

Readings of Sea Area Monitoring at Post Out of Fukushima Dai-ichi NPP

May 8, 2011
Ministry of Education, Culture, Sports, Science and
Technology (MEXT)

1. Radioactivity Concentration Undersea

Sampling Point ¹	Sampling Time and Date	Radioactivity Concentration ³ (Bq / L)								
		Outer Layer			Middle Layer ²			Lower Layer ²		
		I-131	Cs-134	Cs-137	I-131	Cs-134	Cs-137	I-131	Cs-134	Cs-137
[S-1]	2011/5/7 6:15	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable
[9]	2011/5/7 11:10	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable
[S-3]	2011/5/7 12:08	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable

1 Seawater is only collected at 3 points below because of stormy weather. The character enclosed in parentheses (Ex. [1]) indicates monitoring points on Page 2.

2 The water depths of the middle layer and the lower layer are shown in the table on the second page.

3 The detection limits for radioactivity concentration in sea water are approximately 10 Bq/L for both iodine and cesium.

2. Air dose rate over the Sea

Sampling Point ¹	Sampling Time and Date	Reading (μ Sv/h) ²	Weather
[S-1]	2011/5/7 6:15	0.011	No rain
[9]	2011/5/7 11:10	0.013	No rain
[S-3]	2011/5/7 12:08	0.010	No rain

1 Seawater is only collected at 3 points below because of stormy weather. The character enclosed in parentheses (Ex. [1]) indicates monitoring points on Page 2.

2 Type of detector : CsI(Tl) scintillation detector (PDR-101, ALOKA)

3. Reading of Radioactivity Concentration in dust over the Sea

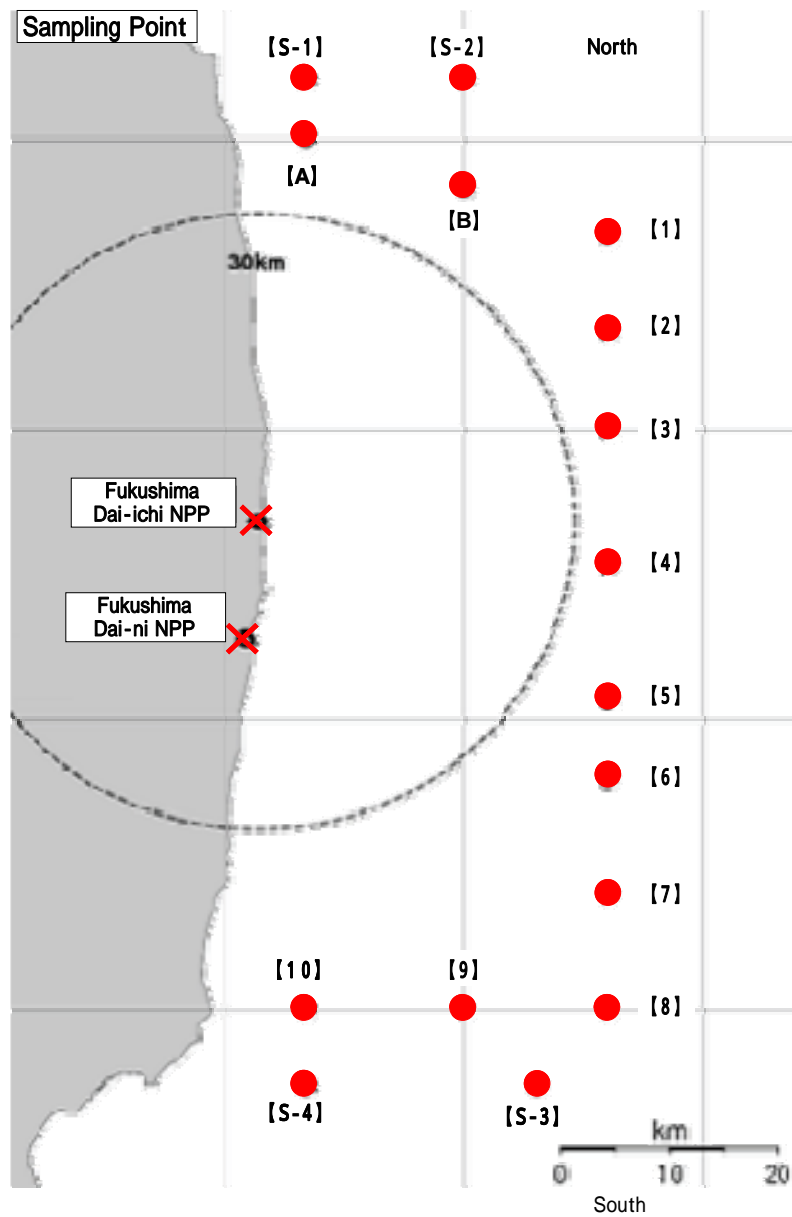
Sampling Point ¹	Sampling Time and Date	Radioactivity Concentration ² (Bq / m ³)		
		I-131	Cs-134	Cs-137
[9]	2011/5/7 11:10	Not detectable	Not detectable	Not detectable

