＜Reference＞
July 31, 2011
Tokyo Electric Power Company

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

Reference

(Data Summarized on July 31)

Place of sampling	Fukushima Diichi Above the slope on the north of Unit 1		Fukushima Diichi Above the slope on the west of Unit 1 & 2		Fukushima Diichi Above the slope on the west of Unit 3 & 4		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	July 30, 2011 10:03am ～ 1:03pm ※3		July 30, 2011 9:47am ～ 0:47pm ※3		July 30, 2011 9:37am ～ 0:37pm ※3		
Detected nuclide (half-life)	①Radioactivity density※1 (Bq/cm3)	Scaling factor (①/②)	①Radioactivity density※1 (Bq/cm3)	Scaling factor (①/②)	①Radioactivity density※1 (Bq/cm3)	Scaling factor (①/②)	
I-131 (approx. 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (approx. 2 years)	ND	-	ND	-	ND	-	2E-03
Cs-137 (approx. 30 years)	ND	-	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.

○.○E－○ means ○.○ x $10^{-○}$

※2 In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

※3 As using low flow rate (approx. 5little/min) dust sampler, it takes more than 1 hour to collect samples.
<Reference>Flow rate of collecting samples at west gate everyday is approx. 40little/min.

※4 In this analysis, "ND" means that the results fall bellow detection limits. The followings are the detection limits of three major nuclides:
(Volatile: I-131: approx. 3E-6Bq/cm3, Cs-134: approx. 9E-6Bq/cm3, and Cs-137: approx. 9E-6Bq/cm3)
(Particulate: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 6E-6Bq/cm3, and Cs-137: 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.