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

Place of sampling	Above the slope on the north of Unit 1		Mountain side of Unit 1		Mountain side of Unit 2		Density limit in the air to workers engaged in tasks associated
Date and time of sampling	10:32-10:52 July 7, 2011		11:10-11:30 July 7, 2011		11:44-12:04 July 7, 2011		
Detected nuclide (half-life)	Radioactivity density of samples 1 (Bq/cm3)	Scaling factor ( / )	Radioactivity density of samples 1 (Bq/cm3)	Scaling factor ( / )	Radioactivity density of samples 1 (Bq/cm3)	Scaling factor ( / )	with radiation (Bq/cm3) 2
I-131 (approx. 8 days)	ND	1	ND	-	ND	-	1E-03
Cs-134 (approx. 2 years)	ND	-	8.9E-05	0.04	ND	-	2E-03
Cs-137 (approx. 30 years)	ND	-	7.4E-05	0.02	ND	-	3E-03

<sup>1</sup> The value of Radioactivity density is the sum of the value of volatile nuclide's density and the value of paritulate nuclide's density

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

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