1 Seawater is only collected at 1 point below because of stormy weather. The character enclosed in parentheses (Ex. [1]) indicates monitoring points on Page 2.

2 The detection limits for radioactivity concentration in dust are approximately 0.5 Bq/m³ for iodine and approximately 3 Bq/m³ for cesium.

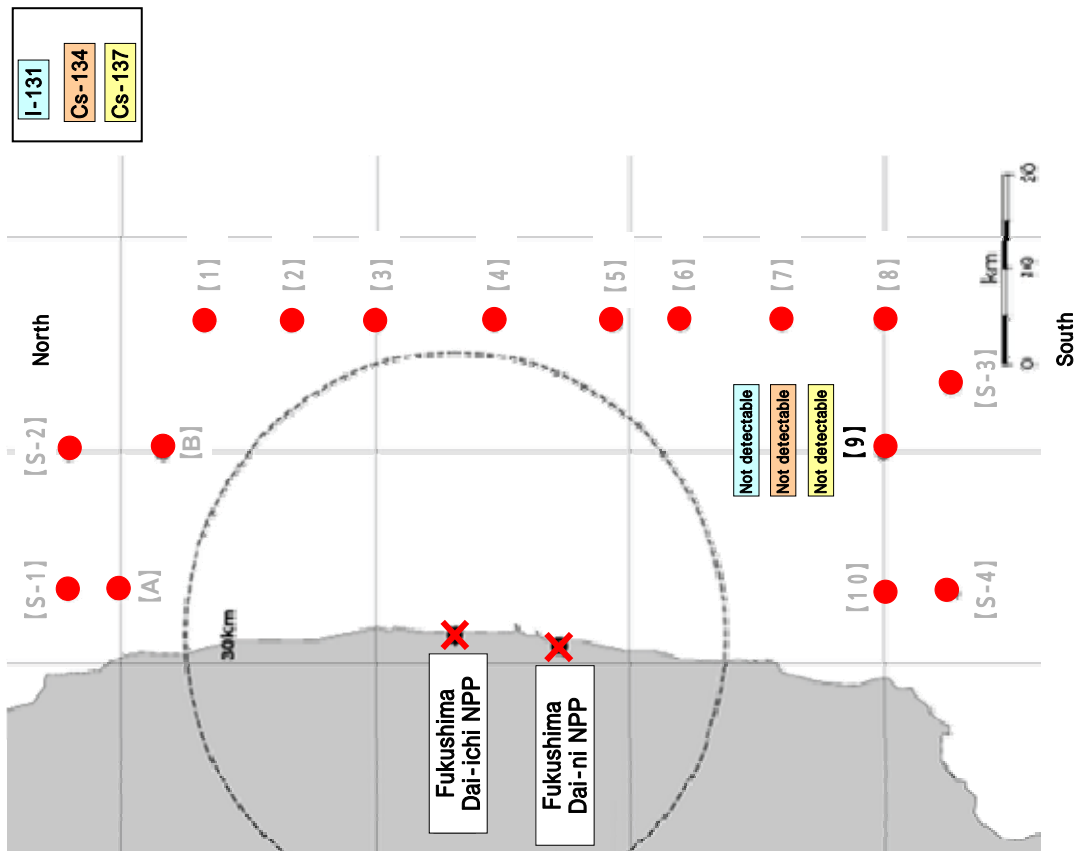
Each sampling point is indicated below

Sampling Point ¹	Latitude, Longitude	Sampling depth in middle layer	Sampling depth in lower layer
[S-1]	37 ° 48.3 N , 141 ° 05.0 E	16 m	20 m
[9]	37 ° 00.0 N , 141 ° 15.0 E	70 m	132 m
[S-3]	36 ° 56.5 N , 141 ° 19.0 E	85 m	161m

