

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

I-131(Bq/cm³)

| Sampling Location | Apr 27 | Apr 28 | Apr 29 | Apr 30 | May 01 | May 02 | May 03 | May 04 | May 05 | May 06 | May 07 | May 08 | May 09 | May 10 | May 11 | May 12 | | | | | |
|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----|--|--|--|--|
| ① | ND | 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 | ND | | | | | |
| ③ | ND | 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 | ND | | | | | |
| ⑥ | - | ND | - | - | - | - | - | - | ND | - | - | - | - | - | - | - | ND | | | | |
| ⑦ | ND | 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 | ND | | | | | |
| ⑨ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | | | | |

Cs-134(Bq/cm³)

| Sampling Location | Apr 27 | Apr 28 | Apr 29 | Apr 30 | May 01 | May 02 | May 03 | May 04 | May 05 | May 06 | May 07 | May 08 | May 09 | May 10 | May 11 | May 12 | | | | | |
|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----|--|--|--|--|
| ① | ND | 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 | ND | | | | | |
| ③ | ND | 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 | ND | | | | | |
| ⑥ | - | ND | - | - | - | - | - | - | ND | - | - | - | - | - | - | - | ND | | | | |
| ⑦ | 0.029 | 0.038 | 0.027 | 0.025 | 0.029 | 0.03 | 0.027 | 0.031 | 0.033 | 0.028 | 0.027 | 0.02 | 0.033 | 0.056 | 0.024 | 0.042 | | | | | |
| ⑧ | ND | ND | ND | ND | ND | ND | 0.03 | 0.021 | ND | ND | ND | ND | ND | ND | ND | ND | | | | | |
| ⑨ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | | | | |

Cs-137(Bq/cm³)

| Sampling Location | Apr 27 | Apr 28 | Apr 29 | Apr 30 | May 01 | May 02 | May 03 | May 04 | May 05 | May 06 | May 07 | May 08 | May 09 | May 10 | May 11 | May 12 | | | | | |
|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----|--|--|--|--|
| ① | ND | ND | ND | 0.041 | ND | 0.033 | 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 | ND | | | | | |
| ③ | ND | 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 | ND | | | | | |
| ⑥ | - | ND | - | - | - | - | - | - | ND | - | - | - | - | - | - | - | ND | | | | |
| ⑦ | 0.082 | 0.1 | 0.092 | 0.1 | 0.12 | 0.064 | 0.084 | 0.079 | 0.097 | 0.056 | 0.076 | 0.05 | 0.093 | 0.13 | 0.069 | 0.1 | | | | | |
| ⑧ | ND | ND | ND | ND | ND | ND | 0.06 | 0.074 | ND | ND | ND | ND | ND | ND | ND | ND | | | | | |
| ⑨ | ND | 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. 0.008Bq/cm³, Cs-134: Approx. 0.01Bq/cm³, Cs-137: Approx. 0.02Bq/cm³ (May 12, 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 |