

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

### 1. Measurement Result:

(Data summarized on March 19)

(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, 2013	N.D. [ $1.9 \times 10^{-2}$ ]	$(7.4 \pm 1.2) \times 10^{-2}$
1F, Around South Discharge Channel		N.D. [ $1.6 \times 10^{-2}$ ]	$(7.3 \pm 1.2) \times 10^{-2}$
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: Japan Chemical Analysis Center

### 3. Evaluation:

The density level of Pu-239+Pu-240 detected on May 14, 2013, is the same as the past density measurements conducted along the seacoasts of 1F and 2F.

End

## 1. Measurement Result:

(Data summarized on March 19)

(Unit: Bq/kg·dry soil)

Place of Sampling	Date	Pu-238	Pu-239+Pu-240
1F, North of Unit 5-6 Discharge Channel	Jul 9, 2013	N.D. [ $2.7 \times 10^{-2}$ ]	$(5.0 \pm 1.2) \times 10^{-2}$
1F, Around South Discharge Channel		N.D. [ $3.0 \times 10^{-2}$ ]	$(4.8 \pm 1.3) \times 10^{-2}$
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: Japan Chemical Analysis Center

## 3. Evaluation:

The density level of Pu-239+Pu-240 detected on July 19, 2013, is the same as the past density measurements conducted along the seacoasts of 1F and 2F.

End

\* The sampling date was corrected from "July 19, 2013" to "July 9, 2013" on April 10, 2014. We apologise for any inconvenience that this may cause.