

<Reference>
 October 11, 2011
 Tokyo Electric Power Company

Nuclide Analysis Results of Radioactive Materials in the Air at the upside of reactor building of Unit 1 in Fukushima Daiichi Nuclear Power Stations

(Data summarized on October 11)

Place of Sampling	At the upside of reactor building of Unit 1 (On the four floor at the openings of hatch)		At the upside of reactor building of Unit 1 (at the carrying gate of the reactor building)				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)
	Time of Sampling	density of sample (Bq/cm ³)	Scaling Factor (/)	density of sample (Bq/cm ³)	Scaling Factor (/)	density of sample (Bq/cm ³)	
	Oct 07,2011 11:44am-1:44pm						
I-131 (about 8 days)	ND	-	ND	-			1E-03
Cs-134 (about 2 years)	9.7E-04	0.49	1.3E-04	0.07			2E-03
Cs-137 (about 30 years)	1.1E-03	0.37	1.8E-04	0.06			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

Data of other nuclides are under examination.

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

* When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable". The followings show the detection limits. I-131: approx. 3E-8Bq/cm³, Cs-134: approx. 5E-8Bq/cm³, Cs-137: approx. 4E-8Bq/cm³ Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples. This survey shows results of the nuclide analysis of particulate radioactive materials in the air.