

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

March 22, 2012

Tokyo Electric Power Company

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

【Sampling date】 10:02 ,March 21, 2012 (Wed)

【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	$1.2 \times 10^{-1}$	About 8 Days
	Cs-134	Below Detectible Limit	$3.1 \times 10^{-1}$	About 2 Years
	Cs-137	$5.5 \times 10^{-1}$	$3.6 \times 10^{-1}$	About 30 Years
	Kr-85	$3.7 \times 10^1$	$2.6 \times 10^1$	About t 11 Years
	Xe-131m	Below Detectible Limit	$2.7 \times 10^0$	About 12 Days
	Xe-133	Below Detectible Limit	$2.3 \times 10^{-1}$	About t 5 Days
	Xe-135	Below Detectible Limit	$9.1 \times 10^{-2}$	About 9 Hours

Each of short half-life Xe isotopes were below detection limit.

Not exceeding the re-criticality criteria of 1Bq/cm<sup>3</sup> ( Xe-135, temporary value )