

### Nuclides Analysis Result of the Radioactive Materials in the Air at the Upper Part of Unit 2 Reactor Building < 1/2 >

(Data summarized on February 15)

Place of Sampling	Upper Part of Unit 2 Reactor Building (The Center of the Blow-out Panel, West Side Upper )	Upper Part of Unit 2 Reactor Building (The Center of the Blow-out Panel, West Side Lower )	Upper Part of Unit 2 Reactor Building (The Center of the Blow-out Panel, West Side Upper )	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 9, 2013 9:30 AM - 11:30 AM	Feb 9, 2013 9:30 AM - 11:30 AM	Feb 9, 2013 12:10 PM - 2:10 PM				
Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )				
I-131 (Approx. 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (Approx. 2 years)	2.2E-05	0.01	ND	-	ND	-	2E-03
Cs-137 (Approx. 30 years)	3.6E-05	0.01	ND	-	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<sup>-0</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. 2E-6Bq/cm<sup>3</sup>, Cs-134: Approx.5E-6Bq/cm<sup>3</sup>, Cs-137: Approx.6E-6Bq/cm<sup>3</sup>  
 Particulate: I-131: Approx. 2E-6Bq/cm<sup>3</sup>, Cs-134: Approx.3E-6Bq/cm<sup>3</sup>, Cs-137: Approx.4E-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.

### Nuclides Analysis Result of the Radioactive Materials in the Air at the Upper Part of Unit 2 Reactor Building < 2/2 >

(Data summarized on February 15)

Place of Sampling	Upper Part of Unit 2 Reactor Building (The Center of the Blow-out Panel, West Side Lower )						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 9, 2013 12:10 PM - 2:10 PM						
Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
I-131 (Approx. 8 days)	ND	-					1E-03
Cs-134 (Approx. 2 years)	3.7E-06	0.00					2E-03
Cs-137 (Approx. 30 years)	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<sup>-0</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.

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The detection limits are as follows. Volatile: I-131: Approx. 2E-6Bq/cm<sup>3</sup>, Cs-134: Approx.5E-6Bq/cm<sup>3</sup>, Cs-137: Approx.6E-6Bq/cm<sup>3</sup>  
 Particulate: I-131: Approx. 1E-6Bq/cm<sup>3</sup>, Cs-137: Approx.4E-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.