

## Analysis Result of Pu in the Marine Soil <1/2>

### 1. Measurement Result:

(Data summarized on March 25)

(Unit: Bq/kg·dry soil)

Place of Sampling	Date	Pu-238	Pu-239+Pu-240
1F, North of Unit 5-6 Discharge Channel	Sep 10, 2013	N.D. [ $2.2 \times 10^{-2}$ ]	$(1.1 \pm 0.17) \times 10^{-1}$
1F, Around South Discharge Channel		N.D. [ $1.4 \times 10^{-2}$ ]	$(8.6 \pm 1.2) \times 10^{-2}$
Range of Past Measurement Values in the Sea Area Near 1F and 2F (FY1999 - FY2008) <sup>*1</sup>		-	$1.7 \times 10^{-1} \sim 5.6 \times 10^{-1}$
Range of Past Measurement Values in Japan (FY2006 - FY2010) <sup>*2</sup>		N.D. $\sim 6 \times 10^{-2}$	-

[ ] 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: KAKEN Inc.

### 3. Evaluation:

The density level of Pu-239+Pu-240 detected on September 10, 2013, is the same as the past density measurements conducted along the seacoasts of 1F and 2F.

End

## Analysis Result of Pu in the Marine Soil <2/2>

### 1. Measurement Result:

(Data summarized on March 25)

(Unit: Bq/kg·dry soil)

Place of Sampling	Date	Pu-238	Pu-239+Pu-240
1F, North of Unit 5-6 Discharge Channel	Nov 5, 2013	N.D. [ $1.7 \times 10^{-2}$ ]	$(8.2 \pm 1.2) \times 10^{-2}$
1F, Around South Discharge Channel		N.D. [ $1.2 \times 10^{-2}$ ]	$(6.5 \pm 0.95) \times 10^{-2}$
Range of Past Measurement Values in the Sea Area Near 1F and 2F (FY1999 - FY2008) <sup>*1</sup>		-	$1.7 \times 10^{-1} \sim 5.6 \times 10^{-1}$
Range of Past Measurement Values in Japan (FY2006 - FY2010) <sup>*2</sup>		N.D. $\sim 6 \times 10^{-2}$	-

[ ] 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: KAKEN Inc.

### 3. Evaluation:

The density level of Pu-239+Pu-240 detected on November 5, 2013, is the same as the past density measurements conducted along the seacoasts of 1F and 2F.

End