

## Underground Reservoir Nuclide Analysis Results (As of June 22, 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                                       |  | 7:08 AM                                  |                | 7:22 AM        |                | 7:31 AM        | 7:17 AM        |                |                |                |                |                |                |                |                |
| Chloride concentration (ppm)                       |  | 9  |                | 9              |                | 5              | 3              |                |                |                |                |                |                |                |                |
| Radioactive concentration<br>(Bq/cm <sup>3</sup> ) | I-131                                      | <2.7E-2                                  |                | <2.3E-2        |                | <2.1E-2        | <2.5E-2        |                |                |                |                |                |                |                |                |
|  | Cs-134                                     | <4.5E-2                                  |                | <4.2E-2        |                | <3.9E-2        | <4.3E-2        |                |                |                |                |                |                |                |                |
|  | Cs-137                                     | <6.5E-2                                  |                | <5.7E-2        |                | <5.7E-2        | <6.4E-2        |                |                |                |                |                |                |                |                |
|  | γ nuclides other than the major 3 nuclides | ND                                       |                | ND             |                | ND             | ND             |                |                |                |                |                |                |                |                |
|  | All β                                      | 2.5E-1                                   |                | 3.0E-2         |                | 4.8E-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                                       |  | 7:02 AM   |                | 6:57 AM        |                | 7:27 AM        | 7:15 AM        |                |                |                |                |                |                |                |                |
| Chloride concentration (ppm)                       |  | 9   |                | 14             |                | 9              | 10             |                |                |                |                |                |                |                |                |
| Radioactive concentration<br>(Bq/cm <sup>3</sup> ) | I-131                                      | <2.9E-2   |                | <2.3E-2        |                | <2.8E-2        | <2.4E-2        |                |                |                |                |                |                |                |                |
|  | Cs-134                                     | <4.7E-2   |                | <4.3E-2        |                | <4.3E-2        | <4.0E-2        |                |                |                |                |                |                |                |                |
|  | Cs-137                                     | <6.3E-2   |                | <6.0E-2        |                | <6.4E-2        | <5.7E-2        |                |                |                |                |                |                |                |                |
|  | γ nuclides other than the major 3 nuclides | ND  |                | ND             |                | ND             | ND             |                |                |                |                |                |                |                |                |
|  | All β                                      | 5.7E+1  |                | 1.4E+1         |                | 2.0E+1         | 1.1E+1         |                |                |                |                |                |                |                |                |

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<sup>±0</sup>.

(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.