

Underground Reservoir Nuclide Analysis Results

<Reference>

April 8, 2013

Tokyo Electric Power Company

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

[Sampled date and time] At 10:00 AM on April 7 (Sun), 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	2.4×10^{-2}	Approx. 8 days
Cs-134	N.D	5.2×10^{-2}	Approx. 2 years
Cs-137	N.D	6.6×10^{-2}	Approx. 30 years
All	4.9×10^{-2}	3.2×10^{-2}	-

All radioactive concentration: N.D

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

[Sampled date and time] At 10:00 AM on April 7 (Sun), 2013

[Analysis results]

Chloride concentration	6ppm
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Nuclide	Radioactive concentration (Bq/cm ³)	Detection limit (Bq/cm ³)	Half-life period
I-131	N.D	2.5×10^{-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	N.D	3.2×10^{-2}	-

All radioactive concentration: N.D

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

[Sampled date and time] At 11:40 AM on April 7 (Sun), 2013

[Analysis results]

Chloride concentration	16ppm
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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	5.3×10^{-2}	Approx. 2 years
Cs-137	N.D	6.5×10^{-2}	Approx. 30 years
All	5.7×10^1	3.2×10^{-2}	-

All radioactive concentration: N.D

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

[Sampled date and time] At 11:10 AM on April 7 (Sun), 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	3.1×10^{-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	N.D	3.2×10^{-2}	-

All radioactive concentration: N.D

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

[Sampled date and time] At 9:50 AM on April 7 (Sun), 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	5.1×10^{-2}	Approx. 2 years
Cs-137	N.D	6.7×10^{-2}	Approx. 30 years
All	5.4×10^{-2}	3.2×10^{-2}	-

All radioactive concentration: N.D

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

[Sampled date and time] At 9:50 AM on April 7 (Sun), 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	5.1×10^{-2}	Approx. 2 years
Cs-137	N.D	6.8×10^{-2}	Approx. 30 years
All	N.D	3.2×10^{-2}	-

All radioactive concentration: N.D

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

[Sampled date and time] At 9:40 AM on April 7 (Sun), 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	N.D	2.4×10^{-2}	Approx. 8 days
Cs-134	N.D	4.9×10^{-2}	Approx. 2 years
Cs-137	N.D	6.8×10^{-2}	Approx. 30 years
All	N.D	3.2×10^{-2}	-

All radioactive concentration: N.D

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

[Sampled date and time] At 9:40 AM on April 7 (Sun), 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	2.9×10^{-2}	Approx. 8 days
Cs-134	N.D	5.2×10^{-2}	Approx. 2 years
Cs-137	N.D	6.9×10^{-2}	Approx. 30 years
All	N.D	3.2×10^{-2}	-

All radioactive concentration: N.D

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

[Sampled date and time] At 6:00 PM on April 7 (Sun), 2013

[Analysis results]

Chloride concentration	14ppm
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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	5.4×10^{-2}	Approx. 2 years
Cs-137	N.D	6.8×10^{-2}	Approx. 30 years
All	9.4×10^{-1}	3.2×10^{-2}	-

All radioactive concentration: N.D

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

[Sampled date and time] At 6:00 PM on April 7 (Sun), 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	3.1×10^{-2}	Approx. 8 days
Cs-134	N.D	5.3×10^{-2}	Approx. 2 years
Cs-137	N.D	6.8×10^{-2}	Approx. 30 years
All	6.5×10^{-1}	3.2×10^{-2}	-

All radioactive concentration: N.D

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

[Sampled date and time] At 9:30 AM on April 7 (Sun), 2013

[Analysis results]

Chloride concentration	6ppm
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Nuclide	Radioactive concentration (Bq/cm ³)	Detection limit (Bq/cm ³)	Half-life period
I-131	N.D	3.1×10^{-2}	Approx. 8 days
Cs-134	N.D	5.0×10^{-2}	Approx. 2 years
Cs-137	N.D	6.6×10^{-2}	Approx. 30 years
All	7.9×10^{-2}	3.2×10^{-2}	-

All radioactive concentration: N.D

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

[Sampled date and time] At 9:30 AM on April 7 (Sun), 2013

[Analysis results]

Chloride concentration	6ppm
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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	4.9×10^{-2}	Approx. 2 years
Cs-137	N.D	6.9×10^{-2}	Approx. 30 years
All	8.6×10^{-2}	3.2×10^{-2}	-

All radioactive concentration: N.D

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

[Sampled date and time] At 5:30 PM on April 7 (Sun), 2013

[Analysis results]

Chloride concentration	6ppm
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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	5.5×10^{-2}	Approx. 2 years
Cs-137	N.D	7.0×10^{-2}	Approx. 30 years
All	1.8×10^{-1}	3.2×10^{-2}	-

