

Result of gas sampling in the gas management system in the Primary Containment Vessel of Unit 2 at Fukushima Daiichi NPS

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T o k y o E l e c t r i c P o w e r C o m p a n y

【Place of sampling】 Entry of the gas management system in PCV of Unit 2

【Time of sampling】 Sunday, 3:22, February 12, 2012

【Result】

Nuclides		Density of radioactive materials (Bq/cm ³)	Density limit (Bq/cm ³)	Half-life
Gas vial container	I-131	ND	1.3×10^{-1}	8 days
	Cs-134	ND	3.1×10^{-1}	Approx. 2 years
	Cs-137	ND	3.7×10^{-1}	Approx. 30 years
	Kr-85	ND	2.6×10^1	Approx. 11 years
	Xe-131m	ND	3.0×10^0	Approx. 12 days
	Xe-133	ND	2.4×10^{-1}	Approx. 5 days
	Xe-135	ND*	9.5×10^{-2}	Approx. 9 hours

Each of short half-life Xe was not detectable.

* Below the criterion of judging criticality, 1 Bq/cm³ (Xe-135)