

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

Reference

(Data collected on April 9)

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 <sup>3</sup> ) ※	
Date and time of sampling		2:01-2:21 am April 8th, 2011		9:33-9:41 am April 8th, 2011	15:28-15:36 April 8th, 2011			
Detected nuclide (half-life)		①Radioactivity density (Bq/cm <sup>3</sup> )	Scaling factor (①/②)	①Radioactivity density (Bq/cm <sup>3</sup> )	Scaling factor (①/②)	①Radioactivity density (Bq/cm <sup>3</sup> )		Scaling factor (①/②)
Volatile	I-131 (approx. 8 days)	2.1E-04	0.21	2.6E-05	0.03	1.6E-05		0.02
	Cs-134 (approx. 2 years)	1.3E-05	0.01	ND	-	ND	-	2E-03
	Cs-137 (approx. 30 years)	1.4E-05	0.00	ND	-	ND	-	3E-03
Particle	I-131 (approx. 8 days)	8.7E-05	0.09	1.5E-05	0.02	1.0E-05	0.01	1E-03
	Cs-134 (approx. 2 years)	9.6E-06	0.00	ND	-	ND	-	2E-03
	Cs-137 (approx. 30 years)	9.0E-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.

※ 〇.〇E-〇 means 〇.〇 x 10-〇

※ Data of other nuclides are under examination.