

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

May 5, 2011  
Ministry of Education, Culture, Sports, Science and Technology  
(MEXT)

## 1. Radioactivity Concentration Undersea

| Sampling Point <sup>※1</sup> | Sampling Time and Date | Radioactivity Concentration <sup>※3</sup> (Bq / L) |                |                |                            |                |                |                           |                |                |
|------------------------------|------------------------|--|----------------|----------------|----------------------------|----------------|----------------|---------------------------|----------------|----------------|
|                              |                        | Outer Layer  |                |                | Middle Layer <sup>※2</sup> |                |                | Lower Layer <sup>※2</sup> |                |                |
|                              |                        | I-131  | Cs-134         | Cs-137         | I-131                      | Cs-134         | Cs-137         | I-131                     | Cs-134         | Cs-137         |
| 【S-1】                        | 2011/5/3 5:40          | Not detectable                                     | Not detectable | Not detectable | Not detectable             | Not detectable | Not detectable | Not detectable            | Not detectable | Not detectable |
| 【A】                          | 2011/5/3 6:21          | Not detectable                                     | Not detectable | Not detectable | Not detectable             | Not detectable | Not detectable | Not detectable            | Not detectable | Not detectable |
| 【1】                          | 2011/5/3 8:07          | Not detectable                                     | Not detectable | Not detectable | Not detectable             | Not detectable | Not detectable | Not detectable            | Not detectable | Not detectable |
| 【3】                          | 2011/5/3 9:24          | Not detectable                                     | Not detectable | Not detectable | Not detectable             | Not detectable | Not detectable | Not detectable            | Not detectable | Not detectable |
| 【5】                          | 2011/5/3 10:52         | Not detectable                                     | Not detectable | Not detectable | Not detectable             | Not detectable | Not detectable | Not detectable            | Not detectable | Not detectable |
| 【7】                          | 2011/5/3 12:14         | Not detectable                                     | 14.2           | 11.4           | Not detectable             | Not detectable | Not detectable | Not detectable            | 11.2           | Not detectable |
| 【9】                          | 2011/5/3 13:27         | Not detectable                                     | Not detectable | Not detectable | Not detectable             | Not detectable | Not detectable | Not detectable            | Not detectable | Not detectable |
| 【S-3】                        | 2011/5/3 14:27         | Not detectable                                     | Not detectable | 11.2           | Not detectable             | Not detectable | Not detectable | Not detectable            | Not detectable | Not detectable |

※1 Seawater is collected at 8 points below .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 <sup>※1</sup> | Sampling Time and Date | Reading ( $\mu$ Sv/h) <sup>※2</sup> | Weather |
|------------------------------|------------------------|-------------------------------------|---------|
| 【S-1】                        | 2011/5/3 5:40          | 0.012                               | No rain |
| 【A】                          | 2011/5/3 6:21          | 0.013                               | No rain |
| 【1】                          | 2011/5/3 8:07          | 0.012                               | No rain |
| 【3】                          | 2011/5/3 9:24          | 0.011                               | No rain |
| 【5】                          | 2011/5/3 10:52         | 0.011                               | No rain |
| 【7】                          | 2011/5/3 12:14         | 0.014                               | No rain |
| 【9】                          | 2011/5/3 13:27         | 0.010                               | No rain |
| 【S-3】                        | 2011/5/3 14:27         | 0.014                               | No rain |

※1 Seawater is collected at 8 points below .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

