

Underground Reservoir Nuclide Analysis Results (As of May 23, 2013)

| | | 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 | | 9:02 AM | 9:10 AM | 8:55 AM | 9:01 AM | 8:47 AM | 8:54 AM | 8:39 AM | 8:44 AM | 8:25 AM | 8:20 AM | 8:38 AM | 8:29 AM | 8:45 AM | 8:49 AM |
| Chloride concentration (ppm) | | 12 | 7 | 10 | 7 | 9 | 5 | 10 | 9 | 9 | 9 | 10 | 10 | 6 | 9 |
| Radioactive concentration (Bq/cm ³) | I-131 | <3.1E-2 | <2.4E-2 | <2.3E-2 | <2.7E-2 | <2.6E-2 | <2.5E-2 | <2.6E-2 | <2.2E-2 | <2.4E-2 | <2.4E-2 | <2.8E-2 | <2.5E-2 | <2.4E-2 | <2.3E-2 |
| | Cs-134 | <5.1E-2 | <5.3E-2 | <5.1E-2 | <4.7E-2 | <5.2E-2 | <5.1E-2 | <5.2E-2 | <5.6E-2 | <5.2E-2 | <5.1E-2 | <5.0E-2 | <5.0E-2 | <4.7E-2 | <5.3E-2 |
| | Cs-137 | <6.8E-2 | <6.6E-2 | <6.7E-2 | <6.7E-2 | <6.8E-2 | <6.7E-2 | <6.5E-2 | <6.7E-2 | <6.8E-2 | <6.6E-2 | <6.7E-2 | <6.8E-2 | <6.5E-2 | <6.6E-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 | | 1.2E+1 | <3.2E-2 | 5.5E-1 | <3.2E-2 | 7.6E-2 | <3.2E-2 | <3.2E-2 | <3.2E-2 | <3.2E-2 | 1.1E-1 | <3.2E-2 | <3.2E-2 | <3.2E-2 | <3.2E-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 | | 8:14 AM | 8:16 AM | 8:20 AM | 8:26 AM | 8:26 AM | 8:34 AM | 8:34 AM | Not sampled | | | 8:34 AM | Not sampled | | |
| Chloride concentration (ppm) | | 23 | 6 | 11 | 13 | 10 | 10 | 9 | | | | 6 | | | |
| Radioactive concentration (Bq/cm ³) | I-131 | <3.5E-2 | <2.7E-2 | <2.3E-2 | <2.6E-2 | <2.6E-2 | <2.8E-2 | <2.6E-2 | | | | <2.4E-2 | | | |
| | Cs-134 | <6.7E-2 | <5.2E-2 | <5.3E-2 | <5.0E-2 | <5.1E-2 | <5.0E-2 | <4.8E-2 | | | | <5.0E-2 | | | |
| | Cs-137 | <6.9E-2 | <6.8E-2 | <6.7E-2 | <6.7E-2 | <6.6E-2 | <6.8E-2 | <6.8E-2 | | | | <6.6E-2 | | | |
| | γ nuclides other than the major 3 nuclides | 3.5E-1* | ND | ND | ND | ND | ND | ND | | | | ND | | | |
| All β | | 4.6E+2 | <3.2E-2 | 2.8E+1 | 4.8E-2 | 6.3E-2 | 3.7E+1 | <3.2E-2 | | | | <3.2E-2 | | | |

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

* Sb-125: 3.5E-1

(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 May 23, 2013)

| | Underground reservoir observation holes (i - iii) | | | | | | | | | | | | | |
|-----------------------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|---------|---------|---------|
| | A1 | A2 | A3 | A4 | A5 | A6 | A7 | A8 | A9 | A10 | A11 | A12 | A13 | A14 |
| Sampled time | 8:58 AM | 9:07 AM | 9:20 AM | 9:02 AM | 9:14 AM | 9:23 AM | 9:34 AM | 9:45 AM | 9:58 AM | 10:09 AM | 10:19 AM | 9:23 AM | 9:31 AM | 9:39 AM |
| Chloride concentration (ppm) | 10 | 10 | 10 | 8 | 9 | 8 | 8 | 10 | 9 | 9 | 35 | 9 | 9 | 10 |
| All β (Bq/cm ³) | <3.2E-2 | <3.2E-2 | <3.2E-2 | <3.2E-2 | <3.2E-2 | <3.2E-2 | <3.2E-2 | <3.2E-2 | <3.2E-2 | <3.2E-2 | <3.2E-2 | <3.2E-2 | <3.2E-2 | <3.2E-2 |

| | Underground reservoir observation holes (i - iii) | | | | | Underground reservoir observation holes (vi) | | |
|-----------------------------------|---|---------|----------|---------|---------|--|---------|----------|
| | A15 | A16 | A17 | A18 | A19 | B1 | B2 | B3 |
| Sampled time | 9:48 AM | 9:56 AM | 10:04 AM | 9:02 AM | 9:14 AM | 9:42 AM | 9:52 AM | 10:06 AM |
| Chloride concentration (ppm) | 10 | 13 | 8 | 9 | 10 | 28 | 10 | 9 |
| All β (Bq/cm ³) | <3.2E-2 | <3.2E-2 | <3.2E-2 | <3.2E-2 | <3.2E-2 | <3.2E-2 | <3.2E-2 | <3.2E-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.