

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

December 15, 2011

Tokyo Electric Power Company

[Sampling time & date] December 14, 2011 (Wed) 12:58 ~ 13:38 (Particle filter)
12:58 ~ 13:38 (Charcoal filter)

[Measurement result]

Nuclides		Density of sample (Bq/cm ³)	Detection limits (Bq/cm ³)	Half-life
Particle filter	I-131	Below measurable limit	7.8×10^{-7}	About 8 days
	Cs-134	Below measurable limit	2.2×10^{-6}	About 2 years
	Cs-137	Below measurable limit	2.4×10^{-6}	About 30 years

Nuclides		Density of sample (Bq/cm ³)	Detection limits (Bq/cm ³)	Half-life
Charcoal filter	I-131	Below measurable limit	1.5×10^{-6}	About 8 days
	Cs-134	Below measurable limit	3.8×10^{-6}	About 2 years
	Cs-137	5.3×10^{-6}	4.2×10^{-6}	About 30 years

This evaluation is intended for result of analyses of particulate and iodine nuclides, but rare gases are exempt.