

Underground Reservoir Nuclide Analysis Results (As of February 20, 2014)

| | | Underground Reservoir (Drain hole water) | | | | | | | | | | | | | |
|--|--|--|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | i | | ii | | iii | | iv | | v | | vi | | vii | |
| | | Northeast side | Southwest side | Northeast side | Southwest side | Northeast side | Southwest side | Northeast side | Southwest side | Northeast side | Southwest side | Northeast side | Southwest side | Northeast side | Southwest side |
| Sampled time | | 8:16 AM | 8:30 AM | 8:12 AM | 8:23 AM | 8:00 AM | 8:08 AM | 8:36 AM | 8:44 AM | 7:54 AM | 7:49 AM | 8:06 AM | 7:57 AM | 8:12 AM | 8:28 AM |
| Chloride concentration (ppm) | | 9 | 7 | 9 | 8 | 13 | 15 | 10 | 11 | 8 | 8 | 9 | 14 | 9 | 11 |
| Radioactive concentration (Bq/cm ³) | I-131 | <2.6E-2 | <2.1E-2 | <2.5E-2 | <2.0E-2 | <3.2E-2 | <2.7E-2 | <2.6E-2 | <2.9E-2 | <2.4E-2 | <2.4E-2 | <2.5E-2 | <2.5E-2 | <2.9E-2 | <2.4E-2 |
| | Cs-134 | <4.5E-2 | <4.2E-2 | <4.4E-2 | <5.8E-2 | <4.4E-2 | <6.2E-2 | <4.9E-2 | <4.3E-2 | <5.0E-2 | <4.0E-2 | <4.6E-2 | <4.3E-2 | <4.9E-2 | <4.7E-2 |
| | Cs-137 | <6.5E-2 | <5.6E-2 | <6.3E-2 | <6.2E-2 | <6.6E-2 | <5.8E-2 | <6.3E-2 | <5.7E-2 | <6.4E-2 | <6.0E-2 | <6.5E-2 | <5.5E-2 | <6.5E-2 | <5.8E-2 |
| | γ nuclides other than the major 3 nuclides | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | All β | 1.4E-1 | <2.8E-2 | <2.8E-2 | <2.8E-2 | 4.3E-2 | <2.8E-2 | <2.8E-2 | <2.8E-2 | <2.8E-2 | <2.8E-2 | 3.7E-2 | <2.8E-2 | <2.8E-2 | <2.8E-2 |

Half-life period I-131: Approx. 8 days, Cs-134: Approx. 2 years, Cs-137: Approx. 30 years

| | | Underground Reservoir (Leakage detector hole water) | | | | | | | | | | | | | |
|--|--|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | i | | ii | | iii | | iv | | v | | vi | | vii | |
| | | Northeast side | Southwest side | Northeast side | Southwest side | Northeast side | Southwest side | Northeast side | Southwest side | Northeast side | Southwest side | Northeast side | Southwest side | Northeast side | Southwest side |
| Sampled time | | 7:49 AM | 8:27 AM | 7:54 AM | 8:20 AM | 7:58 AM | 8:05 AM | 8:40 AM | Not sampled | | | 8:02 AM | Not sampled | 8:15 AM | 8:23 AM |
| Chloride concentration (ppm) | | 11 | 6 | 10 | 20 | 10 | 10 | 11 | | | | 9 | | 9 | 8 |
| Radioactive concentration (Bq/cm ³) | I-131 | <2.3E-2 | <2.2E-2 | <4.1E-2 | <2.4E-2 | <2.5E-2 | <2.9E-2 | <2.3E-2 | | | | <2.6E-2 | | <2.5E-2 | <2.4E-2 |
| | Cs-134 | <5.1E-2 | <4.3E-2 | <4.6E-2 | <3.8E-2 | <4.5E-2 | <4.1E-2 | <4.2E-2 | | | | <4.5E-2 | | <4.7E-2 | <4.3E-2 |
| | Cs-137 | <6.4E-2 | <5.7E-2 | <6.4E-2 | <5.6E-2 | <6.4E-2 | <5.6E-2 | <5.7E-2 | | | | <6.4E-2 | | <6.5E-2 | <5.5E-2 |
| | γ nuclides other than the major 3 nuclides | ND | ND | ND | ND | ND | ND | ND | | | | ND | | ND | ND |
| | All β | 1.4E+2 | <2.8E-2 | 9.9E+0 | 3.7E-2 | 7.2E+1 | 2.1E+1 | <2.8E-2 | | | | <2.8E-2 | | <2.8E-2 | <2.8E-2 |

Half-life period I-131: Approx. 8 days, Cs-134: Approx. 2 years, Cs-137: Approx. 30 years

(Note 1) O.OE±O is the same as O.O x 10^{±0}.

(Note 2) The figures written next to "<" indicate the detection limit when the measurement result is below the detection limit.

(Note 3) "ND" indicates that the measurement result of γ nuclides other than the major 3 nuclides are below the detection limit.

Underground Reservoir Observation Holes Nuclide Analysis Results (As of February 20, 2014)

| | Underground reservoir observation holes (i - iii) | | | | | | | | | | | | | |
|-----------------------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | A1 | A2 | A3 | A4 | A5 | A6 | A7 | A8 | A9 | A10 | A11 | A12 | A13 | A14 |
| Sampled time | 8:40 AM | 8:47 AM | 8:55 AM | 9:03 AM | 9:57 AM | 9:46 AM | 9:37 AM | 9:29 AM | 9:22 AM | 9:15 AM | 9:20 AM | 9:11 AM | 9:03 AM | 8:57 AM |
| Chloride concentration (ppm) | 10 | 10 | 11 | 9 | 10 | 10 | 10 | 11 | 9 | 14 | 34 | 9 | 9 | 11 |
| All β (Bq/cm ³) | <2.8E-2 | <2.8E-2 | <2.8E-2 | <2.8E-2 | <2.8E-2 | <2.8E-2 | <2.8E-2 | <2.8E-2 | <2.8E-2 | <2.8E-2 | <2.8E-2 | <2.8E-2 | <2.8E-2 | <2.8E-2 |

| | Underground reservoir observation holes (i - iii) | | | | | Underground reservoir observation holes (vi) | | |
|-----------------------------------|---|---------|---------|---------|---------|--|---------|---------|
| | A15 | A16 | A17 | A18 | A19 | B1 | B2 | B3 |
| Sampled time | 8:51 AM | 8:44 AM | 8:39 AM | 9:42 AM | 9:32 AM | 8:49 AM | 8:58 AM | 9:09 AM |
| Chloride concentration (ppm) | 8 | 11 | 6 | 8 | 10 | 6 | 4 | 10 |
| All β (Bq/cm ³) | <2.8E-2 | <2.8E-2 | <2.8E-2 | <2.8E-2 | <2.8E-2 | <2.8E-2 | <2.8E-2 | <2.8E-2 |

(Note 1) O.OE±O is the same as O.O x 10^{±0}.

(Note 2) The figures written next to "<" indicate the detection limit when the measurement result is below the detection limit.