<u>Underground Reservoir Nuclide Analysis Results</u>

Tokyo Electric Power Company

[Sampled place] Underground Reservoir i Drain hole water, northeast side

[Sampled date and time] At 11:20 AM on April 10 (Wed), 2013

[Analysis results]

Chloride	
Chloride concentration	1 On n no
	12ppm
concentration	l' l'
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Nuclide	Radioactive concentration (Bq/cm³)	Detection limit (Bq/cm ³)	Half-life period
I-131	N.D	2.8 × 10 ⁻²	Approx. 8 days
Cs-134	N.D	5.1 × 10 ⁻²	Approx. 2 years
Cs-137	N.D	7.2 × 10 ⁻²	Approx. 30 years
All	9.9 × 10 ⁻²	3.0×10^{-2}	-

All radioactive concentration: N.D

[Sampled place] Underground Reservoir i Drain hole water, southwest side

[Sampled date and time] At 11:20 AM on April 10 (Wed), 2013

[Analysis results]

Chloride	Gnam
concentration	6ppm

Nuclide	Radioactive concentration (Bq/cm³)	Detection limit (Bq/cm³)	Half-life period
I-131	N.D	2.8 × 10 ⁻²	Approx. 8 days
Cs-134	N.D	5.2×10^{-2}	Approx. 2 years
Cs-137	N.D	6.8×10^{-2}	Approx. 30 years
All	5.2 × 10 ⁻²	3.0 × 10 ⁻²	-

[Sampled place] Underground Reservoir ii Drain hole water, northeast side [Sampled date and time] At 7:40 AM on April 10 (Wed), 2013 [Analysis results]

Chloride	<i></i>
	14ppm
concentration	' '

Nuclide	Radioactive concentration (Bq/cm³)	Detection limit (Bq/cm³)	Half-life period
I-131	N.D	3.2 × 10 ⁻²	Approx. 8 days
Cs-134	N.D	5.1 × 10 ⁻²	Approx. 2 years
Cs-137	N.D	7.0 × 10 ⁻²	Approx. 30 years
All	5.5 × 10 ¹	3.2 × 10 ⁻²	-

All radioactive concentration: N.D

[Sampled place] Underground Reservoir ii Drain hole water, southwest side [Sampled date and time] At 7:50 AM on April 10 (Wed), 2013 [Analysis results]

Chloride	
Chionae	–
	/ppm
concentration	/ PP'''
CONCENTIATION	

Nuclide	Radioactive concentration (Bq/cm³)	Detection limit (Bq/cm ³)	Half-life period
I-131	N.D	2.1 × 10 ⁻²	Approx. 8 days
Cs-134	N.D	5.2 x 10 ⁻²	Approx. 2 years
Cs-137	N.D	6.7 × 10 ⁻²	Approx. 30 years
All	1.1 × 10 ⁻¹	3.2 × 10 ⁻²	-

[Sampled place] Underground Reservoir iii Drain hole water, northeast side [Sampled date and time] At 7:30 AM on April 10 (Wed), 2013 [Analysis results]

Chloride	
Official	6ppm
concentration	Ορριιι
ooriooritiation	

Nuclide	Radioactive concentration (Bq/cm³)	Detection limit (Bq/cm³)	Half-life period
I-131	N.D	2.9 × 10 ⁻²	Approx. 8 days
Cs-134	N.D	5.0 x 10 ⁻²	Approx. 2 years
Cs-137	N.D	6.9 x 10 ⁻²	Approx. 30 years
All	N.D	3.2 × 10 ⁻²	-

All radioactive concentration: N.D

[Sampled place] Underground Reservoir iii Drain hole water, southwest side [Sampled date and time] At 7:10 AM on April 10 (Wed), 2013 [Analysis results]

