

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, 2	Date of sampling/ Analyses organization	Sr-89	Sr-90
Ground (WNW 500m)	May 9/ Japan Chemical Analysis Center	$(2.8 \pm 0.01) \times 10^3$	$(4.8 \pm 0.05) \times 10^2$
Yachouno Mori (W 500m)		$(1.9 \pm 0.01) \times 10^3$	$(3.4 \pm 0.04) \times 10^2$
Around Industrial Waste Treatment Area (SSW 500m)		$(1.7 \pm 0.01) \times 10^3$	$(3.0 \pm 0.05) \times 10^2$
Range of past analysis		-	ND ~ 4.3

2009 Report result of radiation measurement of surrounding area of nuclear power station (1999 to 2008)

For the data “ ground” and “ Around Industrial Waste Treatment Area”, sample was taken from adjacent area to avoid duplication of previous sampling. For the date “ Yachouno Mori”, sample was taken from same spot from deep direction (sampling point was changed when it became not being able to take sample).

## 2. Valuation

The detected density level of Sr-90 was higher than the fallout figure detected in Japan for the past nuclear test in the atmosphere, we consider it will be able to trace back to the nuclear accident this time.

End