

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

April 29, 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
[1]	2011/4/27 12:20	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable
[3]	2011/4/27 10:58	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable
[5]	2011/4/27 9:24	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable
[7]	2011/4/27 7:57	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable
[9]	2011/4/27 6:53	Not detectable	Not detectable	Not detectable	Not detectable	20.6	19.4	Not detectable	Not detectable	Not detectable
[S-3]	2011/4/27 5:54	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable	Not detectable

※1 The sampling survey was conducted at six locations. Figures in square brackets [] denote the monitoring spot numbers shown on the second page. Since the oceanic conditions deteriorated at monitoring point [1], the planned monitoring at points [A] and [S-1] was cancelled.

※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
[1]	2011/4/27 12:20	0.011	No rain
[3]	2011/4/27 10:58	0.012	No rain
[5]	2011/4/27 9:24	0.013	No rain
[7]	2011/4/27 7:57	0.012	No rain
[9]	2011/4/27 6:53	0.012	No rain
[S-3]	2011/4/27 5:54	0.008	No rain

※1 The sampling survey was conducted at six locations. Figures in square brackets [] denote the monitoring spot numbers shown on the second page. Since the oceanic conditions deteriorated at monitoring point [1], the planned monitoring at points [A] and [S-1] was cancelled.

※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
[1]	2011/4/27 12:20	Not detectable	Not detectable	Not detectable
[3]	2011/4/27 10:58	Not detectable	Not detectable	Not detectable
[5]	2011/4/27 9:24	Not detectable	Not detectable	Not detectable
[7]	2011/4/27 7:57	Not detectable	Not detectable	Not detectable
[9]	2011/4/27 6:53	Not detectable	Not detectable	Not detectable

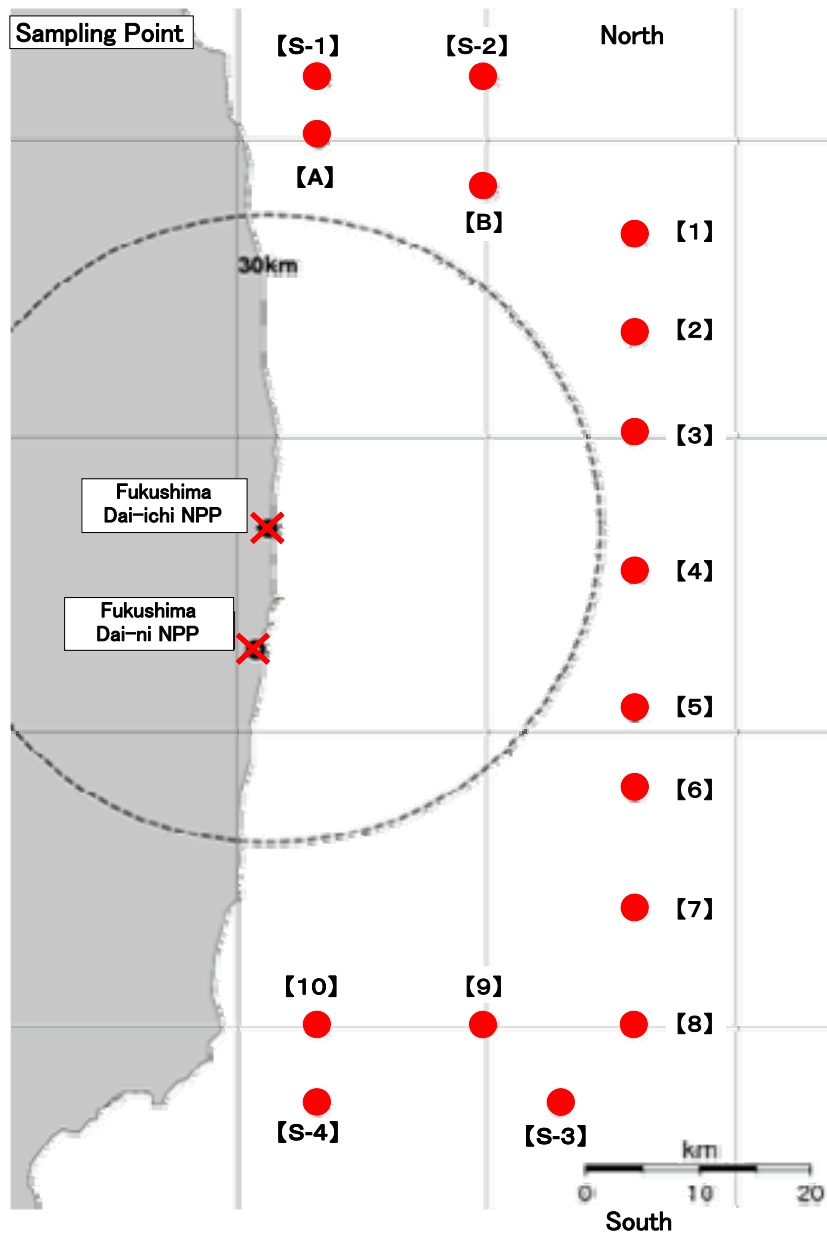
※1 The sampling survey was conducted at six locations. Figures in square brackets [] denote the monitoring spot numbers shown on the second page. Since the oceanic conditions deteriorated at monitoring point [1], the planned monitoring at points [A] and [S-1] was cancelled.

