

## Analysis Result of Pu in the Marine Soil

### 1. Measurement Result:

(Unit: Bq/kg, Dry Soil)

Place of Sampling	Date	Pu-238	Pu-239+Pu-240
1F, North of Unit 5-6 Discharge Channel	July 19, 2012	N.D. [ $<3.6 \times 10^{-2}$ ]	$(1.3 \pm 0.21) \times 10^{-1}$
1F, Around South Discharge Channel		N.D. [ $<4.2 \times 10^{-2}$ ]	$(1.7 \pm 0.26) \times 10^{-1}$
Range of Past Measurement Values in the Sea Area Near 1F and 2F (2001-2008)* <sup>1</sup>		-	$1.7 \times 10^{-1} \sim 5.6 \times 10^{-1}$
Range of Past Measurement Values in Japan (2001-2008)* <sup>2</sup>		N.D. $\sim 6 \times 10^{-2}$	-

[ ] shows below the detection limit.

\*<sup>1</sup> Source: "2009 Report on the Result of Radioactivity Measurement around Nuclear Power Plant (Fukushima Nuclear Power Station Coordinating Committee for Safety Technology)"

\*<sup>2</sup> Source: "Environmental Radiation Database"  
(Ministry of Education, Culture, Sports, Science and Technology)

### 2. Analytical Institution:

KAKEN Inc.

### 3. Evaluation:

Given that the density level of Pu-239+Pu-240 detected on July 19, 2012, is the same as the past density measurements conducted along the seacoasts of 1F and 2F, it cannot be stated with absolute certainty that the presence of these particles is due to the accident.

End