

福島第一原子力発電所沿岸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3年8月23日、31日

Radioactivity concentration in the seawater around Fukushima Dai-ichi NPP
(Based on the press release of TEPCO^{※1})
Sampling Date: Aug 23, 31, 2021

令和3年10月5日
Oct 5, 2021

Cs-134	Cs-137	H-3	全α (gross α)	全β ^{※3} (gross β)	Sr-90	Pu-238	Pu-239+240
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放射性物質濃度 (検出下限値) (Bq/L) (ND^{※2}: 不検出)
Radioactivity concentration (Lower detection limit) (Bq/L) (ND^{※2}: Not Detectable)

	年月日 時刻	Cs-134	Cs-137	H-3	全α (gross α)	全β ^{※3} (gross β)	Sr-90	Pu-238	Pu-239+240	
T-3	2021/5/18 14:55	ND(0.0014)	0.025	ND(0.32)		ND(13)				O
	2021/5/25 14:10	ND(0.0012)	0.017							O
	2021/6/1 10:35	ND(0.0012)	0.020	ND(0.32)		ND(11)				O
	2021/6/8 14:00	ND(0.0013)	0.013							O
	2021/6/15 10:20	ND(0.0012)	0.014	ND(0.29)		ND(13)				O
	2021/6/22 10:30	ND(0.0010)	0.015							O
	2021/6/29 14:05	ND(0.0013)	0.024							O
	2021/7/6 10:50	ND(0.0013)	0.022	ND(0.29)		ND(12)				O
	2021/7/13 14:05	ND(0.0013)	0.025							O
	2021/7/20 10:35	ND(0.0014)	0.021	0.40		ND(14)				O
	2021/7/29 13:50	ND(0.0012)	0.030							O
	2021/8/3 15:10	0.0014	0.028	0.39		ND(13)				O
	2021/8/10 13:50	ND(0.0012)	0.024							O
2021/8/17 10:00	0.0011	0.035	ND(0.30)		ND(14)				O	
2021/8/24 14:05	ND(0.00097)	0.020							O	
2021/8/31 10:50	ND(0.0011)	0.023							O	
T-4	2021/5/18 9:50	ND(0.0013)	0.022							O
	2021/5/25 8:20	ND(0.0011)	0.0086							O
	2021/6/1 8:25	ND(0.0014)	0.010							O
	2021/6/8 8:20	ND(0.0013)	0.013							O
	2021/6/15 8:40	ND(0.0012)	0.0083							O
	2021/6/22 8:40	ND(0.0012)	0.015							O
	2021/6/29 9:00	ND(0.0013)	0.011							O
	2021/7/6 9:00	ND(0.0014)	0.017							O
	2021/7/13 8:55	ND(0.0013)	0.021							O
	2021/7/20 8:40	ND(0.0010)	0.0091							O
	2021/7/29 9:10	0.0012	0.026							O
	2021/8/3 12:30	ND(0.0014)	0.019							O
	2021/8/10 9:30	ND(0.0013)	0.017							O
2021/8/17 8:30	ND(0.0011)	0.025							O	
2021/8/24 9:15	ND(0.0011)	0.011							O	
2021/8/31 8:40	ND(0.00099)	0.0074							O	
T-6	2021/5/18 11:55	ND(0.0014)	0.031	0.34		ND(13)				O
	2021/5/25 10:50	ND(0.0012)	0.0072							O
	2021/6/1 14:10	ND(0.0013)	0.012	ND(0.32)		12				O
	2021/6/8 10:35	ND(0.0014)	0.016							O
	2021/6/15 13:40	ND(0.0012)	0.012	ND(0.29)		ND(13)				O
	2021/6/22 13:35	ND(0.0012)	0.0087							O
	2021/6/29 10:10	ND(0.0013)	0.013							O
	2021/7/6 14:50	ND(0.0012)	0.010	ND(0.29)		ND(12)				O
	2021/7/13 10:30	ND(0.0012)	0.0095							O
	2021/7/20 14:20	ND(0.0011)	0.0098	0.40		ND(14)				O
	2021/7/29 10:30	ND(0.0013)	0.026							O
	2021/8/3 10:30	0.0020	0.051	ND(0.29)		ND(13)				O
	2021/8/10 10:50	0.0017	0.043							O
2021/8/17 13:40	ND(0.0013)	0.018	ND(0.30)		ND(14)				O	
2021/8/24 10:40	ND(0.0012)	0.012							O	
2021/8/31 14:10	ND(0.0011)	0.0089							O	

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.

