

Fukushima Daiichi Nuclear Power Station: Strontium analysis result in the soil

## 1. Analysis result

(Unit: Bq/kg· Dry soil)

Sampling spot ( ): Distance from the stack of Unit 1 and 2	Date of sampling/ Analyses organization	Sr-89	Sr-90
(1) Playground ( west-northwest approx. 500m )	Aug. 15/ Japan Chemical Analysis Center	$( 1.0 \pm 0.03 ) \times 10^2$	$( 6.7 \pm 0.19 ) \times 10^1$
(2) Forest of wild birds ( west approx. 500m )		$( 1.3 \pm 0.13 ) \times 10^1$	$( 1.3 \pm 0.08 ) \times 10^1$
(3) Adjacent to industrial waste disposal facility ( south-southwest approx. 500m )		$( 6.2 \pm 0.25 ) \times 10^1$	$( 3.9 \pm 0.15 ) \times 10^1$
Range of previous data*		-	ND ~ 4.3

[ ]: Lower detection limit

\* From “Report of research result of environmental radioactivity around nuclear power stations,2009” (1999 - 2008)

\* Avoiding duplicates, we collected samples from adjacent area for (1) Playground and (2) Adjacent to industrial waste disposal facility.

We collected samples depth direction at same point for (3) Forest of wild birds. (In case we unable to collect samples at the same point, we will collect from new point.)

## 2. Evaluation

Detected density of Sr-90 is above the level of the measured fallouts in Japan in the cases of previous nuclear tests in the atmosphere. Thus, this can be considered to be caused by the nuclear accident of this time.

End