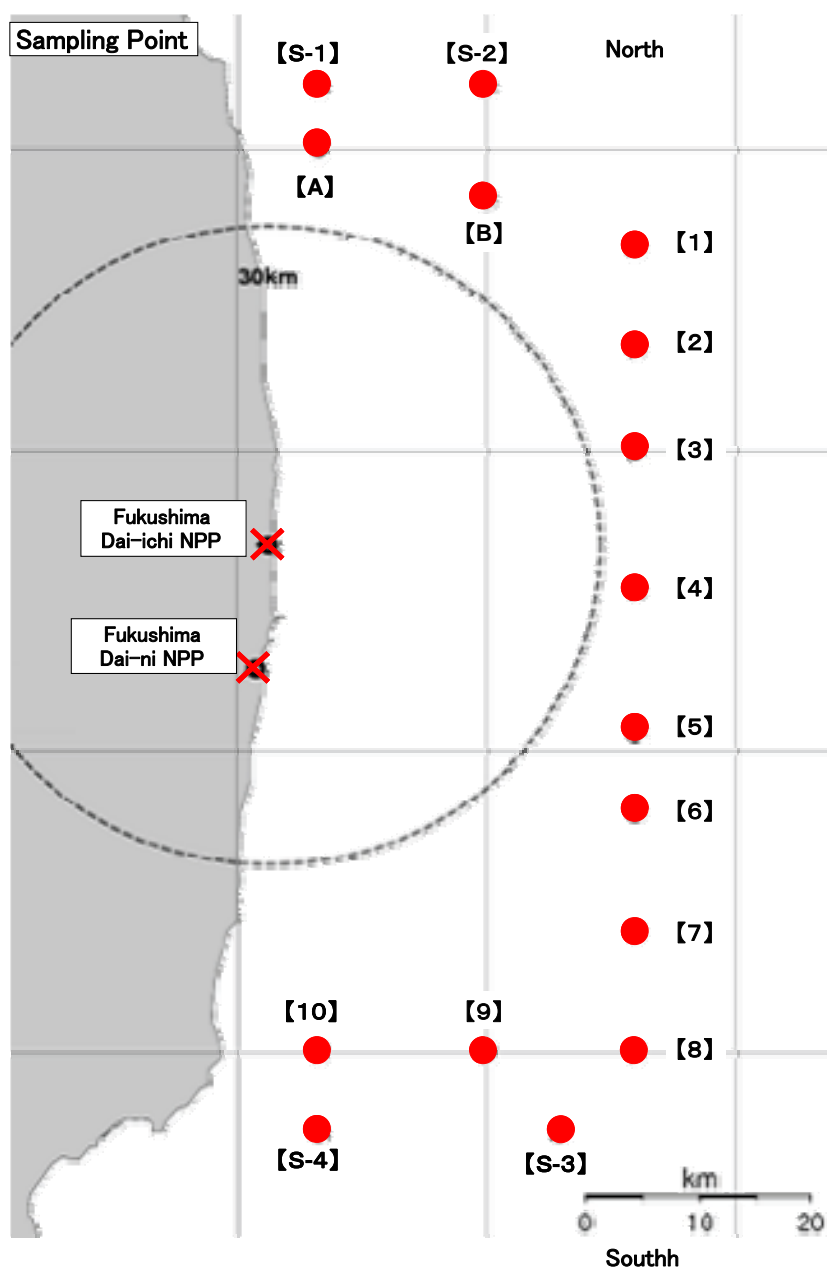
| Sampling Point <sup>※1</sup> | Sampling Time and Date | Radioactivity Concentration <sup>※2</sup> (Bq / m <sup>3</sup> ) |                |                |
|------------------------------|------------------------|--|----------------|----------------|
|                              |                        | I-131  | Cs-134         | Cs-137         |
| 【A】                          | 2011/5/3 6:21          | Not detectable   | Not detectable | Not detectable |
| 【1】                          | 2011/5/3 8:07          | Not detectable   | Not detectable | Not detectable |
| 【3】                          | 2011/5/3 9:24          | Not detectable   | Not detectable | Not detectable |
| 【5】                          | 2011/5/3 10:52         | Not detectable   | Not detectable | Not detectable |
| 【7】                          | 2011/5/3 12:14         | Not detectable   | Not detectable | Not detectable |
| 【9】                          | 2011/5/3 13:27         | Not detectable   | Not detectable | Not detectable |

※1 Seawater is collected at 6 points below .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/m<sup>3</sup> for iodine and approximately 3 Bq/m<sup>3</sup> for cesium.

