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### Nuclides Analysis Result of the Radioactive Materials in the Air at the Upper Part of Unit 3 Reactor Building <1/1>

(Data summarized on February 19)

Place of Sampling	Upper Part of Unit 3 Reactor Building ① (Above the Reactor (Southwest side))		Upper Part of Unit 3 Reactor Building ② (Above the Reactor (Southwest side))		Upper Part of Unit 3 Reactor Building ③ (Around the Machine Hatch Opening)		② Density Limit Specified by the Reactor Regulation (Bq/cm <sup>3</sup> ) (Density limit in the air which radiation workers breathe in is specified in section 4 of Appendix 2)
	Time of Sampling	Feb 6, 2014 9:45 AM - 10:15 AM	Feb 6, 2014 10:35 AM - 11:05 AM	Feb 6, 2014 11:40 AM - 12:10 PM			
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (Approx. 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (Approx. 2 years)	2.0E-05	0.01	1.3E-04	0.07	2.5E-05	0.01	2E-03
Cs-137 (Approx. 30 years)	5.3E-05	0.02	3.1E-04	0.10	6.1E-05	0.02	3E-03

\* The radioactivity density is the sum of the volatile nuclides density and the particulate nuclides density.

O.OE—O is the same as O.O x 10<sup>-O</sup>

Data of other nuclides is under examination.

\* In the case of more than 2 nuclides, the sum of scaling factors to density limits is compared to 1.

\* "ND" indicates that the measurement result is below the detection limit.

The detection limits are as follows.

Volatile; I-131: Approx. 1E-6Bq/cm<sup>3</sup>, Cs-134: Approx. 2E-6Bq/cm<sup>3</sup>, Cs-137: Approx. 3E-6Bq/cm<sup>3</sup>

Particulate; I-131: Approx. 2E-6Bq/cm<sup>3</sup>

As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.