

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

Reference

( Data summarized on May 8 )

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 7, 2011		9:02-9:10 May 7, 2011	15:13-15:20 May 7, 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)	9.0E-06	0.01	4.5E-06	0.00	5.1E-06	0.01	1E-03
	Cs-134 (approx. 2 years)	8.6E-06	0.00	1.3E-05	0.01	1.4E-05	0.01	2E-03
	Cs-137 (approx. 30 years)	1.2E-05	0.00	1.4E-05	0.00	1.7E-05	0.01	3E-03
Particle	I-131 (approx. 8 days)	7.0E-06	0.01	5.4E-06	0.01	4.4E-06	0.00	1E-03
	Cs-134 (approx. 2 years)	ND	-	ND	-	ND	-	2E-03
	Cs-137 (approx. 30 years)	6.6E-06	0.00	ND	-	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.