

Gas Sampling Results of the Unit 1 PCV Gas Control System
Conducted at Fukushima Daiichi Nuclear Power Station

April 17, 2012
Tokyo Electric Power Company

【Sampling date】 April 2, 2012 (Mon) 10:59 – 11:39 (particle filter)
10:59 – 11:39 (charcoal filter)

【Sampling results】

Nuclides		Radioactive Concentration (Bq/cm ³)	Detectable Limit (Bq/cm ³)	Half-Life Period
Particle filter	I-131	Below Detectible Limit	7.0×10^{-7}	About 8 Days
	Cs-134	Below Detectible Limit	2.0×10^{-6}	About 2 Years
	Cs-137	Below Detectible Limit	2.4×10^{-6}	About 30 Years

Nuclides		Radioactive Concentration (Bq/cm ³)	Detectable Limit (Bq/cm ³)	Half-Life Period
Charcoal filter	I-131	Below Detectible Limit	1.5×10^{-6}	About 8 Days
	Cs-134	Below Detectible Limit	3.5×10^{-6}	About 2 Years
	Cs-137	Below Detectible Limit	4.2×10^{-6}	About 30 Years

This evaluation is targeted for nuclide analysis for particular matter and iodine and rare gas was excluded from the evaluation.