

The result of nuclide analyses of radioactive materials in the air inside of the Reactor Building Unit 2 of Fukushima Daiichi Nuclear Power Station

Reference

(Data summarized on July 11)

Place of sampling	Reactor Building of Unit 2				Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm ³) (in the section 4 of the appendix 2 2
	Reactor Equipment Cooling Water System around Heat exchanger, 2nd floor		North west stairs, 3rd floor		
Date and time of sampling	11:15 am - 11:35 pm July 8, 2011		11:45 am - 12:05 pm July 8, 2011		
Detected nuclide (half-life)	Radioactivity density of samples 1 (Bq/cm ³)	Scaling factor (/)	Radioactivity density of samples 1 (Bq/cm ³)	Scaling factor (/)	
I-131 (approx. 8 days)	1.6E-04	0.16	1.4E-04	0.14	
Cs-134 (approx. 2 years)	1.3E-01	65	8.0E-02	40	
Cs-137 (approx. 30 years)	1.4E-01	47	8.4E-02	28	

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

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