

Underground Reservoir Nuclide Analysis Results

<Reference>

April 9, 2013

Tokyo Electric Power Company

[Sampling location] Underground Reservoir i Drain hole water, northeast side

[Sampling date and time] At 6:30 AM on April 9 (Tue), 2013

[Analysis results]

Chloride concentration	12ppm
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Nuclide	Radioactive concentration (Bq/cm ³)	Detection limit (Bq/cm ³)	Half-life period
I-131	N.D	2.9×10^{-2}	Approx. 8 days
Cs-134	N.D	5.0×10^{-2}	Approx. 2 years
Cs-137	N.D	6.9×10^{-2}	Approx. 30 years
All	Under analysis	Under analysis	-

All radioactive concentration: N.D

[Sampling location] Underground Reservoir i Drain hole water, southwest side

[Sampling date and time] At 6:30 AM on April 9 (Tue), 2013

[Analysis results]

Chloride concentration	7ppm
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Nuclide	Radioactive concentration (Bq/cm ³)	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	6.8×10^{-2}	Approx. 30 years
All	Under analysis	Under analysis	-

All radioactive concentration: N.D

[Sampling location] Underground Reservoir vi Drain hole water, northeast side

[Sampling date and time] At 6:30 AM on April 9 (Tue), 2013

[Analysis results]

Chloride concentration	9ppm
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Nuclide	Radioactive concentration (Bq/cm ³)	Detection limit (Bq/cm ³)	Half-life period
I-131	Under analysis	Under analysis	Approx. 8 days
Cs-134	Under analysis	Under analysis	Approx. 2 years
Cs-137	Under analysis	Under analysis	Approx. 30 years
All	Under analysis	Under analysis	-

All radioactive concentration: Under analysis

[Sampling location] Underground Reservoir vi Drain hole water, southwest side

[Sampling date and time] At 6:30 AM on April 9 (Tue), 2013

[Analysis results]

Chloride concentration	5ppm
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Nuclide	Radioactive concentration (Bq/cm ³)	Detection limit (Bq/cm ³)	Half-life period
I-131	Under analysis	Under analysis	Approx. 8 days
Cs-134	Under analysis	Under analysis	Approx. 2 years
Cs-137	Under analysis	Under analysis	Approx. 30 years
All	Under analysis	Under analysis	-

All radioactive concentration: Under analysis

[Sampling location] Underground Reservoir i Leakage detector hole water, northeast side
 [Sampling date and time] At 8:35 AM on April 9 (Tue), 2013
 [Analysis results]

Chloride concentration	910ppm
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Nuclide	Radioactive concentration (Bq/cm ³)	Detection limit (Bq/cm ³)	Half-life period
I-131	N.D	1.3×10^{-1}	Approx. 8 days
Cs-134	N.D	1.8×10^{-1}	Approx. 2 years
Cs-137	N.D	9.7×10^{-2}	Approx. 30 years
All	1.0×10^4	3.1×10^0	-

All radioactive concentration: 1.9×10^{-1} (Bq/cm³)
 (Breakdown) Sb-125: 1.8×10^1 (Bq/cm³), Ru-106: 1.2×10^0 (Bq/cm³)

[Sampling location] Underground Reservoir i Leakage detector hole water, southwest side
 [Sampling date and time] At 8:30 AM on April 9 (Tue), 2013
 [Analysis results]

Chloride concentration	8ppm
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Nuclide	Radioactive concentration (Bq/cm ³)	Detection limit (Bq/cm ³)	Half-life period
I-131	N.D	2.8×10^{-2}	Approx. 8 days
Cs-134	N.D	5.0×10^{-2}	Approx. 2 years
Cs-137	N.D	6.9×10^{-2}	Approx. 30 years
All	Under analysis	Under analysis	-

All radioactive concentration: N.D

[Sampling location] Underground Reservoir i Leakage detector hole water, northeast side
 [Sampling date and time] At 1:40 PM on April 9 (Tue), 2013
 [Analysis results]

Chloride concentration	1100ppm
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Nuclide	Radioactive concentration (Bq/cm ³)	Detection limit (Bq/cm ³)	Half-life period
I-131	Under analysis	Under analysis	Approx. 8 days
Cs-134	Under analysis	Under analysis	Approx. 2 years
Cs-137	Under analysis	Under analysis	Approx. 30 years
All	Under analysis	Under analysis	-

All radioactive concentration: Under analysis

[Sampling location] Underground Reservoir i Leakage detector hole water, southwest side
 [Sampling date and time] At 1:20 PM on April 9 (Tue), 2013
 [Analysis results]

Chloride concentration	9ppm
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Nuclide	Radioactive concentration (Bq/cm ³)	Detection limit (Bq/cm ³)	Half-life period
I-131	Under analysis	Under analysis	Approx. 8 days
Cs-134	Under analysis	Under analysis	Approx. 2 years
Cs-137	Under analysis	Under analysis	Approx. 30 years
All	Under analysis	Under analysis	-

All radioactive concentration: Under analysis

[Sampling location] Underground Reservoir vi Leakage detector hole water, northeast side

[Sampling date and time] At 9:15 AM on April 9 (Tue), 2013

[Analysis results]

Chloride concentration	9ppm
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Nuclide	Radioactive concentration (Bq/cm ³)	Detection limit (Bq/cm ³)	Half-life period
I-131	Under analysis	Under analysis	Approx. 8 days
Cs-134	Under analysis	Under analysis	Approx. 2 years
Cs-137	Under analysis	Under analysis	Approx. 30 years
All	Under analysis	Under analysis	-

All radioactive concentration: Under analysis

[Sampling location] 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.

< Reference > Underground reservoir sampling plan

