

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

Reference

(Data summarized on May 19)

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) ※2
Date and time of sampling	11:30-11:50 May 18th, 2011		9:10-9:20 May 18th, 2011		15:16-15:26 May 18th, 2011		
Detected nuclide (half-life)	①Radioactivity density※1 (Bq/cm ³)	Scaling factor (①/②)	①Radioactivity density※1 (Bq/cm ³)	Scaling factor (①/②)	①Radioactivity density※1 (Bq/cm ³)	Scaling factor (①/②)	
I-131 (approx. 8 days)	9.7E-06	0.01	ND	-	4.6E-06	0.00	
Cs-134 (approx. 2 years)	3.2E-05	0.02	1.2E-05	0.01	1.7E-05	0.01	2E-03
Cs-137 (approx. 30 years)	2.8E-05	0.01	2.4E-05	0.01	1.9E-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

0.0E-0 means 0.0 x 10-0

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.