※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 NDの記載は、海水の放射性物質濃度の検出値が検出下限値を下回る場合。

※2 ND indicates the case that the detected radioactivity concentration in seawater was lower than the detection limits.

※3 分析方法: 蒸発乾固法

※3 Analytical method: Evaporation drying method

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 Daiichi Nuclear Power Station.

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

Cs-134	Cs-137	H-3	全α (gross α)	全β ^{※3} (gross β)	Sr-90	Pu-238	Pu-239+240
放射性物質濃度 (検出下限値) (Bq/L) (ND ^{※2} : 不検出) Radioactivity concentration (Lower detection limit) (Bq/L) (ND ^{※2} : Not Detectable)							

T-5	2021/5/10 7:08	ND(0.0014)	0.0028					O
		ND(0.0014)	0.0020					L
	2021/5/20 7:09	ND(0.0012)	0.0022	ND(0.32)		ND(13)		O
		ND(0.0012)	0.0014					L
	2021/5/24 8:16	ND(0.0013)	0.0024					O
		ND(0.0014)	0.0019					L
	2021/6/1 8:36	ND(0.0011)	0.0033	ND(0.30)	ND(2.1)	ND(14)	0.0011	O
		ND(0.0012)	0.0018					L
	2021/6/7 7:15	ND(0.0013)	0.0029					O
		ND(0.0012)	0.0028					L
	2021/6/14 7:06	ND(0.0012)	0.0024	ND(0.32)		ND(13)		O
		ND(0.0012)	0.0022					L
	2021/6/21 7:01	ND(0.0011)	0.0020					O
		ND(0.0013)	0.0022					L
	2021/6/28 7:14	ND(0.0013)	0.0023					O
		ND(0.0012)	0.0021					L
	2021/7/5 7:10	ND(0.0012)	0.0031	ND(0.29)	ND(2.1)	ND(13)	0.00095	O
		ND(0.0013)	0.0021					L
	2021/7/12 6:40	ND(0.0012)	0.0013					O
		ND(0.0013)	0.0024					L
2021/7/19 7:04	ND(0.0013)	0.0037	ND(0.31)			14	O	
	ND(0.0012)	0.0022					L	
2021/7/30 7:10	ND(0.0013)	0.0040					O	
	ND(0.0012)	0.0020					L	
2021/8/5 7:21	ND(0.0010)	0.0026	ND(0.32)	ND(2.1)	ND(14)	0.00094	O	
	ND(0.0011)	0.0024					L	
2021/8/11 7:14	ND(0.0013)	0.0022					O	
	ND(0.0012)	0.0021					L	
2021/8/17 7:15	ND(0.0013)	0.0021	ND(0.29)			16	O	
	ND(0.0012)	0.0019					L	
2021/8/23 7:26	ND(0.0013)	0.0020					O	
	ND(0.0014)	0.0026					L	

T-D1	2021/5/10 7:48	ND(0.0012)	0.0042					
		ND(0.0014)	0.0056					
	2021/5/19 7:58	ND(0.0012)	0.0038	ND(0.29)			15	
		ND(0.0013)	0.0083					
	2021/5/24 7:54	ND(0.0010)	0.0048					
		ND(0.0010)	0.0049					
	2021/6/1 7:53	ND(0.0012)	0.0032	ND(0.30)	ND(2.1)	ND(14)	0.0010	
		ND(0.0010)	0.0058					
	2021/6/7 7:40	ND(0.0014)	0.0051					
		ND(0.0011)	0.0094					
	2021/6/14 7:45	ND(0.0010)	0.0033	0.40			17	
		ND(0.0012)	0.0033					
	2021/6/21 7:41	ND(0.0013)	0.0069					
		ND(0.0012)	0.0041					
	2021/6/28 7:46	ND(0.0012)	0.0031					
		ND(0.0013)	0.0041					
	2021/7/5 8:01	ND(0.0011)	0.0050	ND(0.29)	ND(2.1)	ND(13)	0.0011	
		ND(0.0012)	0.0055					
	2021/7/12 6:48	ND(0.0011)	0.0028					
		ND(0.0013)	0.019					
2021/7/19 7:39	ND(0.0012)	0.0027	ND(0.31)			ND(13)		
	ND(0.00095)	0.0049						
2021/7/30 7:50	ND(0.0012)	0.013						
	ND(0.0012)	0.0026						
2021/8/2 7:52	ND(0.0012)	0.011	0.39	ND(2.2)	ND(13)	0.00096		
	ND(0.0012)	0.0070						
2021/8/11 7:50	ND(0.0010)	0.0080						
	ND(0.0012)	0.0053						
2021/8/17 8:11	ND(0.0013)	0.0037	ND(0.29)			ND(12)		
	ND(0.0012)	0.0026						
2021/8/23 8:30	ND(0.0013)	0.0032						
	ND(0.0013)	0.0038						

