND	ı	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	ı	ND	-	ND	1	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.

Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.

Place of Sampling Time and Date of		n north of 5	hannel of 5-6u o -6u discharge ch 1:20pm	annel)		n south of	narge Channel of 1-4u Discharge C	thannel)	Around North D Channel of (Around 3,4u E Channe (approx. 10 k 8:30am	2F Discharge Discharge	Around Iwasawa 2F (appox. 7 km 1,2u Discharge (appox. 16 km 8:05am	south of Channel) from 1F)	Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit
Sample Collection	June 15, 2		June 15, 2		June 15, 2		June 15, 2	2011	June 15, 2		June 15, 2		in the water outside of surrounding
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)		Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	42	0.70	34	0.57	28	0.47	29	0.48	ND	-	12	0.20	60
Cs-137 (about 30 years)	37	0.41	34	0.38	35	0.39	27	0.30	ND	-	12	0.13	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.

Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.

[Final] Results of Nuclide Analysis of Seawater < Offshore 1/2 >

Place of Sampling Time and Date of Sample Collection	3 km offsh Haramacl Upper la 8:45a June 15,	ni-ku over	3 km offsh Haramacl Lower la 8:45ar June 15,	ni-ku ver	3 km offsh Odaka- Upper la 9:00ar June 15,	ku ver	3 km offsh Odaka- L ower la 9:00ar June 15,	ku ver	3 km offsh Iwasawa S Upper la 6:50a June 15,	Shore ver	3 km offsh Iwasawa S I ower la 6:55a June 15,	Shore iver	Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	ı	ND	ı	ND	ı	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	5.0	0.08	4.7	0.08	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	7.4	0.08	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
le-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	ı	ND	ı	ND	ı	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.

Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.

[Final] Results of Nuclide Analysis of Seawater < Offshore 22 >

Place of Sampling Time and Date of	8 km offsh Odaka- Upper la 9:20a	ku Iver M	8 km offsh Odaka- I ower la 9:20a	ku ver n	8 km offsh Iwasawa S Upper la 7:10ar	Shore iver m	8 km offsh Iwasawa S I ower la 7:10a	Shore aver m					Density limit by the announcement of Reactor Regulation (Bq/L)
Sample Collection	June 15,	2011	June 15,	2011	June 15,	2011	June 15,	2011					(the density limit in the water outside
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-					40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-					60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-					90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-					40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-					40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-					300
le-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-					10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-					200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-					3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-					300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-					300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-					400

Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.

Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.

Place of Sampling	(approx. 30m	n north of 5	hannel of 5-6u of -6u discharge ch	annel)	(appox. 330n	n south of	narge Channel of 1-4u Discharge C	thannel)	Around North D Channel of (Around 3,4u D Channel (approx. 10 k	2F Discharge Discharge	Around Iwasawa 2F (appox. 7 km 1,2u Discharge (appox. 16 km	south of Channel) from 1F)	Density limit by the announcement of Reactor Regulation (Bq/L)
Time and Date of Sample Collection	9:05am June 16, 2		1:15pm June 16, 2		8:50am June 16, 2		1:00pm June 16, 2	2011	8:20am June 16, 2		7:55am June 16, 2		(the density limit in the water outside of
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	46	0.77	41	0.68	20	0.33	24	0.40	ND	-	7.2	0.12	60
Cs-137 (about 30 years)	51	0.57	39	0.43	23	0.26	21	0.23	ND	-	10	0.11	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	ı	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.

Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.

[Final] Results of Nuclide Analysis of Seawater < Offshore 1/4 >

Place of Sampling	15 km offsh MinamiSoum Upper lay	na City	15 km offsh MinamiSoun Lower la	na City	15 km offsh Ukedo-ga Upper la	awa	15 km offsh Ukedo-ga Lower la	awa	15 km offsh Fukushima I Upper la	Daiichi	15 km offsh Fukushima I Lower la	Daiichi	Density limit by the announcement of Reactor Regulation
Time and Date of Sample Collection	9:05ar June 16,		9:05ar June 16,		9:25a June 16,		9:25a June 16,		9:05ar June 16,		9:05ai June 16,		(Bq/L) (the density limit in the
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	ı	ND	-	ND	ı	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	4.5	0.08	ND	-	ND	ı	ND	ı	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
le-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.

Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.

[Final] Results of Nuclide Analysis of Seawater < Offshore 2/4 >

Place of Sampling Time and Date of Sample Collection	15 km offsh Fukushima Upper lav 8:35ar June 16,	Daini yer	15 km offsh Fukushima Lower la 8:35ar June 16,	Daini yer n	15 km offshore of Shore Upper lat 7:45ar June 16,	yer m	15 km offshore of Shore Lower lat 7:45ar June 16,	yer m	15 km offshore machi Upper la 7:00al June 16,	yer m	15 km offshore of machi Lower lay 7:00ar June 16,	yer n	Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	ı	ND	ı	ND	-	ND	ı	ND	ı	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
le-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	1	ND	-	ND	-	ND	1	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.

Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.

However, detection limits differs depending on the detectors and samples types, therefore might be detection

[Final] Results of Nuclide Analysis of Seawater < Offshore 3/4 >

Place of Sampling Time and Date of Sample Collection	North Iwaki C 3km Unner La 4:55ar June 16,	aver m	North Iwaki C 3km Lower La 4:55ar June 16,	aver m	Natsui-gawa (3km Unner La 5:15ar June 16,	aver n	Natsui-gawa (3km Lower La 5:15ai June 16,	aver m	Onahama Port 3km Upper La 5:55al June 16,	aver m	Onahama Por 3km Lower La 5:55a June 16,	aver m	Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	ı	ND	-	ND	ı	ND	ı	ND	ı	ND	-	40
Cs-134 (about 2 years)	ND	1	ND	-	ND	1	4.6	0.08	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	1	ND	-	ND	1	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
le-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.

Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.

[Final] Results of Nuclide Analysis of Seawater < Offshore 4/4 >

Place of Sampling	Ena Offshoi Upper La		Ena Offsho Lower La		Numanouchi 3km Upper La		Numanouchi 3km Lower La		Toyoma Offsh Upper La		Toyoma Offsh Lower La		Density limit by the announcement of Reactor Regulation
Time and Date of Sample Collection	6:10a June 16,		6:10ai June 16,		5:25ar June 16,		5:25ai June 16,		5:40a June 16,		5:40a June 16,		(Bq/L) (the density limit in the
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	40										
Cs-134 (about 2 years)	ND	-	ND	-	4.5	0.08	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	90										
Mo-99 (about 66 hours)	ND	-	40,000										
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	ı	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	ı	ND	-	ND	ı	ND	-	300
le-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	ı	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	ı	ND	-	200
I-132 (about 2 hours)	ND	-	3,000										
Cs-136 (about 13 days)	ND	-	300										
Ba-140 (about 13 days)	ND	-	300										
La-140 (about 2 days)	ND	-	400										

Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.

Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.

However, detection limits differs depending on the detectors and samples types, therefore might be detection

Place of Sampling	(approx. 30m		hannel of 5-6u of -6u discharge ch	annel)	(appox. 330n	n south of	narge Channel of 1-4u Discharge C	Channel)	Around North D Channel of (Around 3,4u E Channel (approx. 10 k	: 2F Discharge	Around Iwasawa 2F (appox. 7 km 1,2u Discharge (appox. 16 km	south of Channel) from 1F)	② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit
Time and Date of Sample Collection	9∶05am June 17, 2	011	1:35pm June 17, 2	011	8:50am June 17, 2		1:20pm June 17, 2	2011	8∶20am June 17, 2	011	7:55am June 17, 2		in the water outside of surrounding
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	_	ND	_	40
Cs-134 (about 2 years)	35	0. 58	23	0. 38	28	0. 47	25	0. 42	ND	_	ND	_	60
Cs-137 (about 30 years)	26	0. 29	28	0. 31	30	0. 33	27	0. 30	ND		5. 5	0.06	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND		ND		ND	-	40, 000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	_	ND	_	40, 000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	1	ND	-	ND	_	300
le-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	1	ND	-	ND	-	10, 000
Te-132 (about 3 days)	ND	-	ND	-	ND	1	ND	-	ND	_	ND	_	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	1	ND	-	ND	_	3, 000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	_	300
La-140 (about 2 days)	ND	-	ND	_	ND	_	ND	-	ND	-	ND	_	400

X Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

[💥] In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.
However, detection limits differs depending on the detectors and samples types, therefore might be detection

[Final] Results of Nuclide Analysis of Seawater < 0 ffshore 1/4 >

Place of Sampling Time and Date of	3 km offsh Haramaci Upper la June 17,	hi-ku iver 2011	3 km offsho Haramach Lower la June 17,	ni-ku ver 2011	3 km offsh Odaka- Upper la June 17,	ku ver 2011	3 km offsh Odaka- Lower la June 17,	ku aver 2011	3 km offsh Iwasawa S Upper la 9:00ar	Shore ver	3 km offsh Iwasawa S I ower la 9:00ar	Shore ver n	② Density limit by the announcement of Reactor Regulation (Bq/L)
Sample Collection	Sampling car	ncelled	Sampling car	ncelled	Sampling car	ncelled	Sampling car	ncelled	June 17,	2011	June 17,	2011	(the density limit in the water outside
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)									ND	-	ND	-	40
Cs-134 (about 2 years)									ND	-	ND	-	60
Cs-137 (about 30 years)									ND	ı	ND	ı	90
Mo-99 (about 66 hours)									ND	-	ND	-	40, 000
Tc-99m (about 6 hours)									ND	-	ND	-	40, 000
Te-129m (about 34 days)									ND	-	ND	-	300
Te-129 (about 70 minutes)									ND	-	ND	-	10, 000
Te-132 (about 3 days)									ND	-	ND	ı	200
I-132 (about 2 hours)									ND	ı	ND	ı	3, 000
Cs-136 (about 13 days)									ND	ı	ND	ı	300
Ba-140 (about 13 days)									ND	-	ND	-	300
La-140 (about 2 days)									ND	-	ND	-	400

X Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

[※] In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.
However, detection limits differs depending on the detectors and samples types, therefore might be detection

[Final] Results of Nuclide Analysis of Seawater < 0ffshore 2/4>

Place of Sampling Time and Date of Sample Collection	8 km offsh Odaka- Upper la June 17, Sampling car	ku iver 2011	8 km offsh Odaka- Lowerla June 17, Sampling car	ku ver 2011	8 km offsho Iwasawa S Upper la 8:45ar June 17,	Shore ver 11	8 km offsh Iwasawa S Lower Ia 8:45ar June 17,	Shore iver 11					② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)					ND	ı	ND	-					40
Cs-134 (about 2 years)					3. 9	0. 07	ND	ı					60
Cs-137 (about 30 years)					4. 6	0. 05	ND	-					90
Mo-99 (about 66 hours)					ND	_	ND	_					40, 000
Tc-99m (about 6 hours)					ND	-	ND	-					40, 000
Te-129m (about 34 days)					ND	-	ND	-					300
Te-129 (about 70 minutes)					ND	ı	ND	-					10, 000
Te-132 (about 3 days)					ND	I	ND	ı					200
I-132 (about 2 hours)					ND	I	ND	ı					3, 000
Cs-136 (about 13 days)					ND	ı	ND	ı					300
Ba-140 (about 13 days)					ND	ı	ND	-					300
La-140 (about 2 days)					ND	ı	ND	-					400

X Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

[※] In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.
However, detection limits differs depending on the detectors and samples types, therefore might be detection

[Final] Results of Nuclide Analysis of Seawater < 0ffshore 3/4>

Place of Sampling	Numanouchi 0 5km Upper La		Numanouchi 0 5km Lower La		Numanouchi Offs Upper La		Numanouchi Offs Middle La		Numanouchi Offs Lower Lay		Numanouchi Offs Upper La		② Density limit by the announcement of Reactor Regulation
Time and Date of Sample Collection	6∶35ar June 17,		6∶35ar June 17,		7∶30ar June 17,		7∶30ar June 17,		7∶30ar June 17,		8∶25aı June 17,		(Bq/L) (the density limit in the water outside
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	ı	ND	ı	ND	ı	ND	-	ND	_	ND	_	40
Cs-134 (about 2 years)	ND	I	ND	I	ND	ı	ND	-	ND	ı	ND	ı	60
Cs-137 (about 30 years)	ND	1	ND	-	90								
Mo-99 (about 66 hours)	ND	_	ND	-	ND	-	ND	-	ND	_	ND	_	40, 000
Tc-99m (about 6 hours)	ND	-	40, 000										
Te-129m (about 34 days)	ND	-	300										
Te-129 (about 70 minutes)	ND	-	10, 000										
Te-132 (about 3 days)	ND	-	200										
I-132 (about 2 hours)	ND	_	ND	-	3, 000								
Cs-136 (about 13 days)	ND	-	300										
Ba-140 (about 13 days)	ND	-	300										
La-140 (about 2 days)	ND	ı	ND	ı	ND	Ι	ND	-	ND	-	ND	-	400

X Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

X In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.
However, detection limits differs depending on the detectors and samples types, therefore might be detection