Chloride	
Chionae	A
_	4ppm
concentration	
CONCENTIATION	

Nuclide	Radioactive concentration (Bq/cm³)	Detection limit (Bq/cm ³)	Half-life period
I-131	N.D	2.2×10^{-2}	Approx. 8 days
Cs-134	N.D	4.8 × 10 ⁻²	Approx. 2 years
Cs-137	N.D	6.7 × 10 ⁻²	Approx. 30 years
All	N.D	3.2×10^{-2}	-

[Sampled place] Underground Reservoir iv Drain hole water, northeast side [Sampled date and time] At 7:20 AM on April 10 (Wed), 2013 [Analysis results]

• concentration	Chloride	9ppm
	concentration	- 1- 1-

Nuclide	Radioactive concentration (Bq/cm³)	Detection limit (Bq/cm³)	Half-life period
I-131	N.D	2.8 × 10 ⁻²	Approx. 8 days
Cs-134	N.D	5.2 x 10 ⁻²	Approx. 2 years
Cs-137	N.D	6.9 x 10 ⁻²	Approx. 30 years
All	N.D	3.0×10^{-2}	-

All radioactive concentration: N.D

[Sampled place] Underground Reservoir iv Drain hole water, southwest side [Sampled date and time] At 7:05 AM on April 10 (Wed), 2013 [Analysis results]

Chloride	8nnm
concentration	8ppm

Nuclide	Radioactive concentration (Bq/cm³)	Detection limit (Bq/cm³)	Half-life period
I-131	N.D	2.5 x 10 ⁻²	Approx. 8 days
Cs-134	N.D	5.1 x 10 ⁻²	Approx. 2 years
Cs-137	N.D	6.5 × 10 ⁻²	Approx. 30 years
All	N.D	3.0 × 10 ⁻²	-

[Sampled place] Underground Reservoir v Drain hole water, northeast side [Sampled date and time] At 6:10 AM on April 10 (Wed), 2013 [Analysis results]

Chloride concentration	5ppm
Concentration	

Nuclide	Radioactive concentration (Bq/cm³)	Detection limit (Bq/cm³)	Half-life period
I-131	N.D	2.6 × 10 ⁻²	Approx. 8 days
Cs-134	N.D	5.2 x 10 ⁻²	Approx. 2 years
Cs-137	N.D	6.9 x 10 ⁻²	Approx. 30 years
All	1.6 × 10 ⁻¹	3.0 × 10 ⁻²	-

All radioactive concentration: N.D

[Sampled place] Underground Reservoir v Drain hole water, southwest side [Sampled date and time] At 6:20 AM on April 10 (Wed), 2013 [Analysis results]

Chloride	Znnm
concentration	/ppm

Nuclide	Radioactive concentration (Bq/cm³)	Detection limit (Bq/cm ³)	Half-life period
I-131	N.D	2.5×10^{-2}	Approx. 8 days
Cs-134	N.D	4.9 × 10 ⁻²	Approx. 2 years
Cs-137	N.D	6.6 × 10 ⁻²	Approx. 30 years
All	N.D	3.0×10^{-2}	-

[Sampled place] Underground Reservoir vi Drain hole water, northeast side [Sampled date and time] At 6:50 AM on April 10 (Wed), 2013 [Analysis results]

Chloride	
Cilionae	11nnm
concentration	11ppm
Concentration	

Nuclide	Radioactive concentration (Bq/cm³)	Detection limit (Bq/cm³)	Half-life period
I-131	N.D	2.8 × 10 ⁻²	Approx. 8 days
Cs-134	N.D	5.5 x 10 ⁻²	Approx. 2 years
Cs-137	N.D	7.0 × 10 ⁻²	Approx. 30 years
All	N.D	3.2 × 10 ⁻²	-

All radioactive concentration: N.D

[Sampled place] Underground Reservoir vi Drain hole water, southwest side [Sampled date and time] At 7:00 AM on April 10 (Wed), 2013 [Analysis results]

