

福島第一原子力発電所近傍海域の海水の放射性物質濃度測定結果

(東京電力ホールディングス株の発表をもとに作成^{※1})

試料採取日: 令和4年10月24日

Radioactivity concentration in the seawater near Fukushima Dai-ichi NPP

(Based on the press release of TEPCO^{※1})

Sampling Date: Oct 24, 2022

令和4年11月29日

Nov 29, 2022

| 採取場所 Sampling Point | 採取日 Sampling Date | Cs-134 | Cs-137 | H-3 | 全α (gross α) | 全β ^{※2} (gross β) | Sr-90 | Pu-238 | Pu-239+240 | |
|------------------------|----------------------|---|--------|--------|-----------------|-------------------------------|--------|--------|------------|---|
| | | 放射性物質濃度(Bq/L) Radioactivity concentration (Bq/L) | | | | | | | | |
| T-1 | 2022/7/14 9:10 | 0.0025 | 0.094 | | | | | | | 0 |
| | 2022/7/18 8:16 | < 0.0012 | 0.045 | | | | | | | 0 |
| | 2022/7/25 8:25 | 0.0021 | 0.073 | | | | | | | 0 |
| | 2022/8/1 8:30 | < 0.0012 | 0.023 | < 0.32 | < 1.6 | 10 | 0.0059 | | | 0 |
| | 2022/8/8 8:05 | 0.0036 | 0.14 | | | | | | | 0 |
| | 2022/8/17 8:17 | 0.0024 | 0.092 | | | | | | | 0 |
| | 2022/8/22 8:25 | 0.0021 | 0.076 | | | | | | | 0 |
| | 2022/8/29 8:30 | 0.0019 | 0.083 | | | | | | | 0 |
| | 2022/9/5 8:10 | 0.0020 | 0.078 | 0.89 | < 1.7 | 10 | 0.0063 | | | 0 |
| | 2022/9/12 8:15 | < 0.0012 | 0.029 | | | | | | | 0 |
| | 2022/9/19 8:00 | 0.0031 | 0.13 | | | | | | | 0 |
| | 2022/9/26 8:00 | 0.0035 | 0.14 | | | | | | | 0 |
| | 2022/10/3 8:35 | < 0.0013 | 0.055 | < 0.32 | < 1.8 | 12 | 0.0087 | | | 0 |
| 2022/10/12 8:15 | 0.0023 | 0.071 | | | | | | | 0 | |
| 2022/10/17 8:00 | 0.0012 | 0.044 | | | | | | | 0 | |
| 2022/10/24 8:10 | < 0.0012 | 0.032 | | | | | | | 0 | |
| ※3 T-2 | 2022/7/14 7:40 | 0.0039 | 0.12 | | | | | | | 0 |
| | 2022/7/18 9:00 | 0.012 | 0.44 | | | | | | | 0 |
| | 2022/7/25 9:10 | < 0.0012 | 0.019 | | | | | | | 0 |
| | 2022/8/1 9:15 | 0.0052 | 0.16 | < 0.32 | < 1.6 | 7.0 | 0.0019 | | | 0 |
| | 2022/8/8 9:15 | < 0.0011 | 0.029 | | | | | | | 0 |
| | 2022/8/17 9:15 | < 0.0012 | 0.051 | | | | | | | 0 |
| | 2022/8/22 8:48 | 0.0014 | 0.042 | | | | | | | 0 |
| | 2022/8/29 9:10 | 0.0018 | 0.052 | | | | | | | 0 |
| | 2022/9/5 9:15 | 0.0017 | 0.053 | < 0.33 | < 1.7 | 11 | 0.0018 | | | 0 |
| | 2022/9/12 9:15 | < 0.0012 | 0.033 | | | | | | | 0 |
| | 2022/9/19 8:36 | 0.0020 | 0.095 | | | | | | | 0 |
| | 2022/9/26 9:15 | 0.0017 | 0.076 | | | | | | | 0 |
| | 2022/10/3 7:22 | < 0.0013 | 0.055 | < 0.32 | < 1.8 | 15 | 0.0013 | | | 0 |
| 2022/10/12 8:50 | 0.0044 | 0.18 | | | | | | | 0 | |
| 2022/10/17 8:40 | 0.0017 | 0.065 | | | | | | | 0 | |
| 2022/10/24 8:36 | 0.0019 | 0.075 | | | | | | | 0 | |

0: 上層(表層~2m) Outer Layer

* 太字下線データが今回追加分。

* Boldface and underlined readings are new.

* 「< XX」は放射性物質濃度が検出下限値(XX)未満であることを表す。

* "< XX" means that radioactivity concentration is lower than the detection limit XX.

