

Gas Sampling Results of Gas Control System of Primary Containment Vessel (PCV) of Unit 2 of Fukushima Daiichi Nuclear Power Station

April 4, 2012

Tokyo Electric Power Company

【Sampling Point】 Entrance of Gas Control System of PCV of Unit 2

【Sampling Date and Time】 At 12:40 pm on April 3, 2012

【Results】

Nuclide		Concentration of Radioactive Material (Bq/cm ³)	Limit of Detection (Bq/cm ³)	Half-life Period
Gas vial Container	I-131	Below Limit of Detection	1.4×10^{-1}	About 8 days
	Cs-134	3.5×10^{-1}	3.1×10^{-1}	About 2 years
	Cs-137	Below Limit of Detection	3.7×10^{-1}	About 30 years
	Kr-85	9.7×10^1	2.6×10^1	About 11 years
	Xe-131m	Below Limit of Detection	3.3×10^0	About 12 days
	Xe-133	Below Limit of Detection	2.5×10^{-1}	About 5 days
	Xe-135	Below Limit of Detection*	1.1×10^{-1}	About 9 hours

Short half-life period of Xe is below limit of detection.

* It does not exceed the judgment criteria for nuclear chain reaction (1Bq/cm³, Xe-135) .