

# Underground Reservoir Nuclide Analysis Results

<Reference>  
April 25, 2014  
Tokyo Electric Power Company

**(Analysis results of tritium, gross  $\alpha$ , and Sr-90 obtained before and during transfer at the underground reservoir i to iii on April 12 and 17, 2013)**

	Underground Reservoir (Drain hole water)						Underground Reservoir (Leakage detector hole water)					
	i		ii		iii		i		ii		iii	
	Northeast side	Southwest side	Northeast side	Southwest side	Northeast side	Southwest side	Northeast side	Southwest side	Northeast side	Southwest side	Northeast side	Southwest side
Date of sampling	Apr 17, 2013						Apr 12, 2013					
Time of sampling	13:00	13:00	13:10	13:10	13:20	13:20	9:00	9:20	10:40	9:40	10:30	10:05
Tritium (Bq/cm <sup>3</sup> )	2.4E+0	<2.7E-1	1.1E+0	<2.7E-1	<2.7E-1	<2.7E-1	9.7E+2	<2.2E-1	2.2E+2	<2.2E-1	<2.6E-1	1.2E+2
Gross $\alpha$ (Bq/cm <sup>3</sup> )	<1.0E-2	<1.0E-2	<1.0E-2	<1.0E-2	<1.0E-2	<1.0E-2	<1.1E-2	<1.1E-2	<1.1E-2	<1.1E-2	<1.0E-2	<1.0E-2
Sr-90 (Bq/cm <sup>3</sup> )	1.6E+1	8.6E-3	1.9E+1	9.5E-2	5.2E-2	8.1E-2	3.7E+4	7.5E-2	6.3E+3	1.7E+0	1.7E-2	1.6E+3

**(Analysis results of tritium, gross  $\alpha$ , and Sr-90 obtained after transfer at the underground reservoir i to iii on May 15 and June 12, 2013)**

	Underground Reservoir (Drain hole water)						Underground Reservoir (Leakage detector hole water)					
	i		ii		iii		i		ii		iii	
	Northeast side	Southwest side	Northeast side	Southwest side	Northeast side	Southwest side	Northeast side	Southwest side	Northeast side	Southwest side	Northeast side	Southwest side
Date of sampling	May 15, 2013				Jun 12, 2013		May 15, 2013				Jun 12, 2013	
Time of sampling	10:15	10:31	9:56	10:15	8:40	8:39	8:46	8:57	9:04	9:27	8:29	8:27
Tritium (Bq/cm <sup>3</sup> )	<2.4E-1	<2.4E-1	<2.4E-1	<2.4E-1	<2.3E-1	<2.3E-1	5.8E+1	<2.1E-1	1.0E+0	<2.1E-1	<2.2E-1	<2.2E-1
Gross $\alpha$ (Bq/cm <sup>3</sup> )	<1.0E-2	<1.0E-2	<1.0E-2	<1.0E-2	<1.0E-2	<1.0E-2	<1.1E-2	<1.1E-2	<1.1E-2	<1.1E-2	<1.0E-2	<1.0E-2
Sr-90 (Bq/cm <sup>3</sup> )	1.3E+1	9.4E-3	6.6E-1	7.0E-3	4.6E-2	4.9E-2	1.8E+3	7.7E-3	4.2E+1	7.5E-2	3.4E-2	3.1E+1

<Half-life period> Tritium: Approx. 12 years, Sr-90: Approx. 29 years

\* Data announced this time is provided in a thick-frame. The other data was announced in May 23 and June 20, 2013.