[Final] Results of Nuclide Analysis of Seawater < 0ffshore 4/4>

Place of Sampling Time and Date of Sample Collection	Numanouchi Offs Middle La 8:25ar June 17,	nyer 11	Numanouchi Offs Lower Lay 8:25ar June 17,	yer M									② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	ı	ND	ı									40
Cs-134 (about 2 years)	ND	ı	ND	ı									60
Cs-137 (about 30 years)	ND	-	ND	-									90
Mo-99 (about 66 hours)	ND	ı	ND	ı									40, 000
Tc-99m (about 6 hours)	ND	1	ND	I									40, 000
Te-129m (about 34 days)	ND	ı	ND	ı									300
Te-129 (about 70 minutes)	ND	-	ND	-									10, 000
Te-132 (about 3 days)	ND	-	ND	-									200
I-132 (about 2 hours)	ND	-	ND	-									3, 000
Cs-136 (about 13 days)	ND	-	ND	_									300
Ba-140 (about 13 days)	ND	-	ND	-									300
La-140 (about 2 days)	ND	ı	ND	-									400

X Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

[※] In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 4Bq/L.
However, detection limits differs depending on the detectors and samples types, therefore might be detection

[Final] The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units
1-4 screen, and the water intake canal of Units 1-4 <1/3>

				1-4 SOLCOII, E	ind the water	intake canai	01 011113 1-4	<17.02			
Place of Sampling	Shallow Dra	ft Quay of 1F	Inside north wa of 1F's	ter intake canal Unit 1-4	Screen of (outside the		Screen of (inside the	1F's Unit 1 silt fence)		1F's Unit 2 e silt fence)	Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/4	1 6:32 AM	2011/6/4	6:34 AM	2011/6/4	6:50 AM	2011/6/4	6:12 AM	2011/6/4	7:02 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	10	0.25	78	2.0	100	2.5	100	2.5	120	3.0	40
Cs-134 (about 2 years)	100	1.7	250	4.2	360	6.0	320	5.3	300	5.0	60
Cs-137 (about 30 years)	120	1.3	280	3.1	360	4.0	400	4.4	310	3.4	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	720	2.4	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

[Final] The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <2/3>

Place of Sampling		1F's Unit 2 silt fence)	Screen of (outside the	1F's Unit 3	Screen of (inside the		Screen of (outside the	1F's Unit 4		1F's Unit 4 e silt fence)	Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/4	6:53 AM	2011/6/4	7:09 AM	2011/6/4	7:04 AM	2011/6/4	7:20 AM	2011/6/4	1 7:12 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	6,500	160	130	3.3	200	5.0	240	6.0	260	6.5	40
Cs-134 (about 2 years)	2,000	33	370	6.2	1,200	20	630	11	690	12	60
Cs-137 (about 30 years)	2,100	23	400	4.4	1,300	14	640	7.1	750	8.3	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

[&]quot;Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm³".

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

In the case that the data is below measurable limit, "ND" is stated.

Density limit by Inside the south of 1F's Unit 1-Place of the announcement Sampling 4 Water Intake Canal of Reactor Regulation (Bg/L) Time and (the density limit in Date of 2011/6/4 7:27 AM Sample the water outside of Collection surrounding monitored areas in Density of Density of Density of Density of Density of Detected Scaling factor Scaling factor Scaling factor Scaling factor Scaling factor the section 6 of the sample **Nuclides** sample sample sample sample (/) (/) (/) (/) (/) appendix 2) (Half-life) (Bq/L) (Bq/L) (Bq/L) (Bq/L) (Bq/L) I-131 (about 8 250 6.3 40 days) Cs-134 60 (about 2 690 12 years) Cs-137 740 8.2 90 (about 30 years) Mn-54 (about 313 ND 1.000 days) Co-60 ND 200 (about 5 years) Tc-99m ND 40,000 (about 6 hours) Te-129m ND 300 (about 34 days) Te-129 (about 70 ND 10,000 minutes) Cs-136 ND 300 (about 13 days) Ba-140 (about 13 ND 300 days) La-140 (about 2 ND 400 days)

"Density limit by the announcement of Reactor Regulation" shows the value in "Bq/L" converted from the value originally in "Bq/cm³".

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

[Final] The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units
1-4 screen, and the water intake canal of Units 1-4 <1/3>

T			1	1 4 3010011, E	ind the water	mtake canar	01 011113 1-4	X1702			
Place of Sampling	Shallow Dra	ft Quay of 1F	Inside north wa of 1F's	ter intake canal Unit 1-4	Screen of (outside the		Screen of (inside the	1F's Unit 1 silt fence)		1F's Unit 2 e silt fence)	Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/5	6:35 AM	2011/6/5	6:42 AM	2011/6/5	6:45 AM	2011/6/5	6:48 AM	2011/6/5	6:53 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	85	2.1	370	9.3	400	10	360	9.0	400	10	40
Cs-134 (about 2 years)	270	4.5	650	11	610	10	630	11	580	9.7	60
Cs-137 (about 30 years)	290	3.2	680	7.6	630	7.0	720	8.0	660	7.3	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

[Final] The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units
1-4 screen, and the water intake canal of Units 1-4 <2/3>

				1-4 3016611, 2	ind the water	intake canai	01 011113 1-4	\Z/3/			· · · · · · · · · · · · · · · · · · ·
Place of Sampling		1F's Unit 2 e silt fence)		1F's Unit 3 e silt fence)	Screen of (inside the		Screen of (outside the	1F's Unit 4 e silt fence)		1F's Unit 4 silt fence)	Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/5	5 6:56 AM	2011/6/5	7:17 AM	2011/6/5	7:20 AM	2011/6/5	7:10 AM	2011/6/5	7:12 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	1,600	40	380	9.5	260	6.5	340	8.5	270	6.8	40
Cs-134 (about 2 years)	3,100	52	820	14	4,100	68	700	12	650	11	60
Cs-137 (about 30 years)	3,300	37	890	9.9	4,400	49	740	8.2	720	8.0	90
Mn-54 (about 313 days)	ND	1	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

Density limit by Inside the south of 1F's Unit 1-Place of the announcement Sampling 4 Water Intake Canal of Reactor Regulation (Bg/L) Time and (the density limit in Date of 2011/6/5 7:05 AM Sample the water outside of Collection surrounding monitored areas in Density of Density of Density of Density of Density of Detected Scaling factor Scaling factor Scaling factor Scaling factor Scaling factor the section 6 of the sample **Nuclides** sample sample sample sample (/) (/) (/) (/) (/) appendix 2) (Half-life) (Bq/L) (Bq/L) (Bq/L) (Bq/L) (Bq/L) I-131 (about 8 310 7.8 40 days) Cs-134 60 (about 2 610 10 years) Cs-137 (about 30 660 7.3 90 years) Mn-54 (about 313 ND 1.000 days) Co-60 ND 200 (about 5 years) Tc-99m ND 40,000 (about 6 hours) Te-129m ND 300 (about 34 days) Te-129 (about 70 ND 10,000 minutes) Cs-136 ND 300 (about 13 days) Ba-140 (about 13 300 ND days) La-140 (about 2 ND 400 days)

"Density limit by the announcement of Reactor Regulation" shows the value in "Bq/L" converted from the value originally in "Bq/cm³".

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

[Final] The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units
1-4 screen, and the water intake canal of Units 1-4 <1/3>

T				1 4 3010011, E	ind the water	TITTANC CAHAT	OI UIIIIS 1-4	X1702			
Place of Sampling	Shallow Dra	ft Quay of 1F	Inside north wa of 1F's	ter intake canal Unit 1-4	Screen of (outside the		Screen of (inside the	1F's Unit 1 silt fence)		1F's Unit 2 e silt fence)	Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/6	6:30 AM	2011/6/6	6:38 AM	2011/6/6	6:42 AM	2011/6/6	6:44 AM	2011/6/6	6:49 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	13	0.33	450	11	450	11	470	12	520	13	40
Cs-134 (about 2 years)	140	2.3	790	13	810	14	750	13	770	13	60
Cs-137 (about 30 years)	150	1.7	830	9.2	880	9.8	810	9.0	860	9.6	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

[Final] The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units
1-4 screen, and the water intake canal of Units 1-4 <2/3>

		1		1-4 3010011, 2	illu tile water	TITTANC CAHAT	OI UNITS 1-4	\Z/3/			T
Place of Sampling		1F's Unit 2 e silt fence)		1F's Unit 3 e silt fence)		1F's Unit 3 silt fence)	Screen of (outside the	1F's Unit 4 e silt fence)		1F's Unit 4 e silt fence)	Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/6	6:51 AM	2011/6/6	6:57 AM	2011/6/6	7:00 AM	2011/6/6	7:03 AM	2011/6/6	7:06 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	500	13	490	12	450	11	430	11	400	10	40
Cs-134 (about 2 years)	820	14	780	13	810	14	750	13	770	13	60
Cs-137 (about 30 years)	870	9.7	820	9.1	880	9.8	810	9.0	800	8.9	90
Mn-54 (about 313 days)	ND	1	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

Density limit by Inside the south of 1F's Unit 1-Place of the announcement Sampling 4 Water Intake Canal of Reactor Regulation (Bg/L) Time and (the density limit in Date of 2011/6/6 7:10 AM Sample the water outside of Collection surrounding monitored areas in Density of Density of Density of Density of Density of Detected Scaling factor Scaling factor Scaling factor Scaling factor Scaling factor the section 6 of the sample **Nuclides** sample sample sample sample (/) (/) (/) (/) (/) appendix 2) (Half-life) (Bq/L) (Bq/L) (Bq/L) (Bq/L) (Bq/L) I-131 (about 8 410 10 40 days) Cs-134 60 (about 2 700 12 years) Cs-137 (about 30 720 8.0 90 years) Mn-54 (about 313 ND 1.000 days) Co-60 ND 200 (about 5 years) Tc-99m ND 40,000 (about 6 hours) Te-129m ND 300 (about 34 days) Te-129 (about 70 ND 10,000 minutes) Cs-136 ND 300 (about 13 days) Ba-140 (about 13 300 ND days) La-140 (about 2 ND 400 days)

"Density limit by the announcement of Reactor Regulation" shows the value in "Bq/L" converted from the value originally in "Bq/cm³".

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

[Final] The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units
1-4 screen, and the water intake canal of Units 1-4 <1/3>

I				1 + 3010011, 0	ind the water	TITTURE CUITAT	OI UNITS 1-4	X1702			
Place of Sampling	Shallow Dra	ft Quay of 1F	Inside north wa of 1F's	ter intake canal Unit 1-4	Screen of (outside the		Screen of (inside the	1F's Unit 1 silt fence)		1F's Unit 2 e silt fence)	Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/7	6:35 AM	2011/6/7	6:55 AM	2011/6/7	7:05 AM	2011/6/7	7:00 AM	2011/6/7	7:12 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	9.5	0.24	260	6.5	220	5.5	240	6.0	250	6.3	40
Cs-134 (about 2 years)	100	1.7	360	6.0	280	4.7	310	5.2	410	6.8	60
Cs-137 (about 30 years)	110	1.2	390	4.3	320	3.6	330	3.7	410	4.6	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

[Final] The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units
1-4 screen, and the water intake canal of Units 1-4 <2/3>

				1-4 3016611, 2	ind the water	mtake canar	01 011113 1-4	\Z13 2			
Place of Sampling		1F's Unit 2 e silt fence)	Screen of (outside the	1F's Unit 3 e silt fence)	Screen of (inside the		Screen of (outside the	1F's Unit 4 e silt fence)		1F's Unit 4 silt fence)	Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/7	7 7:08 AM	2011/6/7	7:21 AM	2011/6/7	7:19 AM	2011/6/7	7:30 AM	2011/6/7	7:25 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	2,500	63	250	6.3	270	6.8	260	6.5	220	5.5	40
Cs-134 (about 2 years)	1,900	32	360	6.0	1,600	27	360	6.0	420	7.0	60
Cs-137 (about 30 years)	2,000	22	420	4.7	1,700	19	430	4.8	440	4.9	90
Mn-54 (about 313 days)	ND	1	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

Density limit by Inside the south of 1F's Unit 1-Place of the announcement Sampling 4 Water Intake Canal of Reactor Regulation (Bg/L) Time and (the density limit in Date of 2011/6/7 7:35 AM Sample the water outside of Collection surrounding monitored areas in Density of Density of Density of Density of Density of Detected Scaling factor Scaling factor Scaling factor Scaling factor Scaling factor the section 6 of the sample **Nuclides** sample sample sample sample (/) (/) (/) (/) (/) appendix 2) (Half-life) (Bq/L) (Bq/L) (Bq/L) (Bq/L) (Bq/L) I-131 (about 8 240 6.0 40 days) Cs-134 60 (about 2 380 6.3 years) Cs-137 440 4.9 90 (about 30 years) Mn-54 (about 313 ND 1.000 days) Co-60 ND 200 (about 5 years) Tc-99m ND 40,000 (about 6 hours) Te-129m ND 300 (about 34 days) Te-129 (about 70 ND 10,000 minutes) Cs-136 ND 300 (about 13 days) Ba-140 (about 13 ND 300 days) La-140 (about 2 ND 400 days)

"Density limit by the announcement of Reactor Regulation" shows the value in "Bq/L" converted from the value originally in "Bq/cm³".

