

Gas Sampling Results of the Unit 2 PCV Gas Control System
Conducted at Fukushima Daiichi Nuclear Power Station

April 26, 2012
Tokyo Electric Power Company

【Sampling place】 Inlet of Unit 2 PCV Gas Control System

【Sampling date】 10:52, April 25, 2012 (Wed)

【Sampling results】

Nuclides		Radioactive Concentration (Bq/cm ³)	Detectable Limit (Bq/cm ³)	Half-Life Period
Gas Vial Container	I-131	Below Detectable Limit	1.4×10^{-1}	About 8 Days
	Cs-134	3.0×10^{-1}	3.0×10^{-1}	About 2 Years
	Cs-137	Below Detectable Limit	3.6×10^{-1}	About 30 Years
	Kr-85	5.5×10^1	2.6×10^1	About 11 Years
	Xe-131m	Below Detectable Limit	3.3×10^0	About 12 Days
	Xe-133	Below Detectable Limit	2.2×10^{-1}	About 5 Days
	Xe-135	Below Detectable Limit	1.1×10^{-1}	About 9 Hours

Each of short half-life Xe isotopes were below detection limit.
Not exceeding the re-criticality criteria of 1Bq/cm³ (Xe-135)