

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

(Data summarized on MM/DD)

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)	YY/MM/DD		
(2) Yachounomori (W approx. 500m)			
(3) Around industrial waste treatment facility (SSW approx. 500m)			
The range of the past measurement results (FY1999 - FY2008)			

*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:

End

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

Data summarized on YY/MM/DD

1. Measurement Result:

(Unit : Bq/kg·dry soil)

Place of Sampling The Distance from Unit 1-2 Stacks in parentheses.	Date	Pu-238	Pu-239+Pu-240
(1) Ground (WNW approx. 500m) ^{*1}	YY/MM/DD		
(2) Yachounomori (W approx. 500m) ^{*1}			
(3) Around industrial waste treatment facility (SSW approx. 500m) ^{*1}			
Domestic soil (1978 – 2008) ^{*2}			

[] shows below the detection limit.

*1 Sampling was conducted in the area adjacent to the past sampling location to avoid duplication.

*2 Source: "Environmental Radiation Database"

(Ministry of Education, Culture, Sports, Science and Technology)

2. Analytical Institution: KAKEN Inc.

3. Evaluation:

End

Nuclides Analysis Result of the Gamma Rays in the Soil of Fukushima Daiichi NPS

(Data summarized on MM/DD)

1. Measurement Result: The following is the analysis result of γ ray nuclides in the soil measured at Fukushima Daiichi NPS

(Unit: Bq/kg·Dry Soil)

Place of Sampling		【Fixed Point ①】*1 Ground (Approx. 500m West-Northwest)*2	【Fixed Point ②】*1 Wild Birds' Forest (Approx. 500m West)*2	【Fixed Point ③】*1 Near the Industrial Waste Disposal Facility (Approx. 500m South-Southwest)*2
Date of Sampling		YY/MM/DD	YY/MM/DD	YY/MM/DD
Analyzed by				
Nuclides	I-131 (Approx. 8 days)			
	I-132 (Approx. 2 hours)			
	Cs-134 (Approx. 2 years)			
	Cs-136 (Approx. 13 days)			
	Cs-137 (Approx. 30 years)			
	Sb-125 (Approx. 3 years)			
	Te-129m (Approx. 34 days)			
	Te-132 (Approx. 78 hours)			
	Ba-140 (Approx. 13 days)			
	Nb-95 (Approx. 35 days)			
	Ru-106 (Approx. 370 days)			
	Mo-99 (Approx. 66 hours)			
	Tc-99m (Approx. 6 hours)			
	La-140 (Approx. 40 hours)			
	Ag-110m (Approx. 250 days)			

*1 Sampling was conducted in the area adjacent to the past sampling location to avoid duplication.

*2 The Distance from Unit 1-2 Stacks

2. Evaluation:

< Soil Analysis Result Provided by Fukushima Prefecture in FY2009 >

Cs-137: ND - 21Bq/kg, Dry Soil, Others: ND