

Nuclide analysis results of ocean soil<1/3>

(Data summarized on April 26)

Place of Sampling	3km offshore of Odaka-ku	Iwasawa offshore 3km	15 km offshore of Fukushima Daiichi
Date of sampling	Mar 23, 2012	Mar 4, 2012	Mar 26, 2012
Detected Nuclides (Half-life)	Radioactivity density (I-131,Cs-134,Cs-137 : Bq/kg· moist soil , Sr-89,Sr-90 : Bq/kg· dry soi)		
I-131 (approx. 8 days)	ND	ND	ND
Cs-134 (approx. 2 years)	360	250	23
Cs-137 (approx. 30 years)	500	330	34
Sr-89 (about 51 days)	ND	—	—
Sr-90 (about 29 years)	ND	ND	ND

The range measured in the ocean near Fukushima Daiichi and Daini Nuclear Power Plants in the past (1999-2008) : ND - 0.17Bq/kg oven-dry soil

Source: "Report on the environmental radioactivity measurement around the Nuclear Power Plant (2008)", Committee on the safty technology of Nuclear Power Plants in Fukushima.

* Radio Active Density " - " means "not applicable".

* Analysis results on I-131 , Cs-134 and Cs-137 were announced on March 6, 25 and 28.

* Analysis Institute:Japan Chemical Analysis Center (Sr-89, Sr-90), TEPCO (I-131, Cs-134, Cs-137)

* In the case the measurement is under the detection threshold, "ND" is marked.

I-131: approx. 6Bq/kg· moist soil ,

Sr-89: approx. 2Bq/kg· dry soil , Sr-90: approx. 2Bq/kg· dry soil.

In addition, the detection threshold is defferent according to the detectors and the sample forms. So, it is possible to detect the nuclide under detection threshold.

(Evaluation)

Sr-89 and Sr-90 were not detected in the sample collected this time.

Nuclide analysis results of ocean soil<2/3>

(Data summarized on April 26)

Place of Sampling	8km offshore of Iwasawa shore	3km offshore of Haramachi-ku	
Date of sampling	Mar 4, 2012	Mar 23, 2012	
Detected Nuclides (Half-life)	Radioactivity density (I-131,Cs-134,Cs-137 : Bq/kg· moist soil , Sr-89,Sr-90 : Bq/kg· dry soil)		
I-131 (approx. 8 days)	ND	ND	
Cs-134 (approx. 2 years)	170	32	
Cs-137 (approx. 30 years)	240	44	
Sr-89 (about 51 days)	—	—	
Sr-90 (about 29 years)	ND	ND	

The range measured in the ocean near Fukushima Daiichi and Daini Nuclear Power Plants in the past (1999-2008) : ND - 0.17Bq/kg oven-dry soil

Source: "Report on the environmental radioactivity measurement around the Nuclear Power Plant (2008)", Committee on the safety technology of Nuclear Power Plants in Fukushima.

* Radio Active Density " - " means "not applicable".

* Analysis results on I-131 , Cs-134 and Cs-137 were announced on March 6 and 25.

* Analysis Institute:Japan Chemical Analysis Center (Sr-89, Sr-90), TEPCO (I-131, Cs-134, Cs-137)

* In the case the measurement is under the detection threshold, "ND" is marked.

I-131: approx. 5Bq/kg· moist soil ,

Sr-90: approx. 2Bq/kg· dry soil.

In addition, the detection threshold is different according to the detectors and the sample forms. So, it is possible to detect the nuclide under detection threshold.

(Evaluation)

Sr-90 was not detected in the sample collected this time.

Nuclide analysis results of ocean soil<3/3>

(Data summarized on April 26)

Place of Sampling	3 km offshore of Onahama Port	3km offshore of Soma city	
Date of sampling	Mar 15, 2012	Mar 22, 2012	
Detected Nuclides (Half-life)	Radioactivity density (I-131,Cs-134,Cs-137 : Bq/kg· moist soil , Sr-89,Sr-90 : Bq/kg· dry soil)		
I-131 (approx. 8 days)	ND	ND	
Cs-134 (approx. 2 years)	210	350	
Cs-137 (approx. 30 years)	290	480	
Sr-89 (about 51 days)	—	ND	
Sr-90 (about 29 years)	ND	ND	

The range measured in the ocean near Fukushima Daiichi and Daini Nuclear Power Plants in the past (1999-2008) : ND - 0.17Bq/kg oven-dry soil
 Source: "Report on the environmental radioactivity measurement around the Nuclear Power Plant (2008)", Committee on the safty technology of Nuclear Power Plants in Fukushima.

- * Radio Active Density " - " means "not applicable".
- * Analysis results on I-131 , Cs-134 and Cs-137 were announced on March 17 and 24.
- * Analysis Institute:Japan Chemical Analysis Center (Sr-89, Sr-90), TEPCO (I-131, Cs-134, Cs-137)
- * In the case the measurement is under the detection threshold, "ND" is marked.
 I-131: approx. 7Bq/kg· moist soil ,
 Sr-89: approx. 2Bq/kg· dry soil , Sr-90: approx. 1Bq/kg· dry soil.
 In addition, the detection threshold is defferent according to the detectors and the sample forms. So, it is possible to detect the nuclide under detection threshold.

(Evaluation)

Sr-89 and Sr-90 were not detected in the sample collected this time.