<Reference>
October 13, 2011
Tokyo Electric Power Company

Reference

Nuclide Analysis Results of Radioactive Materials in the Air at the upside of reactor building of Unit 3 in Fukushima Daiichi Nuclear Power Stations

(Data summarized on October 13)

Place of Sampling	At the upside of reactor building of Unit 3① (On the 3rd floor at the openings of hatch)		At the upside of reactor building of Unit 3 ② (On the 3rd floor at the openings of hatch)				②Density 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)
Time of Sampling	2011/10/12 8:41～9:11		2011/10/12 9:38～10:08				
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-			1E-03
Cs-134 (about 2 years)	9.9E-05	0.05	3.4E-04	0.17			2E-03
Cs-137 (about 30 years)	1.1E-04	0.04	4.3E-04	0.14			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.
* "ND" means the sampled data is below measurable limit.

Detection limits of 3 nuclides are as follows:

Volatile: I-131: approx. 1E-5Bq/cm3 Particulate: I-131: approx. 6E-6Bq/cm3

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