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

[Final] The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units
1-4 screen, and the water intake canal of Units 1-4 <1/3>

I				1 + 3010011, 0	ind the water	TITTURE CUITAT	OI UNITES 1-4	X1702			
Place of Sampling	Shallow Dra	ft Quay of 1F	Inside north wa of 1F's	ter intake canal Unit 1-4	Screen of (outside the		Screen of (inside the	1F's Unit 1 silt fence)	Screen of (outside the	1F's Unit 2 e silt fence)	Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/8	6:35 AM	2011/6/8	6:45 AM	2011/6/8	6:55 AM	2011/6/8	6:52 AM	2011/6/8	7:05 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	220	5.5	360	9.0	410	10	360	9.0	370	9.3	40
Cs-134 (about 2 years)	440	7.3	600	10	530	8.8	560	9.3	560	9.3	60
Cs-137 (about 30 years)	490	5.4	600	6.7	570	6.3	570	6.3	630	7.0	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

[Final] The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units
1-4 screen, and the water intake canal of Units 1-4 <2/3>

				1-4 Screen, a	ind the water	TITTAKE CAHAT	OI UNITS 1-4	\2/3 /			B 2 8 21
Place of Sampling		1F's Unit 2 e silt fence)		1F's Unit 3 e silt fence)	Screen of (inside the		Screen of (outside the	1F's Unit 4 e silt fence)		1F's Unit 4 silt fence)	Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/8	3 7:02 AM	2011/6/8	7:15 AM	2011/6/8	7:12 AM	2011/6/8	7:20 AM	2011/6/8	7:18 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	970	24	350	8.8	350	8.8	360	9.0	300	7.5	40
Cs-134 (about 2 years)	2,000	33	530	8.8	1,900	32	570	9.5	580	9.7	60
Cs-137 (about 30 years)	2,200	24	570	6.3	2,100	23	610	6.8	560	6.2	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

Density limit by Inside the south of 1F's Unit 1-Place of the announcement Sampling 4 Water Intake Canal of Reactor Regulation (Bg/L) Time and (the density limit in Date of 2011/6/8 7:25 AM Sample the water outside of Collection surrounding monitored areas in Density of Density of Density of Density of Density of Detected Scaling factor Scaling factor Scaling factor Scaling factor Scaling factor the section 6 of the sample **Nuclides** sample sample sample sample (/) (/) (/) (/) (/) appendix 2) (Half-life) (Bq/L) (Bq/L) (Bq/L) (Bq/L) (Bq/L) I-131 (about 8 16 0.40 40 days) Cs-134 60 (about 2 360 6.0 years) Cs-137 (about 30 390 4.3 90 years) Mn-54 (about 313 ND 1.000 days) Co-60 ND 200 (about 5 years) Tc-99m ND 40,000 (about 6 hours) Te-129m ND 300 (about 34 days) Te-129 (about 70 ND 10,000 minutes) Cs-136 ND 300 (about 13 days) Ba-140 (about 13 ND 300 days) La-140 (about 2 ND 400 days)

"Density limit by the announcement of Reactor Regulation" shows the value in "Bq/L" converted from the value originally in "Bq/cm³".

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

[Final] The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units
1-4 screen, and the water intake canal of Units 1-4 <1/3>

Т				1 + 3010011, 0	ind the water	TITTURE GUITAT	OI UNITS 1-4	X17 02			1
Place of Sampling	Shallow Dra	ft Quay of 1F	Inside north wa of 1F's		Screen of (outside the		Screen of (inside the	1F's Unit 1 silt fence)		1F's Unit 2 e silt fence)	Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/9	6:09 AM	2011/6/9	6:25 AM	2011/6/9	6:40 AM	2011/6/9	6:35 AM	2011/6/9	6:50 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	40	1.0	390	9.8	390	9.8	350	8.8	350	8.8	40
Cs-134 (about 2 years)	170	2.8	690	12	830	14	590	9.8	700	12	60
Cs-137 (about 30 years)	180	2.0	720	8.0	900	10	650	7.2	760	8.4	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

[Final] The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units
1-4 screen, and the water intake canal of Units 1-4 <2/3>

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1									Density limit by		
Place of Sampling		1F's Unit 2 e silt fence)		1F's Unit 3 e silt fence)	Screen of (inside the			1F's Unit 4 e silt fence)		1F's Unit 4 e silt fence)	the announcement of Reactor
Time and Date of Sample Collection	2011/6/9	9 6:45 AM	2011/6/9	7:00 AM	2011/6/9	6:55 AM	2011/6/9	7:07 AM	2011/6/9 7:03 AM		Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	1,800	45	310	7.8	210	5.3	320	8.0	240	6.0	40
Cs-134 (about 2 years)	1,700	28	710	12	2,100	35	790	13	860	14	60
Cs-137 (about 30 years)	1,900	21	760	8.4	2,200	24	870	9.7	900	10	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

Density limit by Inside the south of 1F's Unit 1-Place of the announcement Sampling 4 Water Intake Canal of Reactor Regulation (Bg/L) Time and (the density limit in Date of 2011/6/9 7:10 AM Sample the water outside of Collection surrounding monitored areas in Density of Density of Density of Density of Density of Detected Scaling factor Scaling factor Scaling factor Scaling factor Scaling factor the section 6 of the sample **Nuclides** sample sample sample sample (/) (/) (/) (/) (/) appendix 2) (Half-life) (Bq/L) (Bq/L) (Bq/L) (Bq/L) (Bq/L) I-131 (about 8 230 5.8 40 days) Cs-134 60 (about 2 640 11 years) Cs-137 (about 30 700 7.8 90 years) Mn-54 (about 313 ND 1.000 days) Co-60 ND 200 (about 5 years) Tc-99m ND 40,000 (about 6 hours) Te-129m ND 300 (about 34 days) Te-129 (about 70 ND 10,000 minutes) Cs-136 ND 300 (about 13 days) Ba-140 (about 13 300 ND days) La-140 (about 2 ND 400 days)

"Density limit by the announcement of Reactor Regulation" shows the value in "Bq/L" converted from the value originally in "Bq/cm³".

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

[Final] The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units
1-4 screen, and the water intake canal of Units 1-4 <1/3>

				1-4 Screen, a	ind the water	TITTAKE CAHAT	of Units 1-4	<1/3>			
Place of Sampling	Shallow Dra	ft Quay of 1F	Inside north wa of 1F's		Screen of (outside the		Screen of (inside the			1F's Unit 2 e silt fence)	Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/10	0 6:10 AM	2011/6/10 6:26 AM		2011/6/10 6:41 AM		2011/6/10) 6:35 AM	2011/6/10) 6:52 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	15	0.38	290	7.3	270	6.8	240	6.0	330	8.3	40
Cs-134 (about 2 years)	130	2.2	460	7.7	450	7.5	480	8.0	480	8.0	60
Cs-137 (about 30 years)	150	1.7	520	5.8	510	5.7	480	5.3	490	5.4	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

[Final] The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units
1-4 screen, and the water intake canal of Units 1-4 <2/3>

				1-4 3016611, 2	ind the water	intake canai	01 011113 1-4	\Z13 2			<u> </u>
Place of Sampling		1F's Unit 2 e silt fence)	Screen of (outside the	1F's Unit 3 e silt fence)	Screen of (inside the		Screen of (outside the	1F's Unit 4 e silt fence)		1F's Unit 4 silt fence)	Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/1	0 6:46 AM	2011/6/10	7:02 AM	2011/6/10	O 6:58 AM	2011/6/10	7:09 AM	2011/6/10 7:06 AM		Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	5,600	140	280	7.0	170	4.3	270	6.8	190	4.8	40
Cs-134 (about 2 years)	2,100	35	500	8.3	2,500	42	470	7.8	630	11	60
Cs-137 (about 30 years)	2,200	24	500	5.6	2,700	30	520	5.8	650	7.2	90
Mn-54 (about 313 days)	ND		ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

Density limit by Inside the south of 1F's Unit 1-Place of the announcement Sampling 4 Water Intake Canal of Reactor Regulation (Bg/L) Time and (the density limit in Date of 2011/6/10 7:15 AM Sample the water outside of Collection surrounding monitored areas in Density of Density of Density of Density of Density of Detected Scaling factor Scaling factor Scaling factor Scaling factor Scaling factor the section 6 of the sample **Nuclides** sample sample sample sample (/) (/) (/) (/) (/) appendix 2) (Half-life) (Bq/L) (Bq/L) (Bq/L) (Bq/L) (Bq/L) I-131 (about 8 260 6.5 40 days) Cs-134 60 (about 2 440 7.3 years) Cs-137 (about 30 480 5.3 90 years) Mn-54 (about 313 ND 1.000 days) Co-60 ND 200 (about 5 years) Tc-99m ND 40,000 (about 6 hours) Te-129m ND 300 (about 34 days) Te-129 (about 70 ND 10,000 minutes) Cs-136 ND 300 (about 13 days) Ba-140 (about 13 ND 300 days) La-140 (about 2 ND 400 days)

"Density limit by the announcement of Reactor Regulation" shows the value in "Bq/L" converted from the value originally in "Bq/cm³".

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

[Final] The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units
1-4 screen, and the water intake canal of Units 1-4 <1/3>

				1 4 3010011, 2	ind the water	TITTANC CAHAT	01 011118 1-4	X1702			1
Place of Sampling	Shallow Dra	ft Quay of 1F	Inside north wa of 1F's	ter intake canal Unit 1-4	Screen of (outside the		Screen of (inside the	1F's Unit 1 silt fence)		1F's Unit 2 e silt fence)	Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/1	1 6:08 AM	2011/6/11	I 6:16 AM	2011/6/11	l 6:27 AM	2011/6/11	1 6:32 AM	2011/6/11 6:37 AM		Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	11	0.28	220	5.5	230	5.8	180	4.5	390	9.8	40
Cs-134 (about 2 years)	120	2.0	510	8.5	420	7.0	530	8.8	400	6.7	60
Cs-137 (about 30 years)	120	1.3	540	6.0	460	5.1	580	6.4	420	4.7	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

[Final] The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units
1-4 screen, and the water intake canal of Units 1-4 <2/3>

				1-4 3010011, 2	ind the water	TITTANC CAHAT	OI UNITS 1-4	\Z/ 0>			
Place of Sampling		1F's Unit 2 e silt fence)		1F's Unit 3 e silt fence)		1F's Unit 3 silt fence)	Screen of (outside the	1F's Unit 4 e silt fence)		1F's Unit 4 e silt fence)	Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/1	1 6:42 AM	2011/6/11	1 6:49 AM	2011/6/11	1 6:54 AM	2011/6/11 6:57 AM		2011/6/11 7:04 AM		Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	5,200	130	230	5.8	170	4.3	220	5.5	160	4.0	40
Cs-134 (about 2 years)	2,000	33	480	8.0	2,400	40	390	6.5	630	11	60
Cs-137 (about 30 years)	2,200	24	520	5.8	2,600	29	400	4.4	670	7.4	90
Mn-54 (about 313 days)	ND		ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

Density limit by Inside the south of 1F's Unit 1-Place of the announcement Sampling 4 Water Intake Canal of Reactor Regulation (Bg/L) Time and (the density limit in Date of 2011/6/11 7:10 AM Sample the water outside of Collection surrounding monitored areas in Density of Density of Density of Density of Density of Detected Scaling factor Scaling factor Scaling factor Scaling factor Scaling factor the section 6 of the sample **Nuclides** sample sample sample sample (/) (/) (/) (/) (/) appendix 2) (Half-life) (Bq/L) (Bq/L) (Bq/L) (Bq/L) (Bq/L) I-131 (about 8 200 5.0 40 days) Cs-134 60 (about 2 500 8.3 years) Cs-137 540 6.0 90 (about 30 years) Mn-54 (about 313 ND 1.000 days) Co-60 ND 200 (about 5 years) Tc-99m ND 40,000 (about 6 hours) Te-129m ND 300 (about 34 days) Te-129 (about 70 ND 10,000 minutes) Cs-136 ND 300 (about 13 days) Ba-140 (about 13 ND 300 days) La-140 (about 2 ND 400 days)

"Density limit by the announcement of Reactor Regulation" shows the value in "Bq/L" converted from the value originally in "Bq/cm³".

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

[Final] The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units
1-4 screen, and the water intake canal of Units 1-4 <1/3>

				1 + 3010011, 0	and the water	TITTURE GUITAT	01 011118 1-4	<17.02			
Place of Sampling	Shallow Dra	ft Quay of 1F	Inside north wa of 1F's		Screen of (outside the		Screen of (inside the	1F's Unit 1 silt fence)	Screen of (outside the	1F's Unit 2 e silt fence)	Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/1	2 6:00 AM	2011/6/12	2 6:19 AM	2011/6/12 6:25 AM		2011/6/12 6:28 AM		2011/6/12	2 6:36 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	120	3.0	180	4.5	150	3.8	1,000	25	40
Cs-134 (about 2 years)	32	0.53	310	5.2	310	5.2	340	5.7	490	8.2	60
Cs-137 (about 30 years)	44	0.49	300	3.3	320	3.6	400	4.4	550	6.1	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

In the case that the data is below measurable limit, "ND" is stated. Low measurable limit of I-131 is 10Bq/L.