O: 上層 (表層~2m) Outer Layer
L: 下層 (海底より2~3m上) Lower Layer

Cs-134	Cs-137	H-3	全α (gross α)	全β ^{※3} (gross β)	Sr-90	Pu-238	Pu-239+240
放射性物質濃度 (検出下限値) (Bq/L) (ND ^{※2} : 不検出)							
Radioactivity concentration (Lower detection limit) (Bq/L) (ND ^{※2} : Not Detectable)							

T-D5	2021/5/10 8:12	ND(0.0014)	0.0042						O
		ND(0.0011)	0.0045						L
	2021/5/19 8:25	ND(0.0012)	0.0049	0.35	ND(12)				O
		ND(0.0014)	0.0091						L
	2021/5/24 8:21	ND(0.0012)	0.0036						O
		ND(0.0012)	0.0042						L
	2021/6/1 8:23	ND(0.0011)	0.0057	ND(0.30)	ND(2.1)	ND(14)	ND(0.00064)		O
		ND(0.0010)	0.0072						L
	2021/6/7 8:04	ND(0.0011)	0.011						O
		ND(0.0011)	0.010						L
	2021/6/14 8:09	ND(0.0013)	0.0038	ND(0.32)		14			O
		ND(0.0014)	0.0034						L
	2021/6/21 8:10	ND(0.0011)	0.0042						O
		ND(0.0012)	0.0034						L
	2021/6/28 8:11	ND(0.0014)	0.0040						O
		ND(0.0012)	0.0048						L
	2021/7/5 8:35	ND(0.0012)	0.0029	ND(0.29)	ND(2.1)	ND(13)	0.0018		O
		ND(0.0012)	0.0014						L
	2021/7/12 7:14	ND(0.0011)	0.0045						O
		ND(0.0011)	0.0037						L
2021/7/19 8:03	ND(0.0014)	0.010	ND(0.31)		ND(13)			O	
	ND(0.0013)	0.0021						L	
2021/7/30 8:17	ND(0.0013)	0.019						O	
	ND(0.0012)	0.0030						L	
2021/8/2 8:25	ND(0.0013)	0.0081	ND(0.32)	ND(2.2)	ND(13)	0.0017		O	
	ND(0.0013)	0.0039						L	
2021/8/11 8:17	ND(0.0011)	0.0031						O	
	ND(0.0010)	0.0058						L	
2021/8/17 8:43	ND(0.0013)	0.0045	ND(0.29)		ND(12)			O	
	ND(0.0012)	0.0034						L	
2021/8/23 8:56	ND(0.0013)	0.0041						O	
	ND(0.0015)	0.0037						L	

T-D9	2021/5/10 8:05	ND(0.0014)	0.0043						O
		ND(0.0011)	0.0056						L
	2021/5/20 7:58	ND(0.0012)	0.0038	ND(0.32)		ND(13)			O
		ND(0.0012)	0.011						L
	2021/5/24 9:24	ND(0.0013)	0.0064						O
		ND(0.0013)	0.0057						L
	2021/6/1 9:47	ND(0.00098)	0.0044	ND(0.30)	ND(2.1)	ND(14)	ND(0.00082)		O
		ND(0.0010)	0.0050						L
	2021/6/7 8:00	ND(0.0013)	0.0032						O
		ND(0.0014)	0.0069						L
	2021/6/14 7:56	ND(0.0011)	0.0048	ND(0.32)		18			O
		ND(0.0012)	0.0035						L
	2021/6/21 7:48	ND(0.0012)	0.0029						O
		ND(0.0011)	0.0024						L
	2021/6/28 7:59	ND(0.0012)	0.0033						O
		ND(0.0012)	0.0055						L
	2021/7/5 7:59	ND(0.0013)	0.0040	ND(0.29)	ND(2.1)	ND(13)	0.0016		O
		ND(0.0014)	0.0025						L
	2021/7/12 6:04	ND(0.0012)	0.0047						O
		ND(0.0012)	0.0042						L
2021/7/19 7:52	ND(0.0013)	0.0029	ND(0.32)		14			O	
	ND(0.0013)	0.0026						L	
2021/7/30 7:59	ND(0.0010)	0.0061						O	
	ND(0.0012)	0.0048						L	
2021/8/5 8:12	ND(0.0012)	0.0061	ND(0.33)	ND(2.1)	ND(14)	0.0011		O	
	ND(0.0010)	0.0034						L	
2021/8/11 8:01	ND(0.0012)	0.0036						O	
	ND(0.0013)	0.0091						L	
2021/8/17 8:07	ND(0.0012)	0.0040	ND(0.29)		ND(12)			O	
	ND(0.0012)	0.0027						L	
2021/8/23 8:22	ND(0.0012)	0.0034						O	
	ND(0.0012)	0.0030						L	

