

Nuclides Analysis Result of Radioactive Materials in the Marine Soil <1/2>

(Data summarized on April 9)

Place of Sampling	1F, North of Unit 5-6 Discharge Channel	1F, Around South Discharge Channel
Date of Sampling	Sep 10, 2013	Sep 10, 2013
Detected Nuclides (Half-life)	Density of Sample (Unit: Bq/kg, Dry Soil)	
Cs-134 (Approx. 2 years)	190	150
Cs-137 (Approx. 30 years)	390	330
Sr-90 (Approx. 29 years)	ND	ND
Range of Past Measurement Values in the Sea Area Near 1F and 2F (2001-2008): 0.17 Bq/kg, Dry Soil Source: "2009 Report on the Result of Radioactivity Measurement around Nuclear Power Plant (Fukushima Nuclear Power Station Coordinating Committee for Safety Technology)		

* Radioactivity Density " - " means "not applicable".

* Nuclide analysis results of I-131, Cs-134, Cs-137 were announced on October 25.

* When the measurement value is below the detection limit, "ND" is marked. The detection limits are as follows.

Sr-90: Approx. 0.8Bq/kg, Dry Soil

As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

* Nuclides analysis of Sr-90 was done by KAKEN Inc..

(Evaluation)

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

Nuclides Analysis Result of Radioactive Materials in the Marine Soil <2/2>

(Data summarized on April 9)

Place of Sampling	1F, North of Unit 5-6 Discharge Channel	1F, Around South Discharge Channel
Date of Sampling	Nov 5, 2013	Nov 5, 2013
Detected Nuclides (Half-life)	Density of Sample (Unit: Bq/kg, Dry Soil)	
Cs-134 (Approx. 2 years)	160	150
Cs-137 (Approx. 30 years)	370	320
Sr-90 (Approx. 29 years)	ND	ND
Range of Past Measurement Values in the Sea Area Near 1F and 2F (2001-2008): 0.17 Bq/kg, Dry Soil Source: "2009 Report on the Result of Radioactivity Measurement around Nuclear Power Plant (Fukushima Nuclear Power Station Coordinating Committee for Safety Technology)		

* Radioactivity Density " - " means "not applicable".

* Nuclide analysis results of I-131, Cs-134, Cs-137 were announced on October 25.

* When the measurement value is below the detection limit, "ND" is marked. The detection limits are as follows.

Sr-90: Approx. 0.9Bq/kg, Dry Soil

As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

* Nuclides analysis of Sr-90 was done by KAKEN Inc..

(Evaluation)

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