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	Mar 5, 2013	N.D. [$<1.2\times10^{-2}$]	$(7.0\pm1.0)\times10^{-2}$
1F, Around South Discharge Channel		N.D. [$<1.1\times10^{-2}$]	N.D. [$<1.1\times10^{-2}$]
Range of Past Measurement Values in the Sea Area Near 1F and 2F (FY1999 - FY2008)*1		-	1.7×10^{-1} - 5.6×10^{-1}
Range of Past Measurement Values in Japan (FY2006 - FY2010)*2		N.D. ～ 6×10^{-2}	-

[ ] shows below the detection limit.

*1 Source "Report on the environmental radioactivity measurement around the Nuclear Power Plant (2008)", Committee on the safety technology of Nuclear Power Plants in Fukushima.

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

2. Analytical Institution: Japan Chemical Analysis Center

3. Evaluation:

Given that the density level of Pu-239+Pu-240 detected on March 5, 2013, 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