

Underground Reservoir Nuclide Analysis Results

【Sampled place】 Underground Reservoir Drain hole water
【Sampled time】 9:15, April 6 (Sat), 2013
【Analysis results】

Chloride concentration	13 ppm
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Nuclide	Radioactive concentration (Bq/cm ³)	Detection limit (Bq/cm ³)	Half-life period
I-131	N.D (Below detection limit)	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	6.9×10^{-2}	3.3×10^{-2}	-

All radioactive concentration: N.D

【Sampled place】 Underground Reservoir

Drain hole water, southwest side

【Sampled time】 9:20, April 6 (sat), 2013

【Analysis results】

Chloride Concentration	8 p p m
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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	N.D	8.6×10^{-2}	Approx. 2 years
Cs-137	N.D	1.0×10^{-1}	Approx. 30 years
All	4.8×10^{-2}	3.3×10^{-2}	-

All radioactive concentration: N.D

【Sampled place】 Underground Reservoir

Drain hole water Northeast side

【Sampled time】 9:25, April 6 (Sat), 2013

【Analysis results】

Chloride Concentration	1 4 p p m
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核種	Radioactive Concentration (Bq/cm ³)	Detection Limit (Bq/cm ³)	Half-life Period
I-131	N.D	3.4×10^{-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
全ベータ	4.3×10^{-1}	3.3×10^{-2}	-

All radioactive concentration: N.D

【 Sampled place 】 Underground Reservoir

Drain hole water

【 Sampled time 】 9:30, April 6 (Sat), 2013

【 Analysis results 】

Chloride concentration	1 0 p p m
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Nuclide	Radioactive concentration (Bq/cm ³)	Detection limit (Bq/cm ³)	Half-life period
I-131	N.D	$3 . 5 \times 1 0^{-2}$	Approx. 8 days
Cs-134	N.D	$5 . 6 \times 1 0^{-2}$	Approx. 2 years
Cs-137	N.D	$6 . 9 \times 1 0^{-2}$	Approx. 30 years
All	$1 . 1 \times 1 0^{-1}$	$3 . 3 \times 1 0^{-2}$	-

All radioactive concentration: N.D

【 Sampled place 】 Underground Reservoir

Drain hole water

【 Sampled time 】 9:45, April 6 (Sat), 2013

【 Analysis results 】

Chloride concentration	9 p p m
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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	5.1×10^{-2}	Approx. 2 years
Cs-137	N.D	6.8×10^{-2}	Approx. 30 years
All	N.D	3.3×10^{-2}	-

All radioactive concentration: N.D

【 Sampled place 】 Underground Reservoir
【 Sampled time 】 13:56, April 6 (Sat), 2013
【 Analysis results 】

Leakage detector hole water, Northeast side

Chloride concentration	5 0 0 p p m
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Nuclide	Radioactive concentration (Bq/cm ³)	Detection limit (Bq/cm ³)	Half-life period
I-131	N.D	$9 . 0 \times 1 0^{-2}$	Approx. 8 days
Cs-134	$9 . 2 \times 1 0^{-2}$	$7 . 1 \times 1 0^{-2}$	Approx. 2 years
Cs-137	$9 . 8 \times 1 0^{-2}$	$8 . 8 \times 1 0^{-2}$	Approx. 30 years
All	$6 . 9 \times 1 0^3$	$3 . 1 \times 1 0^0$	-

All radioactive concentration: $1 . 9 \times 1 0^{-1}$ Bq/cm³

【 Sampled place 】 Underground Reservoir
【 Sampled time 】 14:17, April 6 (Sat), 2013
【 Analysis results 】

Leakage detector hole water, Southwest side

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