

Underground Reservoir Nuclide Analysis Results (Additional Results of April 27, 2013)

		Underground Reservoir (Drain hole water)																	
		i				ii		iii		iv		v		vi		vii			
		Northeast side	Southwest side			Northeast side	Southwest side	Northeast side	Southwest side	Northeast side	Southwest side	Northeast side	Southwest side	Northeast side	Southwest side	Northeast side	Southwest side		
Sampled time		5:30 AM	Apr 26 12:05 PM	5:30 AM	12:05 PM	5:35 AM	5:35 AM	5:40 AM	5:40 AM	5:45 AM	5:45 AM	5:50 AM	5:50 AM	5:55 AM	5:55 AM	6:00 AM	6:00 AM		
Chloride concentration (ppm)		17	6	6	6	9	7	7	4	10	8	8	7	10	7	5	10		
Radioactive concentration (Bq/cm ³)	I-131	<3.0E-2	-	<2.6E-2	-	<3.0E-2	<2.1E-2	<2.7E-2	<2.0E-2	<3.0E-2	<2.8E-2	<2.7E-2	<2.8E-2	<2.7E-2	<2.8E-2	<2.8E-2	<3.0E-2		
	Cs-134	<5.3E-2		<5.3E-2		<5.0E-2	<5.1E-2	<5.0E-2	<5.2E-2	<5.0E-2	<5.0E-2	<5.2E-2	<5.0E-2	<5.0E-2	<5.2E-2	<5.2E-2	<5.5E-2	<5.2E-2	
	Cs-137	<6.9E-2		<6.8E-2		<6.7E-2	<6.8E-2	<6.8E-2	<6.6E-2	<6.7E-2	<6.6E-2	<6.8E-2	<6.6E-2	<6.8E-2	<6.6E-2	<6.8E-2	<6.6E-2	<6.8E-2	<7.0E-2
	γ nuclides other than the major 3 nuclides	ND		ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
All β		5.8E+1	4.1E-2	1.1E+0	1.1E+0	1.0E+1	1.7E-1	7.6E-2	2.8E-1	7.1E-2	7.1E-2	4.6E-1	7.8E-2	<2.8E-2	3.2E-2	<2.8E-2	4.8E-2		

Half-life period I-131: Approx. 8 days, Cs-134: Approx. 2 years, Cs-137: Approx. 30 years

		Underground Reservoir (Leakage detector hole water)													
		i		ii		iii		iv		v		vi		vii	
		Northeast side	Southwest side	Northeast side	Southwest side	Northeast side	Southwest side	Northeast side	Southwest side	Northeast side	Southwest side	Northeast side	Southwest side	Northeast side	Southwest side
Sampled time		8:30 AM	8:25 AM	8:40 AM	8:35 AM	8:55 AM	8:45 AM	9:10 AM	Not sampled	/	/	9:25 AM	Not sampled	/	/
Chloride concentration (ppm)		1200	7	18	11	10	18	9	/	/	7	/	/	/	/
Radioactive concentration (Bq/cm ³)	I-131	<2.0E-1	<2.6E-2	<3.8E-2	<2.6E-2	<2.9E-2	<2.8E-2	<3.4E-2	/	/	<3.1E-2	/	/	/	/
	Cs-134	<2.5E-1	<5.0E-2	<5.1E-2	<4.8E-2	<5.0E-2	<5.1E-2	<5.1E-2	/	/	<5.1E-2	/	/	/	/
	Cs-137	<1.4E-1	<6.8E-2	<6.8E-2	<6.7E-2	<6.8E-2	<6.8E-2	<7.0E-2	/	/	<6.6E-2	/	/	/	/
	γ nuclides other than the major 3 nuclides	2.8E+1*	ND	ND	ND	ND	ND	ND	/	/	ND	/	/	/	/
All β		3.4E+4	1.4E-1	3.2E+2	6.4E-1	8.7E-2	1.3E+2	2.1E-1	/	/	9.1E-2	/	/	/	/

Half-life period I-131: Approx. 8 days, Cs-134: Approx. 2 years, Cs-137: Approx. 30 years

* Sb-125: 2.6E+1, Ru-106: 1.6E+0

(Note 1) 0.OE±0 is the same as 0.O x 10^{±0}.

(Note 2) The figures written next to "<" indicate the detection limit when the measurement result is below the detection limit.

(Note 3) "ND" indicates that the measurement result of γ nuclides other than the major 3 nuclides are below the detection limit.