

Underground Reservoir Nuclide Analysis Results (As of September 16, 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 | | 6:30 AM | | 6:36 AM | | 6:46 AM | 6:42 AM | | | | | | | | |
| Chloride concentration (ppm) | | 8 | | 8 | | 8 | 2 | | | | | | | | |
| Radioactive concentration (Bq/cm ³) | I-131 | <2.3E-2 | | <2.1E-2 | | <2.5E-2 | <2.6E-2 | | | | | | | | |
| | Cs-134 | <4.5E-2 | | <3.9E-2 | | <4.0E-2 | <4.2E-2 | | | | | | | | |
| | Cs-137 | <6.5E-2 | | <6.4E-2 | | <6.3E-2 | <6.3E-2 | | | | | | | | |
| | γ nuclides other than the major 3 nuclides | ND | | ND | | ND | ND | | | | | | | | |
| | All β | 3.4E-1 | | <3.0E-2 | | 9.5E-2 | <3.0E-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 | | 6:28 AM | | 6:24 AM | | 6:48 AM | 6:40 AM | | | | | | | | |
| Chloride concentration (ppm) | | 9 | | 9 | | 8 | 8 | | | | | | | | |
| Radioactive concentration (Bq/cm ³) | I-131 | <3.0E-2 | | <2.8E-2 | | <2.6E-2 | <2.8E-2 | | | | | | | | |
| | Cs-134 | <4.2E-2 | | <4.0E-2 | | <4.4E-2 | <4.2E-2 | | | | | | | | |
| | Cs-137 | <6.4E-2 | | <6.3E-2 | | <6.3E-2 | <6.3E-2 | | | | | | | | |
| | γ nuclides other than the major 3 nuclides | ND | | ND | | ND | ND | | | | | | | | |
| | All β | 4.5E+1 | | 1.7E+1 | | 1.7E+1 | 3.9E+0 | | | | | | | | |

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.

**Nuclide Analysis Results of the Underground Bypass (Investigation Holes/Pumping Well) and the Sea Side Observation Holes
(As of September 16, 2014)**

| | Underground bypass investigation holes | | | Sea side observation holes | | | | | | | |
|-------------------------------|----------------------------------------|----------------|----------------|----------------------------|----------------|----------------|----------------|---|---|---|---|
| | a | b | c | ① | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ |
| Sampled time | / | 7:48 AM | 7:31 AM | 8:27 AM | 8:44 AM | 7:11 AM | 8:06 AM | / | / | / | / |
| Chloride concentration (ppm) | / | 8 | 11 | 6 | 6 | 8 | 12 | / | / | / | / |
| Tritium (Bq/cm ³) | / | Under analysis | Under analysis | Under analysis | Under analysis | Under analysis | Under analysis | / | / | / | / |
| All β(Bq/cm ³) | / | <3.0E-2 | <3.0E-2 | <3.0E-2 | <3.0E-2 | <3.0E-2 | <3.0E-2 | / | / | / | / |

Half-life period of tritium: Approx. 12 years

(Note 1) 0.0E±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.