<u>Definite Results of Nuclides Analysis at Fukushima Daiichi Nuclear Power Station</u> Announced from MM/DD to MM/DD

< Legend > — : γ nuclides except for the major 3 nuclides (I-131, Cs-134, Cs-137) were not detected. ⇒ Please refer to the preliminary reports for the result of the major nucli O: γ nuclides other than the major 3 nuclides (I-131, Cs-134, Cs-137) were detected. ⇒ Please refer to the following pages.

✓ : Not applicable or cancelled due to the bad weather

Announcement Date of the Preliminary Report	Month										
Sampling Point	Date										
Nuclides Analysis Result of the Radioactive Materials in the Air at the Nuclear Power Station 発電所敷地内における空気中放射性物質の核種分析結果											
Nuclides Analysis Result of the Radioactive Materials in the Air at the Sea Side of the Nucleal Power Station 発電所敷地海側における空気中放射性物質の核種分析結果											
Nuclides Analysis Result of Radioactive Materials in the Seawater < Coast > 海水核種分析結果<沿岸>											1
Nuclides Analysis Result of the Radioactive Materials in the Seawater< Offshore of Ibaraki Prefecture > 海水核種分析結果<茨城県沖合>											
Nuclides Analysis Result of the Radioactive Materials in the Seawater of the Port 港湾内 海水核種分析結果											
Nuclides Analysis Result of the Sub-drain サブドレン等核種分析結果											
Nuclides Analysis Result of Marine Soil 海底土核種分析結果											1
Nuclides Analysis Result of the Sub-drain Water in the Surroundings of the Central Radioactive Waste Treatment Facility 集中廃棄物処理施設周辺 サブドレン水核種分析結果											
Nuclide Analysis of the Radioactive Materials in the Fallouts obtained inside and outside of Fukushima Daiichi NPS 福島第一原子力発電所敷地内外における降下物中の放射性物質の核種分析結果											
Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS 福島第一原子力発電所 建屋開口部等における空気中放射性物質の核種分析結果											
Nuclide Analysis Results of Radioactive Materials in the Air above the Reactor Building at Fukushima Daiichi NPS (Upper Part of Unit 1 Reactor Building) 福島第一原子力発電所 1号機原子炉建屋上部における空気中放射性物質の核種分析結果											
Nuclide Analysis Results of Radioactive Materials in the Air of Exhaust System of Unit 2 Reactor Building at Fukushima Daiichi NPS 福島第一原子力発電所 2号機原子炉建屋排気設備における空気中放射性物質の核種分析結果											
Nuclide Analysis Results of Radioactive Materials in the Air above the Reactor Building at Fukushima Daiichi NPS (Upper Part of Unit 3 Reactor Building) 福島第一原子力発電所 3号機原子炉建屋上部における空気中放射性物質の核種分析結果											
Nuclide Analysis Results of Radioactive Materials in the Air above the Reactor Building at Fukushima Daiichi NPS(Upper Part of Unit 4 Reactor Building) 福島第一原子力発電所 4号機原子炉建屋上部における空気中放射性物質の核種分析結果											_

[Definite Report] Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS

【確報版】福島第一原子力発電所 建屋開口部等における空気中放射性物質の核種分析結果

Place of Sampling	Shared Facilii Machine 運用補助共	xiliary Operation ty (Around the e Hatch) に用施設3階 ッチ近傍)	Shared Facility (Sta 運用補助共	xiliary Operation (In Front of South airs) 年用施設3階 階段前)	3rd Floor of Au Shared Facility (Sta 運用補助共 (北側降	② Density Limit in the Air for Workers to Engage in		
Time of Committee	From YY/M	IM/DD Time	From YY/M	IM/DD Time	From YY/M			
Time of Sampling	To YY/MN	//DD Time	To YY/MN	M/DD Time	To YY/MN	Radiation Related		
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm³)	Scaling Factor (1)/2)	①Density of Sample (Bq/cm³)	Scaling Factor (1)/2)	①Density of Sample (Bq/cm³) Scaling Factor (①/②)		Tasks (Bq/cm ³)*	
I-131 (Approx. 8 days)								
Cs-134								
(Approx. 2 years)								
Cs-137								
(Approx. 30 years)								
Mn-54								
(Approx. 310 days)								
Co-60								
(Approx. 5 years)								
Nb-95								
(Approx. 35 days)								
Tc-99m								
(Approx. 6 hrs)								
Ru-106								
(Approx. 370 days)								
Ag-110m								
(Approx. 250 days)								
Sb-125								
(Approx. 3 yrs)								
Te-129								
(Approx. 70 mins)								
Te-129m (Approx. 34 days)								
I-132								
(Approx. 2 hrs)								
Te-132								
(Approx. 78 hrs)								
I-133								
(Approx. 21 hrs)								
Cs-136								
(Approx. 13 days)								
Ba-140								
(Approx. 13 days)								
La-140 (Approx. 40 hrs)								
* The radioactivity of	lanaitu ia tha a	um of the velet	ام میرمانامم بام	noity and the n	articulata musii	daa danaitu		

