

Underground Reservoir Nuclide Analysis Results (As of April 13, 2013)

| | | Underground Reservoir (Drain hole water) | | | | | | | | | | | | | |
|--------------------------------------------------------|--------------------------------------------|------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | | | | | | | | | | | | | |
| | | 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 | | 5:10 AM | 5:10 AM | 5:20 AM | 5:20 AM | 5:30 AM | 5:30 AM | 5:40 AM | 5:40 AM | 5:50 AM | 5:50 AM | 6:00 AM | 6:00 AM | 6:10 AM | 6:10 AM |
| Chloride concentration (ppm) | | 17 | 8 | 13 | 8 | 8 | 6 | 10 | 9 | 15 | 8 | 13 | 10 | 7 | 11 |
| Radioactive concentration (Bq/cm ³) | I-131 | <2.9E-2 | <2.8E-2 | <2.7E-2 | <2.6E-2 | <2.7E-2 | <3.0E-2 | <2.8E-2 | <3.0E-2 | <3.0E-2 | <2.9E-2 | <2.2E-2 | <2.9E-2 | <1.8E-2 | <3.0E-2 |
| | Cs-134 | <4.9E-2 | <5.2E-2 | <5.0E-2 | <5.2E-2 | <4.9E-2 | <5.3E-2 | <5.2E-2 | <4.8E-2 | <4.9E-2 | <5.0E-2 | <4.9E-2 | <5.2E-2 | <5.4E-2 | <5.4E-2 |
| | Cs-137 | <6.8E-2 | <6.7E-2 | <6.7E-2 | <7.0E-2 | <6.6E-2 | <6.8E-2 | <6.9E-2 | <6.7E-2 | <6.7E-2 | <6.8E-2 | <6.7E-2 | <7.0E-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 | 7.2E+0 | 2.8E-2 | 5.8E+1 | 1.5E-1 | 9.2E-2 | 2.0E-1 | 7.6E-2 | 4.1E-2 | 5.5E-1 | 3.5E-2 | 6.1E-2 | 7.0E-2 | 1.8E-2 | 1.8E-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) | | | | | | | | | | | | | |
|--------------------------------------------------------|--------------------------------------------|-----------------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | | | | | | | | | | | | | |
| | | 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 | | 9:00 AM | 8:45 AM | 9:20 AM | 9:10 AM | 9:45 AM | 9:35 AM | 10:00 AM | No sample | | | | | 10:20 AM | Np sample |
| Chloride concentration (ppm) | | 1200 | 8 | 120 | 10 | 10 | 180 | 11 | | | | | | 9 | |
| Radioactive concentration (Bq/cm ³) | I-131 | <1.8E-1 | <3.0E-2 | <6.7E-2 | <2.3E-2 | <2.8E-2 | <6.1E-2 | <2.4E-2 | | | | | | <3.8E-2 | |
| | Cs-134 | <2.5E-1 | <5.4E-2 | <6.7E-2 | <5.1E-2 | <5.4E-2 | <6.1E-2 | <5.0E-2 | | | | | | <5.5E-2 | |
| | Cs-137 | <1.4E-1 | <6.9E-2 | <8.1E-2 | <6.8E-2 | <6.6E-2 | <7.6E-2 | <6.8E-2 | | | | | | <6.8E-2 | |
| | γ nuclides other than the major 3 nuclides | 2.9E+1* | ND | ND | ND | ND | ND | ND | | | | | | ND | |
| | All β | 2.4E+4 | 1.9E-1 | 4.6E+3 | 1.5E+0 | 5.8E-2 | 1.5E+3 | 8.8E-2 | | | | | | 5.2E-2 | |

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

* Sb-125: 2.8E+1, Ru-106: 1.1E+0

(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.

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