

**Gas Sampling Results of the Unit 3 PCV Gas Control System  
Conducted at Fukushima Daiichi Nuclear Power Station**

March 2, 2012  
Tokyo Electric Power Company

【Sampled at】 Entrance of Unit 3 PCV Gas Control System

【Sampling date】 At 12:25 pm on Thu. March 1, 2012

【Sampling results】

Nuclides		Radioactive Concentration ( Bq/cm <sup>3</sup> )	Detectible Limit ( Bq/cm <sup>3</sup> )	Half-Life Period
Gas Vial Container	I-131	Below Detectible Limit	$1.3 \times 10^{-1}$	About 8 Days
	Cs-134	$4.0 \times 10^{-1}$	$3.2 \times 10^{-1}$	About 2 Years
	Cs-137	$7.2 \times 10^{-1}$	$3.8 \times 10^{-1}$	About 30 Years
	Kr-85	Below Detectible Limit	$2.5 \times 10^1$	About 11 Years
	Xe-131m	Below Detectible Limit	$3.3 \times 10^0$	About 12 Days
	Xe-133	Below Detectible Limit	$2.2 \times 10^{-1}$	About 5 Days
	Xe-135	Below Detectible Limit	$1.0 \times 10^{-1}$	About 9 Hours

The Xes, all of which are short half-life period, were below the detectible limits.  
Not exceeding the re-criticality criteria of 1Bq/cm<sup>3</sup> ( Xe-135, temporary value )