[Final] The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units
1-4 screen, and the water intake canal of Units 1-4 <2/3>

				1-4 3016611, 2	ind the water	intake canai	01 011113 1-4	\Z13 2			<u> </u>
Place of Sampling		1F's Unit 2 e silt fence)	Screen of (outside the	1F's Unit 3 e silt fence)	Screen of (inside the	1F's Unit 3 silt fence)	Screen of (outside the	1F's Unit 4 e silt fence)		1F's Unit 4 e silt fence)	Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/1	2 6:39 AM	2011/6/12	2 6:45 AM	2011/6/12	2 6:52 AM	2011/6/12	2 6:57 AM	2011/6/12 7:01 AM		Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	660	17	200	5.0	200	5.0	230	5.8	220	5.5	40
Cs-134 (about 2 years)	400	6.7	370	6.2	1,300	22	630	11	520	8.7	60
Cs-137 (about 30 years)	440	4.9	380	4.2	1,400	16	640	7.1	590	6.6	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	230	0.02	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

Density limit by Inside the south of 1F's Unit 1-Place of the announcement Sampling 4 Water Intake Canal of Reactor Regulation (Bg/L) Time and (the density limit in Date of 2011/6/12 7:07 AM Sample the water outside of Collection surrounding monitored areas in Density of Density of Density of Density of Density of Detected Scaling factor Scaling factor Scaling factor Scaling factor Scaling factor the section 6 of the sample **Nuclides** sample sample sample sample (/) (/) (/) (/) (/) appendix 2) (Half-life) (Bq/L) (Bq/L) (Bq/L) (Bq/L) (Bq/L) I-131 (about 8 75 1.9 40 days) Cs-134 60 (about 2 330 5.5 years) Cs-137 (about 30 350 3.9 90 years) Mn-54 (about 313 ND 1.000 days) Co-60 ND 200 (about 5 years) Tc-99m ND 40,000 (about 6 hours) Te-129m ND 300 (about 34 days) Te-129 (about 70 ND 10,000 minutes) Cs-136 ND 300 (about 13 days) Ba-140 (about 13 300 ND days) La-140 (about 2 ND 400 days)

"Density limit by the announcement of Reactor Regulation" shows the value in "Bq/L" converted from the value originally in "Bq/cm³".

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

[Final] The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units
1-4 screen, and the water intake canal of Units 1-4 <1/3>

			1	1-4 Screen, a	ind the water	TITTARC Canal	OI UNITES 1-4	X1732			1
Place of Sampling	Shallow Dra	ft Quay of 1F	Inside north wa of 1F's I		Screen of (outside the		Screen of (inside the			1F's Unit 2 e silt fence)	Density limit by the announcement
Time and Date of Sample Collection	2011/6/1	3 6:28 AM	2011/6/13	3 6:47 AM	2011/6/13	3 6:50 AM	2011/6/13	3 6:53 AM	2011/6/13	3 6:57 AM	of Reactor Regulation (Bq/L) (the density limit in the water outside of
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	74	1.9	97	2.4	100	2.5	260	6.5	40
Cs-134 (about 2 years)	100	1.7	210	3.5	210	3.5	200	3.3	260	4.3	60
Cs-137 (about 30 years)	110	1.2	200	2.2	220	2.4	230	2.6	300	3.3	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300

[&]quot;Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm³".

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

In the case that the data is below measurable limit, "ND" is stated. Low measurable limit of I-131 is 7Bq/L.

[Final] The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units
1-4 screen, and the water intake canal of Units 1-4 <2/3>

		1		1-4 Screen, a	and the water	TITTANC CAHAT	01 011113 1-4	\Z/3/			
Place of Sampling		1F's Unit 2 e silt fence)	Screen of (outside the		Screen of (inside the	1F's Unit 3 e silt fence)	Screen of (outside the	1F's Unit 4 e silt fence)		1F's Unit 4 silt fence)	Density limit by the announcement
Time and Date of Sample Collection	2011/6/1	3 7:00 AM	2011/6/13	3 7:05 AM	2011/6/13	3 7:08 AM	2011/6/13	3 7:12 AM	2011/6/13	3 7:15 AM	of Reactor Regulation (Bq/L) (the density limit in the water outside of
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	sample Scaling factor		Scaling factor	surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	1,200	30	230	5.8	190	4.8	180	4.5	120	3.0	40
Cs-134 (about 2 years)	2,000	33	270	4.5	940	16	260	4.3	780	13	60
Cs-137 (about 30 years)	2,200	24	290	3.2	1,100	12	290	3.2	830	9.2	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300

[&]quot;Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm³".

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

In the case that the data is below measurable limit, "ND" is stated.

Inside the south of 1F's Unit 1-Place of Density limit by 4 Water Intake Canal Sampling the announcement of Reactor Time and Regulation (Bg/L) Date of 2011/6/13 7:20 AM (the density limit in Sample the water outside of Collection surrounding monitored areas in Density of Density of Density of Density of Density of Detected Scaling factor Scaling factor Scaling factor Scaling factor Scaling factor the section 6 of the **Nuclides** sample sample sample sample sample (/) (/) (/) (/) (/) appendix 2) (Half-life) (Bq/L) (Bq/L) (Bq/L) (Bq/L) (Bq/L) I-131 (about 8 170 4.3 40 days) Cs-134 (about 2 270 4.5 60 years) Cs-137 (about 30 280 3.1 90 years) Mn-54 (about 313 ND 1,000 days) Co-60 (about 5 ND 200 years) Tc-99m ND 40.000 (about 6 hours) Cs-136 300 (about 13 ND days) Ba-140 (about 13 ND 300 days) La-140 400 (about 2 ND days) Te-129m ND (about 34 300

days)

[&]quot;Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm³".

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

In the case that the data is below measurable limit, "ND" is stated.

[Final] The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units
1-4 screen, and the water intake canal of Units 1-4 <1/3>

			1	1-4 Screen, a	ind the water	TITTARC Canal	OI UNITES 1-4	X1732			1
Place of Sampling	Shallow Dra	ft Quay of 1F	Inside north wa of 1F's I		Screen of (outside the		Screen of (inside the			1F's Unit 2 e silt fence)	Density limit by the announcement
Time and Date of Sample Collection	2011/6/1	4 6:17 AM	2011/6/14	1 6:32 AM	2011/6/14	1 6:37 AM	2011/6/14	4 6:40 AM	2011/6/14	4 6:45 AM	of Reactor Regulation (Bq/L) (the density limit in the water outside of
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	sample		Scaling factor	surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	19	0.48	20	0.50	34	0.85	75	1.9	40
Cs-134 (about 2 years)	38	0.63	74	1.2	54	0.90	47	0.78	73	1.2	60
Cs-137 (about 30 years)	36	0.40	89	0.99	54	0.60	61	0.68	80	0.89	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300

[&]quot;Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm³".

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

In the case that the data is below measurable limit, "ND" is stated. Low measurable limit of I-131 is 5Bq/L.

[Final] The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units
1-4 screen, and the water intake canal of Units 1-4 <2/3>

				1-4 Screen, a	ind the water	intake canai	01 011113 1-4	\Z/3/			
Place of Sampling		1F's Unit 2 e silt fence)	Screen of coutside the		Screen of (inside the		Screen of (outside the	1F's Unit 4 e silt fence)		1F's Unit 4 silt fence)	Density limit by the announcement
Time and Date of Sample Collection	2011/6/1	4 6:50 AM	2011/6/14	6:55 AM	2011/6/14	1 6:58 AM	2011/6/14	1 7:04 AM	2011/6/14	4 7:07 AM	of Reactor Regulation (Bq/L) (the density limit in the water outside of
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	mple Scaling factor		Scaling factor	surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	3,700	93	34	0.85	100	2.5	52	1.3	65	1.6	40
Cs-134 (about 2 years)	1,300	22	73	1.2	1,400	23	86	1.4	710	12	60
Cs-137 (about 30 years)	1,400	16	84	0.93	1,500	17	89	0.99	770	8.6	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300

[&]quot;Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm³".

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

In the case that the data is below measurable limit, "ND" is stated.

[Final] The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units

1-4 screen, and the water intake canal of Units 1-4 <3/3> Inside the south of 1F's Unit 1-Place of Density limit by 4 Water Intake Canal Sampling the announcement of Reactor Time and Regulation (Bg/L) Date of 2011/6/14 7:13 AM (the density limit in Sample the water outside of Collection surrounding monitored areas in Density of Density of Density of Density of Density of Detected Scaling factor Scaling factor Scaling factor Scaling factor Scaling factor the section 6 of the **Nuclides** sample sample sample sample sample (/) (/) (/) (/) (/) appendix 2) (Half-life) (Bq/L) (Bq/L) (Bq/L) (Bq/L) (Bq/L) I-131 (about 8 13 0.33 40 days) Cs-134 (about 2 190 3.2 60 years) Cs-137 (about 30 190 2.1 90 years) Mn-54 (about 313 ND 1,000 days) Co-60 (about 5 ND 200 years) Tc-99m ND 40.000 (about 6 hours) Cs-136 300 (about 13 ND days) Ba-140 (about 13 ND 300 days) La-140 400 (about 2 ND days) Te-129m

300

ND

(about 34

days)

[&]quot;Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm³".

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

In the case that the data is below measurable limit, "ND" is stated.

T				1 4 3010011, 0	ind the water	TITTURE CUITAT	01 011118 1-4	X1702			
Place of Sampling	Shallow Dra	ft Quay of 1F	Inside north wa of 1F's I		Screen of (outside the		Screen of (inside the			1F's Unit 2 e silt fence)	Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/1	5 7:08 AM	2011/6/15	5 7:42 AM	2011/6/15	5 7:49 AM	2011/6/15	5 7:52 AM	2011/6/1	5 8:05 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	100	2.5	100	2.5	92	2.3	76	1.9	40
Cs-134 (about 2 years)	74	1.2	180	3.0	190	3.2	180	3.0	150	2.5	60
Cs-137 (about 30 years)	74	0.82	190	2.1	210	2.3	190	2.1	140	1.6	90
Mn-54 (about 313 days)	ND	-	1,000								
Co-60 (about 5 years)	ND	-	200								
Tc-99m (about 6 hours)	ND	-	40,000								
Te-129m (about 34 days)	ND	-	300								
Te-129 (about 70 minutes)	ND	-	10,000								
Cs-136 (about 13 days)	ND	-	300								
Ba-140 (about 13 days)	ND	-	300								
La-140 (about 2 days)	ND	-	400								

[&]quot;Density limit by the announcement of Reactor Regulation" shows the value in "Bq/L" converted from the value originally in "Bq/cm³".

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

In the case that the data is below measurable limit, "ND" is stated. Low measurable limit of I-131 is 9Bq/L.

[Final] The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units
1-4 screen, and the water intake canal of Units 1-4 <2/3>

				1-4 3016611, 2	ind the water	TITTANC CAHAT	OI UIIIIS 1-4	\Z13 2			
Place of Sampling	Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding
Time and Date of Sample Collection	2011/6/15 8:09 AM		2011/6/15 8:18 AM		2011/6/15 8:23 AM		2011/6/15 8:32 AM		2011/6/15 8:35 AM		
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	2,000	50	52	1.3	99	2.5	47	1.2	57	1.4	40
Cs-134 (about 2 years)	1,400	23	200	3.3	1,000	17	200	3.3	610	10	60
Cs-137 (about 30 years)	1,500	17	210	2.3	1,100	12	240	2.7	710	7.9	90
Mn-54 (about 313 days)	ND		ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

[Final] The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units
1-4 screen, and the water intake canal of Units 1-4 <3/3>

				1-4 3016611, 0	and the water	TITTANE CATIAT	01 011113 1-4	(3/32			
Place of Sampling	Inside the sout 4 Water In										Density limit by the announcement of Reactor
Time and Date of Sample Collection		5 8:42 AM									Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	48	1.2									40
Cs-134 (about 2 years)	210	3.5									60
Cs-137 (about 30 years)	220	2.4									90
Mn-54 (about 313 days)	ND	-									1,000
Co-60 (about 5 years)	ND	-									200
Tc-99m (about 6 hours)	ND	-									40,000
Te-129m (about 34 days)	ND	-									300
Te-129 (about 70 minutes)	ND	-									10,000
Cs-136 (about 13 days)	ND	-									300
Ba-140 (about 13 days)	ND	-									300
La-140 (about 2 days)	ND	-									400

[&]quot;Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm³".

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

In the case that the data is below measurable limit, "ND" is stated.

[Final] The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units
1-4 screen, and the water intake canal of Units 1-4 <1/3>

T				1 4 3010011, 0	Ind the water	TITTAKE Canar	01 011113 1 4	X1702			
Place of Sampling	Shallow Dra	ft Quay of 1F	Inside north wa of 1F's		Screen of (outside the		Screen of (inside the			1F's Unit 2 e silt fence)	Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/16	6 6:30 AM	2011/6/16	6 6:46 AM	2011/6/16	6 6:52 AM	2011/6/16	6 6:57 AM	2011/6/10	6 7:04 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	110	2.8	110	2.8	130	3.3	120	3.0	40
Cs-134 (about 2 years)	160	2.7	310	5.2	340	5.7	340	5.7	340	5.7	60
Cs-137 (about 30 years)	160	1.8	350	3.9	390	4.3	370	4.1	340	3.8	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

[&]quot;Density limit by the announcement of Reactor Regulation" shows the value in "Bq/L" converted from the value originally in "Bq/cm³".

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

In the case that the data is below measurable limit, "ND" is stated. Low measurable limit of I-131 is 12Bq/L.

