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

February 2, 2012

Tokyo Electric Power Company

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

【Sampling Time & Date】10:44 am on Wed. February 1, 2012

【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	3.5×10^{-1}	3.2×10^{-1}	Approx. 2 years
	Cs-137	7.4×10^{-1}	3.8×10^{-1}	Approx. 30 years
	Kr-85	Below the detection limit	2.5×10^{1}	Approx. 11 years
	Xe-131m	Below the detection limit	3.0×10^{0}	Approx. 12 days
	Xe-133	Below the detection limit	2.5×10^{-1}	Approx. 5 days
	Xe-135	Below the detection limit ※	9.5×10^{-2}	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, $1Bq/cm^3$.

【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, $1Bq/cm^3$. (Results for Xe-13 on February 1 : $(1.7\sim2.7)\times10^{-3}Bq/cm^3$)