<u>Definite Results of Nuclides Analysis at Fukushima Daiichi Nuclear Power Station (Announced on May 1 - 15, 2013)</u>

- < 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 nuclides.
 - 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	May															
Sampling Point	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	$\overline{}$
Nuclides Analysis Result of the Radioactive Materials in the Air at Fukushima Nuclear Power Stations	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	$\overline{}$
Nuclides Analysis Result of the Radioactive Materials in the Air at the Sea Side of Fukushima Nuclear Power Stations	1		-							-						$\overline{/}$
Nuclides Analysis Result of Radioactive Materials in the Seawater < Coast >	-	-	-	-	-	1		-	-	-	-	-	-	-	-	$\overline{/}$
Nuclides Analysis Result of the Radioactive Materials in the Seawater of the Port	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	$\overline{/}$
Nuclides Analysis Result of the Sub-drain of Fukushima Daiichi NPS		-		-			-		-		-			-		$\overline{/}$
Nuclides Analysis Result of the Sub-drain Water in the Surroundings of the Central Radioactive Waste Treatment Facility	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	$\overline{/}$
Nuclides Analysis Results of the Radioactive Materials in the Air at the Opening of Buildings at Fukushima Daiichi NPS										0					-	$\overline{/}$
Nuclide Analysis Results of Radioactive Materials in the Air above the Reactor Building at Fukushima Daiichi Power Station (Upper Part of Unit 1 Reactor Building)															-	$\overline{/}$
Nuclide Analysis Results of Radioactive Materials in the Air above the Reactor Building at Fukushima Daiichi Power Station (Upper Part of Unit 2 Reactor Building)															-	$\overline{/}$
Nuclide Analysis Results of Radioactive Materials in the Air above the Reactor Building at Fukushima Daiichi Power Station (Upper Part of Unit 3 Reactor Building)															-	$\overline{/}$

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

Place of Sampling	Shared Facili	xiliary Operation ty (Around the e Hatch)	Shared Facility (xiliary Operation In Fornt of South airs)	3rd Floor of Au Shared Facility (Sta	② Density Limit in the Air for Workers to Engage in Radiation Related		
Time of Sampling	· ·	2013 8:41 AM 2013 6:51 PM	-	2013 8:38 AM 2013 6:55 PM	From April 12, To April 13, 2			
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/cm³)*	
I-131 (Approx. 8 days)	ND	-	ND	-	ND	-	1E-03	
Cs-134 (Approx. 2 years)	5.3E-08	0.00	3.9E-08	0.00	ND	-	2E-03	
Cs-137 (Approx. 30 years)	1.1E-07	0.00	7.3E-08	0.00	1.1E-07	0.00	3E-03	
Mn-54 (Approx. 310 days)	ND	-	ND	-	ND	-	2E-02	
Co-60 (Approx. 5 years)	4.0E-07	0.00	ND	-	ND	-	1E-03	
Nb-95 (Approx. 35 days)	ND	-	ND	-	ND	-	2E-02	
Tc-99m (Approx. 6 hrs)	ND	-	ND	-	ND	-	7E-01	
Ru-106 (Approx. 370 days)	ND	-	ND	-	ND	-	6E-04	
Ag-110m (Approx. 250 days)	ND	-	ND	-	ND	-	3E-03	
Sb-125 (Approx. 3 yrs)	ND	-	ND	-	ND	-	6E-03	
Te-129 (Approx. 70 mins)	ND	-	ND	-	ND	-	4E-01	
Te-129m (Approx. 34 days)	ND	-	ND	-	ND	-	4E-03	
I-132 (Approx. 2 hrs)	ND	-	ND	-	ND	-	7E-02	
Te-132 (Approx. 78 hrs)	ND	-	ND	-	ND	-	4E-03	
I-133 (Approx. 21 hrs)	ND	-	ND	-	ND	-	5E-03	
Cs-136 (Approx. 13 days)	ND	-	ND	-	ND	-	1E-02	
Ba-140 (Approx. 13 days)	ND	-	ND	-	ND	-	1E-02	
La-140 (Approx. 40 hrs)	ND	-	ND	-	ND		1E-02	

^{*} 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. 3E-8Bq/cm³, Cs-134: Approx. 5E-8Bq/cm³, Cs-137: Approx. 7E-8Bq/cm³

Particulate: I-131: Approx. 2E-8Bq/cm³, Cs-134: 3E-8Bq/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.