

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

I-131(Bq/cm³)

| Sampling Location | Jul 27 | Jul 28 | Jul 29 | Jul 30 | Jul 31 | Aug 01 | Aug 02 | Aug 03 | Aug 04 | Aug 05 | Aug 06 | Aug 07 | Aug 08 | Aug 09 | Aug 10 | | | | | | |
|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|--|--|--|--|--|
| ① | ND | | | | | | |
| ② | ND | | | | | | |
| ③ | ND | | | | | | |
| ④ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | |
| ⑤ | ND | | | | | | |
| ⑥ | - | ND | - | - | - | - | - | - | ND | - | - | - | - | - | - | | | | | | |
| ⑦ | ND | | | | | | |
| ⑧ | ND | | | | | | |
| ⑨ | ND | | | | | | |

Cs-134(Bq/cm³)

| Sampling Location | Jul 27 | Jul 28 | Jul 29 | Jul 30 | Jul 31 | Aug 01 | Aug 02 | Aug 03 | Aug 04 | Aug 05 | Aug 06 | Aug 07 | Aug 08 | Aug 09 | Aug 10 | | | | | | |
|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|--|--|--|--|--|
| ① | ND | | | | | | |
| ② | ND | | | | | | |
| ③ | ND | | | | | | |
| ④ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | |
| ⑤ | ND | | | | | | |
| ⑥ | - | ND | - | - | - | - | - | - | ND | - | - | - | - | - | - | | | | | | |
| ⑦ | 0.021 | 0.017 | 0.024 | 0.024 | ND | 0.036 | 0.025 | 0.022 | 0.018 | 0.019 | 0.026 | 0.031 | 0.032 | 0.031 | 0.058 | | | | | | |
| ⑧ | ND | ND | 0.014 | ND | 0.015 | ND | 0.016 | ND | | | | | | |
| ⑨ | ND | | | | | | |

Cs-137(Bq/cm³)

| Sampling Location | Jul 27 | Jul 28 | Jul 29 | Jul 30 | Jul 31 | Aug 01 | Aug 02 | Aug 03 | Aug 04 | Aug 05 | Aug 06 | Aug 07 | Aug 08 | Aug 09 | Aug 10 | | | | | | |
|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|--|--|--|--|--|
| ① | ND | | | | | | |
| ② | ND | | | | | | |
| ③ | ND | | | | | | |
| ④ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | |
| ⑤ | ND | | | | | | |
| ⑥ | - | ND | - | - | - | - | - | - | ND | - | - | - | - | - | - | | | | | | |
| ⑦ | 0.086 | 0.067 | 0.07 | 0.072 | 0.057 | 0.1 | 0.078 | 0.076 | 0.06 | 0.078 | 0.092 | 0.093 | 0.13 | 0.094 | 0.12 | | | | | | |
| ⑧ | 0.026 | 0.033 | 0.028 | 0.025 | 0.028 | 0.028 | 0.023 | 0.031 | 0.03 | 0.033 | 0.036 | 0.024 | 0.029 | 0.031 | 0.026 | | | | | | |
| ⑨ | 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 (August 10, 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 |