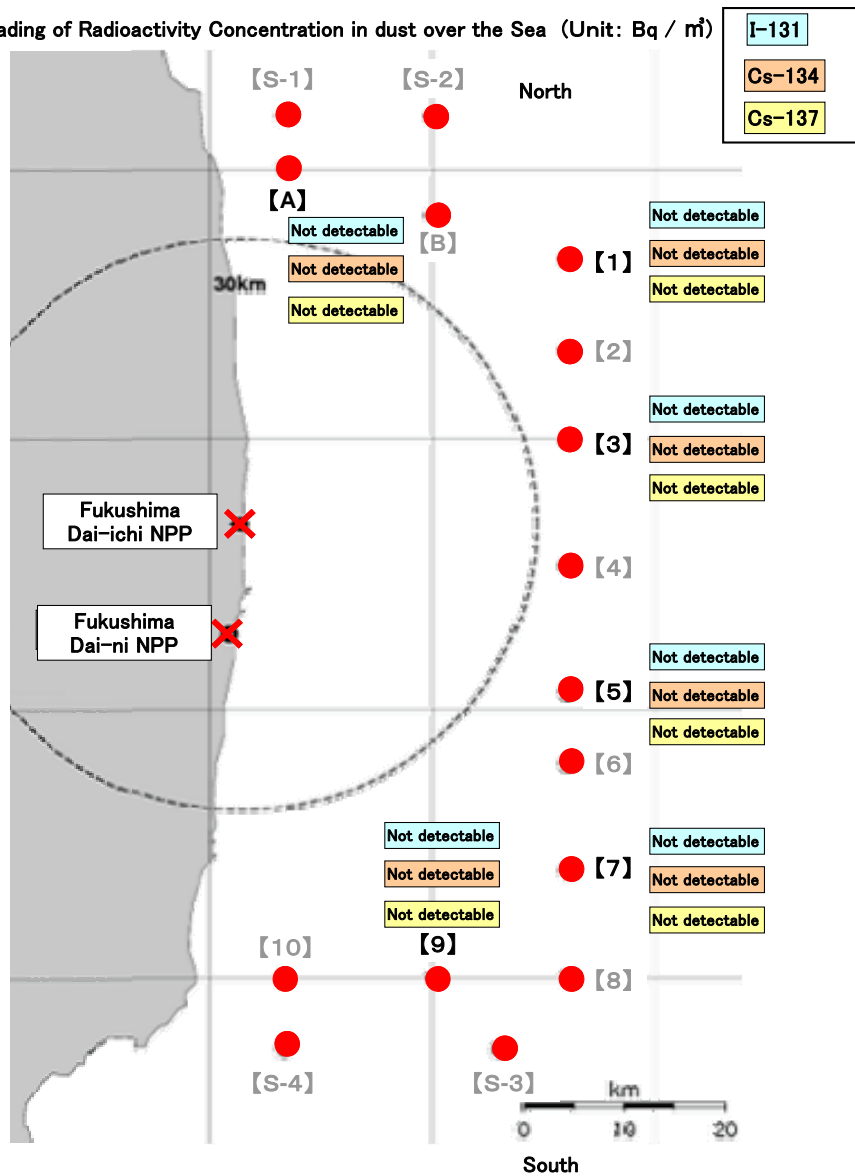
Each sampling point is indicated below

| Sampling Point <sup>*1</sup> | Latitude, Longitude       | Sampling depth in middle layer | Sampling depth in lower layer |
|------------------------------|---------------------------|--------------------------------|-------------------------------|
| 【S-1】                        | 37° 48.2' N, 141° 05.3' E | 15 m                           | 20 m                          |
| 【A】                          | 37° 44.9' N, 141° 05.1' E | 14 m                           | 20 m                          |
| 【1】                          | 37° 40.0' N, 141° 24.0' E | 61 m                           | 114 m                         |
| 【3】                          | 37° 30.0' N, 141° 24.1' E | 64 m                           | 122 m                         |
| 【5】                          | 37° 15.9' N, 141° 23.9' E | 74 m                           | 136 m                         |
| 【7】                          | 37° 05.9' N, 141° 24.0' E | 85 m                           | 160 m                         |
| 【9】                          | 37° 00.0' N, 141° 15.0' E | 70 m                           | 133 m                         |
| 【S-3】                        | 36° 56.5' N, 141° 19.0' E | 83 m                           | 164 m                         |

