

**Results of Nuclide Analysis on Radioactive Materials
 in the air at the site of Fukushima Daiichi Nuclear Power Station**

Reference

(Data summarized on July 26)

Place of Sampling	Fukushima Daiichi NPS In front of the environment administration office	Fukushima Daiichi NPS In front of Water Treatment Building	Fukushima Daiichi NPS In front of Switching Yard of Unit 5 and 6	Density limit by the announcement of Reactor Regulation (Bq/cm ³) (Density limit in the air to which radiation workers breathe in the section 4 of the appendix 2)			
Time and Date of Sample Collection	10:26 am to 1:26 pm ³ July 25, 2011	10:34 am to 1:34 pm ³ July 25, 2011	10:42 am to 1:42 pm ³ July 25, 2011				
Detected Nuclides (Half-life)	Density of Sample ¹ (Bq/cm ³)	Scaling Factor (/)	Density of Sample ¹ (Bq/cm ³)	Scaling Factor (/)	Density of Sample ¹ (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	2E-03
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	3E-03

1 The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.

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2 In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

3 It took more than an hour to conduct sampling, as we use dust samplers at the low flow rate (approx. 5 liters per minute).

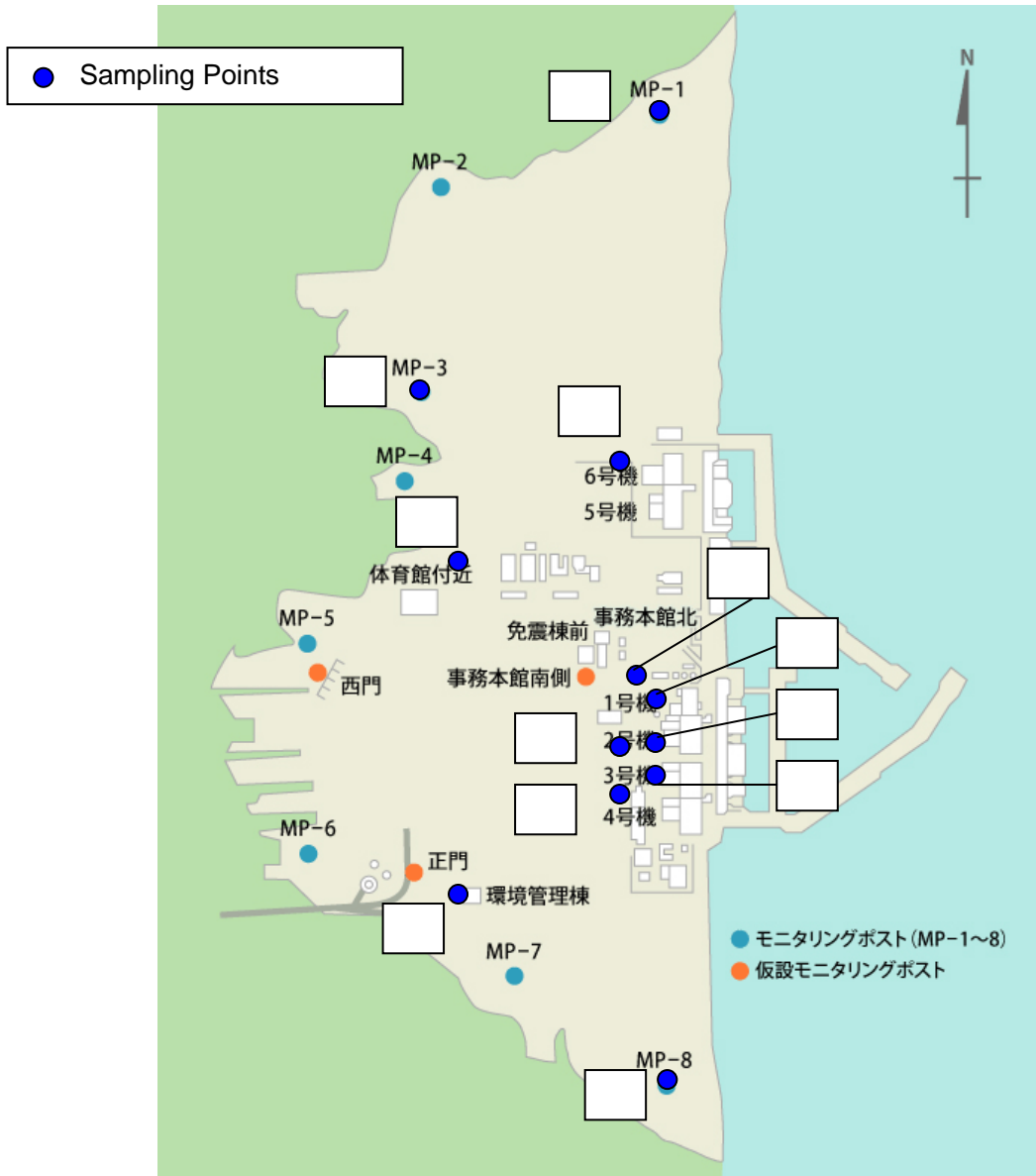
< Reference > The flow rate at the west gate where sampling was conducted everyday is at approximately 40 liters per minute.

4 In this analysis, "ND" means that the results fall below detection limits.

Detection limits of main three nuclides in particulate are approx. 4E-6Bq/cm³ (I-131), approx. 1E-5Bq/cm³ (Cs-134), and approx. 1E-5Bq/cm³ (Cs-137).

However, actual detection limits may differ among detectors and sample specifications, and therefore nuclides whose radioactive densities are below above-mentioned detection limits can be detected.

Locations where dust sampling was conducted



Number	Sampling Points	Number	Sampling Points
	Top of the slope at north side of Unit 1		In front of the environment administration office
	Top of the slope at the west side of Unit 1 and 2		In front of Water Treatment Building
	Top of the slope at the west side of Unit 3 and 4		In front of Switching Yard of Unit 5 and 6
	Mountain side of Unit 1		MP-1
	Mountain side of Unit 2		MP-3
	Mountain side of Unit 3		MP-8