

**Results of Gas Sampling Conducted at
the Entrance of Gas Control System, PCV, Unit 2**

【Sampling Point】 Entrance of Gas Control System, PCV, Unit 2

F e b r u a r y 7 , 2 0 1 2

【Sampling Time & Date】 12:34 am on Mon. February 6, 2012

Tokyo Electric Power Company

【Results】

Nuclides		Radioactivity Concentration (Bq/cm ³)	Detection Limit (Bq/cm ³)	Half Life
Gas Vial	I-131	Below the detection limit	1.3×10^{-1}	Approx. 8 days
	Cs-134	Below the detection limit	3.3×10^{-1}	Approx. 2 years
	Cs-137	5.4×10^{-1}	3.8×10^{-1}	Approx. 30 years
	Kr-85	Below the detection limit	2.6×10^1	Approx. 11 years
	Xe-131m	Below the detection limit	2.9×10^0	Approx. 12 days
	Xe-133	Below the detection limit	2.5×10^{-1}	Approx. 5 days
	Xe-135	Below the detection limit	1.0×10^{-1}	Approx. 9 hours

The results for Xe with a short half life were all below the detection limit.
Below the re-criticality criteria for Xe-135, 1Bq/cm³.

【Note】 As for the sub-critical state of Unit 1, we confirmed that the radioactive concentration of Xe-135 in the exhaust gas, measured by a detection device installed in the Gas Control System, was below the re-criticality criteria, 1Bq/cm³. (Results for Xe-135 on February 6 : $(1.6 \sim 2.6) \times 10^{-3} \text{Bq} / \text{cm}^3$)

* An amendment was made since there was an error in the contents. (Feb. 7, 2012)