

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

(data summarized on June 19)

Date and time of sampling	Before spraying dust inhibitor		After spraying dust inhibitor		②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm ³) ※2
	12:23 ~ 12:43 June 18th, 2011		14:38 ~ 14:58 June 18th, 2011		
Place of sampling	Upper part of Reactor Building of Unit 4 Fukushima Daiichi Nuclear Power Station				
Detected nuclide (half-life)	①Radioactivity density of samples※1 (Bq/cm ³)	Scaling factor (①/②)	①Radioactivity density of samples※1 (Bq/cm ³)	Scaling factor (①/②)	
I-131 (approx. 8 days)	ND	—	ND	—	1E-03
Cs-134 (approx. 2 years)	8.4E-05	0.04	1.2E-04	0.06	2E-03
Cs-137 (approx. 30 years)	1.0E-04	0.03	1.1E-04	0.04	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 0.0×10^{-0}

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