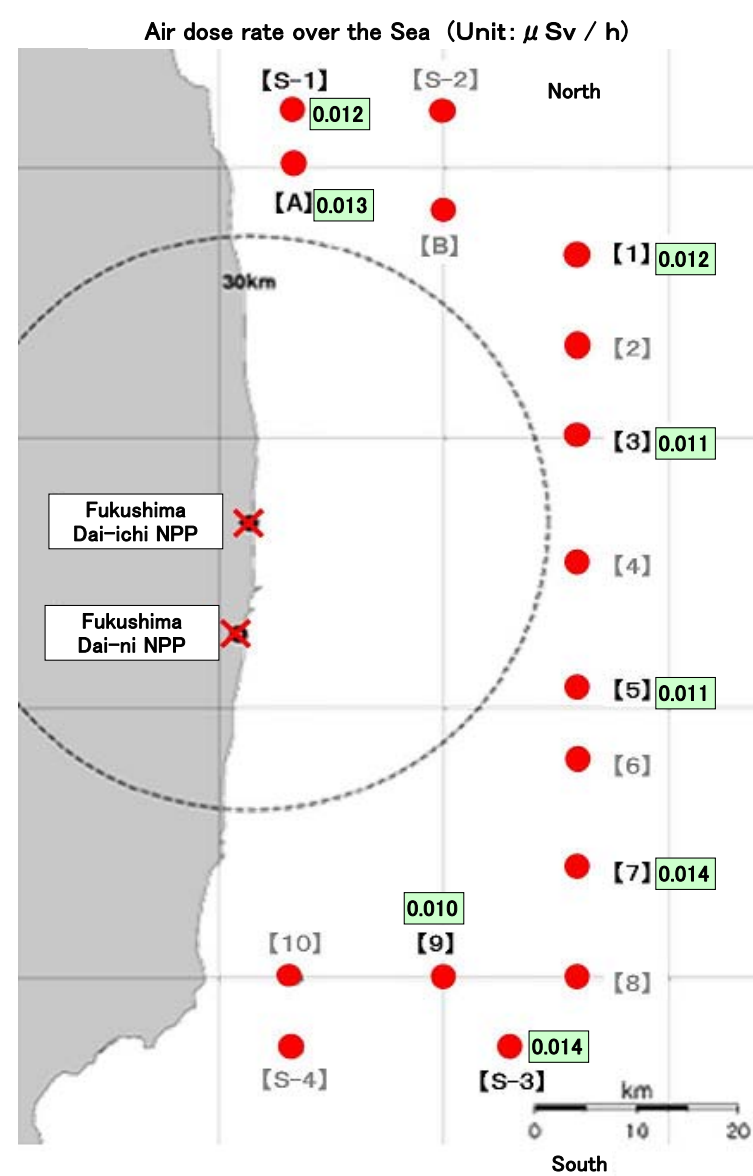


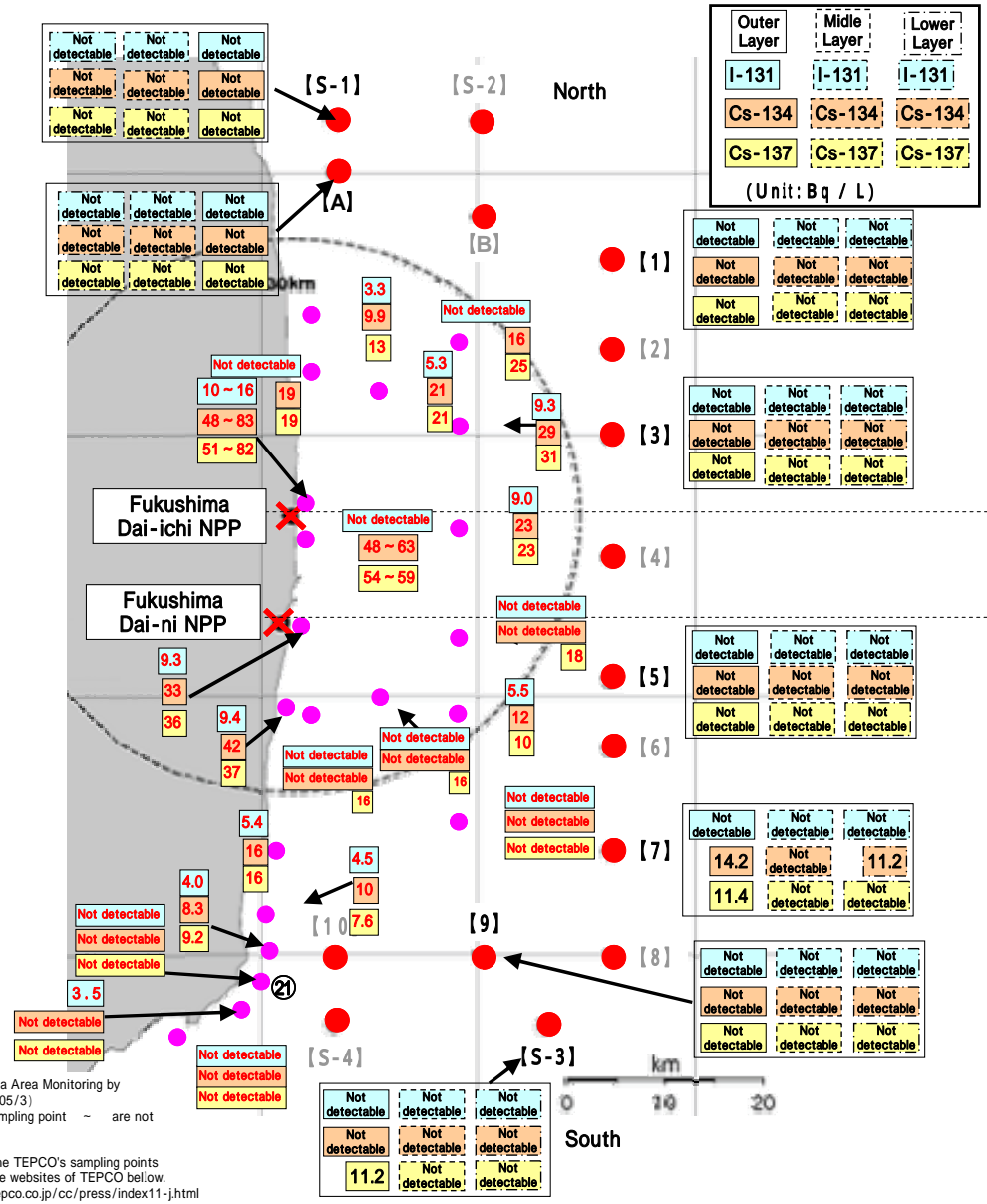
The readings of temperatures and salinity levels of seawater at the measurement points are put on the websites of JAMSTEC below.  
<http://www.godac.jamstec.go.jp/monitoringdata/>

Reading of Radioactivity Concentration in dust over the Sea (Unit: Bq / m<sup>3</sup>)

