

Sampling Result at Unit 2 PCV Gas Control System of Fukushima Daiichi Nuclear Power Station

Sampling location: The entrance of Unit 2 PCV gas control system

Sampling time and date: 10:51 AM on June 27, 2012 (Wednesday)

Result

Nuclide		Concentration of Radioactive Material (Bq/cm ³)	Detection Limit (Bq/cm ³)	Half Life (Approx.)
Gas vial container	I-131	Below the detection limit	1.1×10^{-1}	8 days
	Cs-134	Below the detection limit	2.3×10^{-1}	2 years
	Cs-137	Below the detection limit	2.8×10^{-1}	30 years
	Kr-85	1.2×10^2	2.4×10^1	11 years
	Xe-131m	Below the detection limit	2.9×10^0	12 days
	Xe-133	Below the detection limit	2.1×10^{-1}	5 days
	Xe-135	Below the detection limit*	9.6×10^{-2}	9 hours

The results of short half-life Xe were all below the detection limit.

* Below the re-criticality criteria of 1Bq/cm³ (Xe-135)