O: 上層(表層~2m) Outer Layer
 L: 下層(海底より2~3m上) Lower Layer

Cs-134

Cs-137

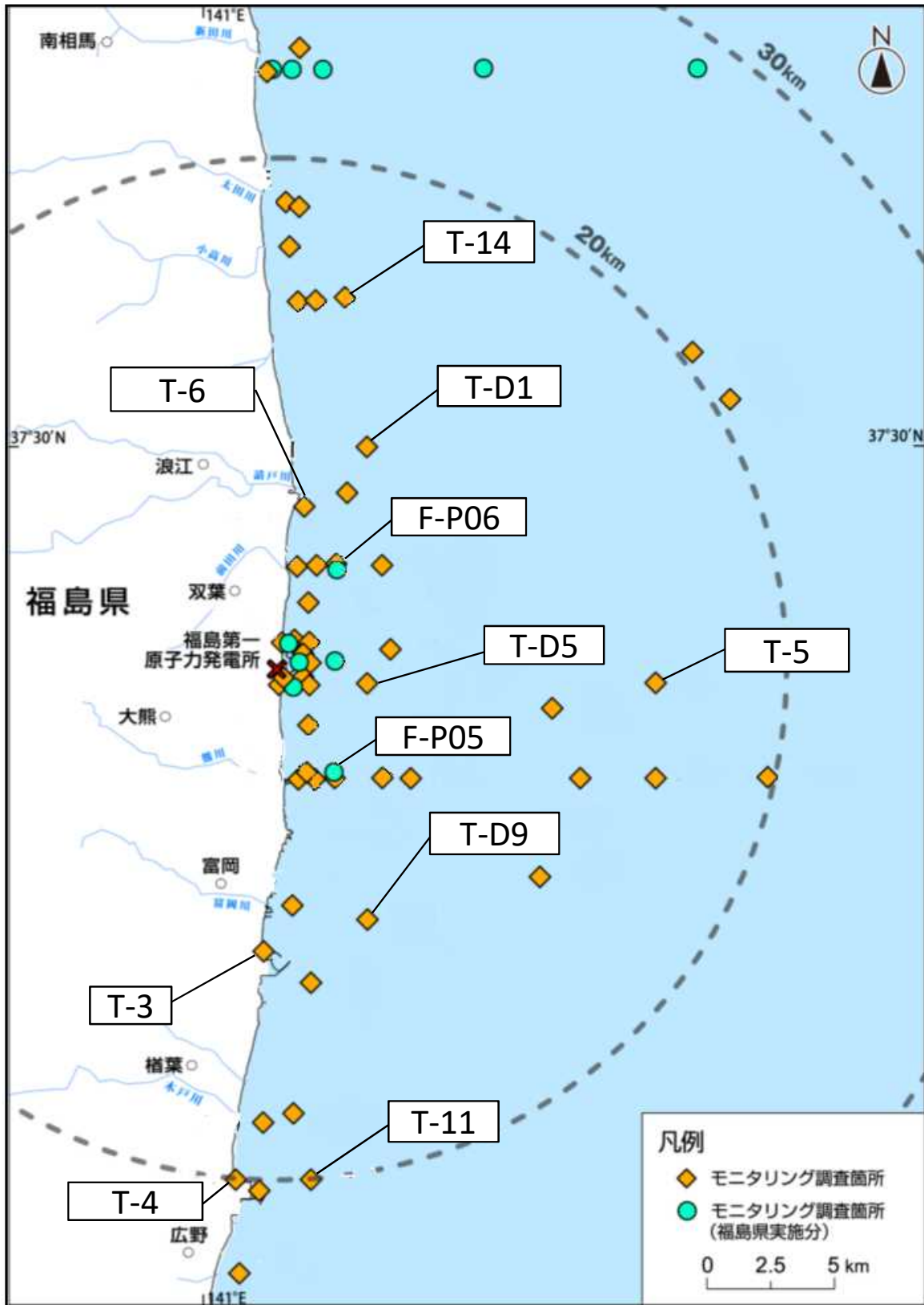
放射性物質濃度 (検出下限値) (Bq/L) (ND※2 : 不検出)
Radioactivity concentration (Lower detection limit) (Bq/L) (ND※2 : Not Detectable)

