

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

April 18, 2012

Tokyo Electric Power Company

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

【Sampling date】 10:57, April 17, 2012 (Tue)

【Sampling results】

Nuclides		Radioactive Concentration (Bq/cm ³)	Detectable Limit (Bq/cm ³)	Half-Life Period
Gas Vial Container	I-131	Below Detectible Limit	1.2×10^{-1}	About 8 Days
	Cs-134	4.3×10^{-1}	2.9×10^{-1}	About 2 Years
	Cs-137	Below Detectible Limit	3.6×10^{-1}	About 30 Years
	Kr-85	5.9×10^1	2.6×10^1	About 11 Years
	Xe-131m	Below Detectible Limit	2.8×10^0	About 12 Days
	Xe-133	Below Detectible Limit	2.4×10^{-1}	About 5 Days
	Xe-135	Below Detectible Limit	1.0×10^{-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)