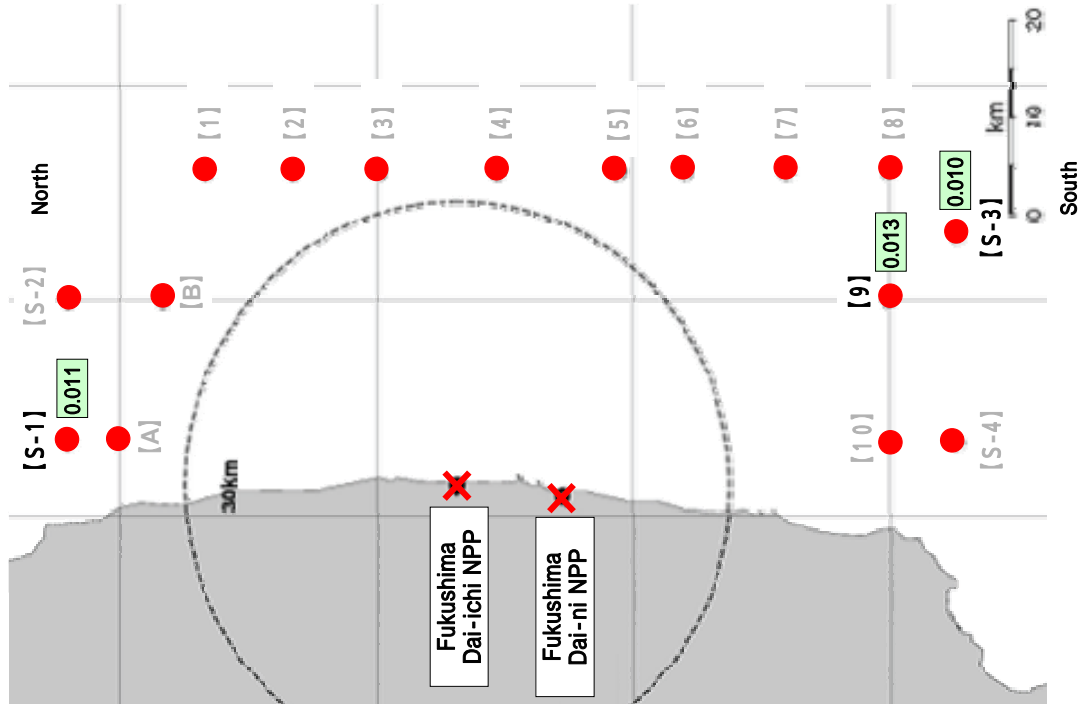


The readings of temperatures and salinity levels of seawater at the measurement points are put on the websites of JAMSTEC below.
<http://www.godac.jamstec.go.jp/monitoringdata/>

