

Nuclide Analysis Results of Radioactive Materials in the Air
 using a Robot at Fukushima Daiichi

Place of sampling	Inside TIP Room of Unit 2 R/B at 1F		/		/		Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of sampling	March 21, 2012 11:29 - 12:29		/		/		
Detected nuclide (half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	
I-131 (Approx. 8 days)	ND	-	/	/	/	/	1E-03
Cs-134 (Approx. 2 years)	3.0E-03	1.5	/	/	/	/	2E-03
Cs-137 (Approx. 30 years)	3.9E-03	1.3	/	/	/	/	3E-03

* 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.

* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

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

The detection limits of three major nuclide that are not detected are as follows:

Volatile I-131: approx. 2E-5Bq/cm³

Particulate I-131: approx. 2E-5Bq/cm³

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