Result of Sr nuclide analysis in the soil Fukushima Daiichi Nuclear Power Station

(Data summarized on December 26)

1. Measurement Result:

(Unit：Bq/kg･dry soil)

Place of Sampling The Distance from Unit 1-2 Stacks in parentheses.	Date	Sr-89	Sr-90
(1) Ground (WNW approx. 500m)*1	Sep 8, 2014	N.D.	$(6.9 \pm 0.12) \times 10^{1}$
(2) Yachounomori (W approx. 500m)*1		N.D.	$(1.0 \pm 0.016) \times 10^{2}$
(3) Around industrial waste treatment facility (SSW approx.		N.D.	$(1.7 \pm 0.023) \times 10^{2}$
The range of the past measurement results (FY1999 - FY2008)*2		-	N.D. ~ 4.3

*1 Sampling was conducted in the area adjacent to the past sampling location to avoid duplication.
*2 Source "Report on the environmental radioactivity measurement around the Nuclear Power Plant (FY2009)", Committee on the safety technology of Nuclear Power Plants in Fukushima.

2. Analytical Institution: KAKEN Inc.

3. Evaluation:
The densities of Sr-90 are higher than those of the fallouts observed in Japan after the past atmospheric nuclear tests. Therefore, there is a possibility that the higher densities originate from the accident this time.

End