Underground Reservoir Nuclide Analysis Results

<Reference>
April 11, 2013
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 concentration	12ppm

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	7.2×10^{-2}	Approx. 30 years
All β	9.9×10^{-2}	3.0×10^{-2}	-

All γ 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 concentration	6ppm

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	5.2×10^{-2}	Approx. 2 years
Cs-137	N.D	6.8×10^{-2}	Approx. 30 years
All β	5.2×10^{-2}	3.0×10^{-2}	-

All γ radioactive concentration: N.D

[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 concentration	14ppm

Nuclide	Radioactive concentration (Bq/cm^3)	Detection limit (Bq/cm^3)	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 β	5.5×10^{1}	3.2×10^{-2}	-

All γ 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 concentration	7ppm

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

All γ radioactive concentration: N.D

[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 concentration	6ppm

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 β	N.D	3.2×10^{-2}	-

All γ 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 concentration	4ppm

Nuclide	Radioactive concentration (Bq/cm^3)	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 β	N.D	3.2×10^{-2}	-

All γ radioactive concentration: N.D

[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]

Chloride concentration	9ppm

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	5.2×10^{-2}	Approx. 2 years
Cs-137	N.D	6.9×10^{-2}	Approx. 30 years
All β	N.D	3.0×10^{-2}	-

All γ 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 concentration	8ppm

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 β	N.D	3.0×10^{-2}	-

All γ radioactive concentration: N.D

[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

Nuclide	Radioactive concentration (Bq/cm^3)	Detection limit (Bq/cm^3)	Half-life period
I-131	N.D	2.6×10^{-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 β	1.6×10^{-1}	3.0×10^{-2}	-

All γ 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 concentration	7ppm

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	4.9×10^{-2}	Approx. 2 years
Cs-137	N.D	6.6×10^{-2}	Approx. 30 years
All β	N.D	3.0×10^{-2}	-

All γ radioactive concentration: N.D

[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 concentration	11ppm

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	5.5×10^{-2}	Approx. 2 years
Cs-137	N.D	7.0×10^{-2}	Approx. 30 years
All β	N.D	3.2×10^{-2}	-

All γ 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 concentration	6ppm

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 β	4.5×10^{-2}	3.2×10^{-2}	-

All γ radioactive concentration: N.D

[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 concentration	6ppm

Nuclide	Radioactive concentration (Bq/cm^3)	Detection limit (Bq/cm^3)	Half-life period
I-131	N.D	2.6×10^{-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 β	N.D	3.2×10^{-2}	-

All γ 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]

Chloride concentration	10ppm

Nuclide	Radioactive concentration (Bq/cm^3)	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 β	4.5×10^{-2}	3.2×10^{-2}	-

All γ radioactive concentration: N.D

[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 concentration	1100ppm

Nuclide	Radioactive concentration (Bq/cm^3)	Detection limit (Bq/cm^3)	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 β	2.3×10^{4}	3.2×10^{0}	-

All γ radioactive concentration: 2.8×10^{1}(Bq/cm^3)
(Breakdown) Sb-125: 2.7×10^{1} (Bq/cm^3), Ru-106: 1.3×10^{0} (Bq/cm^3)

[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 concentration	8ppm

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	5.3×10^{-2}	Approx. 2 years
Cs-137	N.D	6.6×10^{-2}	Approx. 30 years
All β	N.D	3.2×10^{-2}	-

All γ radioactive concentration: N.D

[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

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	N.D	8.5×10^{-2}	Approx. 2 years
Cs-137	1.1×10^{-1}	9.7×10^{-2}	Approx. 30 years
All β	5.4×10^{3}	3.2×10^{0}	-

All γ radioactive concentration: $1.1\times10^{-1}(Bq/cm^3)$

[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]

Chloride concentration	11ppm

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	5.6×10^{-2}	Approx. 2 years
Cs-137	N.D	6.8×10^{-2}	Approx. 30 years
All β	1.3×10^{0}	3.2×10^{-2}	-

All γ radioactive concentration: N.D

[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 concentration	2ppm

Nuclide	Radioactive concentration (Bq/cm^3)	Detection limit (Bq/cm^3)	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	6.9×10^{-2}	Approx. 30 years
All β	N.D	3.2×10^{-2}	-

All γ 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]

Chloride concentration	280ppm

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

All γ radioactive concentration: N.D

[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 concentration	11ppm

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 β	N.D	3.2×10^{-2}	-

All γ 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 concentration	7ppm

Nuclide	Radioactive concentration (Bq/cm^3)	Detection limit (Bq/cm^3)	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 β	N.D	3.2×10^{-2}	-

All γ 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.