

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	
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	
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					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*	
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.

* The result of tritium obtained in the sub-drain N14 was higher than that of obtained in the other sub-drains, but the result of gross β was below the detection limit. Therefore, we will reanalyze the result considering the possibility that some radioactive materials were mixed in the sample.