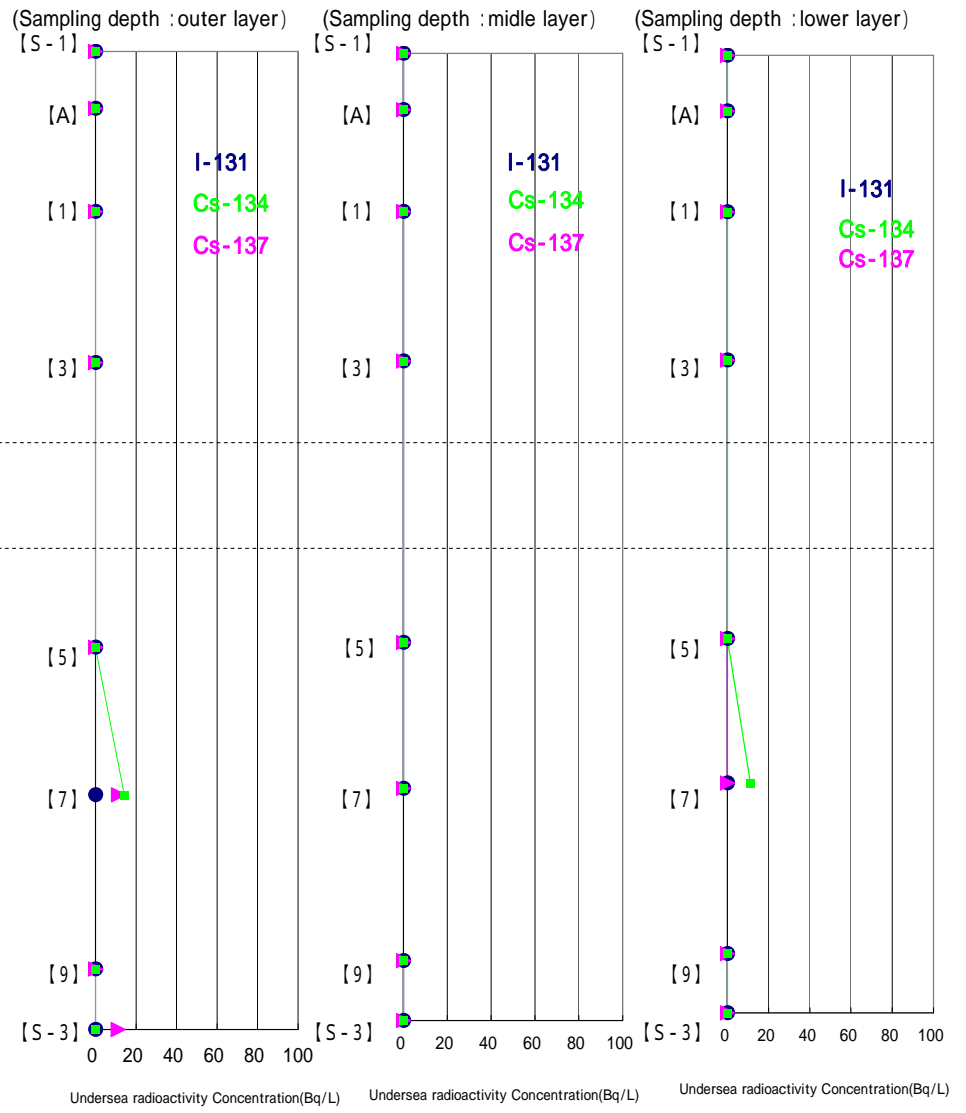


Air dose rate over the Sea (Unit:  $\mu$ Sv / h)



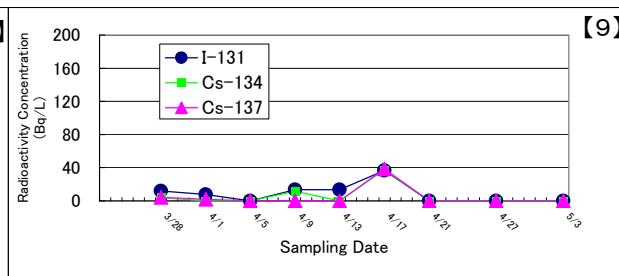
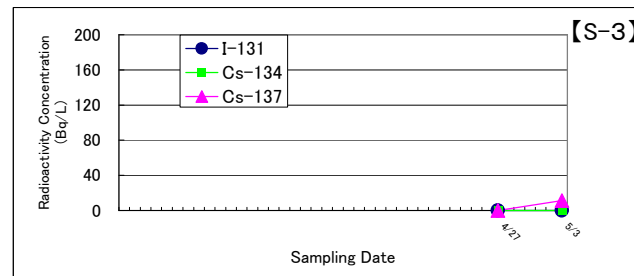
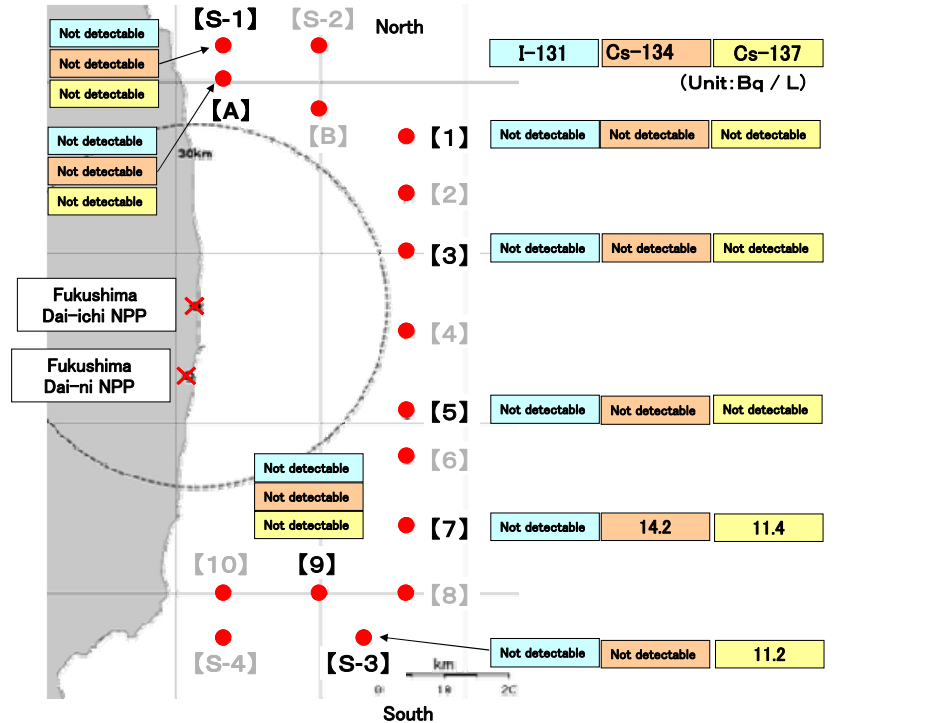