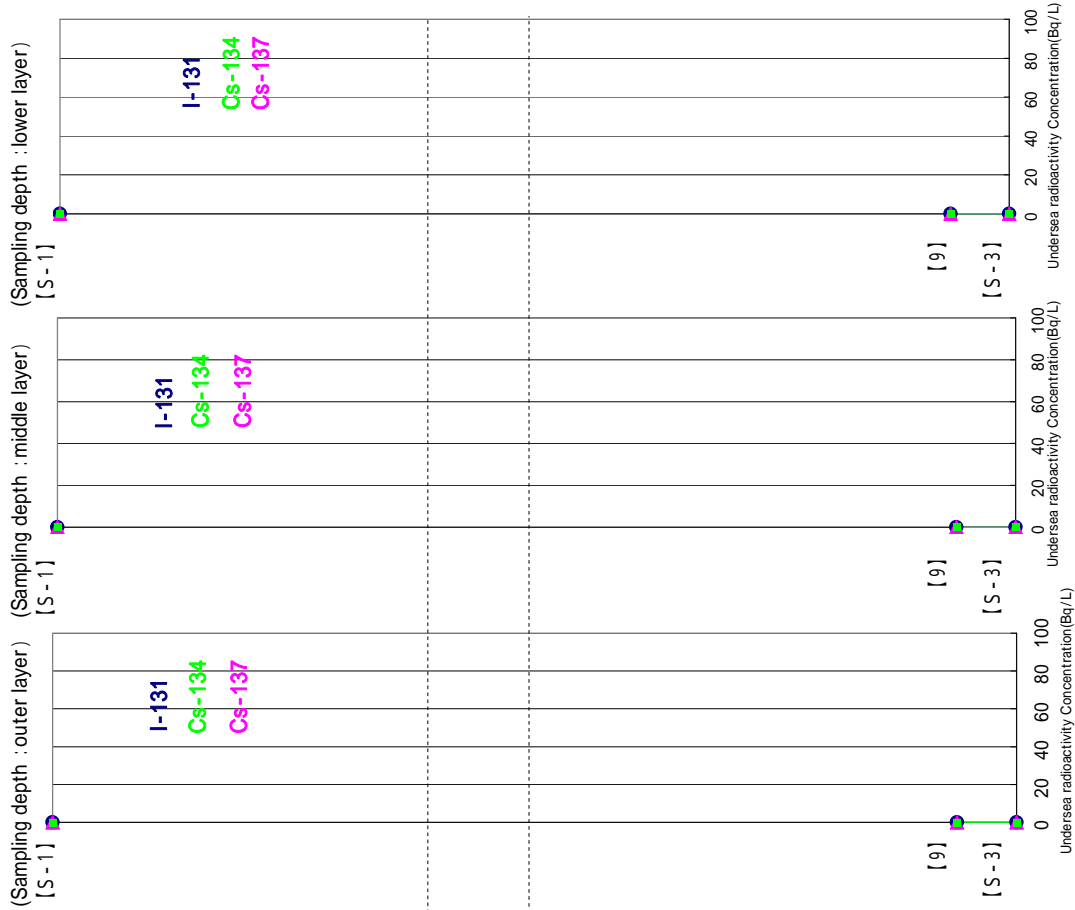
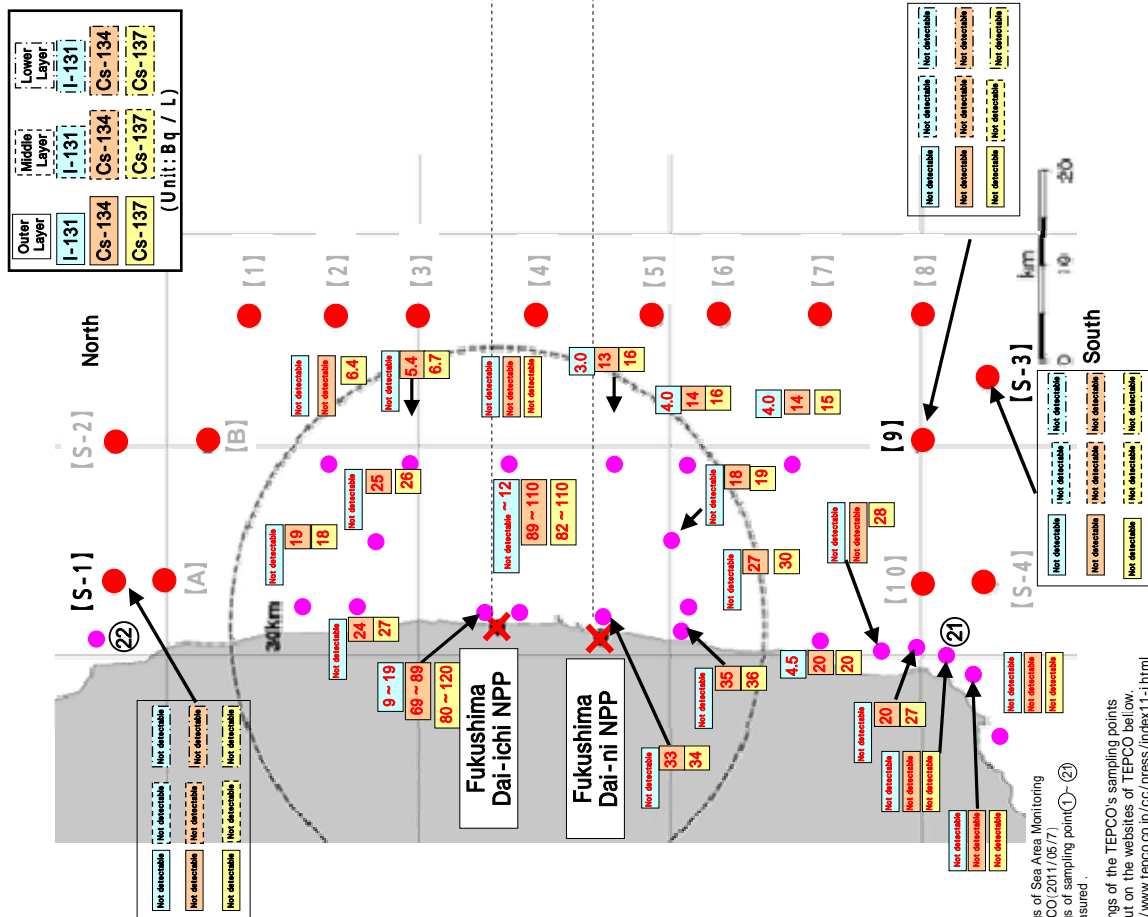
Reading of Radioactivity Concentration in dust over the Sea (Unit: Bq / m³)



