

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<sup>※1</sup>)  
 試料採取日: 令和5年3月6日、20日

Radioactivity concentration in the seawater near Fukushima Dai-ichi NPP  
 (Based on the press release of TEPCO<sup>※1</sup>)  
 Sampling Date: Mar 6, 20, 2023

令和5年4月25日  
 Apr 25, 2023

| 採取場所<br>Sampling Point | 採取日<br>Sampling Date | Cs-134   | Cs-137 | H-3    | 全α<br>(gross α) | 全β <sup>※2</sup><br>(gross β) | Sr-90   | Pu-238 | Pu-239+240 |
|------------------------|----------------------|--|--------|--------|-----------------|-------------------------------|---------|--------|------------|
|                        |                      | 放射性物質濃度 (Bq/L)<br>Radioactivity concentration (Bq/L) |        |        |                 |                               |         |        |            |
| T-1                    | 2022/12/5 8:00       | 0.0031   | 0.11   | 0.45   | < 2.0           | 11                            | 0.013   |        |            |
|                        | 2022/12/12 7:45      | 0.0022   | 0.082  |        |                 |                               |         |        |            |
|                        | 2022/12/19 8:20      | 0.0024   | 0.11   |        |                 |                               |         |        |            |
|                        | 2022/12/26 7:55      | 0.0022   | 0.073  |        |                 |                               |         |        |            |
|                        | 2023/1/2 7:57        | < 0.0012   | 0.060  | < 0.30 | < 2.1           | 8.4                           | 0.0066  |        |            |
|                        | 2023/1/9 7:50        | 0.0022   | 0.10   |        |                 |                               |         |        |            |
|                        | 2023/1/18 7:55       | < 0.0013   | 0.048  |        |                 |                               |         |        |            |
|                        | 2023/1/23 7:35       | < 0.0012   | 0.017  |        |                 |                               |         |        |            |
|                        | 2023/1/30 7:47       | < 0.0012   | 0.026  |        |                 |                               |         |        |            |
|                        | 2023/2/6 8:15        | 0.0017   | 0.051  | 0.55   | < 1.7           | 11                            | 0.0062  |        |            |
|                        | 2023/2/13 7:35       | 0.0022   | 0.081  |        |                 |                               |         |        |            |
|                        | 2023/2/20 7:53       | < 0.0012   | 0.034  |        |                 |                               |         |        |            |
|                        | 2023/2/27 7:56       | < 0.0011   | 0.011  |        |                 |                               |         |        |            |
|                        | 2023/3/6 8:05        | 0.0015   | 0.070  | < 0.31 | < 2.2           | 11                            | 0.010   |        |            |
| 2023/3/13 7:53         | 0.0019               | 0.089  |        |        |                 |                               |         |        |            |
| 2023/3/20 7:37         | <b>0.0026</b>        | <b>0.11</b>  |        |        |                 |                               |         |        |            |
| ※3<br>T-2              | 2022/12/5 8:10       | 0.0023   | 0.084  | < 0.31 | < 2.0           | 6.8                           | 0.0023  |        |            |
|                        | 2022/12/12 8:20      | < 0.0013   | 0.027  |        |                 |                               |         |        |            |
|                        | 2022/12/19 8:26      | < 0.0011   | 0.016  |        |                 |                               |         |        |            |
|                        | 2022/12/26 6:55      | < 0.0012   | 0.035  |        |                 |                               |         |        |            |
|                        | 2023/1/2 8:10        | < 0.0010   | 0.015  | < 0.30 | < 2.1           | 10                            | 0.00066 |        |            |
|                        | 2023/1/9 8:30        | < 0.0014   | 0.012  |        |                 |                               |         |        |            |
|                        | 2023/1/18 8:05       | < 0.0012   | 0.016  |        |                 |                               |         |        |            |
|                        | 2023/1/23 7:20       | < 0.0012   | 0.011  |        |                 |                               |         |        |            |
|                        | 2023/1/30 8:10       | < 0.0011   | 0.0088 |        |                 |                               |         |        |            |
|                        | 2023/2/6 7:45        | < 0.0012   | 0.0080 | < 0.30 | < 1.7           | 12                            | 0.0010  |        |            |
|                        | 2023/2/13 8:35       | < 0.0012   | 0.011  |        |                 |                               |         |        |            |
|                        | 2023/2/20 6:40       | < 0.0011   | 0.011  |        |                 |                               |         |        |            |
|                        | 2023/2/27 7:20       | < 0.0012   | 0.012  |        |                 |                               |         |        |            |
|                        | 2023/3/6 7:26        | < 0.0012   | 0.011  | < 0.31 | < 2.2           | 9.3                           | 0.00079 |        |            |
| 2023/3/13 7:25         | < 0.0011             | 0.019  |        |        |                 |                               |         |        |            |
| 2023/3/20 8:50         | <b>0.0021</b>        | <b>0.11</b>  |        |        |                 |                               |         |        |            |