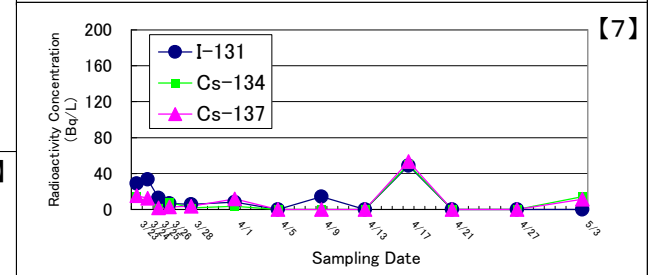
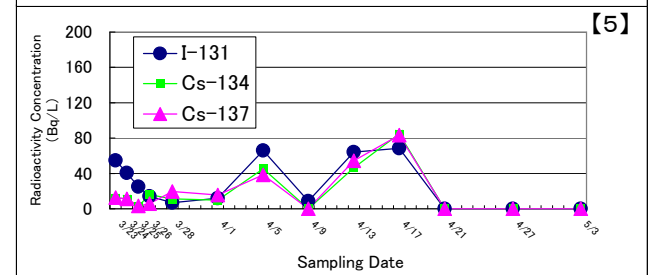
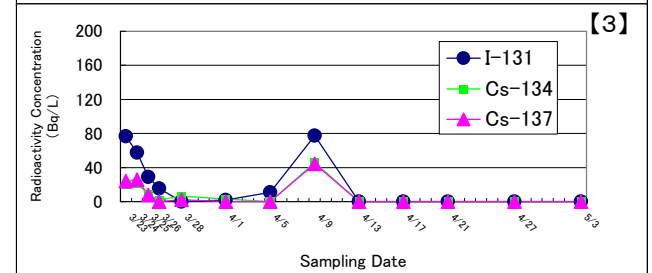
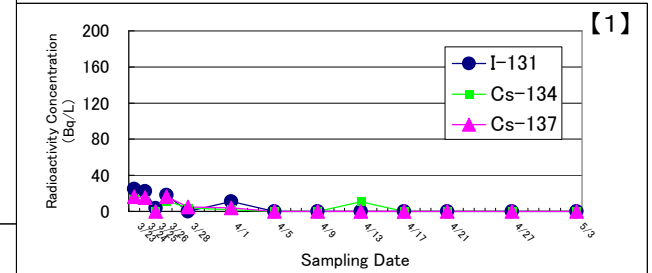
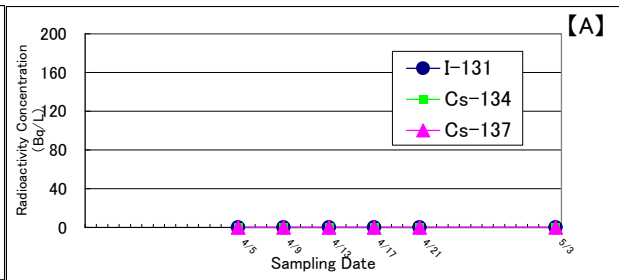
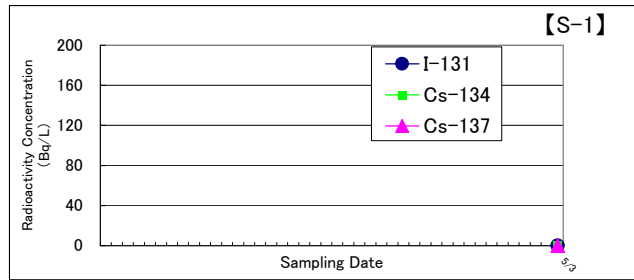


