

Underground Reservoir Nuclide Analysis Results (As of October 14, 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 | | 8:05 AM | 8:13 AM | 8:00 AM | 8:04 AM | 7:56 AM | 7:55 AM | 8:04 AM | 8:08 AM | 7:53 AM | 7:48 AM | 8:05 AM | 7:56 AM | 8:10 AM | 8:15 AM |
| Chloride concentration (ppm) | | 10 | 6 | 9 | 8 | 10 | 7 | 12 | 10 | 10 | 4 | 10 | 6 | 7 | 8 |
| Radioactive concentration (Bq/cm ³) | I-131 | <2.8E-2 | <2.9E-2 | <3.1E-2 | <2.8E-2 | <2.6E-2 | <2.0E-2 | <2.1E-2 | <2.9E-2 | <2.9E-2 | <2.9E-2 | <2.5E-2 | <2.6E-2 | <2.8E-2 | <2.5E-2 |
| | Cs-134 | <4.9E-2 | <4.4E-2 | <4.6E-2 | <4.7E-2 | <4.5E-2 | <4.5E-2 | <4.7E-2 | <4.5E-2 | <4.9E-2 | <4.6E-2 | <4.9E-2 | <5.0E-2 | <4.7E-2 | <4.9E-2 |
| | Cs-137 | <6.6E-2 | <6.4E-2 | <6.5E-2 | <6.5E-2 | <6.7E-2 | <6.4E-2 | <6.5E-2 | <6.6E-2 | <6.4E-2 | <6.6E-2 | <6.4E-2 | <6.5E-2 | <6.5E-2 | <6.7E-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 | 7.9E-1 | <2.8E-2 | 3.3E-2 | <2.8E-2 | 3.4E-1 | <2.8E-2 | <2.8E-2 | <2.8E-2 | <2.8E-2 | <2.8E-2 | 5.2E-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 | | 7:45 AM | 8:09 AM | 7:48 AM | 8:00 AM | 7:52 AM | 7:51 AM | 8:00 AM | Not sampled | | | 8:01 AM | Not sampled | | |
| Chloride concentration (ppm) | | 11 | 7 | 11 | 12 | 8 | 11 | 10 | | | | 7 | | | |
| Radioactive concentration (Bq/cm ³) | I-131 | <2.4E-2 | <2.8E-2 | <2.5E-2 | <2.3E-2 | <2.2E-2 | <2.9E-2 | <2.5E-2 | | | | <2.2E-2 | | | |
| | Cs-134 | <4.7E-2 | <4.7E-2 | <4.9E-2 | <4.9E-2 | <4.9E-2 | <4.9E-2 | <4.9E-2 | | | | <4.7E-2 | | | |
| | Cs-137 | <6.5E-2 | <6.4E-2 | <6.5E-2 | <6.6E-2 | <6.5E-2 | <6.6E-2 | <6.5E-2 | | | | <6.7E-2 | | | |
| | γ nuclides other than the major 3 nuclides | ND | ND | ND | ND | ND | ND | ND | | | | ND | | | |
| | All β | 9.5E+1 | <2.8E-2 | 2.6E+1 | <2.8E-2 | 7.2E+1 | 4.0E+1 | <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 October 14, 2013)

| | Underground reservoir observation holes (i - iii) | | | | | | | | | | | | | |
|-----------------------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | A1 | A2 | A3 | A4 | A5 | A6 | A7 | A8 | A9 | A10 | A11 | A12 | A13 | A14 |
| Sampled time | 8:17 AM | 8:28 AM | 8:38 AM | 8:50 AM | 9:23 AM | 9:14 AM | 9:06 AM | 8:58 AM | 8:49 AM | 8:40 AM | 9:20 AM | 9:09 AM | 8:59 AM | 8:48 AM |
| Chloride concentration (ppm) | 10 | 11 | 11 | 7 | 9 | 9 | 9 | 9 | 11 | 12 | 36 | 12 | 10 | 12 |
| 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 | 8:39 AM | 8:27 AM | 8:16 AM | 8:21 AM | 8:31 AM | 9:11 AM | 9:22 AM | 9:32 AM |
| Chloride concentration (ppm) | 10 | 12 | 6 | 7 | 10 | 18 | 6 | 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 |

(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.

**Nuclide Analysis Results of the Underground Bypass (Investigation Holes/Pumping Well) and the Sea Side Observation Holes
(As of October 14, 2013)**

| | Underground bypass investigation holes | | | Underground bypass pumping well | | | | Sea side observation holes | | | | | | | |
|-------------------------------|--|---|---|---------------------------------|---|---|---|----------------------------|---|---|---|----------------|----------------|----------------|----------------|
| | a | b | c | 1 | 2 | 3 | 4 | ① | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ |
| Sampled time | / | / | / | / | / | / | / | / | / | / | / | 8:42 AM | 8:37 AM | 9:00 AM | 9:05 AM |
| Chloride concentration (ppm) | / | / | / | / | / | / | / | / | / | / | / | 8 | 12 | 18 | 8 |
| Tritium (Bq/cm ³) | / | / | / | / | / | / | / | / | / | / | / | Under analysis | Under analysis | Under analysis | Under analysis |
| All β(Bq/cm ³) | / | / | / | / | / | / | / | / | / | / | / | <2.8E-2 | <2.8E-2 | <2.8E-2 | <2.8E-2 |

Half-life period Tritium: Approx. 12 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.