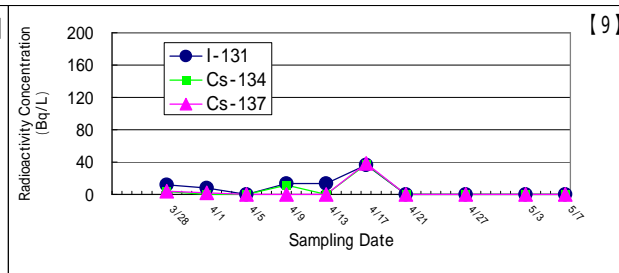
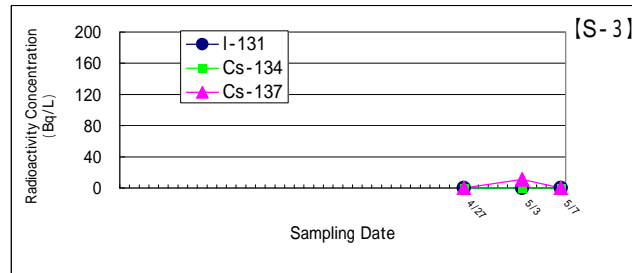
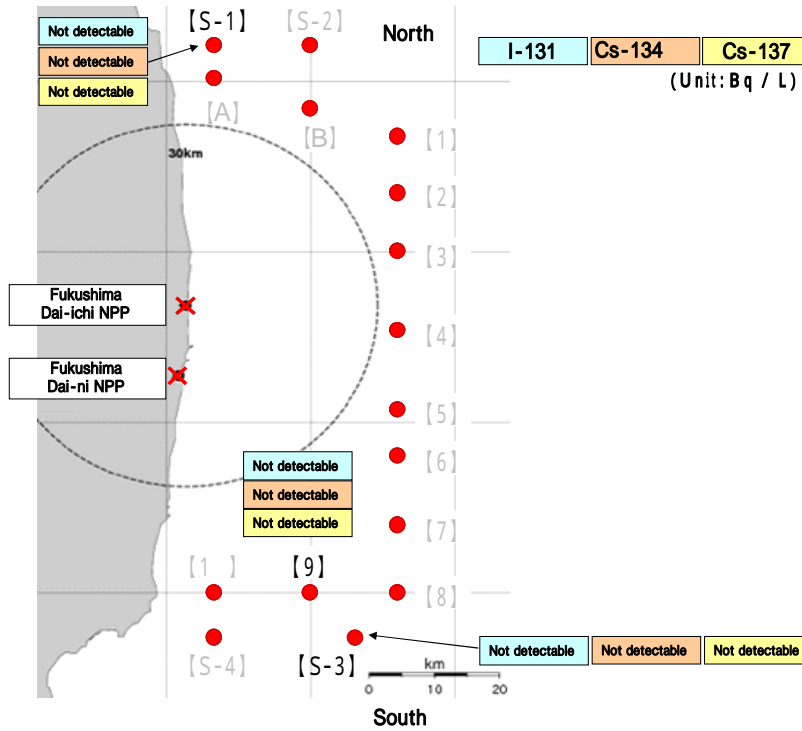
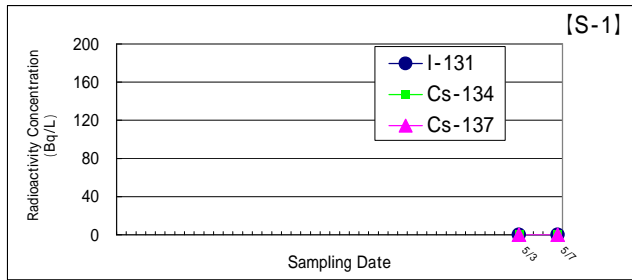
Air dose rate over the Sea (Unit: μ Sv / h)



