

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

(Data summarized on December 16)

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	Aug 14, 2014	N. D.	$(7.6 \pm 0.15) \times 10^1$
(2) Yachounomori (W approx. 500m)* ¹		N. D.	$(2.6 \pm 0.026) \times 10^2$
(3) Around industrial waste treatment facility (SSW approx.		N. D.	$(2.2 \pm 0.024) \times 10^2$
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