

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

Reference

( Data summarized on May 13 )

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 12, 2011		9:17-9:24 May 12, 2011		15:05-15:13 May 12, 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)	4.7E-06	0.00	ND	-	ND	-	1E-03
	Cs-134 (approx. 2 years)	1.1E-05	0.01	1.5E-05	0.01	1.1E-05	0.01	2E-03
	Cs-137 (approx. 30 years)	1.0E-05	0.00	1.1E-05	0.00	1.1E-05	0.00	3E-03
Particulate	I-131 (approx. 8 days)	2.4E-06	0.00	1.6E-06	0.00	ND	-	1E-03
	Cs-134 (approx. 2 years)	ND	-	1.1E-05	0.01	ND	-	2E-03
	Cs-137 (approx. 30 years)	6.1E-06	0.00	8.5E-06	0.00	ND	-	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.