* 採取場所の緯度経度はURLを参照。(https://radioactivity.nsr.go.jp/ja/contents/17000/16507/view.html)

* Refer to the URL for the latitude and longitude of the sampling points. (https://radioactivity.nsr.go.jp/ja/contents/17000/16507/view.html)

※1 東京電力ホールディングス株の発表 (https://www.tepco.co.jp/decommission/data/analysis/index-j.html)

※1 Press release of TEPCO (https://www.tepco.co.jp/en/nu/fukushima-np/f1/smp/index-e.html)

※2 分析方法: 蒸発乾固法

※2 Analytical method: Evaporation drying method

※3 試料採取作業の安全確保ができないため、令和3年12月17日より採取場所を1~4号機放水口から南側に約1300mの地点に一時的に変更。

※3 Because of ensuring safety in sampling operation, sampling point has been moved to approximately 1300 m south from discharge outlet of Fukushima Dai-ichi NPP (unit 1 to 4) temporarily since Dec. 17, 2021.

参考

reference

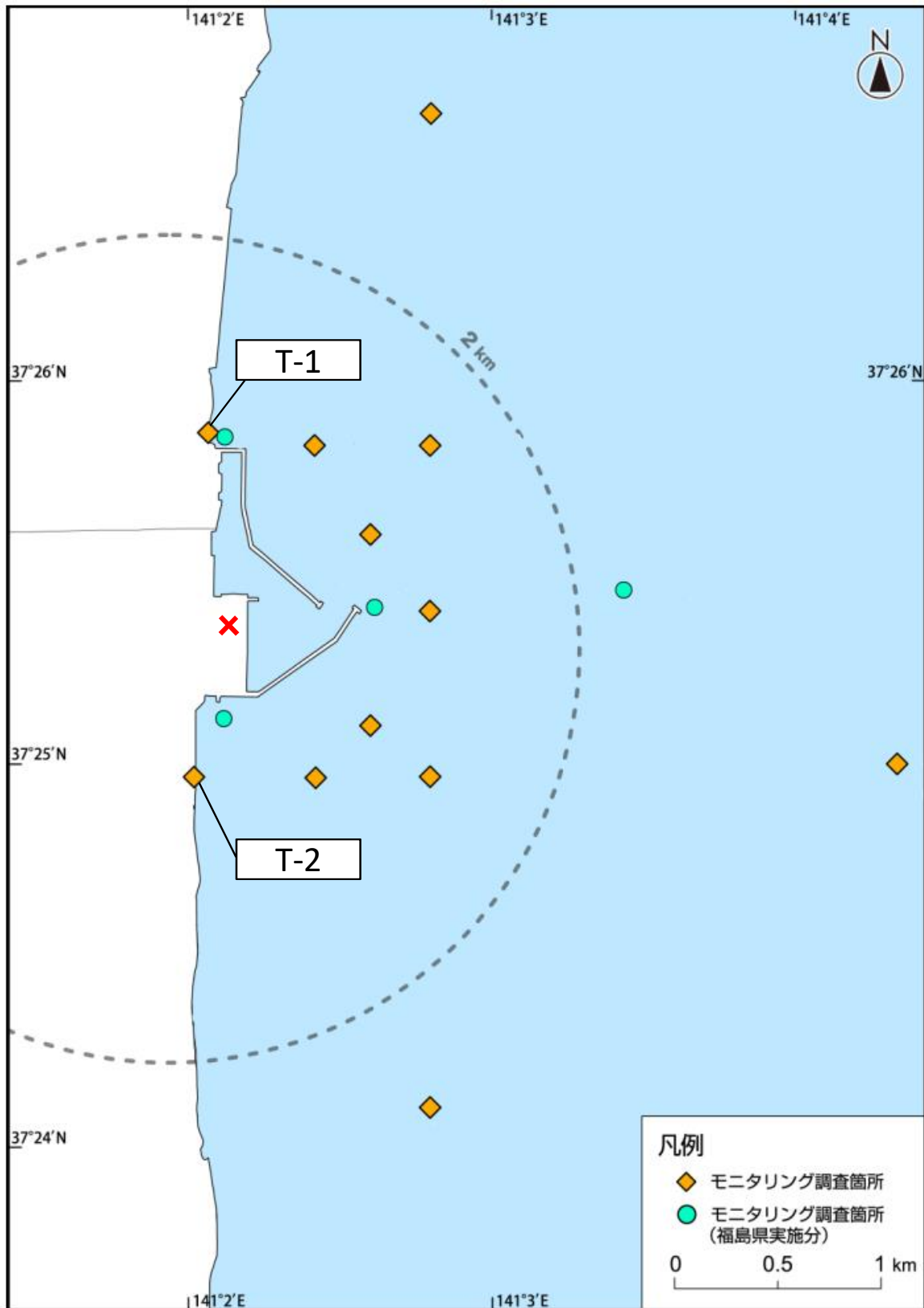
福島第一原発事故以前の海水のモニタリング結果:

(https://radioactivity.nsr.go.jp/ja/contents/9000/8483/24/Beforedisaster.pdf)

Results of radiation monitoring before the accident at TEPCO's Fukushima Dai-ichi NPP Nuclear Power Station.

(https://radioactivity.nsr.go.jp/ja/contents/9000/8483/24/Beforedisaster.pdf)

福島第一原子力発電所近傍海域の海水採取ポイント
(Seawater sampling points near and around Fukushima Dai-ichi NPP)



* 図中の × は東京電力ホールディングス㈱福島第一原子力発電所を示す。

* The mark × indicates the location of TEPCO Fukushima Dai-ichi NPP.