

Fukushima Daiichi Nuclear Power Station Plutonium Analysis Result in the ocean soil

1. Analysis result

(Unit : Bq/kg·Dry soil)

Sampling spot	Date of sampling/ Analyses organization	Pu-238	Pu-239,Pu-240
North of Discharge Channel of 5-6u of 1F	Sep. 12/ Japan Chemical Analysis Center	N.D. [$<1.4 \times 10^{-2}$]	(8.6 ± 1.1) $\times 10^{-2}$
Around South Discharge Channel of 1F	Sep. 15/ Japan Chemical Analysis Center	N.D. [$<1.5 \times 10^{-2}$]	(1.4 ± 0.14) $\times 10^{-1}$
3km offshore of Iwasawa shore		N.D. [$<1.7 \times 10^{-2}$]	(4.9 ± 0.34) $\times 10^{-1}$
3km offshore of Odaka Ward		N.D. [$<1.3 \times 10^{-2}$]	(1.6 ± 0.16) $\times 10^{-1}$
Past analysis range in the sea around 1F and 2F (FY 1999 ~ FY 2008)		-	$1.7 \times 10^{-1} \sim 5.6 \times 10^{-1}$

[]: Lower detection limit

*Source: 2009 Report on the Result of Radioactivity Measurement around Nuclear Power Plant (Fukushima Nuclear Power Station Coordinating Committee for Safety Technology)

2. Evaluation

Detected density of Pu-239 and 240 on September 12 and 15 are within the range of past analysis in the sea around Fukushima Daiichi Nuclear Power Station and Fukushima Daini Nuclear Power Station. Therefore this cannot be judged to be caused by the nuclear accident of this time.

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