

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

Reference

(Data summarized on May 28)

Place of sampling	Near MP-1 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	11:30-11:50 May 27, 2011		9:03-9:11 May 27, 2011		15:06-15:15 May 27, 2011		
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)	6.8E-07	0.00	ND	-	ND	-	
Cs-134 (approx. 2 years)	1.3E-05	0.01	1.1E-05	0.01	2.0E-05	0.01	2E-03
Cs-137 (approx. 30 years)	1.5E-05	0.01	8.0E-06	0.00	2.3E-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 In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.