

Result of Nuclide Analysis of Radioactive Materials in the Air  
at the Site of Fukushima Nuclear Power Stations

Reference

(Data summarized on May 16)

Place of sampling	West gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm <sup>3</sup> ) <sup>2</sup>
	Date and time of sampling	11:30 - 11:50 May 14, 2011	9:15 - 9:29 May 14, 2011	16:42 - 16:52 May 14, 2011	Radioactivity density 1 (Bq/cm <sup>3</sup> )	Scaling factor ( / )	
Detected nuclide (half-life)	Radioactivity density 1 (Bq/cm <sup>3</sup> )	Scaling factor ( / )	Radioactivity density 1 (Bq/cm <sup>3</sup> )	Scaling factor ( / )	Radioactivity density 1 (Bq/cm <sup>3</sup> )	Scaling factor ( / )	
I-131 (approx. 8 days)	1.6E-05	0.02	2.6E-06	0.00	2.8E-06	0.00	1E-03
Cs-134 (approx. 2 years)	2.0E-05	0.01	1.9E-05	0.01	5.9E-06	0.00	2E-03
Cs-137 (approx. 30 years)	3.5E-05	0.01	1.9E-05	0.01	8.9E-06	0.00	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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Data of other nuclides are under examination.

2 Statutory density limit to the 3-month average density of radioactive nuclides contained in the air that humans breathe.

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