

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

(Data summarized on April 18)

Place of Sampling	1F, North of Unit 5-6 Discharge Channel	1F, Around South Discharge Channel
Date of Sampling	May 14, 2013	May 14, 2013
Detected Nuclides (Half-life)	Density of Sample (Unit: Bq/kg, Dry Soil)	
Cs-134 (Approx. 2 years)	260	190
Cs-137 (Approx. 30 years)	530	370
Sr-90 (Approx. 29 years)	15	4.9
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 Cs-134, Cs-137 were announced on July 2, 2013.

(Evaluation)

The densities of Sr-90 are higher than those of the range of past measurement values in the sea area near 1F and 2F. Therefore, there is a possibility that the higher densities originate from the accident this time.

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

(Data summarized on April 18)

Place of Sampling	1F, North of Unit 5-6 Discharge Channel	1F, Around South Discharge Channel
Date of Sampling	Jul 9, 2013	Jul 9, 2013
Detected Nuclides (Half-life)	Density of Sample (Unit: Bq/kg, Dry Soil)	
Cs-134 (Approx. 2 years)	220	160
Cs-137 (Approx. 30 years)	440	300
Sr-90 (Approx. 29 years)	11	12
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		

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