

Detailed Analysis Results of Groundwater Obtained around Unit 1-4 Building at Fukushima Daiichi Nuclear Power Station

Unit: Bq/L

		Mountain side of the building															
		Unit 1					Unit 2			Unit 3			Unit 4				
		N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	N12	N13	N14	N15	
Date of sampling	2013					2014	2013		2014		2014		2014				
	Dec 3, 2013	Dec 18, 2013	Sep 1, 2013	Sep 1, 2013	Mar 4, 2014	Dec 2, 2013	Jan 23, 2014	Jan 14, 2014	Mar 26, 2014					May 15, 2014	May 15, 2014		
Time of sampling	11:00 AM	9:30 AM	11:00 AM	11:20 AM	1:40 PM	11:00 AM	10:00 AM	10:30 AM	2:00 PM					10:00 AM	10:00 AM		
Cs-134 (Approx. 2 years)	ND(0.97)	ND(0.66)	3.0	4.8	5.2	ND(0.75)	1.1	1.3	4.0					0.92	—		
Cs-137 (Approx.30 years)	ND(0.97)	ND(0.71)	7.2	12	5.7	ND(0.98)	2.2	2.7	11					2.6	—		
The other γ	Sb-125 (Approx. 3 years)	ND	ND	ND	32	ND	ND	ND	ND					ND	—		
	Gross β	ND(12)	ND(11)	ND(21)	62	ND(14)	ND(15)	ND(13)	ND(11)	23				ND(11)	—		
H-3 (Approx. 12 years)	36	110	320	320	490	160	18	55	1100					11,000	8,900*		
Sr-90 (Approx. 29 years)	ND(0.47)	ND(0.48)	ND(0.34)	11	Under analysis	ND(0.45)	ND(0.44)	ND(0.43)	Under analysis					Under analysis	—		

* Data announced this time is provided in thick frames. The other data was announced on September 9, December 4, 5, 24, January 16, 27, February 25, March 6, and 28.

* "ND" indicates that the measurement result is below the detection limit, and the detection limit of each nuclide is provided in parentheses except for the case of the other γ data.

* As a result of reanalysis, the result of tritium obtained in the sub-drain N14 was equivalent to that of obtained on May 17, so we judged that there was no contamination of radioactive material (the result of reanalysis is for a reference). However, we will resample water since these results were higher than that of obtained in the other sub-drains and the result of gross β was below the detection limit.