T-11	2021/5/10 8:45	ND(0.00099)	0.0044	O
		ND(0.0012)	0.0046	L
	2021/5/20 8:29	ND(0.0013)	0.0099	O
		ND(0.0014)	0.0078	L
	2021/5/24 10:06	ND(0.0014)	0.0070	O
		ND(0.0013)	0.0048	L
	2021/6/1 10:30	ND(0.0012)	0.0037	O
		ND(0.0011)	0.0061	L
	2021/6/7 8:26	ND(0.0013)	0.0064	O
		ND(0.0013)	0.017	L
	2021/6/14 8:24	ND(0.0013)	0.0049	O
		ND(0.0014)	0.0039	L
	2021/6/21 8:17	ND(0.0013)	0.0055	O
		ND(0.00098)	0.0033	L
	2021/6/28 8:24	ND(0.0012)	0.0028	O
		ND(0.0014)	0.0043	L
	2021/7/5 8:39	ND(0.0011)	0.0051	O
		ND(0.0012)	0.0042	L
	2021/7/12 5:29	ND(0.0012)	0.0079	O
		ND(0.0012)	0.0045	L
2021/7/19 8:21	ND(0.0012)	0.0029	O	
	ND(0.0013)	0.0032	L	
2021/7/30 8:33	ND(0.0012)	0.0083	O	
	ND(0.0012)	0.0044	L	
2021/8/5 8:48	ND(0.0011)	0.0028	O	
	ND(0.0013)	0.0032	L	
2021/8/11 8:31	ND(0.0013)	0.0040	O	
	ND(0.0014)	0.0049	L	
2021/8/17 8:44	ND(0.0012)	0.011	O	
	ND(0.0011)	0.0045	L	
2021/8/23 8:57	ND(0.0011)	0.0043	O	
	ND(0.0014)	0.0044	L	

T-14	2021/5/10 7:30	ND(0.0015)	0.0029	O
		ND(0.0014)	0.0034	L
	2021/5/19 7:38	ND(0.0012)	0.0044	O
		ND(0.0015)	0.0093	L
	2021/5/24 7:33	ND(0.0016)	0.0041	O
		ND(0.0014)	0.0041	L
	2021/6/1 7:30	ND(0.0015)	0.0034	O
		ND(0.0015)	0.0049	L
	2021/6/7 7:22	ND(0.0018)	0.0029	O
		ND(0.0016)	0.0086	L
	2021/6/14 7:25	ND(0.0015)	0.0034	O
		ND(0.0015)	0.0038	L
	2021/6/21 7:21	ND(0.0013)	0.0053	O
		ND(0.0014)	0.0034	L
	2021/6/28 7:28	ND(0.0014)	0.0027	O
		ND(0.0015)	0.0027	L
	2021/7/5 7:38	ND(0.0014)	0.0028	O
		ND(0.0015)	0.0038	L
	2021/7/12 6:29	ND(0.0014)	0.0044	O
		ND(0.0014)	0.0053	L
2021/7/19 7:22	ND(0.0014)	0.0028	O	
	ND(0.0014)	0.0037	L	
2021/7/30 7:32	ND(0.0014)	0.0040	O	
	ND(0.0014)	0.0071	L	
2021/8/2 7:26	ND(0.0014)	0.0060	O	
	ND(0.0014)	0.0060	L	
2021/8/11 7:31	ND(0.0014)	0.0052	O	
	ND(0.0014)	0.0052	L	
2021/8/17 7:48	ND(0.0014)	0.0022	O	
	ND(0.0014)	0.0062	L	
2021/8/23 8:11	ND(0.0014)	0.0028	O	
	ND(0.0014)	0.0030	L	

O : 上層 (表層~2m) Outer Layer
L : 下層 (海底より2~3m上) Lower Layer

福島第一原子力発電所沿岸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 legend × indicates the location of TEPCO Fukushima Dai-ichi NPP.