※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

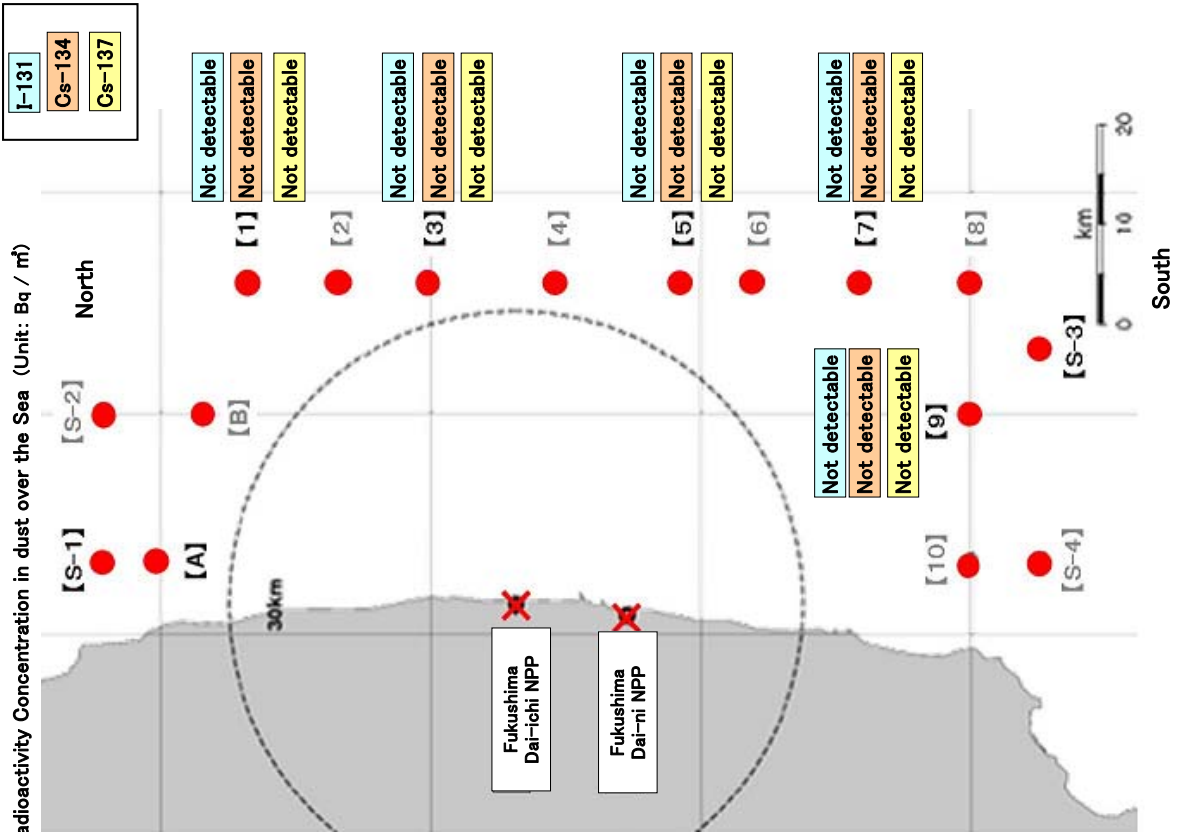
Sampling Point ^{※1}	Latitude, Longitude	Sampling depth in middle layer	Sampling depth in lower layer
[1]	37° 39.9' N, 141° 24.1' E	65 m	114 m
[3]	37° 29.9' N, 141° 24.1' E	70 m	122 m
[5]	37° 16.0' N, 141° 24.0' E	76 m	135 m
[7]	37° 06.1' N, 141° 24.0' E	84 m	160 m
[9]	37° 00.0' N, 141° 15.0' E	75 m	133 m
[S-3]	36° 56.6' N, 141° 19.0' E	90 m	163 m

※1 Since the oceanic conditions deteriorated at monitoring point [1], the planned monitoring at points [A] and [S-1] was cancelled.