Chloride	
Official	6ppm
concentration	υρριτί
CONCENTIATION	

Nuclide	Radioactive concentration (Bq/cm ³)	Detection limit (Bq/cm ³)	Half-life period
I-131	N.D	2.3×10^{-2}	Approx. 8 days
Cs-134	N.D	5.2 × 10 ⁻²	Approx. 2 years
Cs-137	N.D	6.8×10^{-2}	Approx. 30 years
All	4.5 × 10 ⁻²	3.2 × 10 ⁻²	-

[Sampled place] Underground Reservoir vii Drain hole water, northeast side [Sampled date and time] At 6:00 AM on April 10 (Wed), 2013 [Analysis results]

Chloride	
Official	6ppm
concentration	ορριτί
Concentration	

Nuclide	Radioactive concentration (Bq/cm³)	Detection limit (Bq/cm³)	Half-life period
I-131	N.D	2.6 × 10 ⁻²	Approx. 8 days
Cs-134	N.D	5.4 x 10 ⁻²	Approx. 2 years
Cs-137	N.D	6.8 x 10 ⁻²	Approx. 30 years
All	N.D	3.2 × 10 ⁻²	-

All radioactive concentration: N.D

[Sampled place] Underground Reservoir vii Drain hole water, southwest side [Sampled date and time] At 5:50 AM on April 10 (Wed), 2013 [Analysis results]

4.0
10ppm
1 1

Nuclide	Radioactive concentration (Bq/cm³)	Detection limit (Bq/cm ³)	Half-life period
I-131	N.D	3.5×10^{-2}	Approx. 8 days
Cs-134	N.D	5.3 × 10 ⁻²	Approx. 2 years
Cs-137	N.D	6.9×10^{-2}	Approx. 30 years
All	4.5 × 10 ⁻²	3.2 × 10 ⁻²	-

[Sampled place] Underground Reservoir i Leakage detector hole water, northeast side [Sampled date and time] At 7:40 AM on April 10 (Wed), 2013 [Analysis results]

Chloride	1100ppm
concentration	1100ppiii

Nuclide	Radioactive concentration (Bq/cm³)	Detection limit (Bq/cm³)	Half-life period
I-131	N.D	1.9 × 10 ⁻¹	Approx. 8 days
Cs-134	N.D	2.5 × 10 ⁻¹	Approx. 2 years
Cs-137	N.D	1.4 × 10 ⁻¹	Approx. 30 years
All	2.3 × 10 ⁴	3.2×10^{0}	-

All radioactive concentration: $2.8 \times 10^{1} (Bq/cm^{3})$

(Breakdown) Sb-125: 2.7×10^{1} (Bq/cm³), Ru-106: 1.3×10^{0} (Bq/cm³)

[Sampled place] Underground Reservoir i Leakage detector hole water, southwest side

[Sampled date and time] At 8:25 AM on April 10 (Wed), 2013

[Analysis results]

Chloride	
Chloride concentration	8ppm
concentration	оррін
concentration	

Nuclide	Radioactive concentration (Bq/cm³)	Detection limit (Bq/cm³)	Half-life period
I-131	N.D	3.0 x 10 ⁻²	Approx. 8 days
Cs-134	N.D	5.3 × 10 ⁻²	Approx. 2 years
Cs-137	N.D	6.6 × 10 ⁻²	Approx. 30 years
All	N.D	3.2 × 10 ⁻²	-

[Sampled place] Underground Reservoir ii Leakage detector hole water, northeast side [Sampled date and time] At 9:15 AM on April 10 (Wed), 2013 [Analysis results]

Chloride concentration	300ppm
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Nuclide	Radioactive concentration (Bq/cm³)	Detection limit (Bq/cm³)	Half-life period
I-131	N.D	1.1 × 10 ⁻¹	Approx. 8 days
Cs-134	N.D	8.5 x 10 ⁻²	Approx. 2 years
Cs-137	1.1 × 10 ⁻¹	9.7 × 10 ⁻²	Approx. 30 years
All	5.4 × 10 ³	3.2×10^{0}	-

