

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
Playground(west-northwest approx. 500m)	April 18 / Japan Chemical Analysis Center	$(2.9 \pm 0.01) \times 10^3$	$(4.0 \pm 0.05) \times 10^2$
Forest of wild birds(west approx. 500m)		$(2.3 \pm 0.12) \times 10^1$	$(3.4 \pm 0.49) \times 10^0$
Adjacent to industrial waste disposal facility(south-southwest approx.500m)		$(4.4 \pm 0.02) \times 10^3$	$(5.7 \pm 0.06) \times 10^2$
Range of measured figure in the past		-	ND ~ 4.3

From the Report of Measurement Result of Environmental Radioactivity Around Nuclear Power Station in 2009 (1999 ~ 2008)

2. Evaluation

The density of Sr-90, which were detected at Playground(west-northwest approx. 500m) and Adjacent to the industrial waste disposal facility(south-southwest approx.500m) is high compared with the fallout, which were observed in Japan in the past nuclear test in the atmosphere. It is conceivable that it is due to the accident caused this time.

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