[Final] The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units
1-4 screen, and the water intake canal of Units 1-4 <2/3>

				1-4 3016611, 2	ind the water	TITTANG CAHAT	OI UNITS 1-4	<u> </u>			
Place of Sampling		1F's Unit 2 e silt fence)	Screen of (outside the	1F's Unit 3 e silt fence)	Screen of (inside the		Screen of (outside the	1F's Unit 4 e silt fence)		1F's Unit 4 silt fence)	Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/10	6 7:09 AM	2011/6/16	3 7:14 AM	2011/6/16	6 7:19 AM	2011/6/16	6 7:24 AM	2011/6/16	6 7:27 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	Density of sample (Bq/L)	Scaling factor	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	890	22	110	2.8	130	3.3	95	2.4	85	2.1	40
Cs-134 (about 2 years)	1,400	23	390	6.5	3,100	52	430	7.2	620	10	60
Cs-137 (about 30 years)	1,400	16	400	4.4	3,400	38	440	4.9	660	7.3	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (about 5 years)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

"Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm³".

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

In the case that the data is below measurable limit, "ND" is stated.

[Final] The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <3/3>

Density limit by Inside the south of 1F's Unit 1-Place of the announcement Sampling 4 Water Intake Canal of Reactor Regulation (Bg/L) Time and (the density limit in Date of 2011/6/16 7:35 AM Sample the water outside of Collection surrounding monitored areas in Density of Density of Density of Density of Density of Detected Scaling factor Scaling factor Scaling factor Scaling factor Scaling factor the section 6 of the sample **Nuclides** sample sample sample sample (/) (/) (/) (/) (/) appendix 2) (Half-life) (Bq/L) (Bq/L) (Bq/L) (Bq/L) (Bq/L) I-131 (about 8 ND 40 days) Cs-134 60 (about 2 500 8.3 years) Cs-137 510 5.7 90 (about 30 years) Mn-54 (about 313 ND 1.000 days) Co-60 ND 200 (about 5 years) Tc-99m ND 40,000 (about 6 hours) Te-129m ND 300 (about 34 days) Te-129 (about 70 ND 10,000 minutes) Cs-136 ND 300 (about 13 days) Ba-140 (about 13 300 ND days) La-140 (about 2 ND 400 days)

"Density limit by the announcement of Reactor Regulation" shows the value in "Bq/L" converted from the value originally in "Bq/cm³".

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

In the case that the data is below measurable limit, "ND" is stated.

[Final] The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <1/3>

Place of Sampling	Shallow Dra	ft Quay of 1F	Inside north wa of 1F's	ter intake canal	Screen of	1F's Unit 1 e silt fence)	Screen of	1F's Unit 1 e silt fence)		1F's Unit 2 e silt fence)	②Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/1	7 6:05 AM	2011/6/1	7 6:21 AM	2011/6/1	7 6:25 AM	2011/6/1	7 6:26 AM	2011/6/1	7 6:33 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (1)/2)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (1)/2)	Density of sample (Bq/L)	Scaling factor (①/②)	monitored areas in the section 6 of the appendix 2)%
I-131 (about 8 days)	26	0. 65	190	4. 8	210	5. 3	180	4. 5	190	4. 8	40
Cs-134 (about 2 years)	280	4. 7	650	11	710	12	590	9.8	670	11	60
Cs-137 (about 30 years)	290	3. 2	700	7. 8	730	8. 1	690	7.7	700	7. 8	90
Mn-54 (about 313 days)	ND	-	ND	-	ND	_	ND	-	ND	-	1, 000
Co-60 (about 5 years)	ND	-	ND	-	ND	_	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	-	ND	_	ND	-	ND	-	40, 000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	_	ND	-	ND	-	10, 000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	400

^{* &}quot;Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm³".

X In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

imes In the case that the data is below measurable limit, "ND" is stated. Low measurable limit of I-131 is 12Bq/L.

[Final] The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <2/3>

Place of Sampling		1F's Unit 2 e silt fence)		1F's Unit 3 e silt fence)	Screen of (inside the	1F's Unit 3	Screen of			1F's Unit 4 e silt fence)	②Density limit by the announcement of Reactor
Time and Date of Sample Collection	2011/6/1	7 6:33 AM	2011/6/17	7 6:43 AM	2011/6/17	7 6:46 AM	2011/6/17	7 6:43 AM	2011/6/1	7 6:46 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (1)/2)	①Density of sample (Bq/L)	Scaling factor (1)/2)	①Density of sample (Bq/L)	Scaling factor (1)/2)	Density of sample (Bq/L)	Scaling factor (①/②)	monitored areas in the section 6 of the appendix 2) ※
I-131 (about 8 days)	320	8. 0	170	4. 3	110	2. 8	170	4. 3	150	3. 8	40
Cs-134 (about 2 years)	800	13	1, 000	17	4, 400	73	920	15	890	15	60
Cs-137 (about 30 years)	920	10	1, 100	12	4, 700	52	990	11	970	11	90
Mn-54 (about 313 days)	ND	-	ND	_	ND	_	ND	-	ND	-	1, 000
Co-60 (about 5 years)	ND	-	ND	-	ND	_	ND	-	ND	-	200
Tc-99m (about 6 hours)	ND	-	ND	_	ND	_	ND	-	ND	-	40, 000
Te-129m (about 34 days)	ND	-	ND	_	ND	_	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	_	ND	_	ND	-	ND	-	10, 000
Cs-136 (about 13 days)	ND	_	ND	_	ND	_	ND	_	ND	-	300
Ba-140 (about 13 days)	ND		ND	_	ND	_	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	_	ND	-	400

[&]quot;Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm³".

[💥] In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

imes In the case that the data is below measurable limit, "ND" is stated.

[Final] The Results of Nuclide Analyses of Radioactive Materials in the Seawater Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Units 1-4 screen, and the water intake canal of Units 1-4 <3/3>

Place of Sampling	Inside the soutl 4 Water In			1-4 screen, a	and the water	THE UNIT OF THE PROPERTY OF TH	OT UNITES 1-4	(0/0/			②Density limit by the announcement of Reactor Regulation (Bq/L)
Time and Date of Sample Collection	2011/6/1	7 6:54 AM									(the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of sample (Bq/L)	Scaling factor (1)/2)	①Density of sample (Bq/L)	Scaling factor (1)/2)	①Density of sample (Bq/L)	Scaling factor (1)/2)	①Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	monitored areas in the section 6 of the appendix 2)%
I-131 (about 8 days)	17	0. 43									40
Cs-134 (about 2 years)	460	7.7									60
Cs-137 (about 30 years)	530	5. 9									90
Mn-54 (about 313 days)	ND	-									1, 000
Co-60 (about 5 years)	ND	_									200
Tc-99m (about 6 hours)	ND	_									40, 000
Te-129m (about 34 days)	ND	-									300
Te-129 (about 70 minutes)	ND	_									10, 000
Cs-136 (about 13 days)	ND	-									300
Ba-140 (about 13 days)	ND	_									300
La-140 (about 2 days)	ND	-									400

^{* &}quot;Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm³".

[💥] In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

imes In the case that the data is below measurable limit, "ND" is stated.

[Final] Results of Nuclide Analysis of Sub-drains at Fukushima Daiichi Nuclear Power Station

Place of sampling	Sub-drain of Unit1, Fukushima Daiichi	Sub-drain of Unit2, Fukushima Daiichi	Sub-drain of Unit3, Fukushima Daiichi	Sub-drain of Unit4, Fukushima Daiichi	Sub-drain of Unit5, Fukushima Daiichi	Sub-drain of Unit6, Fukushima Daiichi	Deep well, Fukushima Daiichi
Time and Date of Sample Collection	2011/6/6 11:50	2011/6/6 11:55	2011/6/6 12:00	2011/6/6 11:45	2011/6/6 11:45	2011/6/6 11:40	2011/6/6 9:02
Detected Nuclides (Half-life)			Radioactivi	ty Density of Sam	ple (Bq/cm³)		
I-131 (about 8 days)	2.1E+00	1.5E+00	1.3E+00	1.2E-01	ND	ND	ND
Cs-134 (about 2 years)	2.5E+01	1.1E+01	6.2E-01	9.9E-02	8.5E-03	1.1E-02	ND
Cs-137 (about 30 years)	3.0E+01	1.3E+01	6.8E-01	1.2E-01	1.5E-02	9.4E-03	ND
Nb-95 (about 35 days)	ND	ND	ND	ND	ND	ND	ND
Sb-125 (about 3 years)	ND	ND	ND	ND	ND	ND	ND
Ag-110m (about 250 days)	2.6E-01	ND	ND	ND	ND	ND	ND
Te-129 (about 70 minutes)	ND	ND	ND	ND	ND	ND	ND
Te-129m (about 34 days)	2.0E+00	ND	ND	ND	ND	ND	ND
Cs-136 (about 13 days)	6.9E-02	ND	ND	ND	ND	ND	ND
Ba-140 (about 13 days)	ND	ND	ND	ND	ND	ND	ND
La-140 (about 2 days)	ND	ND	ND	ND	ND	ND	ND

[.] E - means . ×10.

[Final] Results of Nuclide Analysis of Sub-drains at Fukushima Daiichi Nuclear Power Station

Place of sampling	Sub-drain of Unit1, Fukushima Daiichi	Sub-drain of Unit2, Fukushima Daiichi	Sub-drain of Unit3, Fukushima Daiichi	Sub-drain of Unit4, Fukushima Daiichi	Sub-drain of Unit5, Fukushima Daiichi	Sub-drain of Unit6, Fukushima Daiichi	Deep well, Fukushima Daiichi
Time and Date of Sample Collection	2011/6/8 11:35	2011/6/8 11:30	2011/6/8 12:25	2011/6/8 11:42	2011/6/8 11:43	2011/6/8 11:47	2011/6/8 9:55
Detected Nuclides (Half-life)			Radioactivi	ty Density of Sam	ple (Bq/cm³)		
I-131 (about 8 days)	5.0E-01	1.3E+00	8.4E-01	1.2E-02	ND	ND	ND
Cs-134 (about 2 years)	1.1E+01	1.1E+01	4.4E-01	2.9E-02	6.7E-03	1.2E-02	ND
Cs-137 (about 30 years)	1.4E+01	1.3E+01	4.6E-01	3.5E-02	ND	9.1E-03	ND
Nb-95 (about 35 days)	ND	ND	ND	ND	ND	ND	ND
Sb-125 (about 3 years)	ND	ND	ND	ND	ND	ND	ND
Ag-110m (about 250 days)	6.6E-02	ND	ND	ND	ND	ND	ND
Te-129 (about 70 minutes)	ND	ND	ND	ND	ND	ND	ND
Te-129m (about 34 days)	ND	ND	ND	ND	ND	ND	ND
Cs-136 (about 13 days)	ND	ND	ND	ND	ND	ND	ND
Ba-140 (about 13 days)	ND	ND	ND	ND	ND	ND	ND
La-140 (about 2 days)	ND	ND	ND	ND	ND	ND	ND

[.] E - means . ×10.

[Final] Results of Nuclide Analysis of Sub-drains at Fukushima Daiichi Nuclear Power Station

Place of sampling	Sub-drain of Unit1, Fukushima Daiichi	Sub-drain of Unit2, Fukushima Daiichi	Sub-drain of Unit3, Fukushima Daiichi	Sub-drain of Unit4, Fukushima Daiichi	Sub-drain of Unit5, Fukushima Daiichi	Sub-drain of Unit6, Fukushima Daiichi	Deep well, Fukushima Daiichi
Time and Date of Sample Collection	11:46 am June 10, 2011	12:07 pm June 10, 2011	12:09 pm June 10, 2011	11:59 am June 10, 2011	12:18 pm June 10, 2011	12:22 June 10, 2011	10:25 am June 10, 2011
Detected Nuclides (Half-life)			Radioactivi	ty Density of Sam	ple (Bq/cm ³)		
I-131 (about 8 days)	1.4E-01	1.2E+00	3.7E-01	7.3E-03	ND	ND	ND
Cs-134 (about 2 years)	7.1E+00	1.1E+01	4.2E-01	4.3E-02	ND	ND	ND
Cs-137 (about 30 years)	8.4E+00	1.3E+01	4.4E-01	5.5E-02	ND	ND	ND
Nb-95 (about 35 days)	ND	ND	ND	ND	ND	ND	ND
Sb-125 (about 3 years)	ND	ND	ND	ND	ND	ND	ND
Ag-110m (about 250 days)	ND	ND	ND	ND	ND	ND	ND
Te-129 (about 70 minutes)	ND	ND	ND	ND	ND	ND	ND
Te-129m (about 34 days)	ND	ND	ND	ND	ND	ND	ND
Cs-136 (about 13 days)	ND	ND	ND	ND	ND	ND	ND
Ba-140 (about 13 days)	ND	ND	ND	ND	ND	ND	ND
La-140 (about 2 days)	ND	ND	ND	ND	ND	ND	ND

[.] E - means . ×10.