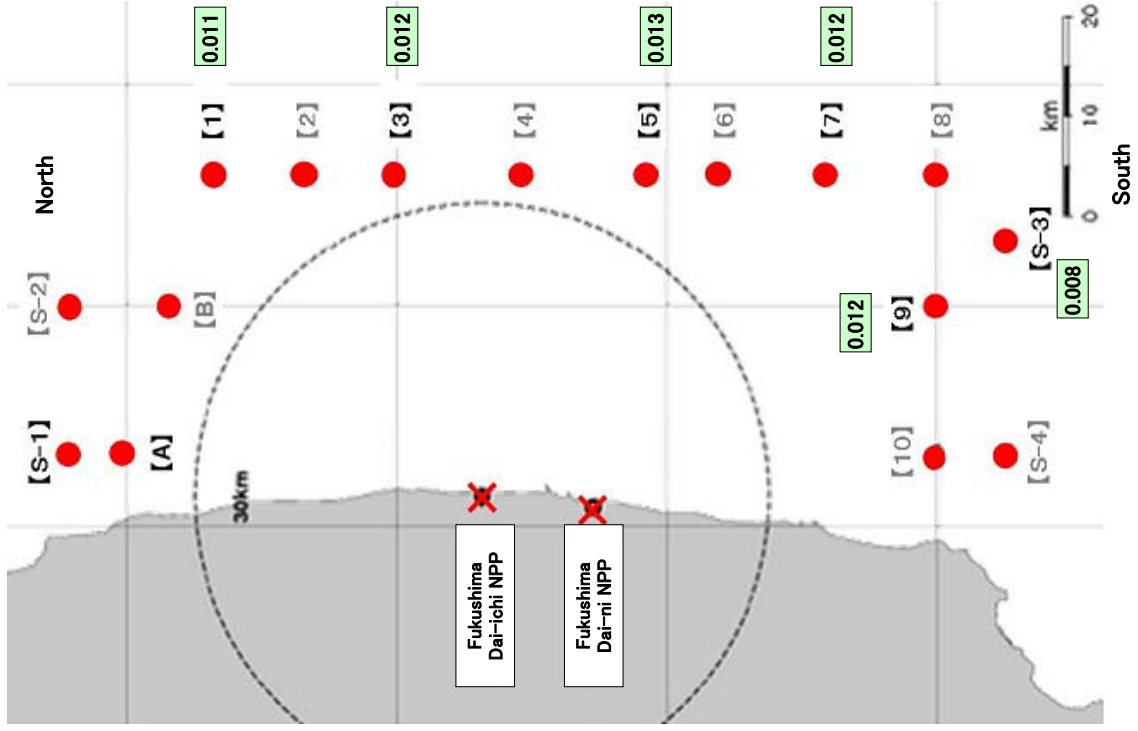


The readings of temperatures and salinity levels of seawater at the measurement points are put on the websites of JAMSTEC bellow.
<http://www.godac.jamstec.go.jp/monitoringdata/>

