

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

Reference

(Data summarized on May 9)

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> )	
Date and time of sampling		11:21-11:41 May 8, 2011		9:12-9:22 May 8, 2011	15:04-15:13 May 8, 2011			
Detected nuclide (half-life)		Radioactivity density (Bq/cm <sup>3</sup> )	Scaling factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )	Scaling factor ( / )	Radioactivity density (Bq/cm <sup>3</sup> )		Scaling factor ( / )
Volatile	I-131 (approx. 8 days)	1.3E-05	0.01	ND	-	4.2E-06	0.00	1E-03
	Cs-134 (approx. 2 years)	3.0E-05	0.02	1.3E-05	0.01	1.8E-05	0.01	2E-03
	Cs-137 (approx. 30 years)	2.9E-05	0.01	1.2E-05	0.00	1.9E-05	0.01	3E-03
Particulate	I-131 (approx. 8 days)	1.1E-05	0.01	5.4E-06	0.01	1.7E-06	0.00	1E-03
	Cs-134 (approx. 2 years)	3.6E-05	0.02	ND	-	1.3E-05	0.01	2E-03
	Cs-137 (approx. 30 years)	3.5E-05	0.01	ND	-	1.2E-05	0.00	3E-03

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

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Data of other nuclides are under examination.

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