

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

I-131(Bq/cm³)

| Sampling Location | After transfer | | | | | | | | | | | | | | | | | | | | |
|-------------------|----------------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--|--|--|--|--|--|
| | Dec 2 | Dec 3 | Dec 4 | Dec 5 | Dec 6 | Dec 7 | Dec 8 | Dec 9 | Dec 10 | Dec 11 | Dec 12 | Dec 13 | Dec 14 | Dec 15 | Dec 16 | | | | | | |
| | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | | | | | |
| | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | | | | | |
| | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | | | | | |
| | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | |
| | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | | | | | |
| | - | ND | - | - | - | - | - | - | ND | - | - | - | - | - | - | | | | | | |
| | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | | | | | |
| | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | | | | | |
| | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | | | | | |

Cs-134(Bq/cm³)

| Sampling Location | | | | | | | | | | | | | | | | | | | | | |
|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--|--|--|--|--|--|
| | Dec 2 | Dec 3 | Dec 4 | Dec 5 | Dec 6 | Dec 7 | Dec 8 | Dec 9 | Dec 10 | Dec 11 | Dec 12 | Dec 13 | Dec 14 | Dec 15 | Dec 16 | | | | | | |
| | ND | ND | ND | ND | ND | ND | ND | 0.028 | 0.018 | ND | ND | ND | ND | ND | ND | | | | | | |
| | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | | | | | |
| | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | | | | | |
| | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | |
| | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | | | | | |
| | - | ND | - | - | - | - | - | - | ND | - | - | - | - | - | - | | | | | | |
| | 0.11 | 0.1 | 0.12 | 0.083 | 0.089 | 0.094 | 0.064 | 0.11 | 0.11 | 0.045 | 0.13 | 0.036 | 0.054 | 0.12 | 0.035 | | | | | | |
| | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.016 | ND | ND | ND | ND | | | | | | |
| | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | | | | | |

Cs-137(Bq/cm³)

| Sampling Location | | | | | | | | | | | | | | | | | | | | | |
|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--|--|--|--|--|--|
| | Dec 2 | Dec 3 | Dec 4 | Dec 5 | Dec 6 | Dec 7 | Dec 8 | Dec 9 | Dec 10 | Dec 11 | Dec 12 | Dec 13 | Dec 14 | Dec 15 | Dec 16 | | | | | | |
| | ND | ND | ND | ND | ND | ND | ND | 0.037 | 0.027 | ND | ND | ND | ND | ND | ND | | | | | | |
| | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | | | | | |
| | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | | | | | |
| | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | |
| | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | | | | | |
| | - | ND | | | | | | | ND | | | | | | | | | | | | |
| | 0.18 | 0.18 | 0.18 | 0.13 | 0.19 | 0.19 | 0.12 | 0.2 | 0.19 | 0.086 | 0.21 | 0.082 | 0.13 | 0.19 | 0.096 | | | | | | |
| | ND | ND | ND | 0.03 | ND | 0.028 | 0.022 | ND | 0.025 | ND | 0.021 | 0.023 | ND | ND | 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.

* 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 .

* Sampling at (located in the downstream of the groundwater) has been done since May 26, 2011.

* Sampling at since May 30, 2011

* Sampling at 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.0.02Bq/cm³, Cs-137: Approx.0.02Bq/cm³ (December 16, 2012)

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

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|---|
| <Place of Sampling> |
| Southeast of Unit 4 Turbine Building |
| Northeast of the Process Main Building |
| Southeast of the Process Main Building |
| Southwest of the Process Main Building |
| South Part of the Miscellaneous Solid Waste Volume Reduction Treatment Building |
| Southwest Part of the On-site Bunker Building |
| West Side of the Incineration Workshop Building |
| North Part of the Miscellaneous Solid Waste Volume Reduction Treatment Building |
| Southeast Part of the On-site Bunker Building |