

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

January 5, 2012

Tokyo Electric Power Company

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

[Sampling time & date] January 4, 2012 (Wed) 11:24

[Measurement result]

Nuclides		Density of sample (Bq/cm ³)	Detection limits (Bq/cm ³)	Half-life
Gas vial container	I-131	Below measurable limit	1.3*10 ⁻¹	About 8 days
	Cs-134	3.4*10 ⁻¹	3.2*10 ⁻¹	About 2 years
	Cs-137	Below measurable limit	3.9*10 ⁻¹	About 30 years
	Kr-85	2.7*10 ²	3.1*10 ¹	About 11 years
	Xe-131m	Below measurable limit	3.3*10 ⁰	About 12 days
	Xe-133	Below measurable limit	3.0*10 ⁻¹	About 5 days
	Xe-135	Below measurable limit	1.0*10 ⁻¹	About 9 hours

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

Not exceeding 1 Bq/cm³ (Xe-135) of recriticality criteria