<Reference>
June 5, 2013
Tokyo Electric Power Company

Underground Reservoir Nuclide Analysis Results (As of June 4, 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		8:32 AM	8:36 AM	8:26 AM	8:31 AM	8:20 AM	8:25 AM	8:25 AM	8:37 AM	8:31 AM	8:24 AM	8:52 AM	8:38 AM	8:59 AM	9:05 AM
Chloride concentration (ppm)		12	7	10	7	8	5	11	9	9	8	10	10	6	8
Radioactive concentration (Bq/cm^3)	I-131	<2.3E-2	<3.2E-2	<2.4E-2	<2.3E-2	<2.6E-2	<2.9E-2	<2.4E-2	<2.8E-2	<2.2E-2	<2.9E-2	<2.6E-2	<3.2E-2	<2.8E-2	<2.1E-2
	Cs-134	<5.0E-2	<5.1E-2	<5.0E-2	<4.8E-2	<5.2E-2	<5.2E-2	<5.1E-2	<5.3E-2	<4.6E-2	<5.2E-2	<4.8E-2	<5.3E-2	<4.8E-2	<4.6E-2
	Cs-137	<6.6E-2	<6.7E-2	<6.5E-2	<6.5E-2	<6.4E-2	<6.6E-2	<6.4E-2	<6.6E-2	<6.6E-2	<6.6E-2	<6.3E-2	<6.9E-2	<6.5E-2	<6.5E-2
	γ nuclides other than the major 3 nuclides	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	All β	5.6E+0	<3.2E-2	3.7E-1	<3.2E-2	3.2E-2	<3.2E-2	<3.2E-2	<3.2E-2	<3.2E-2	7.8E-2	<3.2E-2	<3.2E-2	<3.2E-2	<3.2E-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		8:04 AM	8:08 AM	8:10 AM	8:15 AM	8:15 AM	8:20 AM	8:17 AM	Not sampled			8:45 AM	Not sampled		
Chloride concentration (ppm)		19	7	11	11	9	9	10				5			
Radioactive concentration (Bq/cm^3)	I-131	<3.4E-2	<2.8E-2	<2.6E-2	<2.9E-2	<2.5E-2	<2.6E-2	<2.5E-2				<2.2E-2			
	Cs-134	<6.5E-2	<5.0E-2	<4.7E-2	<5.1E-2	<4.4E-2	<5.2E-2	<4.9E-2				<5.0E-2			
	Cs-137	<6.8E-2	<6.7E-2	<6.3E-2	<6.6E-2	<6.9E-2	<6.8E-2	<6.5E-2				<6.6E-2			
	γ nuclides other than the major 3 nuclides	2.2E-1*	ND	ND	ND	ND	ND	ND				ND			
	All β	4.1E+2	<3.2E-2	1.3E+1	3.5E-2	<3.2E-2	3.8E+0	<3.2E-2				<3.2E-2			

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

* Sb-125: 2.2E-1

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

(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.

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Underground Reservoir Observation Holes Nuclide Analysis Results (As of June 4, 2013)

	Underground reservoir observation holes (i - iii)													
	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14
Sampled time	8:57 AM	9:10 AM	9:21 AM	8:52 AM	9:03 AM	9:13 AM	9:25 AM	9:34 AM	9:44 AM	9:54 AM	10:04 AM	9:09 AM	9:18 AM	9:27 AM
Chloride concentration (ppm)	10	12	11	8	8	7	8	9	9	9	35	9	9	11
All β(Bq/cm^3)	<3.2E-2	<3.2E-2	<3.2E-2	<3.2E-2	<3.2E-2	<3.2E-2	<3.2E-2	<3.2E-2	<3.2E-2	<3.2E-2	<3.2E-2	<3.2E-2	<3.2E-2	<3.2E-2

	Underground reservoir observation holes (i - iii)					Underground reservoir observation holes (vi)		
	A15	A16	A17	A18	A19	B1	B2	B3
Sampled time	9:38 AM	9:49 AM	10:00 AM	8:49 AM	8:59 AM	9:41 AM	9:52 AM	10:07 AM
Chloride concentration (ppm)	9	13	8	10	10	27	7	10
All β(Bq/cm^3)	<3.2E-2	<3.2E-2	<3.2E-2	<3.2E-2	<3.2E-2	<3.2E-2	<3.2E-2	<3.2E-2

(Note 1) O.OE±O is the same as O.O x $10^{\pm O}$.
(Note 2) The figures written next to "<" indicate the detection limit when the measurement result is below the detection limit.

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Nuclide Analysis Results of the Underground Bypass (Investigation Holes/Pumping Well) and the Sea Side Observation Holes
(As of June 4, 2013)

	Underground bypass investigation holes			Underground bypass pumping well				Sea side observation holes							
	a	b	c	1	2	3	4	①	②	③	④	⑤	⑥	⑦	⑧
Sampled time	Not sampled	9:07 AM	9:43 AM	12:40 PM	12:40 PM	12:40 PM	12:40 PM	8:54 AM	9:51 AM	9:07 AM	9:56 AM				
Chloride concentration (ppm)		9	12	23	47	85	11	10	8	12	10				
Tritium (Bq/cm^3)		Under analysis	Under analysis	Under analysis	Under analysis	Under analysis	Under analysis	Under analysis	Under analysis	Under analysis	Under analysis				
All β(Bq/cm^3)		<3.2E-2	<3.2E-2	<3.2E-2	<3.2E-2	<3.2E-2	<3.2E-2	<3.2E-2	<3.2E-2	<3.2E-2	<3.2E-2				

Half-life period Tritium: Approx. 12 years

(Note 1) O.OE±O is the same as O.O x $10^{\pm O}$.
(Note 2) The figures written next to "<" indicate the detection limit when the measurement result is below the detection limit.