

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

Reference

(Data summarized on MM/DD)

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 ³) (Density limit in the air which radiation workers breathe in is specified in section 4 of Appendix 2)
	YY/MM/DD Time		YY/MM/DD Time		
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm ³)	Scaling Factor (①/②)	①Density of Sample (Bq/cm ³)	Scaling Factor (①/②)	
I-131 (Approx. 8 days)					
Cs-134 (Approx. 2 years)					
Cs-137 (Approx. 30 years)					

* 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 Filter of Exhaust vent) The detection limit are as follows.

Volatile:I-131:Approx. O—OBq/cm³, Cs-134:Approx.: O—OBq/cm³,Cs-137:. O—OBq/cm³

Particulate:I-131:Approx. O—OBq/cm³, Cs-134:Approx.: O—OBq/cm³,Cs-137:. O—OBq/cm³

Unit 2 reactor Building Exhaust Facility (Exit Filter of Exhaust vent) The detection limit are as follows.

Volatile:I-131:Approx. O—OBq/cm³, Cs-134:Approx.: O—OBq/cm³,Cs-137:. O—OBq/cm³

Particulate:I-131:Approx. O—OBq/cm³, Cs-134:Approx.: O—OBq/cm³,Cs-137:. O—OBq/cm³