August 30, 2011
Tokyo Electric Power Company

Reference

Nuclide Analysis Results of Radioactive Materials in the Air at the Upper Part of the Ractor Building of Unit 2, Fukushima Daiichi

(Data summarized on August 30)

Place of Sampling	Upper part of reactor buildin of Unit 2 ① (lower part of blow-out pannel opening)		Upper part of reactor buildin of Unit 2 ② (central part of blow-out pannel opening)		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)*2
Date and time of sampling	2011/8/29 10:35～11:35		2011/8/29 12:20～13:20		
Detected Nuclides (Half-life)	①Radioactivity density※1 ※3 (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density※1 ※3 (Bq/cm^3)	Scaling factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	9.6E-04	0.48	1.5E-03	0.75	2E-03
Cs-137 (about 30 years)	1.0E-03	0.33	1.6E-03	0.53	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 In this analysis, "ND" means that the results fall bellow detection limits.

Detection limits of 3 nuclides are as follows;

Volatile: I-131: approx. 8E-6Bq/cm3

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

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