

Nuclide Analysis Results of Radioactive Materials in the Air at Site of Power Station

Reference

(Data Summarized on August 6)

Place of sampling	West Gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)		/		Density limit by the announcement of Reactor Regulation ( Bq/cm3 ) (Density limit in the air to which radiation workers breathe in the section 4 of the appendix 2) 2
	Date and time of sampling	11:30 am - 12:10 pm August 5, 2011	9:12 am to 9:23 am August 5, 2011	/			
Detected nuclide (half-life)	Radioactivity density 1 ( Bq/cm3)	Scaling factor ( / )	Radioactivity density 1 ( Bq/cm3)	Scaling factor ( / )	Radioactivity density 1 ( Bq/cm3)	Scaling factor ( / )	
I-131 (approx. 8 days)	ND	-	ND	-	/		1E-03
Cs-134 (approx. 2 years)	ND	-	ND	-	/		2E-03
Cs-137 (approx. 30 years)	ND	-	ND	-	/		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.

3 In this analysis, "ND" means that the results fall below detection limits.

(Volatile I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 4E-6Bq/cm3, and Cs-137: approx. 4E-6Bq/cm3)

(Particulate: I-131: approx. 1E-6Bq/cm3, Cs-134: approx. 2E-6Bq/cm3, and Cs-137: approx. 2E-6Bq/cm3)

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on detectors or samples.