<Reference>
September 3, 2011
Tokyo Electric Power Company

Nuclide Analysis Results of Radioactive Materials in the Air
Regarding Water Injection for the Reactor through Core Spray System of Unit 3, Fukushima Daiichi

(Data summarized on September 3)

Place of Sampling	Fukushima Daiichi around MP-7		Fukushima Daiichi around Main Gate		Fukushima Daiichi around north east side of ground		Fukushima Daiichi around north east side of ground		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	2011/9/1 14:10～14:50		2011/9/1 15:20～16:00		2011/9/1 23:20～24:00		2011/9/2 5:20～6:00		
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)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	2E-03
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	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}

* 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-6Bq/cm3, Cs-134: approx. 4E-6Bq/cm3, Cs-137: approx. 4E-6Bq/cm3

Particulate: I-131: approx. 8E-7Bq/cm3, Cs-134: approx. 2E-6Bq/cm3, Cs-137: approx. 2E-6Bq/cm3

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