

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

(Creation date: 11th April, 2011)

Place of sampling		West gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)			②Density 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 10th, 2011		9:09-9:17 am April 10th, 2011	16:38-16:45 April 10th, 2011			
Detected nuclide (half-life)		①Radioactivity density (Bq/cm ³)	Scaling factor (①/②)	①Radioactivity density (Bq/cm ³)	Scaling factor (①/②)	①Radioactivity density (Bq/cm ³)		Scaling factor (①/②)
Volatile	I-131 (approx. 8 days)	1.3E-04	0.13	1.9E-05	0.02	2.1E-05	0.02	1E-03
	Cs-134 (approx. 2 years)	ND	-	ND	-	ND	-	2E-03
	Cs-137 (approx 30 years)	ND	-	ND	-	ND	-	3E-03
Particle	I-131 (approx. 8 days)	4.9E-05	0.05	1.4E-05	0.01	2.6E-05	0.03	1E-03
	Cs-134 (approx. 2 years)	ND	-	ND	-	1.2E-05	0.01	2E-03
	Cs-137 (approx. 30 years)	6.0E-06	0.00	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.

※ 〇.〇E-〇 means 〇.〇 x 10-〇

※ Data of other nuclides are under examination.