

Underground Reservoir Nuclide Analysis Results (As of September 2, 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 | | 8:10 AM | 8:21 AM | 8:05 AM | 8:11 AM | 8:00 AM | 8:02 AM | 7:55 AM | 7:54 AM | 7:50 AM | 7:45 AM | 8:05 AM | 7:54 AM | 8:10 AM | 8:15 AM |
| Chloride concentration (ppm) | | 10 | 6 | 9 | 6 | 10 | 4 | 12 | 13 | 10 | 4 | 10 | 9 | 6 | 8 |
| Radioactive concentration (Bq/cm ³) | I-131 | <2.4E-2 | <3.1E-2 | <2.5E-2 | <3.0E-2 | <2.6E-2 | <2.7E-2 | <2.3E-2 | <2.9E-2 | <2.7E-2 | <2.3E-2 | <2.2E-2 | <2.3E-2 | <2.4E-2 | <2.6E-2 |
| | Cs-134 | <4.6E-2 | <4.8E-2 | <4.7E-2 | <5.0E-2 | <4.7E-2 | <4.5E-2 | <4.6E-2 | <4.7E-2 | <4.4E-2 | <4.8E-2 | <4.4E-2 | <5.0E-2 | <4.6E-2 | <4.5E-2 |
| | Cs-137 | <6.4E-2 | <6.9E-2 | <6.6E-2 | <6.5E-2 | <6.5E-2 | <6.5E-2 | <6.5E-2 | <6.8E-2 | <6.5E-2 | <6.6E-2 | <6.4E-2 | <6.8E-2 | <6.4E-2 | <6.5E-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 | 7.8E-1 | <2.8E-2 | 8.0E-2 | <2.8E-2 | 2.1E-1 | <2.8E-2 | <2.8E-2 | <2.8E-2 | <2.8E-2 | <2.8E-2 | 7.3E-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 | | 7:36 AM | 8:17 AM | 7:40 AM | 8:07 AM | 7:45 AM | 7:46 AM | 7:52 AM | Not sampled | | | 8:00 AM | Not sampled | | |
| Chloride concentration (ppm) | | 12 | 5 | 13 | 12 | 10 | 10 | 11 | | | | 3 | | | |
| Radioactive concentration (Bq/cm ³) | I-131 | <3.0E-2 | <3.1E-2 | <2.8E-2 | <2.5E-2 | <2.5E-2 | <2.6E-2 | <2.2E-2 | | | | <2.8E-2 | | | |
| | Cs-134 | <5.7E-2 | <4.9E-2 | <4.8E-2 | <4.8E-2 | <4.5E-2 | <5.3E-2 | <4.7E-2 | | | | <4.7E-2 | | | |
| | Cs-137 | <6.5E-2 | <6.8E-2 | <6.8E-2 | <6.8E-2 | <6.5E-2 | <6.9E-2 | <6.7E-2 | | | | <6.4E-2 | | | |
| | γ nuclides other than the major 3 nuclides | 9.1E-2* | ND | ND | ND | ND | ND | ND | | | | ND | | | |
| | All β | 1.5E+2 | <2.8E-2 | 1.8E+1 | <2.8E-2 | 3.7E-2 | 1.1E+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

*Sb-125: 9.1E-2

(Note 1) 0.OE±0 is the same as 0.0 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 September 2, 2013)

| | Underground reservoir observation holes (i - iii) | | | | | | | | | | | | | |
|-----------------------------------|---|---------|---------|---------|----------|----------|----------|----------|----------|----------|---------|---------|---------|---------|
| | A1 | A2 | A3 | A4 | A5 | A6 | A7 | A8 | A9 | A10 | A11 | A12 | A13 | A14 |
| Sampled time | 8:49 AM | 8:58 AM | 9:10 AM | 9:23 AM | 10:22 AM | 10:32 AM | 10:40 AM | 10:48 AM | 10:57 AM | 10:53 AM | 9:30 AM | 9:22 AM | 9:15 AM | 9:07 AM |
| Chloride concentration (ppm) | 9 | 11 | 11 | 9 | 9 | 8 | 8 | 9 | 9 | 10 | 35 | 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 | 8:59 AM | 8:53 AM | 8:46 AM | 10:37 AM | 9:40 AM | 9:41 AM | 9:52 AM | 10:02 AM |
| Chloride concentration (ppm) | 9 | 11 | 7 | 8 | 10 | 38 | 4 | 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 September 2, 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 | / | / | / | / | / | / | / | / | / | / | / | 9:41 AM | 9:54 AM | 11:35 AM | 9:30 AM |
| Chloride concentration (ppm) | / | / | / | / | / | / | / | / | / | / | / | 9 | 10 | 16 | 10 |
| 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.