

The result of the nuclide analysis of radioactive materials in the air at the site of Fukushima Daiichi Nuclear Power Station Reference

(Creation date: 12th April, 2011)

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 ³)	
Date and time of sampling		2:00-2:20 am April 11th, 2011		9:15-9:22 am April 11th, 2011	4:03-4:11 pm April 11th, 2011			
Detected nuclide (half-life)		Radioactivity density (Bq/cm ³)	Scaling factor (/)	Radioactivity density (Bq/cm ³)	Scaling factor (/)	Radioactivity density (Bq/cm ³)		Scaling factor (/)
Volatile	I-131 (approx. 8 days)	1.1E-04	0.11	1.7E-05	0.02	1.6E-05	0.02	1E-03
	Cs-134 (approx. 2 years)	1.1E-05	0.01	ND	-	8.9E-06	0.00	2E-03
	Cs-137 (approx 30 years)	1.4E-05	0.00	ND	-	8.5E-06	0.00	3E-03
Particle	I-131 (approx. 8 days)	4.0E-05	0.04	1.2E-05	0.01	8.4E-06	0.01	1E-03
	Cs-134 (approx. 2 years)	ND	-	ND	-	ND	-	2E-03
	Cs-137 (approx. 30 years)	5.8E-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.