

**Primary Containment Vessel of Unit 1 of Fukushima Daiichi Nuclear Power Station**  
**Sampling Result by the Gas Control System**

March 9, 2012  
Tokyo Electric Power Company

[Sampling time & date] March 2, 2012 (Fri) 10:41-11:21 (particulate filter)  
10:41-11:21 (charcoal filter)

[Measurement result]

Nuclides		Density of sample (Bq/cm <sup>3</sup> )	Detection limits (Bq/cm <sup>3</sup> )	Half-life
particulate filter	I-131	Below detection limit	$8.8 \times 10^{-7}$	About 8 days
	Cs-134	$2.9 \times 10^{-6}$	$2.1 \times 10^{-6}$	About 2 years
	Cs-137	$4.0 \times 10^{-6}$	$2.4 \times 10^{-6}$	About 30 years

Nuclides		Density of sample (Bq/cm <sup>3</sup> )	Detection limits (Bq/cm <sup>3</sup> )	Half-life
charcoal filter	I-131	Below detection limit	$1.4 \times 10^{-6}$	About 8 days
	Cs-134	Below detection limit	$3.4 \times 10^{-6}$	About 2 years
	Cs-137	$4.3 \times 10^{-6}$	$4.1 \times 10^{-6}$	About 30 years

This evaluation targets the nuclide analysis of particles and iodine. Rare gas is exempt from the evaluation.