Readings of Sea Area Monitoring May 7, 2011

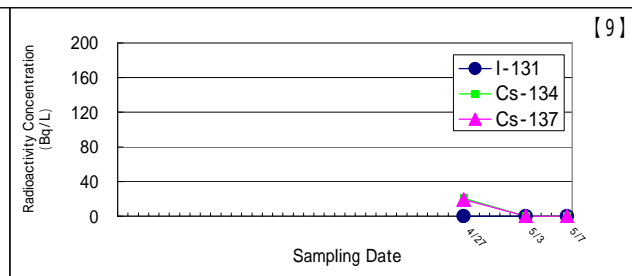
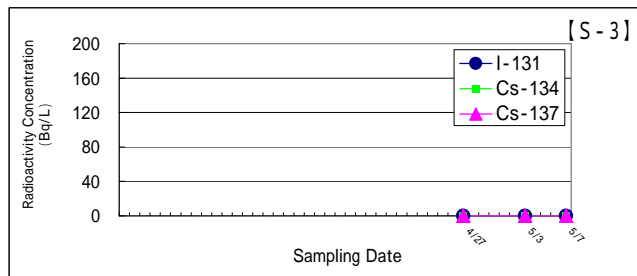
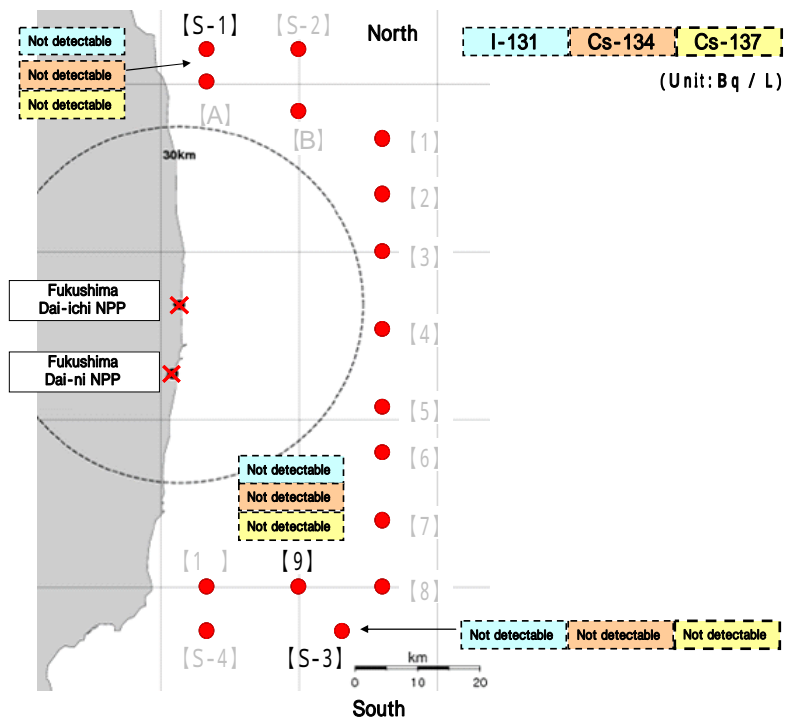
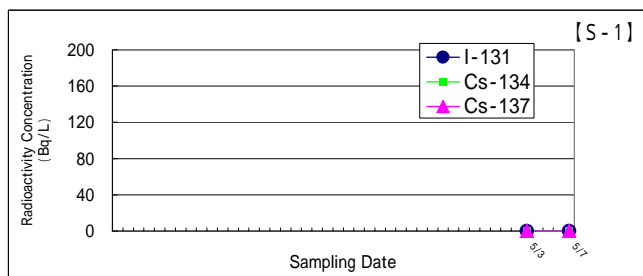


Readings of Sea Area Monitoring at Post Out of Fukushima Dai-ichi NPP
Result of Radioactivity Concentration in the Sea (outer layer)



Note: "Not Detectable" is illustrated as 0Bq/L.