[Final] Results of Nuclide Analysis of Sub-drains at Fukushima Daiichi Nuclear Power Station

Place of sampling	Sub-drain of Unit1, Fukushima Daiichi	Sub-drain of Unit2, Fukushima Daiichi	Sub-drain of Unit3, Fukushima Daiichi	Sub-drain of Unit4, Fukushima Daiichi	Sub-drain of Unit5, Fukushima Daiichi	Sub-drain of Unit6, Fukushima Daiichi	Deep well, Fukushima Daiichi
Time and Date of Sample Collection	12:13 am June 13, 2011	12:23 pm June 13, 2011	12:33 pm June 13, 2011	11:47 am June 13, 2011	11:44 pm June 13, 2011	11:25 June 13, 2011	10:15 am June 13, 2011
Detected Nuclides (Half-life)			Radioactivi	ty Density of Sam	ple (Bq/cm³)		
I-131 (about 8 days)	ND	9. 2E-01	ND	7. 1E-03	ND	ND	ND
Cs-134 (about 2 years)	4. 4E+00	1. 0E+01	8. 2E-02	2. 0E-02	ND	ND	ND
Cs-137 (about 30 years)	5. 4E+00	1. 2E+01	9. 4E-02	2. 4E-02	ND	ND	ND
Nb-95 (about 35 days)	ND	ND	ND	ND	ND	ND	ND
Sb-125 (about 3 years)	ND	ND	ND	ND	ND	ND	ND
Ag-110m (about 250 days)	ND	ND	ND	ND	ND	ND	ND
Te-129 (about 70 minutes)	ND	ND	ND	ND	ND	ND	ND
Te-129m (about 34 days)	ND	ND	ND	ND	ND	ND	ND
Cs-136 (about 13 days)	ND	ND	ND	ND	ND	ND	ND
Ba-140 (about 13 days)	ND	ND	ND	ND	ND	ND	ND
La-140 (about 2 days)	ND	ND	ND	ND	ND	ND	ND

[※] O.OE−O means O.O×10.

 $[\]times$ ND: when the detected amount is below the detection limit in this analysis (I-131: approx. 5E-3Bq/cm3, Cs-134: approx. 7E-2Bq/cm3) (S-134: approx. 7E-2Bq/cm3)

[Final] Results of Nuclide Analysis of Sub-drains at Fukushima Daiichi Nuclear Power Station

Place of sampling	Sub-drain of Unit1, Fukushima Daiichi	Sub-drain of Unit2, Fukushima Daiichi	Sub-drain of Unit3, Fukushima Daiichi	Sub-drain of Unit4, Fukushima Daiichi	Sub-drain of Unit5, Fukushima Daiichi	Sub-drain of Unit6, Fukushima Daiichi	Deep well, Fukushima Daiichi
Time and Date of Sample Collection	11:48 am June 15, 2011	11:45 am June 15, 2011	11:41 am June 15, 2011	11:42 am June 15, 2011	11:27 am June 15, 2011	11:19 am June 15, 2011	9:06 am June 15, 2011
Detected Nuclides (Half-life)			Radioactivi	ty Density of Sam	ple (Bq/cm ³)		
I-131 (about 8 days)	ND	8.2E-01	ND	ND	ND	ND	ND
Cs-134 (about 2 years)	3.7E+00	1.1E+01	8.4E-02	2.9E-02	6.8E-03	1.4E-02	ND
Cs-137 (about 30 years)	4.6E+00	1.3E+01	8.6E-02	ND	8.2E-03	1.6E-02	ND
Nb-95 (about 35 days)	ND	ND	ND	ND	ND	ND	ND
Sb-125 (about 3 years)	ND	ND	ND	ND	ND	ND	ND
Ag-110m (about 250 days)	ND	ND	ND	ND	ND	ND	ND
Te-129 (about 70 minutes)	ND	ND	ND	ND	ND	ND	ND
Te-129m (about 34 days)	ND	ND	ND	ND	ND	ND	ND
Cs-136 (about 13 days)	ND	ND	ND	ND	ND	ND	ND
Ba-140 (about 13 days)	ND	ND	ND	ND	ND	ND	ND
La-140 (about 2 days)	ND	ND	ND	ND	ND	ND	ND

[.] E - means . ×10.

[Final] Results of Nuclide Analysis of Sub-drains at Fukushima Daiichi Nuclear Power Station

Place of sampling	Sub-drain of Unit1, Fukushima Daiichi	Sub-drain of Unit2, Fukushima Daiichi	Sub-drain of Unit3, Fukushima Daiichi	Sub-drain of Unit4, Fukushima Daiichi	Sub-drain of Unit5, Fukushima Daiichi	Sub-drain of Unit6, Fukushima Daiichi	Deep well, Fukushima Daiichi
Time and Date of Sample Collection	11:54 am June 17, 2011	11:49 am June 17, 2011	11:44 am June 17, 2011	11:38am June 17, 2011	11:29am June 17, 2011	11:20am June 17, 2011	9:32am June 17, 2011
Detected Nuclides (Half-life)			Radioactivi	ty Density of Sam	ple (Bq/cm ³)		
I-131 (about 8 days)	4.1E-02	7.5E-01	ND	9.0E-03	ND	ND	ND
Cs-134 (about 2 years)	3.3E+00	1.1E+01	8.8E-02	2.3E-02	ND	ND	ND
Cs-137 (about 30 years)	4.0E+00	1.3E+01	1.1E-01	2.2E-02	ND	ND	ND
Nb-95 (about 35 days)	ND	ND	ND	ND	ND	ND	ND
Sb-125 (about 3 years)	ND	ND	ND	ND	ND	ND	ND
Ag-110m (about 250 days)	ND	ND	ND	ND	ND	ND	ND
Te-129 (about 70 minutes)	ND	ND	ND	ND	ND	ND	ND
Te-129m (about 34 days)	ND	ND	ND	ND	ND	ND	ND
Cs-136 (about 13 days)	ND	ND	ND	ND	ND	ND	ND
Ba-140 (about 13 days)	ND	ND	ND	ND	ND	ND	ND
La-140 (about 2 days)	ND	ND	ND	ND	ND	ND	ND

[.] E - means . ×10.

[Final] Nuclides analysis result of sub-drain water around the Central Rad Waste Treatment Facility

Place of sampling	Southeast, T/B, Unit 4, Fukushima Daiichi	Northeast, Process Main Building, Fukushima Daiichi	Souththeast, Process Main Building, Fukushima Daiichi	South, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest, On-site Bunker Building, Fukushima Daiichi	West, Incineration Workshop Building	North, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi			
Time and Date of Sample Collection	11:42am June 4, 2011	11:48am June 4, 2011	11:59am June 4, 2011	12:13pm June 4, 2011	Out of scope	12:07pm June 4, 2011	12:21pm June 4, 2011			
Detected Nuclides (Half-life)		Radioactivity Density of Sample (Bq/cm³)								
I-131 (about 8 days)	3.4E-02	ND	ND	ND		3.7E-02	ND			
Cs-134 (about 2 years)	5.5E-02	ND	6.6E-03	3.5E-02		6.8E-01	4.1E-02			
Cs-137 (about 30 years)	6.1E-02	ND	ND	4.9E-02		7.2E-01	3.7E-02			
Te-129 (about 70 minutes)	ND	ND	ND	ND		ND	ND			
Te-129m (about 34 days)	ND	ND	ND	ND		ND	ND			
Cs-136 (about 13 days)	ND	ND	ND	ND		ND	ND			
Ba-140 (about 13 days)	ND	ND	ND	ND		ND	ND			

[.] E - means . $\times 10$.

ND: when the detected amount is below the detection limit in this analysis (I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 2E-2Bq/cm3)

[Final] Nuclides analysis result of sub-drain water around the Central Rad Waste Treatment Facility

Place of sampling	Southeast, T/B, Unit 4, Fukushima Daiichi	Northeast, Process Main Building, Fukushima Daiichi	Souththeast, Process Main Building, Fukushima Daiichi	South, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest, On-site Bunker Building, Fukushima Daiichi	West, Incineration Workshop Building	North, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi			
Time and Date of Sample Collection	11:17am June 5, 2011	11:27am June 5, 2011	11:34am June 5, 2011	11:47am June 5, 2011	Out of scope	11:42am June 5, 2011	11:54am June 5, 2011			
Detected Nuclides (Half-life)		Radioactivity Density of Sample (Bq/cm³)								
I-131 (about 8 days)	8.1E-02	5.7E-03	ND	1.0E-02		4.2E-02	1.4E-02			
Cs-134 (about 2 years)	7.8E-02	ND	ND	6.1E-02		8.1E-01	6.9E-02			
Cs-137 (about 30 years)	9.6E-02	ND	ND	9.3E-02		8.5E-01	6.8E-02			
Te-129 (about 70 minutes)	ND	ND	ND	ND		ND	ND			
Te-129m (about 34 days)	ND	ND	ND	ND		ND	ND			
Cs-136 (about 13 days)	ND	ND	ND	ND		ND	ND			
Ba-140 (about 13 days)	ND	ND	ND	ND		ND	ND			

[.] E - means . $\times 10$.

ND: when the detected amount is below the detection limit in this analysis (I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 2E-2Bq/cm3)

[Final] Nuclides analysis result of sub-drain water around the Central Rad Waste Treatment Facility

Place of sampling	Southeast, T/B, Unit 4, Fukushima Daiichi	Northeast, Process Main Building, Fukushima Daiichi	Souththeast, Process Main Building, Fukushima Daiichi	South, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest, On-site Bunker Building, Fukushima Daiichi	West, Incineration Workshop Building	North, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi			
Time and Date of Sample Collection	11:45am June 6, 2011	11:51am June 6, 2011	12:03pm June 6, 2011	12:18pm June 6, 2011	12:10pm June 6, 2011	12:15pm June 6, 2011	12:26pm June 6, 2011			
Detected Nuclides (Half-life)		Radioactivity Density of Sample (Bq/cm³)								
I-131 (about 8 days)	1.2E-01	ND	ND	ND	ND	3.4E-02	ND			
Cs-134 (about 2 years)	9.9E-02	ND	ND	3.8E-02	ND	7.2E-01	4.2E-02			
Cs-137 (about 30 years)	1.2E-01	ND	ND	5.7E-02	ND	7.8E-01	5.1E-02			
Te-129 (about 70 minutes)	ND	ND	ND	ND	ND	ND	ND			
Te-129m (about 34 days)	ND	ND	ND	ND	ND	ND	ND			
Cs-136 (about 13 days)	ND	ND	ND	ND	ND	ND	ND			
Ba-140 (about 13 days)	ND	ND	ND	ND	ND	ND	ND			

[.] E - means . $\times 10$.

ND: when the detected amount is below the detection limit in this analysis (I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 2E-2Bq/cm3)

[Final] Nuclides analysis result of sub-drain water around the Central Rad Waste Treatment Facility

Place of sampling	Southeast, T/B, Unit 4, Fukushima Daiichi	Northeast, Process Main Building, Fukushima Daiichi	Souththeast, Process Main Building, Fukushima Daiichi	South, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest, On-site Bunker Building, Fukushima Daiichi	West, Incineration Workshop Building	North, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi			
Time and Date of Sample Collection	11:38am June 7, 2011	11:45am June 7, 2011	11:52am June 7, 2011	12:03pm June 7, 2011	Out of scope	11:58am June 7, 2011	12:11pm June 7, 2011			
Detected Nuclides (Half-life)		Radioactivity Density of Sample (Bq/cm³)								
I-131 (about 8 days)	2.2E-02	6.1E-03	ND	ND		2.4E-02	5.3E-03			
Cs-134 (about 2 years)	7.2E-02	9.0E-03	ND	8.0E-02		6.4E-01	3.1E-02			
Cs-137 (about 30 years)	7.9E-02	7.0E-03	ND	8.5E-02		7.3E-01	2.7E-02			
Te-129 (about 70 minutes)	ND	ND	ND	ND		ND	ND			
Te-129m (about 34 days)	ND	ND	ND	ND		ND	ND			
Cs-136 (about 13 days)	ND	ND	ND	ND		ND	ND			
Ba-140 (about 13 days)	ND	ND	ND	ND		ND	ND			

[.] E - means . $\times 10$.

ND: when the detected amount is below the detection limit in this analysis (I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 2E-2Bq/cm3)

[Final] Nuclides analysis result of sub-drain water around the Central Rad Waste Treatment Facility

Place of sampling	Southeast, T/B, Unit 4, Fukushima Daiichi	Northeast, Process Main Building, Fukushima Daiichi	Souththeast, Process Main Building, Fukushima Daiichi	South, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest, On-site Bunker Building, Fukushima Daiichi	West, Incineration Workshop Building	North, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi			
Time and Date of Sample Collection	11:42am June 8, 2011	11:49am June 8, 2011	11:55am June 8, 2011	12:06pm June 8, 2011	Out of scope	12:01pm June 8, 2011	12:12pm June 8, 2011			
Detected Nuclides (Half-life)		Radioactivity Density of Sample (Bq/cm³)								
I-131 (about 8 days)	1.2E-02	ND	ND	1.2E-02		4.1E-02	ND			
Cs-134 (about 2 years)	2.9E-02	ND	ND	1.2E-01		6.4E-01	4.2E-02			
Cs-137 (about 30 years)	3.5E-02	ND	ND	1.3E-01		6.9E-01	4.9E-02			
Te-129 (about 70 minutes)	ND	ND	ND	ND		ND	ND			
Te-129m (about 34 days)	ND	ND	ND	ND		ND	ND			
Cs-136 (about 13 days)	ND	ND	ND	ND		ND	ND			
Ba-140 (about 13 days)	ND	ND	ND	ND		ND	ND			

[.] E - means . $\times 10$.

