

Nuclide analysis results of water at water treatment facility

Unit: (Bq/cm³)

| Name of sampling | Highly concentrated contaminated water at the basement of Centralized Radiation Waste Treatment Facility (Accumulated water) | Treated water at Cesium Adsorption Apparatus | Highly concentrated contaminated water at the basement of High Temperature Incinerator Building (Accumulated water) | Treated water of System A at 2nd Cesium Adsorption Apparatus | Treated water of System B at 2nd Cesium Adsorption Apparatus | Water at inlet of water desalinations | | Water at outlet of water desalinations | | Water at inlet of evaporative concentration apparatus | Concentrated Water at water desalinations | Water at outlet of evaporative concentration apparatus | | Concentrated waste water at evaporative concentration apparatus | | |
|-----------------------|--|--|---|--|--|---------------------------------------|-------------------|--|-------------------|---|---|--|--------------------------|---|--------------------------|--------------------------|
| | Date of sampling | 06:40 Apr 24 2012 | 06:15 Apr 24 2012 | 06:30 Apr 24 2012 | 06:20 Apr 24 2012 | 06:20 Apr 24 2012 | 07:05 Mar 20 2012 | 06:20 Apr 24 2012 | 07:15 Mar 20 2012 | 06:15 Apr 24 2012 | 09:20 Mar 20 2012 | 06:10 Apr 24 2012 | March 2012 (Not sampled) | April 2012 (Not sampled) | March 2012 (Not sampled) | April 2012 (Not sampled) |
| γNuclide | I-131 (approx.8days) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | - | - | - | - |
| | Cs-134 (approx.2years) | 9.2E+04 | 6.2E+00 | 6.3E+04 | ND | ND | 3.4E+00 | 2.7E+00 | ND | ND | 8.2E+00 | 3.5E+00 | - | - | - | - |
| | Cs-137 (approx.30years) | 1.3E+05 | 8.0E+00 | 8.9E+04 | 7.2E-01 | 8.6E-01 | 6.6E+00 | 3.0E+00 | ND | ND | 8.7E+00 | 5.1E+00 | - | - | - | - |
| | Mn-54 (approx.310days) | ND | 3.2E+00 | ND | 2.8E+00 | 3.0E+00 | 4.0E+00 | 9.8E+00 | ND | ND | 2.4E+01 | 1.9E+01 | - | - | - | - |
| | Co-58(approx.71days) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | - | - | - | - |
| | Co-60 (approx.5yrs) | ND | 8.7E+00 | ND | 5.2E+00 | 4.7E+00 | 7.5E+00 | 7.6E+00 | ND | ND | 8.6E+00 | 6.7E+00 | - | - | - | - |
| | Ru-103 (approx.40days) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | - | - | - | - |
| | Ru-106 (approx.370days) | ND | 5.3E+00 | ND | ND | 3.6E+00 | 1.4E+01 | ND | ND | ND | 3.9E+01 | 6.9E+00 | - | - | - | - |
| | Sb-124 (approx.60days) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | - | - | - | - |
| | Sb-125 (approx.3yrs) | ND | 6.1E+01 | ND | 5.0E+01 | 5.4E+01 | 4.5E+01 | 5.8E+01 | 3.5E-02 | ND | 1.3E+02 | 9.8E+01 | - | - | - | - |
| | Ba-140 (approx.13days) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | - | - | - | - |
| La-140 (approx.40hrs) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | - | - | - | - | |
| H-3 (approx. 12yrs) | - | - | - | - | - | 2.6E+03 | 2.8E+03 | 2.5E+03 | 2.7E+03 | 4.5E+03 | 2.3E+03 | - | - | - | - | |
| All β radiations | - | - | - | - | - | 7.3E+04 | 1.2E+05 | 6.7E+00 | 1.7E+01 | 2.4E+05 | 1.9E+05 | - | - | - | - | |

* O.OE±O has the same meaning as O.O×1 0±O.
 * "ND" means the sampled data is below measurable limit.
 * () means half life period of each nuclide.
 * γNuclide of - sampled on March 20 will be announced at March 26.
 * Regarding and , we conducted no sampling due to suspension of evaporative concentration apparatus