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	May 14, 2012	N.D. [$<2.6\times10^{-2}$]	$(1.4\pm0.19)\times10^{-1}$
1F, Around South Discharge Channel		N.D. [$<3.1\times10^{-2}$]	$(1.7\pm0.23)\times10^{-1}$
Range of Past Measurement Values in the Sea Area Near 1F and 2F (2001-2008)*1		–	1.7×10^{-1}～5.6×10^{-1}
Range of Past Measurement Values in Japan (2001-2008)*2		N.D.～6×10^{-2}	–

The detection limit is provided in parentheses.

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

*2 Source: "Environmental Radiation Database" (Ministry of Education, Culture, Sports, Science and Technology)

2. Analytical Institution:

KAKEN Inc.

3. Evaluation:

Since the density of Pu-239+Pu-240 detected on March 1, 2012 is in the same level of the past density measured in the sea area near 1F and 2F, there are no possibility that they originate from the accident this time.

End