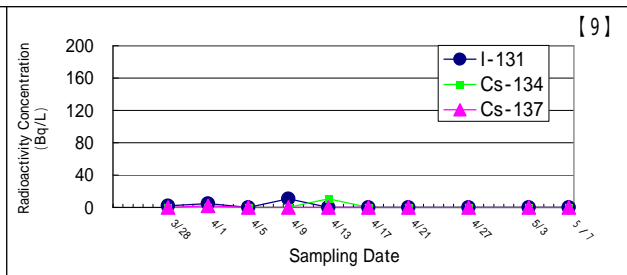
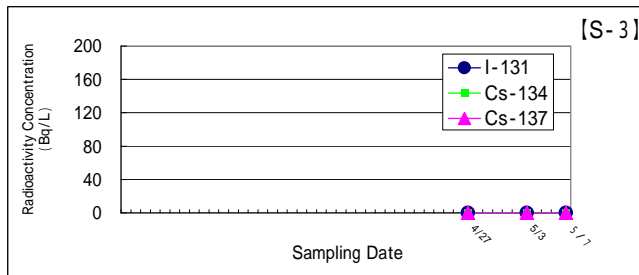
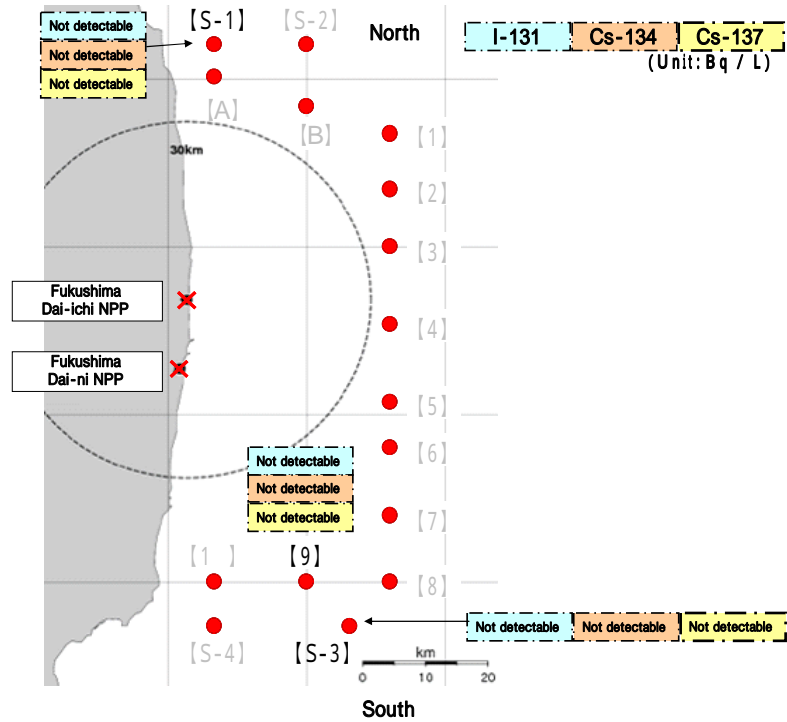
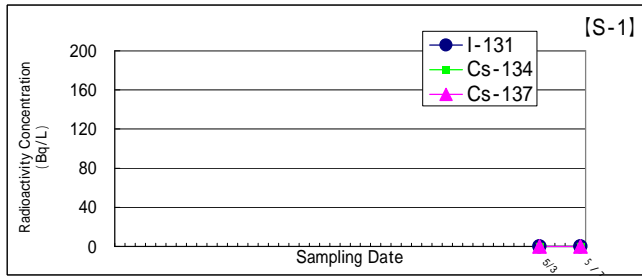
Readings of Sea Area Monitoring at Post Out of Fukushima Dai-ichi NPP
Result of Radioactivity Concentration in the Sea (middle layer)



Note: "Not Detectable" is illustrated as 0 Bq/L.

Readings of Sea Area Monitoring at Post Out of Fukushima Dai-ichi NPP
Result of Radioactivity Concentration in the Sea (lower layer)

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Note: "Not Detectable" is illustrated as 0 Bq/L.