

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

February 13, 2012  
Tokyo Electric Power Company

[Sampling time & date] February 9, 2012 (Thu) 10:58-11:39 (particulate filter)  
10:58-11:39 (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 measurable limit	$8.1 \times 10^{-7}$	About 8 days
	Cs-134	$3.4 \times 10^{-6}$	$2.1 \times 10^{-6}$	About 2 years
	Cs-137	$5.0 \times 10^{-6}$	$2.3 \times 10^{-6}$	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 measurable limit	$1.3 \times 10^{-6}$	About 8 days
	Cs-134	Below measurable limit	$3.6 \times 10^{-6}$	About 2 years
	Cs-137	Below measurable limit	$3.9 \times 10^{-6}$	About 30 years

The data above is for the sampling result of nuclide analysis of particulate and iodine, and rare gas is not chosen to be measured.