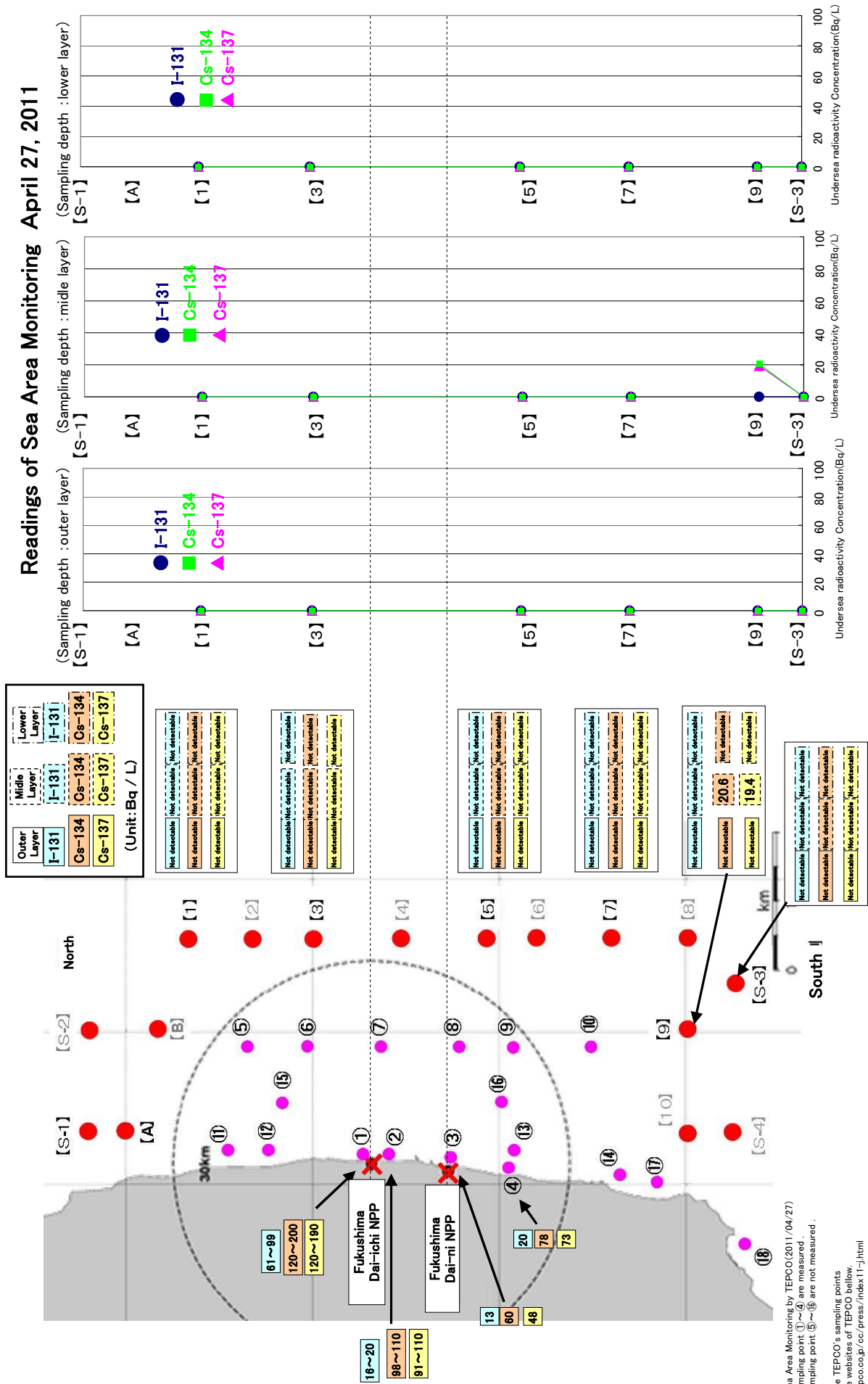
Reading of Radioactivity Concentration in dust over the Sea (Unit: Bq / mf)



Air dose rate over the Sea (Unit: $\mu\text{Sv} / \text{h}$)



