

## Primary Containment Vessel of Unit 2 of Fukushima Daiichi Nuclear Power Station Sampling Result of the Gas Control System

December 28, 2011

Tokyo Electric Power Company

[Sampling place] Intake of gas control system of Primary Containment Vessel of Unit 2

[Sampling time & date] December 28, 2011 (Wed) 11:04

[Measurement result]

Nuclides		Density of sample (Bq/cm <sup>3</sup> )	Detection limits (Bq/cm <sup>3</sup> )	Half-life
Gas vial container	I-131	Below measurable limit	$1.3 \times 10^{-1}$	About 8 days
	Cs-134	$3.6 \times 10^{-1}$	$3.2 \times 10^{-1}$	About 2 years
	Cs-137	$5.5 \times 10^{-1}$	$3.7 \times 10^{-1}$	About 30 years
	Kr-85	$4.9 \times 10^2$	$2.7 \times 10^1$	About 11 years
	Xe-131m	Below measurable limit	$4.2 \times 10^0$	About 12 days
	Xe-133	Below measurable limit	$3.9 \times 10^{-1}$	About 5 days
	Xe-135	Below measurable limit	$1.1 \times 10^{-1}$	About 9 hours

Both of short-half-life Xe are below measurable limit.

Not exceeding 1 Bq/cm<sup>3</sup> (Xe-135) of recriticality criteria