O: 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

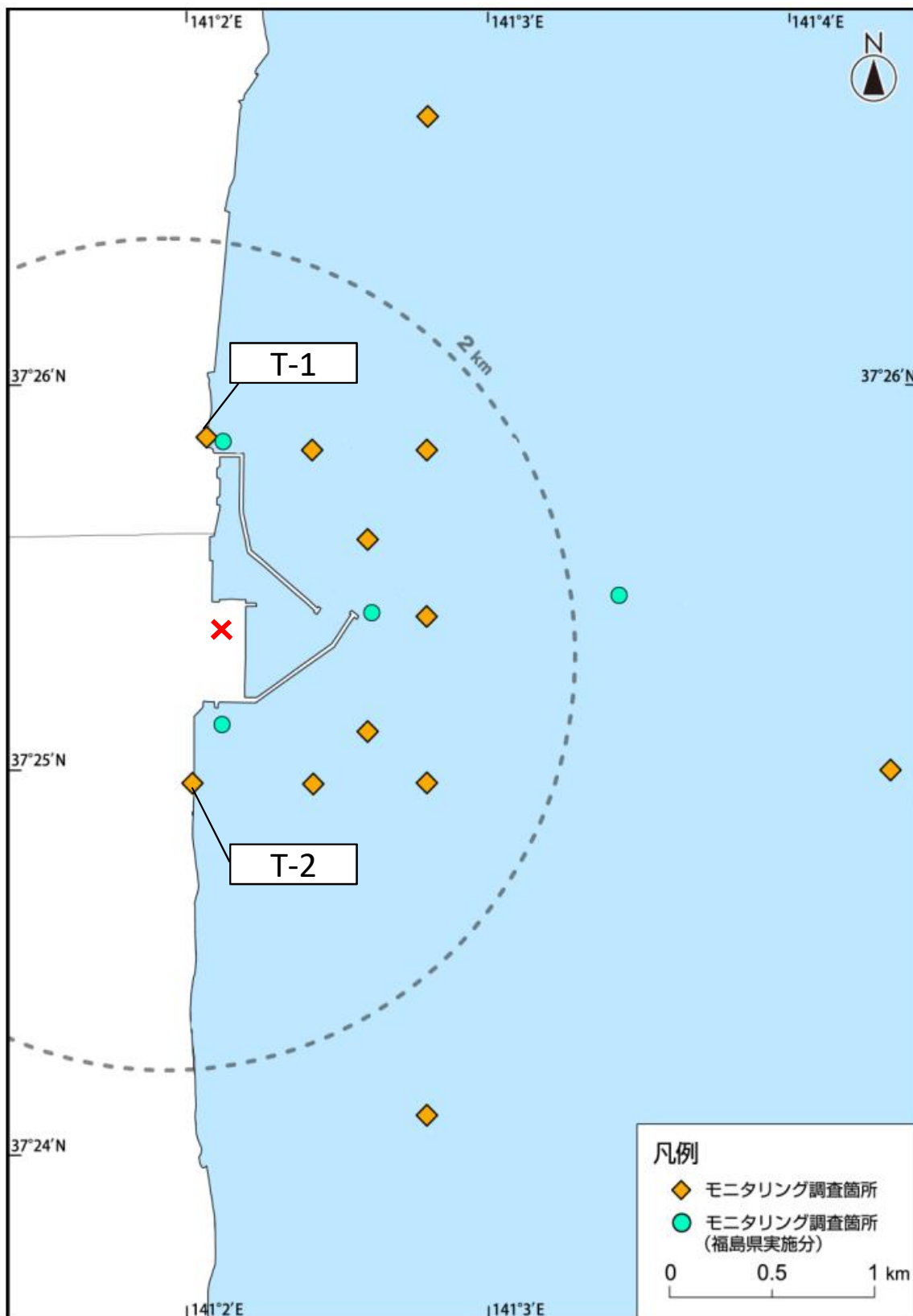
福島第一原発事故以前の海水のモニタリング結果:

(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(株)福島第一原子力発電所を示す。

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