

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

Reference

( Data summarized on May 4 )

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/cm3 )
Date and time of sampling		11:30-11:50 May 3, 2011		9:19-9:27 May 3, 2011		15:35-15:43 May 3, 2011		
Detected nuclide (half-life)		Radioactivity density ( Bq/cm3 )	Scaling factor ( / )	Radioactivity density ( Bq/cm3 )	Scaling factor ( / )	Radioactivity density ( Bq/cm3 )	Scaling factor ( / )	
Volatile	I-131 (approx. 8 days)	4.0E-05	0.04	5.8E-06	0.01	5.7E-06	0.01	1E-03
	Cs-134 (approx. 2 years)	6.7E-06	0.00	8.7E-06	0.00	7.1E-06	0.00	2E-03
	Cs-137 (approx. 30 years)	7.2E-06	0.00	8.1E-06	0.00	6.2E-06	0.00	3E-03
Particle	I-131 (approx. 8 days)	4.1E-05	0.04	2.7E-06	0.00	3.2E-06	0.00	1E-03
	Cs-134 (approx. 2 years)	7.5E-06	0.00	7.5E-06	0.00	7.2E-06	0.00	2E-03
	Cs-137 (approx. 30 years)	8.2E-06	0.00	7.1E-06	0.00	6.0E-06	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.