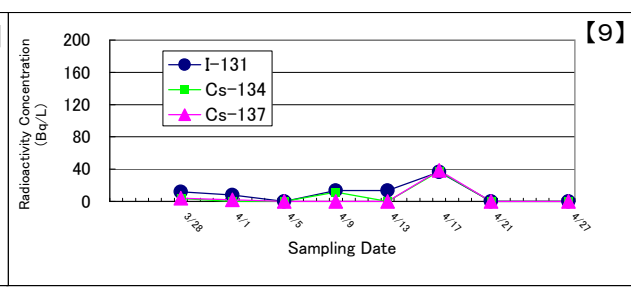
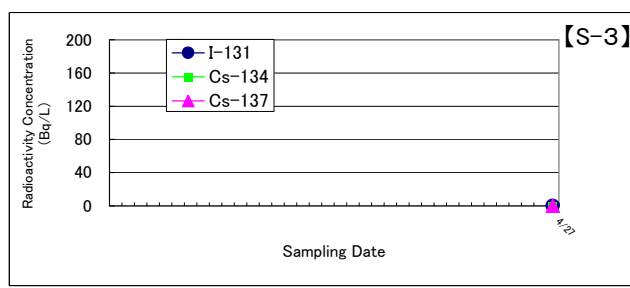
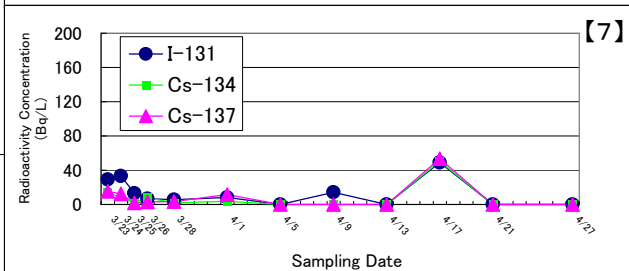
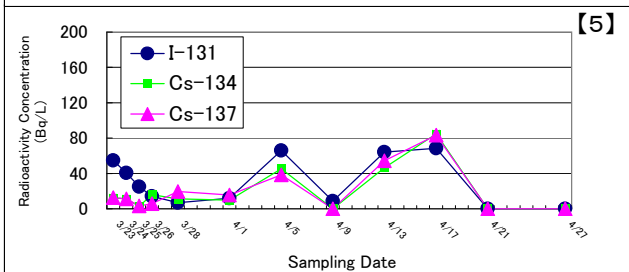
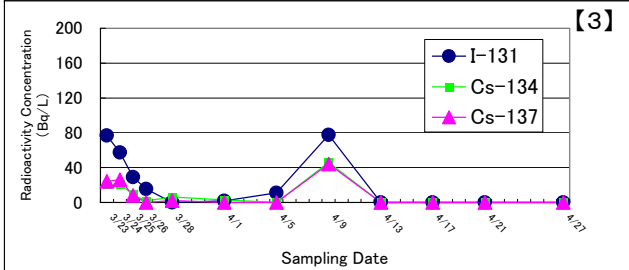
