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Press Release (Apr 09,2013)

Water Leak from the Underground Reservoirs in Fukushima Daiichi Nuclear Power Station (Follow-up Information No.23)

This is follow-up information regarding the water leak from the underground reservoirs at Fukushima Daiichi NPS.

The results of sampling performed in the leakage detection hole (at 2 locations) and the drain hole (at 2 locations) of the underground reservoir No.1 are as follows.

- Water in the leakage detection hole (in the northeast side) of the underground reservoir No.1

Sampling performed at 8:35 AM on April 9

Chloride concentration: 910ppm (previously announced)

Iodine 131: Below the detection limit (1.3×10^{-1} Bq/cm³)

Cesium 134: Below the detection limit (1.8×10^{-1} Bq/cm³)

Cesium 137: Below the detection limit (9.7×10^{-2} Bq/cm³)

Antimony 125: 1.8×10^1 Bq/cm³

Ruthenium 106: 1.2×10^0 Bq/cm³

All β : 1.0×10^4 Bq/cm³

Sampling performed at 1:40 PM on April 9

Chloride concentration: 1100ppm (previously announced)

Iodine 131: Under analysis

Cesium 134: Under analysis

Cesium 137: Under analysis

All β : Under analysis

- Water in the leakage detection hole (in the southwest side) of the underground reservoir No.1

Sampling performed at 8:30 AM on April 9

Chloride concentration: 8ppm (previously announced)

Iodine 131: Below the detection limit (2.8×10^{-2} Bq/cm³)

Cesium 134: Below the detection limit (5.0×10^{-2} Bq/cm³)

Cesium 137: Below the detection limit (6.9×10^{-2} Bq/cm³)

All β : Under analysis

Sampling performed at 1:20 PM on April 9

Chloride concentration: 9ppm (previously announced)

Iodine 131: Under analysis

Cesium 134: Under analysis

Cesium 137: Under analysis

All β : Under analysis

- Water in the drain hole (in the northeast side) of the underground reservoir No.1

Sampling performed at 6:30 AM on April 9

Chloride concentration: 12ppm

Iodine 131: Below the detection limit (2.9×10^{-2} Bq/cm³)

Cesium 134: Below the detection limit (5.0×10^{-2} Bq/cm³)

Cesium 137: Below the detection limit (6.9×10^{-2} Bq/cm³)

All β : Under analysis

- Water in the drain hole (in the southwest side) of the underground reservoir No.1

Sampling performed at 6:30 AM on April 9

Chloride concentration: 7ppm

Iodine 131: Below the detection limit (2.8×10^{-2} Bq/cm³)

Cesium 134: Below the detection limit (5.1×10^{-2} Bq/cm³)

Cesium 137: Below the detection limit (6.8×10^{-2} Bq/cm³)

All β: Under analysis

Please refer to the document on iodine and cesium radioactivity analysis results available in our web page.

URL: <http://www.tepco.co.jp/nu/fukushima-np/f1/smp/index-j.html>

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