<Reference data>

April 7th, 2011
Tokyo Electric Power Company

The result of the nuclide analysis of radioactive materials in the air at the site of Fukushima Daiichi Nuclear Power Station

The result of the nuclide analysis of radioactive materials in the air in the site of Fukushima Daiichi Nuclear Power Station is as follows.

1. Conditions of collection and measurement

Collection of sample	Place	Fukushima Daiichi: Western Gate		
	Date	4/6 2:00～2:20		
	Manner of Collection	Collecting dust by monitoring cars		
	Wind direction & speed	W 0.6m/s (2:00 present)		
Measurement of sample	Date	4/6 11:22～		
	Measuring method	Brought the sample to Fukushima Daini Nuclear Power Station and analyzed it by the analysis device of Germanium semi-conductor type nuclide		
	Measuring time	1,000s		

2. Result

(Data collected on April 7th)

	Nuclide	①Radioactivity density (Bq/cm3)	②Detection limit density (Bq/cm3)	Ratio to density limit in the air (①／③)	③Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3)※
Volatile characteristics	I-131	2.0E-04	8.8E-06	0.20	1E-03
	Cs-134	ND	-	-	2E-03
	Cs-137	ND	-	-	3E-03
Particulate characteristics	I-131	6.7E-05	4.7E-06	0.07	1E-03
	Cs-134	9.3E-06	6.1E-06	0.00	2E-03
	Cs-137	7.7E-06	6.2E-06	0.00	3E-03

※ Statutory density limit to the 3-month average density of radioactive nuclide contained in the air that humans breathe
※ X.XE－X means X.X x 10－x
※ Other nuclide are in the process of revaluation