ND: when the detected amount is below the detection limit in this analysis (I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 2E-2Bq/cm3)

[Final] Nuclides analysis result of sub-drain water around the Central Rad Waste Treatment Facility

Place of sampling	Southeast, T/B, Unit 4, Fukushima Daiichi	Northeast, Process Main Building, Fukushima Daiichi	Souththeast, Process Main Building, Fukushima Daiichi	South, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest, On-site Bunker Building, Fukushima Daiichi	West, Incineration Workshop Building	North, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi			
Time and Date of Sample Collection	11:26am June 9, 2011	11:33am June 9, 2011	11:40am June 9, 2011	11:52am June 9, 2011	Out of scope	11:47am June 9, 2011	11:59am June 9, 2011			
Detected Nuclides (Half-life)		Radioactivity Density of Sample (Bq/cm³)								
I-131 (about 8 days)	1.0E-01	7.8E-03	ND	1.1E-02		2.0E-02	ND			
Cs-134 (about 2 years)	1.3E-01	ND	ND	1.1E-01		6.1E-01	4.8E-02			
Cs-137 (about 30 years)	1.3E-01	ND	ND	1.3E-01		6.7E-01	4.7E-02			
Te-129 (about 70 minutes)	ND	ND	ND	ND		ND	ND			
Te-129m (about 34 days)	ND	ND	ND	ND		ND	ND			
Cs-136 (about 13 days)	ND	ND	ND	ND		ND	ND			
Ba-140 (about 13 days)	ND	ND	ND	ND		ND	ND			

[.] E - means . $\times 10$.

ND: when the detected amount is below the detection limit in this analysis (I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 2E-2Bq/cm3)

[Final] Nuclides analysis result of sub-drain water around the Central Rad Waste Treatment Facility

Place of sampling	Southeast, T/B, Unit 4, Fukushima Daiichi	Northeast, Process Main Building, Fukushima Daiichi	Souththeast, Process Main Building, Fukushima Daiichi	South, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest, On-site Bunker Building, Fukushima Daiichi	West, Incineration Workshop Building	North, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi			
Time and Date of Sample Collection	11:59am June 10, 2011	12:05pm June 10, 2011	12:10pm June 10, 2011	12:22pm June 10, 2011	Out of scope	12:17pm June 10, 2011	12:29pm June 10, 2011			
Detected Nuclides (Half-life)		Radioactivity Density of Sample (Bq/cm³)								
I-131 (about 8 days)	7.3E-03	5.0E-03	ND	5.9E-03		1.9E-02	ND			
Cs-134 (about 2 years)	4.3E-02	1.0E-02	ND	5.0E-02		5.5E-01	4.8E-02			
Cs-137 (about 30 years)	5.5E-02	ND	ND	5.1E-02		5.9E-01	5.1E-02			
Te-129 (about 70 minutes)	ND	ND	ND	ND		ND	ND			
Te-129m (about 34 days)	ND	ND	ND	ND		ND	ND			
Cs-136 (about 13 days)	ND	ND	ND	ND		ND	ND			
Ba-140 (about 13 days)	ND	ND	ND	ND		ND	ND			

[.] E - means . $\times 10$.

ND: when the detected amount is below the detection limit in this analysis (I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 2E-2Bq/cm3)

[Final] Nuclides analysis result of sub-drain water around the Central Rad Waste Treatment Facility

Place of sampling	Southeast, T/B, Unit 4, Fukushima Daiichi	Northeast, Process Main Building, Fukushima Daiichi	Souththeast, Process Main Building, Fukushima Daiichi	South, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest, On-site Bunker Building, Fukushima Daiichi	West, Incineration Workshop Building	North, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi			
Time and Date of Sample Collection	11:42am June 11, 2011	11:50am June 11, 2011	11:55am June 11, 2011	12:12pm June 11, 2011	Out of scope	12:07pm June 11, 2011	12:18pm June 11, 2011			
Detected Nuclides (Half-life)		Radioactivity Density of Sample (Bq/cm³)								
I-131 (about 8 days)	7.0E-03	ND	ND	ND		3.4E-02	4.4E-03			
Cs-134 (about 2 years)	4.7E-02	ND	ND	3.7E-02		2.9E-01	4.3E-02			
Cs-137 (about 30 years)	4.5E-02	ND	ND	4.0E-02		3.3E-01	4.8E-02			
Te-129 (about 70 minutes)	ND	ND	ND	ND		ND	ND			
Te-129m (about 34 days)	ND	ND	ND	ND		ND	ND			
Cs-136 (about 13 days)	ND	ND	ND	ND		ND	ND			
Ba-140 (about 13 days)	ND	ND	ND	ND		ND	ND			

[.] E - means . $\times 10$.

ND: when the detected amount is below the detection limit in this analysis (I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 2E-2Bq/cm3)

[Final] Nuclides analysis result of sub-drain water around the Central Rad Waste Treatment Facility

Place of sampling	Southeast, T/B, Unit 4, Fukushima Daiichi	Northeast, Process Main Building, Fukushima Daiichi	Souththeast, Process Main Building, Fukushima Daiichi	South, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest, On-site Bunker Building, Fukushima Daiichi	West, Incineration Workshop Building	North, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi			
Time and Date of Sample Collection	11:36am June 12, 2011	11:42am June 12, 2011	11:49am June 12, 2011	12:03pm June 12, 2011	対象外	11:58am June 12, 2011	12:08pm June 12, 2011			
Detected Nuclides (Half-life)		Radioactivity Density of Sample (Bq/cm³)								
I-131 (about 8 days)	ND	ND	ND	ND		ND	6.3E-03			
Cs-134 (about 2 years)	2.4E-02	ND	ND	4.3E-02		5.9E-01	6.8E-02			
Cs-137 (about 30 years)	2.2E-02	ND	ND	5.8E-02		6.4E-01	6.8E-02			
Te-129 (about 70 minutes)	ND	ND	ND	ND		ND	ND			
Te-129m (about 34 days)	ND	ND	ND	ND		ND	ND			
Cs-136 (about 13 days)	ND	ND	ND	ND		ND	ND			
Ba-140 (about 13 days)	ND	ND	ND	ND		ND	ND			

[.] E - means . $\times 10$.

ND: when the detected amount is below the detection limit in this analysis (I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 2E-2Bq/cm3)

[Final] Nuclides analysis result of sub-drain water around the Central Rad Waste Treatment Facility

Place of sampling	Southeast, T/B, Unit 4, Fukushima Daiichi	Northeast, Process Main Building, Fukushima Daiichi	Souththeast, Process Main Building, Fukushima Daiichi	South, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest, On-site Bunker Building, Fukushima Daiichi	West, Incineration Workshop Building	North, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi				
Time and Date of Sample Collection	11:47am June 13, 2011	11:54am June 13, 2011	12:00pm June 13, 2011	12:17pm June 13, 2011	12:07pm June 13, 2011	12:12pm June 13, 2011	12:25pm June 13, 2011				
Detected Nuclides (Half-life)		Radioactivity Density of Sample (Bq/cm³)									
I-131 (about 8 days)	7.1E-03	4.8E-03	ND	1.1E-02	4.4E-03	2.1E-02	6.2E-03				
Cs-134 (about 2 years)	2.0E-02	9.7E-03	ND	1.3E-01	9.5E-03	2.0E-01	4.3E-02				
Cs-137 (about 30 years)	2.4E-02	ND	ND	1.5E-01	9.1E-03	2.4E-01	5.3E-02				
Te-129 (about 70 minutes)	ND	ND	ND	ND	ND	ND	ND				
Te-129m (about 34 days)	ND	ND	ND	ND	ND	ND	ND				
Cs-136 (about 13 days)	ND	ND	ND	ND	ND	ND	ND				
Ba-140 (about 13 days)	ND	ND	ND	ND	ND	ND	ND				

[.] E - means . $\times 10$.

ND: when the detected amount is below the detection limit in this analysis (I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 2E-2Bq/cm3)

[Final] Nuclides analysis result of sub-drain water around the Central Rad Waste Treatment Facility

Place of sampling	Southeast, T/B, Unit 4, Fukushima Daiichi	Northeast, Process Main Building, Fukushima Daiichi	Souththeast, Process Main Building, Fukushima Daiichi	South, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest, On-site Bunker Building, Fukushima Daiichi	West, Incineration Workshop Building	North, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi			
Time and Date of Sample Collection	11:40am June 14, 2011	11:50am June 14, 2011	11:55am June 14, 2011	12:12pm June 14, 2011		12:05pm June 14, 2011	12:18pm June 14, 2011			
Detected Nuclides (Half-life)		Radioactivity Density of Sample (Bq/cm³)								
I-131 (about 8 days)	3.3E-02	ND	ND	ND		ND	ND			
Cs-134 (about 2 years)	5.5E-02	8.6E-03	ND	3.7E-02		5.4E-01	3.7E-02			
Cs-137 (about 30 years)	6.6E-02	1.1E-02	ND	4.6E-02		6.0E-01	3.3E-02			
Te-129 (about 70 minutes)	ND	ND	ND	ND		ND	ND			
Te-129m (about 34 days)	ND	ND	ND	ND		ND	ND			
Cs-136 (about 13 days)	ND	ND	ND	ND		ND	ND			
Ba-140 (about 13 days)	ND	ND	ND	ND		ND	ND			

[.] E - means . $\times 10$.

ND: when the detected amount is below the detection limit in this analysis (I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 2E-2Bq/cm3)

[Final] Nuclides analysis result of sub-drain water around the Central Rad Waste Treatment Facility

Place of sampling	Southeast, T/B, Unit 4, Fukushima Daiichi	Northeast, Process Main Building, Fukushima Daiichi	Souththeast, Process Main Building, Fukushima Daiichi	South, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest, On-site Bunker Building, Fukushima Daiichi	West, Incineration Workshop Building	North, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi			
Time and Date of Sample Collection	11:42am June 15, 2011	11:48am June 15, 2011	11:54am June 15, 2011	12:04pm June 15, 2011	Out of scope	11:59am June 15, 2011	12:10pm June 15, 2011			
Detected Nuclides (Half-life)		Radioactivity Density of Sample (Bq/cm³)								
I-131 (about 8 days)	ND	ND	ND	ND		ND	ND			
Cs-134 (about 2 years)	2.9E-02	ND	ND	4.8E-02		3.7E-01	4.8E-02			
Cs-137 (about 30 years)	ND	ND	ND	5.9E-02		4.0E-01	3.7E-02			
Te-129 (about 70 minutes)	ND	ND	ND	ND		ND	ND			
Te-129m (about 34 days)	ND	ND	ND	ND		ND	ND			
Cs-136 (about 13 days)	ND	ND	ND	ND		ND	ND			
Ba-140 (about 13 days)	ND	ND	ND	ND		ND	ND			

[.] E - means . $\times 10$.

ND: when the detected amount is below the detection limit in this analysis (I-131: approx.2E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 2E-2Bq/cm3)

[Final] Nuclides analysis result of sub-drain water around the Central Rad Waste Treatment Facility

Place of sampling	Southeast, T/B, Unit 4, Fukushima Daiichi	Northeast, Process Main Building, Fukushima Daiichi	Souththeast, Process Main Building, Fukushima Daiichi	South, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest, On-site Bunker Building, Fukushima Daiichi	West, Incineration Workshop Building	North, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi
Time and Date of Sample Collection	11:30am June 16, 2011	11:36am June 16, 2011	11:41am June 16, 2011	11:51am June 16, 2011	Out of scope	11:47am June 16, 2011	11:57am June 16, 2011
Detected Nuclides (Half-life)			Radioact	ivity Density of Sample	(Bq/cm³)		
I-131 (about 8 days)	1.6E-02	ND	ND	ND		2.9E-02	ND
Cs-134 (about 2 years)	2.7E-02	ND	ND	3.0E-02		4.1E-01	3.8E-02
Cs-137 (about 30 years)	4.3E-02	ND	ND	2.6E-02		4.5E-01	3.9E-02
Te-129 (about 70 minutes)	ND	ND	ND	ND		ND	ND
Te-129m (about 34 days)	ND	ND	ND	ND		ND	ND
Cs-136 (about 13 days)	ND	ND	ND	ND		ND	ND
Ba-140 (about 13 days)	ND	ND	ND	ND		ND	ND

[.] E - means . $\times 10$.

ND: when the detected amount is below the detection limit in this analysis (I-131: approx. 9E-3Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 2E-2Bq/cm3)

[Final] Nuclides analysis result of sub-drain water around the Central Rad Waste Treatment Facility

Place of sampling	Southeast, T/B, Unit 4, Fukushima Daiichi	Northeast, Process Main Building, Fukushima Daiichi	Souththeast, Process Main Building, Fukushima Daiichi	South, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest, On-site Bunker Building, Fukushima Daiichi	West, Incineration Workshop Building	North, Misc Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi
Time and Date of Sample Collection	11:38am June 17, 2011	11:46am June 17, 2011	11:51am June 17, 2011	12:01pm June 17, 2011	Out of scope	11:57am June 17, 2011	12:07pm June 17, 2011
Detected Nuclides (Half-life)			Radioact	ivity Density of Sample	(Bq/cm³)		
I-131 (about 8 days)	9.0E-03	4.3E-03	ND	ND		ND	ND
Cs-134 (about 2 years)	2.3E-02	ND	ND	2.8E-02		6.6E-01	2.7E-02
Cs-137 (about 30 years)	2.2E-02	ND	ND	3.3E-02		6.9E-01	3.2E-02
Te-129 (about 70 minutes)	ND	ND	ND	ND		ND	ND
Te-129m (about 34 days)	ND	ND	ND	ND		ND	ND
Cs-136 (about 13 days)	ND	ND	ND	ND		ND	ND
Ba-140 (about 13 days)	ND	ND	ND	ND		ND	ND

[.] E - means . $\times 10$.

