

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

1. Result analysis

( Unit : Bq/kg·dry soil )

Place of sampling ( ) shows distance from stuck of Unit 1/2	Date Analysis institute	Sr-89	Sr-90
Ground (WNW approx. 500m)	March 12 Japan Chemical Analysis Center	N.D.	$( 6.7 \pm 0.20 ) \times 10^1$
Yachounomori (W approx. 500m)		N.D.	$( 4.8 \pm 0.67 ) \times 10^0$
Around industrial waste treatment facility (SSW approx. 500m)		$( 1.2 \pm 0.40 ) \times 10^1$	$( 1.3 \pm 0.03 ) \times 10^2$
Domestic soil		-	ND ~ 4.3

: Source: 2009 Report on the Result of Radioactivity Measurement around Nuclear Power Plant

: Place of sampling for “ Ground ” and “ Around industrial waste treatment facility ” has slightly changed to avoid duplication with past sampling and as for “ Yachounomori ”, it was taken at the same point in depth direction (sampling point will be changed if sampling was not feasible).

2. Evaluation

Radioactive density of the Sr-90 detected was higher than the level of fallout of past nuclear test in the atmosphere. It is considerable the result may be derived from the nuclear accident this time.