^{*} The radioactivity density is the sum of the volatile nuclides density and the particulate nuclides density.

The detection limits of the major three nuclides not detected are as follows:

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

Particulate: I-131: Approx. OE-OBg/cm³, Cs-134: OE-OBg/cm³, Cs-137: Approx. OE-OBg/cm³

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

^{*} O.OE-O is the same as O.O x 10^{-O}

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

^{* &}quot;ND" indicates that the measurement result is below the detection limit.

[Definite Report] Airborne Nuclide analysis results at ventilation facility of Unit 2 reactor bldg. in the Fukushima Daiichi NPS

【確報版】福島第一原子力発電所 2号機原子炉建屋排気設備における空気中放射性物質の核種分析結果

Place of Sampling	bldg. (Opening filt 2号機原子炉	r of Unit 2 reactor of exhaust gas er) 建屋排気設備 ルタ入口)	reactor bldg exhaust g 2号機原子炉	cility of Unit 2 g. (Outlet of as filter) 建屋排気設備 ルタ出口)		② Density Limit in the Air for Workers		
Time of Sampling		IM/DD Time		MM/DD Time	From YY/M	to Engage in		
9	To YY/MN	I/DD Time	To YY/MM	M/DD Time	To YY/MN	Radiation Related		
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm³)	Scaling Factor (①/②)	①Density of Sample (①/②)		①Density of Sample (Bq/cm³)	Scaling Factor (①/②)	Tasks (Bq/cm ³)*	
I-131 (Approx. 8 days)								
Cs-134								
(Approx. 2 years)								
Cs-137								
(Approx. 30 years)								
Mn-54								
(Approx. 310 days)								
Co-60								
(Approx. 5 years)								
Nb-95								
(Approx. 35 days)								
Tc-99m								
(Approx. 6 hrs)								
Ru-106								
(Approx. 370 days)								
Ag-110m								
(Approx. 250 days)								
Sb-125								
(Approx. 3 yrs) Te-129								
(Approx. 70 mins)								
Te-129m								
(Approx. 34 days)								
I-132								
(Approx. 2 hrs)								
Te-132								
(Approx. 78 hrs)								
I-133								
(Approx. 21 hrs)								
Cs-136								
(Approx. 13 days)								
Ba-140								
(Approx. 13 days)								
La-140								
(Approx. 40 hrs)				<u> </u>				

^{*} The radioactivity density is the sum of the volatile nuclides density and the particulate nuclides density.

Detection limits for Ventilation facility of Unit 2 reactor bldg. (Opening of exhaust gas filter) are as follows: (The value shown below is approxicimate)

For Volatile radioactive materials: I-131: OE-OBq/cm3, Cs-134: OE-OBq/cm3, and Cs-137 is OE-OBq/cm3 For Particle radioactive materials: I-131: OE-OBq/cm3

Detection limits for Ventilation facility of Unit 2 reactor bldg. (Outlet of exhaust gas filter) are as follows:

(The value shown below is approxicimate)

For Volatile radioactive materials: I-131: OE-OBq/cm3, Cs-134: OE-OBq/cm3, and Cs-137 is OE-OBq/cm3 For Particle radioactive materials: I-131: OE-OBq/cm3, Cs-134: OE-OBq/cm3, and Cs-137 is OE-OBq/cm3

^{*} O.OE-O is the same as O.O x 10 $^{-}$ O

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

^{* &}quot;ND" indicates that the measurement result is below the detection limit.

^{* &}quot;ND" indicates that the measurement result is below the detection limit.