

* The document distributed on September 16 includes some errors. Please be informed that these errors are corrected as follows

Result of sampling of condensed water and gas inside the primary containment vessel of Unit 1 in Fukushima Daiichi Nuclear Power Station

◇ Erros

The followings show errors. No correction on condensed water.

Nuclide		Radioactive material density* (Bq/cm3)		
		1st (9:58 am)	2nd (10:32 am)	3rd (11:09 am)
Condensed water	Cs-134	1.4×10^{-1}	1.4×10^{-1}	1.2×10^{-1}
	Cs-137	1.5×10^{-1}	1.5×10^{-1}	1.5×10^{-1}
	I-131	Below detection limit	Below detection limit	Below detection limit
	Sb-125	4.4×10^{-3}	3.4×10^{-2}	1.4×10^{-1}

*Converted to density in vapors

Nuclide			Radioactive material density (Bq/cm3)		
			1st (9:36 am)	2nd (10:21 am)	3rd (10:52 am)
Gas	Cs-134	Cor.	2.8×10^0	3.9×10^0	3.6×10^0
		Er.	2.5×10^0	3.4×10^0	3.2×10^0
	Cs-137	Cor.	3.4×10^0	5.4×10^0	4.6×10^0
		Er.	3.0×10^0	4.7×10^0	4.1×10^0
I-131		Below detection limit	Below detection limit	Below detection limit	

<Density inside PCV estimated based on measurement result>

Nuclide		Radioactive material density* (Bq/cm3)	
		Unit 1 (this time)	Unit 2 Sampled on Aug. 9
Cs-134	Cor.	1.6×10^0	4.4×10^{-1}
	Er.	1.4×10^0	
Cs-137	Cor.	2.0×10^0	4.6×10^{-1}
	Er.	1.8×10^0	
Ratio of vapors		Approx. 46%	Approx. 100%

Result of sampling of condensed water and gas inside the primary containment vessel of Unit 1 in Fukushima Daiichi Nuclear Power Station

- ◇ Date of Sampling
Wed. September 14, 2011
- ◇ Record of Work
[Working time] 9:15~12:10
[Numbers of workers] 12 persons
[Radiation dose] 1.73mSv (max)
- ◇ Measurement Result
Data of major nuclides and radioactive material density are as follows

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	Cs-137	3.4×10^0	5.4×10^0	4.6×10^0
	I-131	Below detection limit	Below detection limit	Below detection limit



Fukushima Daiichi: Temporary gas sampling instrument for primary containment vessel (PCV) of Unit 1

Taken by: TEPCO
Date: September 14, 2011

<Density inside PCV estimated based on measurement result>

Nuclide	Radioactive material density (Bq/cm ³)	
	Unit 1 (this time)	Unit 2 (Sampled on August 9)
Cs-134	1.6×10^0	4.4×10^{-1}
Cs-137	2.0×10^0	4.6×10^{-1}
Ratio of vapors	Approx.46%	Approx.100%