

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

Reference

( Data summarized on May 24 )

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 <sup>3</sup> ) <sup>2</sup>
	Date and time of sampling	15:00-15:20 May 23, 2011	9:11-9:21 May 23, 2011	15:48-15:58 May 23, 2011	Radioactivity density 1 (Bq/cm <sup>3</sup> )	Scaling factor ( / )	
Detected nuclide (half-life)	Radioactivity density 1 (Bq/cm <sup>3</sup> )	Scaling factor ( / )	Radioactivity density 1 (Bq/cm <sup>3</sup> )	Scaling factor ( / )	Radioactivity density 1 (Bq/cm <sup>3</sup> )	Scaling factor ( / )	
I-131 (approx. 8 days)	1.1E-05	0.01	9.3E-07	0.00	ND	-	1E-03
Cs-134 (approx. 2 years)	8.5E-06	0.00	1.5E-05	0.01	2.1E-05	0.01	2E-03
Cs-137 (approx. 30 years)	1.9E-05	0.01	2.1E-05	0.01	2.2E-05	0.01	3E-03

1 The value of Radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density

. E - means . x 10<sup>-</sup>

Data of other nuclides are under examination.

2 Statutory density limit to the 3-month average density of radioactive nuclides contained in the air that humans breathe.

In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.