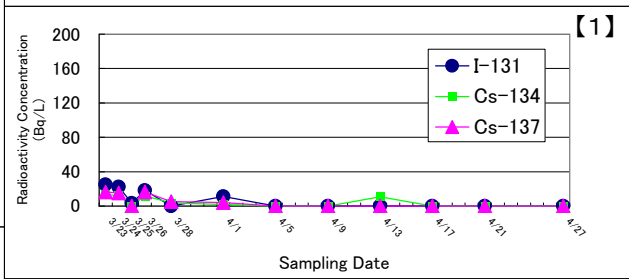
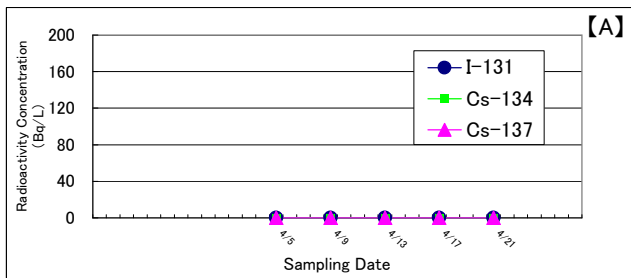
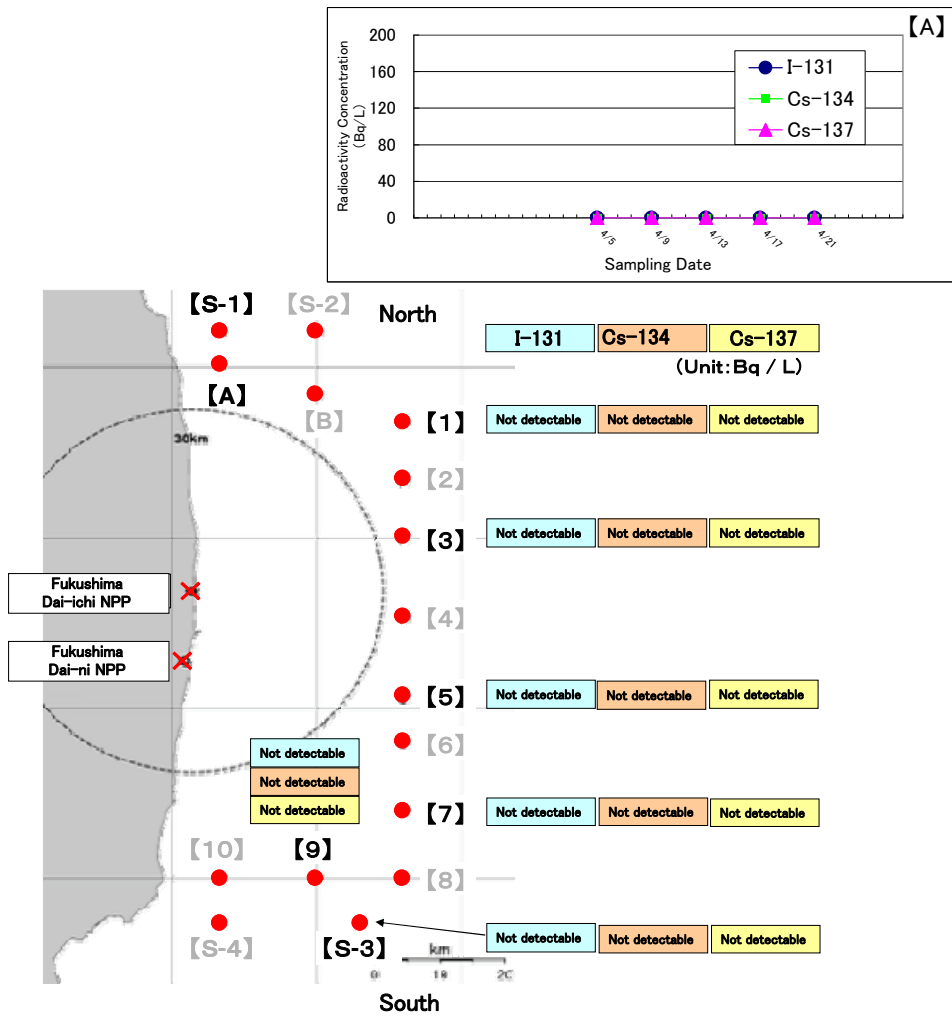
Readings of Sea Area Monitoring April 27, 2011