All radioactive concentration: $1.1 \times 10^{-1} (Bq/cm^3)$

[Sampled place] Underground Reservoir ii Leakage detector hole water, southwest side [Sampled date and time] At 9:00 AM on April 10 (Wed), 2013 [Analysis results]

Ola la mi al a	
Chloride	
Official	11nnm
	11ppm
concentration	l r r
Concentiation	

Nuclide	Radioactive concentration (Bq/cm³)	Detection limit (Bq/cm ³)	Half-life period
I-131	N.D	3.1×10^{-2}	Approx. 8 days
Cs-134	N.D	5.6×10^{-2}	Approx. 2 years
Cs-137	N.D	6.8×10^{-2}	Approx. 30 years
All	1.3 × 10 ⁰	3.2×10^{-2}	-

[Sampled place] Underground Reservoir iii Leakage detector hole water, northeast side [Sampled date and time] At 9:25 AM on April 10 (Wed), 2013 [Analysis results]

Chloride	2ppm
concentration	Ζρριτί

Nuclide	Radioactive concentration (Bq/cm³)	Detection limit (Bq/cm³)	Half-life period
I-131	N.D	2.2 × 10 ⁻²	Approx. 8 days
Cs-134	N.D	5.0 × 10 ⁻²	Approx. 2 years
Cs-137	N.D	6.9 x 10 ⁻²	Approx. 30 years
All	N.D	3.2 × 10 ⁻²	-

All radioactive concentration: N.D

[Sampled place] Underground Reservoir iii Leakage detector hole water, southwest side [Sampled date and time] At 9:47 AM on April 10 (Wed), 2013 [Analysis results]

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Chloride	
Chiloride	200nnm
	280ppm
concentration	' '

Nuclide	Radioactive concentration (Bq/cm³)	Detection limit (Bq/cm³)	Half-life period
I-131	N.D	6.0 x 10 ⁻²	Approx. 8 days
Cs-134	N.D	6.5 x 10 ⁻²	Approx. 2 years
Cs-137	N.D	7.3 × 10 ⁻²	Approx. 30 years
All	1.2×10^3	3.2×10^{0}	-

[Sampled place] Underground Reservoir iv Leakage detector hole water, northeast side [Sampled date and time] At 10:00 AM on April 10 (Wed), 2013 [Analysis results]

Chloride	
Cilionae	11nnm
concentration	11ppm
Concentration	

Nuclide	Radioactive concentration (Bq/cm³)	Detection limit (Bq/cm³)	Half-life period
I-131	N.D	3.1 × 10 ⁻²	Approx. 8 days
Cs-134	N.D	5.3 x 10 ⁻²	Approx. 2 years
Cs-137	N.D	6.9 x 10 ⁻²	Approx. 30 years
All	N.D	3.2 × 10 ⁻²	-

All radioactive concentration: N.D.

[Sampled place] Underground Reservoir iv Leakage detector hole water, southwest side [Analysis results]

^{*}Sampling was not performed since the amount of the water necessary for sampling could not be obtained.

[Sampled place] Underground Reservoir vi Leakage detector hole water, northeast side [Sampled date and time] At 10:30 AM on April 10 (Wed), 2013 [Analysis results]

Chloride	
Official	7ppm
concentration	Ι ΙΡΡΙΙΙ
CONCENTIATION	

Nuclide	Radioactive concentration (Bq/cm³)	Detection limit (Bq/cm³)	Half-life period
I-131	N.D	2.7 × 10 ⁻²	Approx. 8 days
Cs-134	N.D	4.9 × 10 ⁻²	Approx. 2 years
Cs-137	N.D	6.6 × 10 ⁻²	Approx. 30 years
All	N.D	3.2 × 10 ⁻²	-

All radioactive concentration: N.D.

[Sampled place] Underground Reservoir vi Leakage detector hole water, southwest side [Analysis results]

^{*}Sampling was not performed since the amount of the water necessary for sampling could not be obtained.