

The result of nuclides analysis of air at the nuclear reactor building,
Fukushima Daiichi Nuclear Power Station

(Data summarized on May 24)

Place of sampling	Above reactor building of Unit 1, Fukushima Daiichi Nuclear Power Station		Above reactor building of Unit 4, Fukushima Daiichi Nuclear Power Station		Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm ³) ²
Date and time of sampling	From 1:15pm to 1:35pm on May 22, 2011		From 2:17pm to 2:37pm on May 22, 2011		
Detected nuclide (half-life)	Radioactivity density 1 (Bq/cm ³)	Scaling factor (/)	Radioactivity density 1 (Bq/cm ³)	Scaling factor (/)	
I-131 (approx. 8 days)	7.6E-05	0.08	1.4E-05	0.01	1E-03
Cs-134 (approx. 2 years)	3.6E-04	0.18	1.5E-04	0.08	2E-03
Cs-137 (approx. 30 years)	4.2E-04	0.14	1.5E-04	0.05	3E-03

1 The value of Radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density

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2 In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.