

Reference

Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations

(Data summarized on August 29)

Place of Sampling	West Gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)		/		Density limit by the announcement of Reactor Regulation (Bq/cm ³) (Density limit in the air to which radiation workers breathe in the section 4 of the appendix 2)*2
	Time of Sampling	2011/8/28 7:00 ~ 12:00	2011/8/28 9:12 ~ 9:22				
Detected Nuclides (Half-life)	Radioactivity density*1 *3 (Bq/cm ³)	Scaling Factor (/)	Radioactivity density*1 *3 (Bq/cm ³)	Scaling Factor (/)	Radioactivity density*1 *3 (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	ND	-	ND	-	/	/	1E-03
Cs-134 (about 2 years)	ND	-	ND	-	/	/	2E-03
Cs-137 (about 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.

O.OE - O means O.O x 10-O

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 "ND" means the sampled data is below measurable limit.

Detection limits of 3 nuclides on the West Gate of Fukushima Daiichi are as follows:

Volatile: I-131: approx. 1E-7Bq/cm³, Cs-134: approx. 3E-7Bq/cm³, Cs-137: approx. 4E-7Bq/cm³
 Cs-134: approx. 2E-7Bq/cm³, Cs-137: approx. 2E-7Bq/cm³

Particulate: I-131: approx. 7E-8Bq/cm³,

Detection limits of 3 nuclides on MP-1 of Fukushima Daini are as follows:

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

Particulate: I-131: approx. 9E-7Bq/cm³,