ND: when the detected amount is below the detection limit in this analysis (I-131: approx. 2E-2Bq/cm3, Cs-134: approx. 7E-3Bq/cm3, Cs-137: approx. 7E-3Bq/cm3)

Place of Sampling	3 km offsho Takadokobama Upper Lay	shore	3 km offsho Takadokobama Lower Lay	shore	3 km offsho Kujihama s Upper La	hore	3 km offsho Kujihama s Lower La	shore	3 km offsho Oarai sho Upper Lay	ore	3 km offsho Oarai sh Lower La	ore	Density limit by the announcement of Reactor Regulation	
Time and Date of Sample Collection	2011/6/ 8:57	/3	2011/6, 8:54		2011/6. 8:43	/4	2011/6. 8:41		2011/6/ 13:24		2011/6/4 13:30		(Bq/Ľ) (the density limit in	
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	the water outside of surrounding monitored areas in the section 6 of the appendix 2)	
I-131 (approx 8 days)	ND	-	ND	-	ND	ı	ND	-	ND	ı	ND	-	40	
Cs-134 (approx 2 yrs)	ND	-	ND	-	ND	ı	ND	-	ND	ı	ND	-	60	
Cs-137 (approx 30 yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90	
Mo-99 (approx 66 hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000	
Tc-99m (approx 6 hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000	
Te-129m (approx 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300	
Te-129 (approx70分)	ND	-	ND	-	ND	=	ND	-	ND	=	ND	-	10,000	
Te-132 (approx 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200	
I-132 (approx 2 hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000	
Cs-136 (approx 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300	
Ba-140 (approx 13	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300	
davs) La-140 (approx 2 davs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400	

Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

Detection limits of the three main nuclides are as follows: I-131: approx. 7Bq/L, Cs-134: approx. 17Bq/L, Cs-137: approx. 16Bq/L

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.

Place of Sampling	3 km offshore shore Upper La	yer	3 km offshore shore Lower La	yer	3 km offshore shore Upper La	yer	3 km offshore shore Lower La	yer					Density limit by the announcement of Reactor Regulation
Time and Date of Sample Collection	2011/6, 10:40		2011/6, 10:47		2011/6, 7:55	/3	2011/6 8:00						(Bq/L) (the density limit in
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	the water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (approx 8 days)	ND	-	ND	ı	ND	i	ND	-					40
Cs-134 (approx 2 yrs)	ND	-	ND	1	ND	i	ND	-					60
Cs-137 (approx 30 yrs)	ND	ı	ND	ı	ND	i	ND	-					90
Mo-99 (approx 66 hrs)	ND	-	ND	-	ND	-	ND	-					40,000
Tc-99m (approx 6 hrs)	ND	-	ND	-	ND	i	ND	-					40,000
Te-129m (approx 34 days)	ND	-	ND	-	ND	-	ND	-					300
Te-129 (approx70分)	ND	-	ND	-	ND	-	ND	-					10,000
Te-132 (approx 3 days)	ND	-	ND	-	ND	-	ND	-					200
I-132 (approx 2 hrs)	ND	ı	ND	ı	ND	i	ND	-					3,000
Cs-136 (approx 13 days)	ND	-	ND	-	ND	i	ND	-					300
Ba-140 (approx 13 davs) La-140	ND	-	ND	-	ND	-	ND	-					300
La-140 (approx 2 days)	ND	-	ND	-	ND	i	ND	-					400

Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

Detection limits of the three main nuclides are as follows: I-131: approx. 7Bq/L, Cs-134: approx. 17Bq/L, Cs-137: approx. 16Bq/L

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.

Place of Sampling	3 km offsho Takadokobama Upper Lay	shore	3 km offsho Takadokobama Lower Lay	shore	3 km offsho Kujihama s Upper La	hore	3 km offsho Kujihama s Lower La	shore	3 km offsho Oarai sho Upper Lay	ore	3 km offsho Oarai sh Lower La	ore	Density limit by the announcement of	
Time and Date of Sample Collection	2011/6, 8:43	/7	2011/6, 8:41		2011/6. 8:50		2011/6. 8:48		2011/6, 13:40		2011/6/8 13:36		Reactor Regulation (Bq/L) (the density limit in	
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	the water outside of surrounding monitored areas in the section 6 of the appendix 2)	
I-131 (approx 8 days)	ND	-	ND	-	ND	ı	ND	-	ND	ı	ND	-	40	
Cs-134 (approx 2 yrs)	ND	-	ND	-	ND	ı	ND	-	ND	ı	ND	-	60	
Cs-137 (approx 30 yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90	
Mo-99 (approx 66 hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000	
Tc-99m (approx 6 hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000	
Te-129m (approx 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300	
Te-129 (approx70分)	ND	-	ND	-	ND	=	ND	-	ND	=	ND	-	10,000	
Te-132 (approx 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200	
I-132 (approx 2 hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000	
Cs-136 (approx 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300	
Ba-140 (approx 13	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300	
davs) La-140 (approx 2 davs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400	

Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

Detection limits of the three main nuclides are as follows: I-131: approx. 7Bq/L, Cs-134: approx. 17Bq/L, Cs-137: approx. 16Bq/L

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.

Place of Sampling	3 km offshore shore Upper Lay		3 km offshore shore Lower Lay		3 km offshore o shore Upper Lay		3 km offshore o shore Lower Lay						Density limit by the announcement of
Time and Date of Sample Collection	2011/6, 10:32		2011/6, 10:35		2011/6, 7:49	/7	2011/6, 7:52						Reactor Regulation (Bq/L) (the density limit in
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	the water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (approx 8 days)	ND	-	ND	-	ND	-	ND	-					40
Cs-134 (approx 2 yrs)	ND	-	ND	ı	ND	ı	ND	-					60
Cs-137 (approx 30 yrs)	ND	-	ND	-	ND	-	ND	-					90
Mo-99 (approx 66 hrs)	ND	-	ND	-	ND	-	ND	-					40,000
Tc-99m (approx 6 hrs)	ND	-	ND	-	ND	-	ND	-					40,000
Te-129m (approx 34 days)	ND	-	ND	-	ND	-	ND	-					300
Te-129 (approx70)	ND	-	ND	-	ND	-	ND	-					10,000
Te-132 (approx 3 days)	ND	-	ND	-	ND	-	ND	-					200
I-132 (approx 2 hrs)	ND	-	ND	-	ND	-	ND	-					3,000
Cs-136 (approx 13 days)	ND	-	ND	-	ND	-	ND	-					300
Ba-140 (approx 13 days)	ND	-	ND	-	ND	-	ND	-					300
davs) La-140 (approx 2 davs)	ND	-	ND	-	ND	-	ND	-					400

Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

Detection limits of the three main nuclides are as follows: I-131: approx. 7Bq/L, Cs-134: approx. 17Bq/L, Cs-137: approx. 16Bq/L

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.

Place of Sampling	3 km offsho Takadokobama Upper Lay	shore	3 km offsho Takadokobama Lower Lay	shore	3 km offsho Kujihama s Upper La	hore	3 km offsho Kujihama s Lower La	shore	3 km offsho Oarai sho Upper Lay	ore	3 km offsho Oarai sh Lower La	ore	Density limit by the announcement of Reactor Regulation	
Time and Date of Sample Collection	2011/6/ 8:52	10	2011/6/ 8:48		2011/6/ 9:08	11	2011/6/ 9:04		2011/6/ 12:37		2011/6/11 12:41		(Bq/Ľ) (the density limit in	
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	the water outside of surrounding monitored areas in the section 6 of the appendix 2)	
I-131 (approx 8 days)	ND	-	ND	-	ND	ı	ND	-	ND	ı	ND	-	40	
Cs-134 (approx 2 yrs)	ND	-	ND	-	ND	ı	ND	-	ND	ı	ND	1	60	
Cs-137 (approx 30 yrs)	ND	-	ND	-	ND	1	ND	-	ND	1	ND	-	90	
Mo-99 (approx 66 hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000	
Tc-99m (approx 6 hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000	
Te-129m (approx 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300	
Te-129 (approx70分)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000	
Te-132 (approx 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200	
I-132 (approx 2 hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000	
Cs-136 (approx 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300	
Ba-140 (approx 13	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300	
davs) La-140 (approx 2 davs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400	

Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

Detection limits of the three main nuclides are as follows: I-131: approx. 7Bq/L, Cs-134: approx. 17Bq/L, Cs-137: approx. 16Bq/L

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.

Place of Sampling	3 km offshore shore Upper Lay		3 km offshore shore Lower Lay		3 km offshore o shore Upper Lay		3 km offshore shore Lower La						Density limit by the announcement of
Time and Date of Sample Collection	2011/6/ 10:20		2011/6/ 10:24		2011/6/ 7:39	10	2011/6/ 7:41						Reactor Regulation (Bq/L) (the density limit in
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	the water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (approx 8 days)	ND	-	ND	-	ND	-	ND	-					40
Cs-134 (approx 2 yrs)	ND	-	ND	ı	ND	ı	ND	-					60
Cs-137 (approx 30 yrs)	ND	-	ND	-	ND	-	ND	-					90
Mo-99 (approx 66 hrs)	ND	-	ND	-	ND	-	ND	-					40,000
Tc-99m (approx 6 hrs)	ND	-	ND	-	ND	-	ND	-					40,000
Te-129m (approx 34 days)	ND	-	ND	-	ND	-	ND	-					300
Te-129 (approx70)	ND	-	ND	-	ND	-	ND	-					10,000
Te-132 (approx 3 days)	ND	-	ND	-	ND	-	ND	-					200
I-132 (approx 2 hrs)	ND	-	ND	-	ND	-	ND	-					3,000
Cs-136 (approx 13 days)	ND	-	ND	-	ND	-	ND	-					300
Ba-140 (approx 13	ND	-	ND	-	ND	-	ND	-					300
davs) La-140 (approx 2 davs)	ND	-	ND	-	ND	-	ND	-					400

Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

Detection limits of the three main nuclides are as follows: I-131: approx. 7Bq/L, Cs-134: approx. 17Bq/L, Cs-137: approx. 16Bq/L

In the case that the data is below measurable limit, "ND" is stated.

Place of Sampling	3 km offsho Takadokobama Upper Lay	shore	3 km offsho Takadokobama Lower Lay	shore	3 km offsho Kujihama s Upper La	hore	3 km offsho Kujihama s Lower La	shore	3 km offsho Oarai sho Upper Lay	ore	3 km offsho Oarai sh Lower La	ore	Density limit by the announcement of	
Time and Date of Sample Collection	2011/6/ 10:15		2011/6/ 10:14		2011/6/ 8:43	15	2011/6/ 8:41		2011/6/ 13:14		2011/6/15 13:12		Reactor Regulation (Bq/L) (the density limit in	
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	the water outside of surrounding monitored areas in the section 6 of the appendix 2)	
I-131 (approx 8 days)	ND	-	ND	-	ND	ı	ND	-	ND	ı	ND	-	40	
Cs-134 (approx 2 yrs)	ND	-	ND	-	ND	ı	ND	-	ND	ı	ND	-	60	
Cs-137 (approx 30 yrs)	ND	-	ND	-	ND	1	ND	-	ND	1	ND	-	90	
Mo-99 (approx 66 hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000	
Tc-99m (approx 6 hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000	
Te-129m (approx 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300	
Te-129 (approx70分)	ND	-	ND	-	ND	=	ND	-	ND	=	ND	-	10,000	
Te-132 (approx 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200	
I-132 (approx 2 hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000	
Cs-136 (approx 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300	
Ba-140 (approx 13	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300	
davs) La-140 (approx 2 davs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400	

Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

Detection limits of the three main nuclides are as follows: I-131: approx. 7Bq/L, Cs-134: approx. 17Bq/L, Cs-137: approx. 16Bq/L

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.

Place of Sampling	3 km offshore shore Upper Lay		3 km offshore shore Lower Lay		3 km offshore o shore Upper Lay		3 km offshore shore Lower La						Density limit by the announcement of
Time and Date of Sample Collection	2011/6/ 10:52		2011/6/ 10:50		2011/6/ 7:42		2011/6/ 7:40						Reactor Regulation (Bq/L) (the density limit in
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	the water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (approx 8 days)	ND	-	ND	-	ND	-	ND	-					40
Cs-134 (approx 2 yrs)	ND	ı	ND	-	ND	ı	ND	-					60
Cs-137 (approx 30 yrs)	ND		ND	-	ND	-	ND	-					90
Mo-99 (approx 66 hrs)	ND	-	ND	-	ND	-	ND	-					40,000
Tc-99m (approx 6 hrs)	ND	-	ND	-	ND	-	ND	-					40,000
Te-129m (approx 34 days)	ND	-	ND	-	ND	-	ND	-					300
Te-129 (approx70)	ND	-	ND	-	ND	-	ND	-					10,000
Te-132 (approx 3 days)	ND	-	ND	-	ND	-	ND	-					200
I-132 (approx 2 hrs)	ND	-	ND	-	ND	-	ND	-					3,000
Cs-136 (approx 13 days)	ND	-	ND	-	ND	-	ND	-					300
Ba-140 (approx 13	ND	-	ND	-	ND	-	ND	-					300
davs) La-140 (approx 2 davs)	ND	-	ND	-	ND	-	ND	-					400

Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

Detection limits of the three main nuclides are as follows: I-131: approx. 7Bq/L, Cs-134: approx. 17Bq/L, Cs-137: approx. 16Bq/L

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

In the case that the data is below measurable limit, "ND" is stated.