

The results of sampling surveys gas management system
in primary containment vessel
(Unit 2, Fukushima Daiichi Nuclear Power Station)

November 30, 2011
Tokyo Electric Power Company

[Place of sampling] The entrance of gas management system in primary containment vessel
(Unit 2, Fukushima Daiichi Nuclear Power Station)

[Time of sampling] At 12:58pm on November 29, 2011

[Results of sampling]

Nuclide		Radioactivity Density (Bq/cm ³)	Detection Limits (Bq/cm ³)	Half-life
Vial	I-131	ND	1.4×10^{-1}	Approx. 8 days
	Cs-134	1.3×10^0	3.3×10^{-1}	Approx. 2 years
	Cs-137	1.9×10^0	3.8×10^{-1}	Approx. 30 years
	Kr-85	5.4×10^1	2.5×10^1	Approx. 11 years
	Xe-131m	ND	3.2×10^0	Approx. 12 days
	Xe-133	ND	3.0×10^{-1}	Approx. 5 days
	Xe-135	ND	1.1×10^{-1}	Approx. 9 hours

Each Radioactivity Density of short-half-life Xe is under ND
* Under the criteria of recriticality, 1Bq/cm³ (Xe-135).

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[Place of sampling] The entrance of gas management system in primary containment vessel
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[Time of sampling] At 12:02pm on November 29, 2011

[Results of sampling]

Nuclide		Radioactivity Density (Bq/cm ³)	Detection Limits (Bq/cm ³)	Half-life
Vial	I-131	ND	1.3×10^{-1}	Approx. 8 days
	Cs-134	1.6×10^0	3.6×10^{-1}	Approx. 2 years
	Cs-137	1.6×10^0	3.8×10^{-1}	Approx. 30 years
	Kr-85	ND	3.2×10^1	Approx. 11 years
	Xe-131m	ND	3.4×10^0	Approx. 12 days
	Xe-133	ND	2.7×10^{-1}	Approx. 5 days
	Xe-135	ND	1.1×10^{-1}	Approx. 9 hours

* Regarding the Radioactivity Density of Cs-134, be used as a reference because the value of Radioactivity Density at the exit shows a higher level than at the entrance