

Result of Nuclide Analysis of Radioactive Materials in the Air
inside the Reactor Building of Fukushima Daiichi Nuclear Power Station Unit 2

Reference

Place of sampling	Inside the Reactor Building of Fukushima Daiichi Nuclear Power Station Unit 2		Density limit by the announcement of Reactor Regulation (Bq/cm ³) (The Section 4 of the Appendix 2: Density limit in the air to workers engaged in tasks associated with radiation) ²
Date and time of sampling	June 4, 2011 11:30 am - 11:40 am		
Detected nuclide (half-life)	Radioactivity density ¹ (Bq/cm ³)	Scaling factor (/)	
I-131 (approx. 8 days)	4.2E-02	42	1E-03
Cs-134 (approx. 2 years)	5.8E-02	29	2E-03
Cs-137 (approx. 30 years)	5.6E-02	19	3E-03

Statutory density limit to the 3-month average density of radioactive nuclides contained in the air that humans breathe.

¹ . E - means . x 10⁻

² In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.