All radioactive concentration: N.D

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

[Sampled date and time] At 5:30 PM on April 7 (Sun), 2013

[Analysis results]

Chloride concentration	6ppm
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Nuclide	Radioactive concentration (Bq/cm ³)	Detection limit (Bq/cm ³)	Half-life period
I-131	N.D	2.5×10^{-2}	Approx. 8 days
Cs-134	N.D	5.7×10^{-2}	Approx. 2 years
Cs-137	N.D	6.5×10^{-2}	Approx. 30 years
All	4.5×10^{-1}	3.2×10^{-2}	-

All radioactive concentration: N.D

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

[Sampled date and time] At 9:30 AM on April 7 (Sun), 2013

[Analysis results]

Chloride concentration	<1ppm
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Nuclide	Radioactive concentration (Bq/cm ³)	Detection limit (Bq/cm ³)	Half-life period
I-131	N.D	3.0×10^{-2}	Approx. 8 days
Cs-134	N.D	5.1×10^{-2}	Approx. 2 years
Cs-137	N.D	6.9×10^{-2}	Approx. 30 years
All	4.1×10^{-1}	3.2×10^{-2}	-

All radioactive concentration: N.D

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

[Analysis results]

*Data is not obtained, since the amount of the water necessary for sampling was not obtained.

[Sampled place] Underground Reservoir ii Leakage detector hole water, northeast side

[Sampled date and time] At 9:00 AM on April 7 (Sun), 2013

[Analysis results]

Chloride concentration	470ppm
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Nuclide	Radioactive concentration (Bq/cm ³)	Detection limit (Bq/cm ³)	Half-life period
I-131	N.D	1.1×10^{-1}	Approx. 8 days
Cs-134	1.0×10^{-1}	8.5×10^{-2}	Approx. 2 years
Cs-137	1.8×10^{-1}	9.5×10^{-2}	Approx. 30 years
All	8.0×10^3	3.2×10^0	-

All radioactive concentration: 2.8×10^{-1} (Bq/cm³)

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

[Sampled date and time] At 9:00 AM on April 7 (Sun), 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	4.2×10^{-2}	Approx. 8 days
Cs-134	2.0×10^{-1}	6.1×10^{-2}	Approx. 2 years
Cs-137	4.6×10^{-1}	7.1×10^{-2}	Approx. 30 years
All	1.1×10^1	3.2×10^{-2}	-

All radioactive concentration: 6.6×10^{-1} (Bq/cm³)

[Sampled place] Underground Reservoir iii Leakage detector hole water, northeast side

[Sampled date and time] At 9:20 AM on April 7 (Sun), 2013

[Analysis results]

Chloride concentration	<1ppm
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Nuclide	Radioactive concentration (Bq/cm ³)	Detection limit (Bq/cm ³)	Half-life period
I-131	N.D	2.5×10^{-2}	Approx. 8 days
Cs-134	N.D	5.1×10^{-2}	Approx. 2 years
Cs-137	N.D	6.5×10^{-2}	Approx. 30 years
All	2.3×10^{-1}	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 10:30 AM on April 7 (Sun), 2013

[Analysis results]

Chloride concentration	490ppm
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Nuclide	Radioactive concentration (Bq/cm ³)	Detection limit (Bq/cm ³)	Half-life period
I-131	N.D	6.8×10^{-2}	Approx. 8 days
Cs-134	N.D	6.8×10^{-2}	Approx. 2 years
Cs-137	N.D	8.1×10^{-2}	Approx. 30 years
All	2.0×10^3	3.2×10^0	-

All radioactive concentration: N.D

[Sampled place] Underground Reservoir iv Leakage detector hole water, northeast side

[Sampled date and time] At 1:30 PM on April 7 (Sun), 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	N.D	3.3×10^{-2}	Approx. 8 days
Cs-134	N.D	5.2×10^{-2}	Approx. 2 years
Cs-137	N.D	7.0×10^{-2}	Approx. 30 years
All	1.2×10^{-1}	3.2×10^{-2}	-

All radioactive concentration: N.D

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

[Analysis results]

*Data is not obtained, since the amount of the water necessary for sampling was not obtained.

[Sampled place] Underground Reservoir vi Leakage detector hole water, northeast side

[Sampled date and time] At 11:00 AM on April 7 (Sun), 2013

[Analysis results]

Chloride concentration	*
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Nuclide	Radioactive concentration (Bq/cm ³)	Detection limit (Bq/cm ³)	Half-life period
I-131	*	*	Approx. 8 days
Cs-134	*	*	Approx. 2 years
Cs-137	*	*	Approx. 30 years
All	3.5×10^{-1}	3.2×10^{-2}	-

*Data is not obtained, since the amount of the water necessary for sampling was not obtained.

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

[Analysis results]

*Data is not obtained, since the amount of the water necessary for sampling was not obtained.