

Nuclides Analysis Result of the Radioactive Materials in the Air at the Exhaust Facility of Unit 2 Reactor Building

Reference

(Data summarized on December 19)

Place of Sampling	Unit 2 Reactor Building Exhaust Facility (Inlet of Filter of Exhaust Vent)		Unit 2 Reactor Building Exhaust Facility (Exit of Filter of Exhaust Vent)		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	Dec 15, 2014 12:00PM-13:58PM		Dec 15, 2014 11:49AM-13:49PM		
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)	
I-131 (Approx. 8 days)	ND	-	ND	-	1E-03
Cs-134 (Approx. 2 years)	7.3E-06	0.00	ND	-	2E-03
Cs-137 (Approx. 30 years)	2.1E-05	0.01	ND	-	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-O

Data of other nuclides is under examination.

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

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

Unit 2 Reactor Building Exhaust Facility(Inlet of Filter of Exhaust Vent)におけるThe detection limits are as follows.  
 Volatile: I-131: Approx. 2E-7Bq/cm<sup>3</sup>, Cs-134: Approx.3E-7Bq/cm<sup>3</sup>, Cs-137: Approx.6E-7Bq/cm<sup>3</sup> Particulate: I-131: Approx. 2E-7Bq/cm<sup>3</sup>  
 Unit 2 Reactor Building Exhaust Facility (Exit of Filter of Exhaust Vent) におけるThe detection limits are as follows. Volatile: I-131: Approx. 2E-7Bq/cm<sup>3</sup>, Cs-134: Approx.3E-7Bq/cm<sup>3</sup>, Cs-137: Approx.5E-7Bq/cm<sup>3</sup> Particulate: I-131: Approx. 1E-7Bq/cm<sup>3</sup>, Cs-134: Approx.2E-7Bq/cm<sup>3</sup>, Cs-137: Approx.3E-7Bq/cm<sup>3</sup>