Readings of Sea Area Monitoring by TEPCO(2011/04/27)
 Readings of sampling point ①~④ are measured.
 Readings of sampling point ⑤~⑩ are not measured.
 Readings of the TEPCO's sampling points are put on the websites of TEPCO below.
<http://www.tepco.co.jp/cc/press/index11-j.html>

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

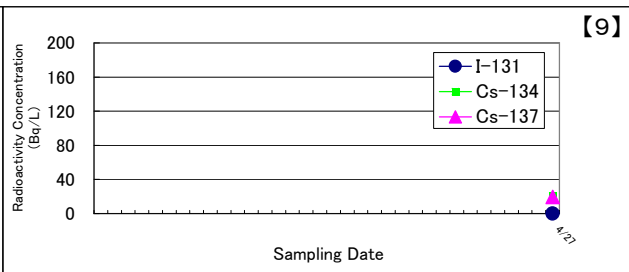
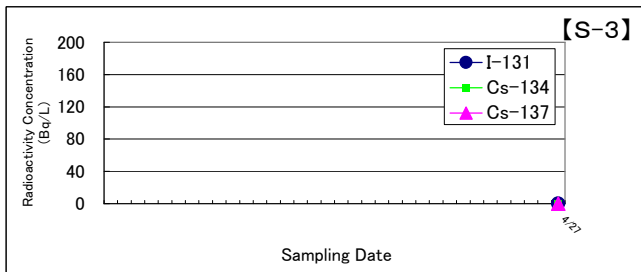
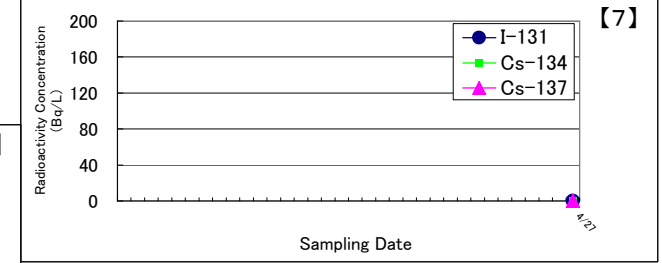
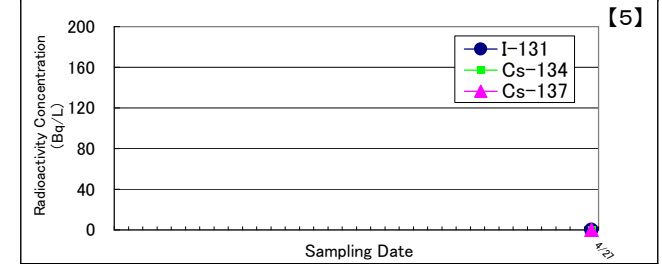
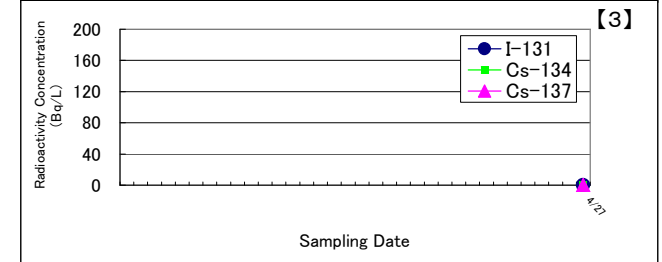
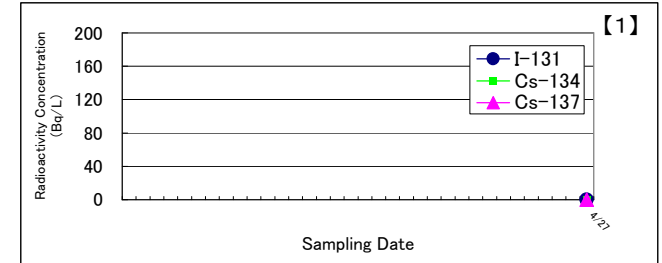
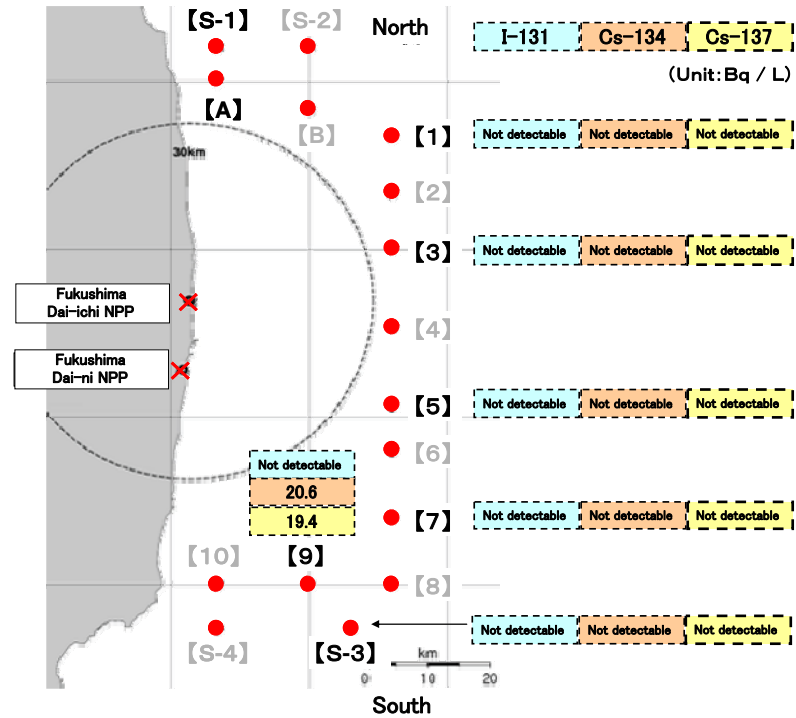
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Note: "Not Detectable" is illustrated as 0Bq/L.