### Readings of Sea Area Monitoring May 3, 2011



Readings of Sea Area Monitoring by TEPCO (2011/05/3)  
 Readings of sampling point - 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>

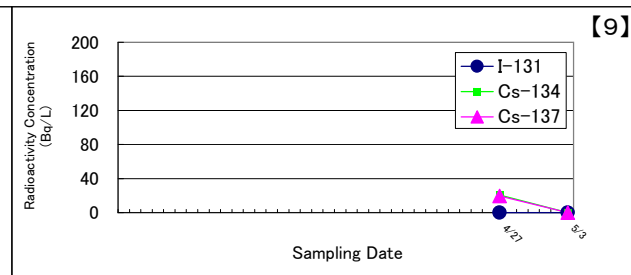
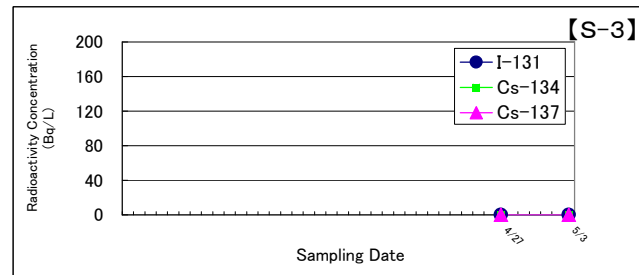
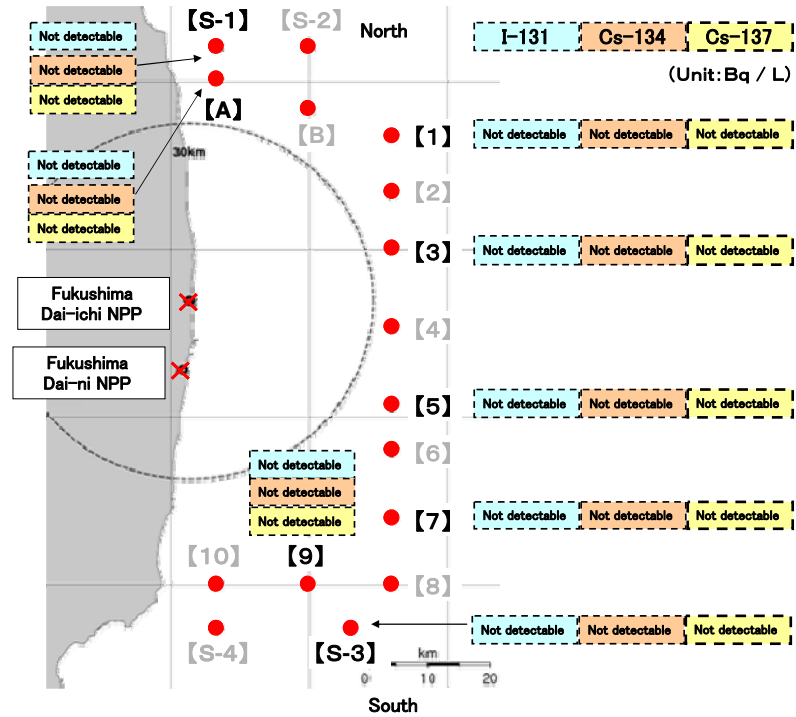
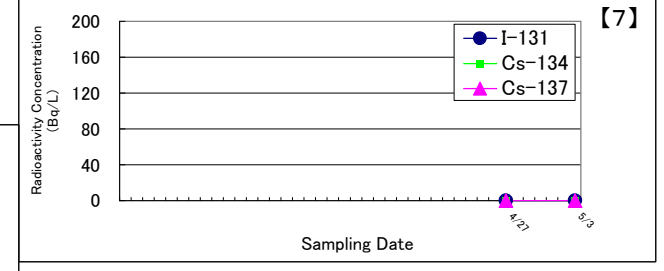
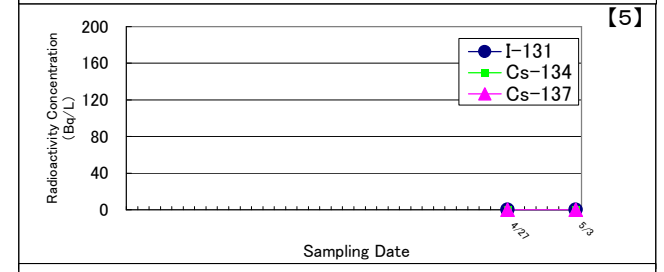
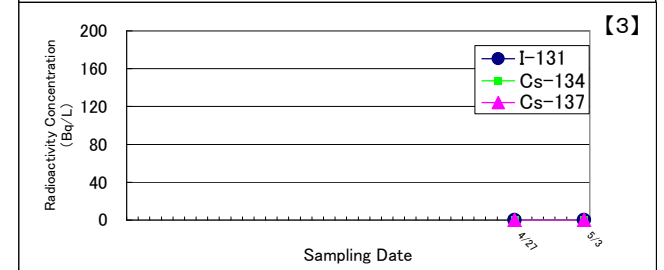
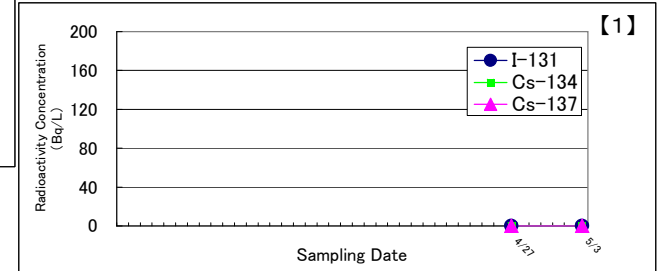
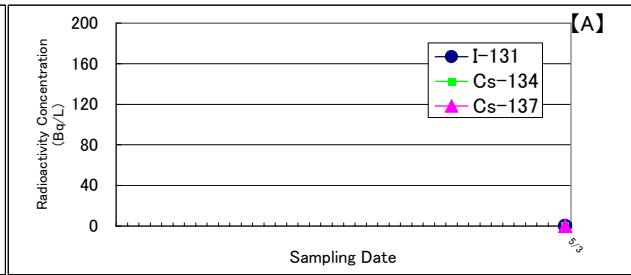
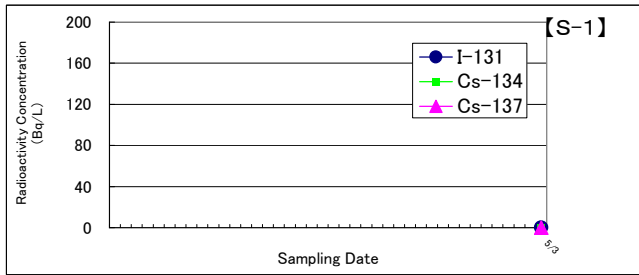
Readings of Sea Area Monitoring at Post Out of Fukushima Dai-ichi NPP  
Result of Radioactivity Concentration in the Sea (outer layer)



