

Nuclides Analysis Result of the Sub-drain Water in the Surroundings of the Central Radioactive Waste Treatment Facility

I-131(Bq/cm³)

| Sampling Location | Jun 15 | Jun 16 | Jun 17 | Jun 18 | Jun 19 | Jun 20 | Jun 21 | Jun 22 | Jun 23 | Jun 24 | Jun 25 | Jun 26 | Jun 27 | Jun 28 | Jun 29 | | | | | | |
|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|--|--|--|--|--|
| ① | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | | | | | |
| ② | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | | | | | |
| ③ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | | | | | |
| ④ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | |
| ⑤ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | | | | | |
| ⑥ | - | ND | - | - | - | - | - | - | ND | - | - | - | - | - | - | | | | | | |
| ⑦ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | | | | | |
| ⑧ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | | | | | |
| ⑨ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | | | | | |

Cs-134(Bq/cm³)

| Sampling Location | Jun 15 | Jun 16 | Jun 17 | Jun 18 | Jun 19 | Jun 20 | Jun 21 | Jun 22 | Jun 23 | Jun 24 | Jun 25 | Jun 26 | Jun 27 | Jun 28 | Jun 29 | | | | | | |
|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|--|--|--|--|--|
| ① | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | | | | | |
| ② | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | | | | | |
| ③ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | | | | | |
| ④ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | |
| ⑤ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | | | | | |
| ⑥ | - | ND | - | - | - | - | - | - | ND | - | - | - | - | - | - | | | | | | |
| ⑦ | 0.028 | 0.034 | 0.03 | 0.037 | 0.028 | 0.025 | 0.02 | 0.028 | 0.028 | 0.028 | 0.022 | 0.018 | 0.018 | 0.018 | 0.017 | | | | | | |
| ⑧ | 0.054 | 0.07 | 0.044 | 0.044 | 0.046 | 0.046 | 0.034 | 0.015 | 0.037 | 0.026 | 0.025 | 0.023 | 0.019 | 0.028 | 0.026 | | | | | | |
| ⑨ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | | | | | |

Cs-137(Bq/cm³)

| Sampling Location | Jun 15 | Jun 16 | Jun 17 | Jun 18 | Jun 19 | Jun 20 | Jun 21 | Jun 22 | Jun 23 | Jun 24 | Jun 25 | Jun 26 | Jun 27 | Jun 28 | Jun 29 | | | | | | |
|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|--|--|--|--|--|
| ① | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | | | | | |
| ② | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | | | | | |
| ③ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | | | | | |
| ④ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | |
| ⑤ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | | | | | |
| ⑥ | - | 0.046 | - | - | - | - | - | - | ND | - | - | - | - | - | - | | | | | | |
| ⑦ | 0.068 | 0.085 | 0.084 | 0.079 | 0.077 | 0.072 | 0.077 | 0.076 | 0.054 | 0.057 | 0.072 | 0.046 | 0.075 | 0.073 | 0.066 | | | | | | |
| ⑧ | 0.14 | 0.16 | 0.13 | 0.12 | 0.11 | 0.095 | 0.11 | 0.079 | 0.074 | 0.077 | 0.073 | 0.076 | 0.072 | 0.065 | 0.063 | | | | | | |
| ⑨ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | | | | | |

- * Hyphen "-" indicates that neither sampling nor measurement was implemented.
- * ⑥ was selected as a sampling location in the upstream of groundwater (sampling done once a week starting from April 29, 2011) since it became unable to do sampling at ④.
- * Sampling at ⑦ (located in the downstream of the groundwater) has been done since May 26, 2011.
- * Sampling at ⑧ since May 30, 2011
- * Sampling at ⑨ has been done since August 2, 2011
- * "ND" indicates that the measurement result is below the detection limit.

I-131: Approx. 0.01Bq/cm³, Cs-134: Approx. 0.01Bq/cm³, Cs-137: Approx. 0.02Bq/cm³ (June 29, 2014)

As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

- <Place of Sampling>
- ① Southeast of Unit 4 Turbine Building
 - ② Northeast of the Process Main Building
 - ③ Southeast of the Process Main Building
 - ④ Southwest of the Process Main Building
 - ⑤ South Part of the Miscellaneous Solid Waste Volume Reduction Treatment Building
 - ⑥ Southwest Part of the On-site Bunker Building
 - ⑦ West Side of the Incineration Workshop Building
 - ⑧ North Part of the Miscellaneous Solid Waste Volume Reduction Treatment Building
 - ⑨ Southeast Part of the On-site Bunker Building