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

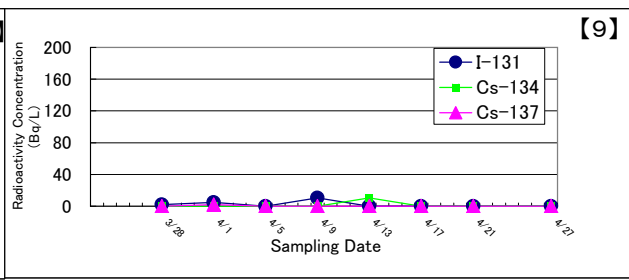
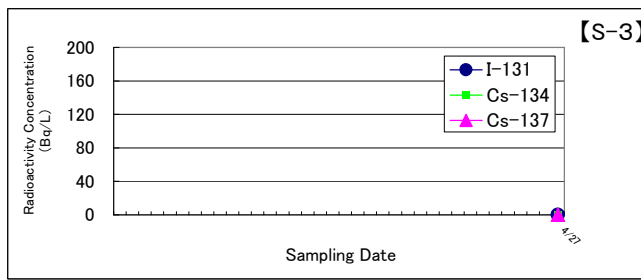
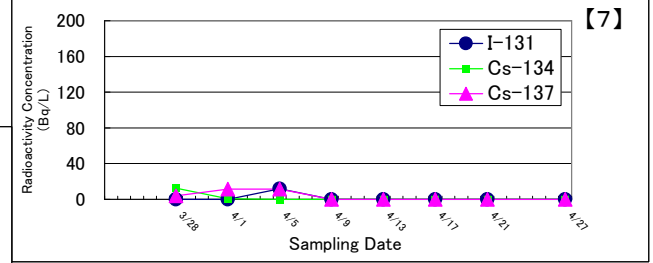
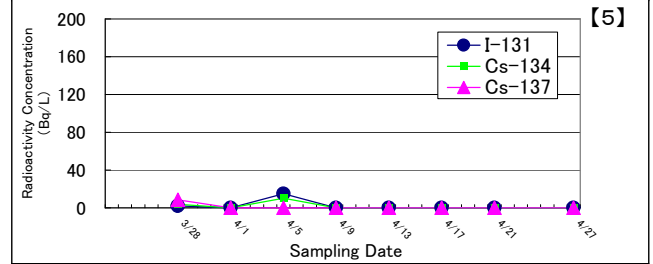
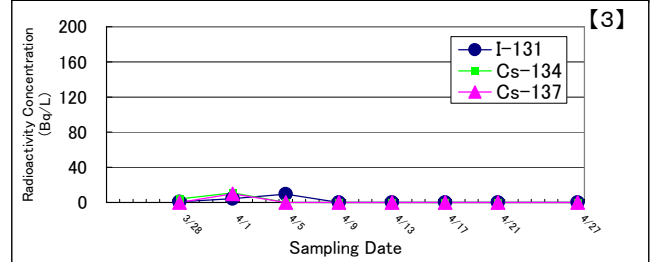
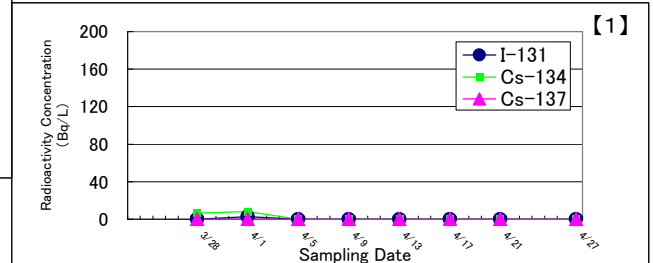
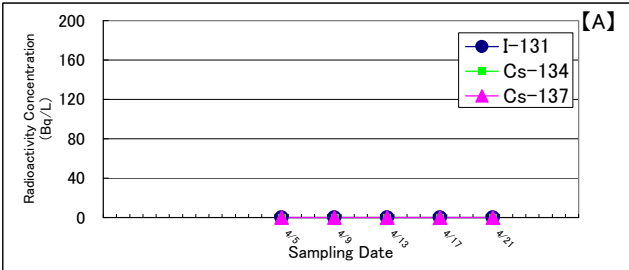
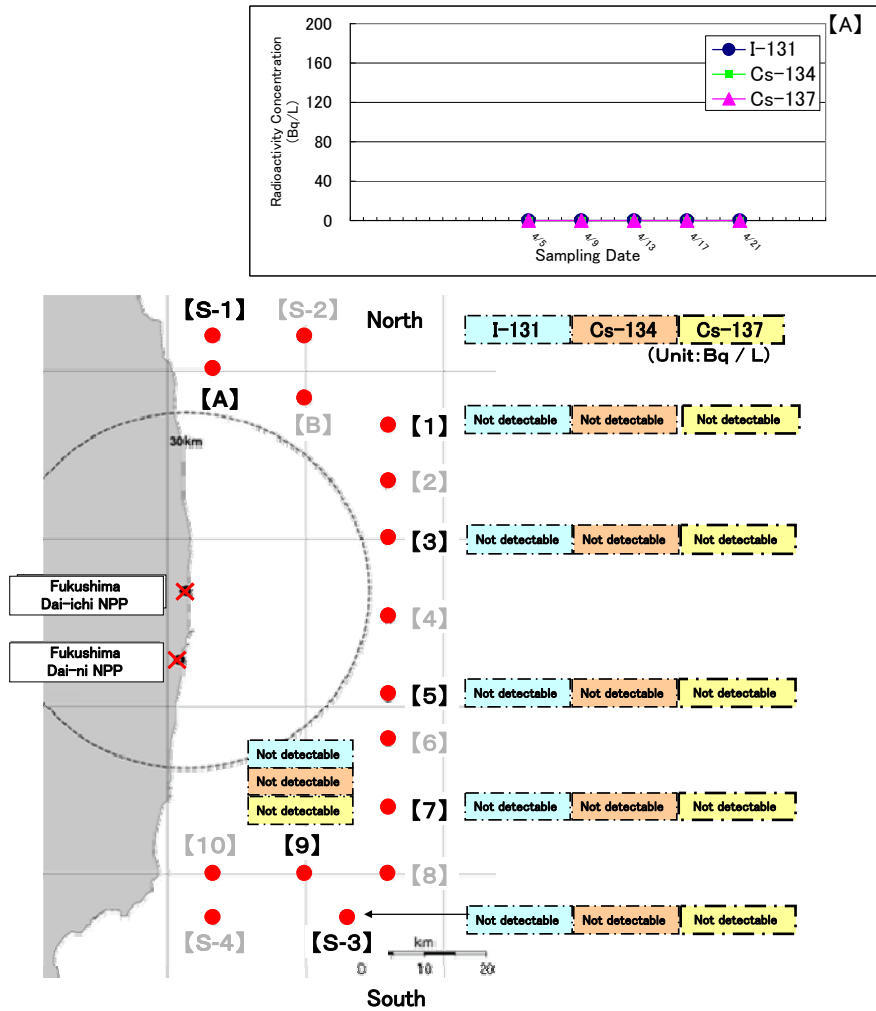
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Note: "Not Detectable" is illustrated as 0Bq/L.

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

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Note: "Not Detectable" is illustrated as OBq/L.