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

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

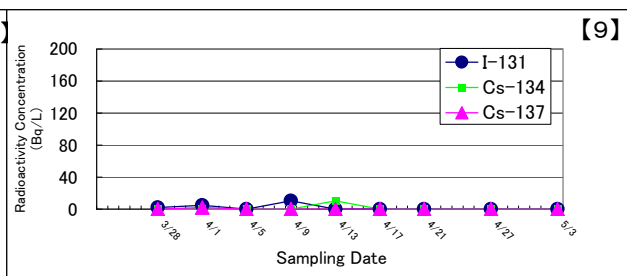
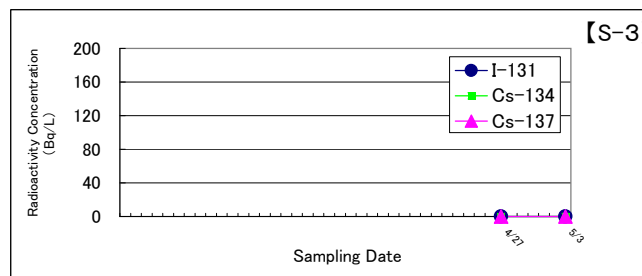
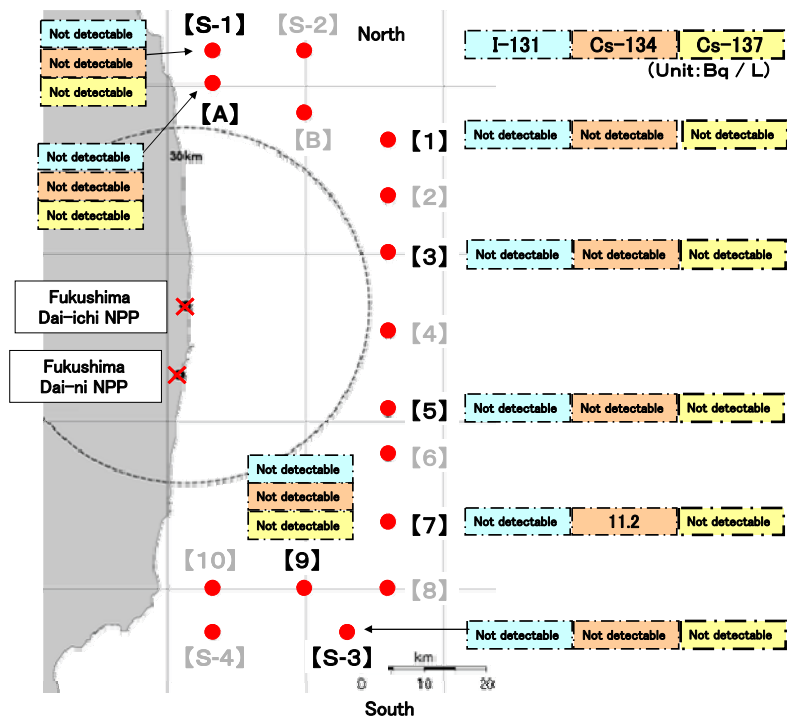
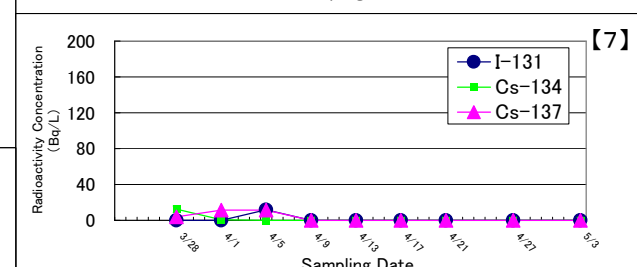
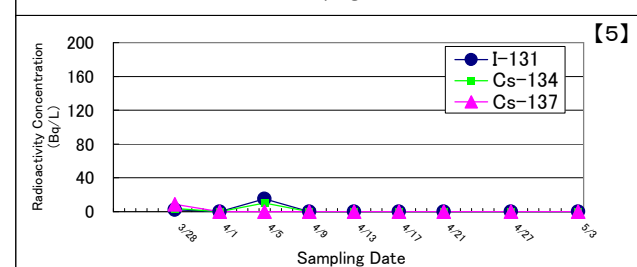
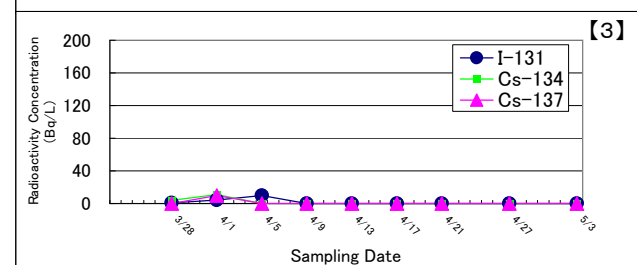
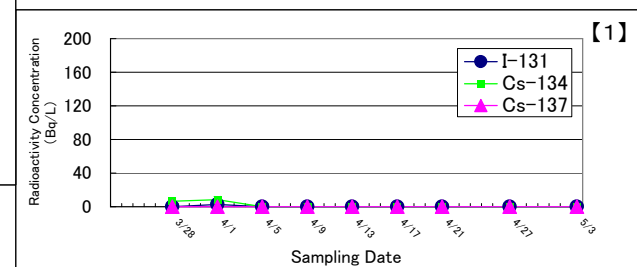
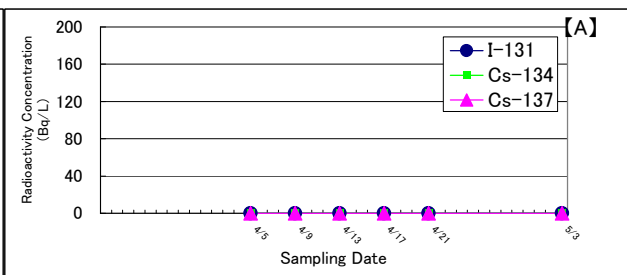
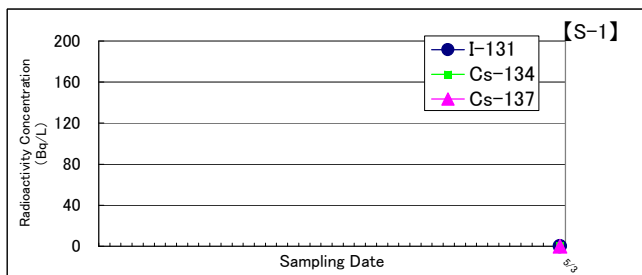
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Note: "Not Detectable" is illustrated as 0Bq/L.

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

L/L



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