From: LIA07 Hoc
Sent: Saturday, April 09, 2011 8:56 PM
To: OST04 Hoc
Subject: FW: IAEA distributed documents
Attachments: No78_info0800_April7_EXTRACT_English.pdf; No79_info1530_April7_EXTRACT_English.pdf; image001.jpg

I have saved them in M. Please print for books.

From: HOO Hoc
Sent: Saturday, April 09, 2011 8:49 AM
To: LIA07 Hoc; OST01 HOC; OST02 HOC; OST03 HOC
Subject: FW: IAEA distributed documents

Headquarters Operations Officer
U.S. Nuclear Regulatory Commission
Phone: 301-816-5100
Fax: 301-816-5151
email: hoo.hoc@nrc.gov
secure e-mail: hoo1@nrc.sgov.gov

From: Kenagy, W David [mailto:KenagyWD@state.gov]
Sent: Saturday, April 09, 2011 6:29 AM
To: Kenagy, W David; vince.mcclelland@nnsa.doe.gov; Rodriguez, Veronica; ann.heinrich@nnsa.doe.gov; HOO Hoc; HQQ2 Hoc; Huffman, William; decair.sara@epamail.epa.gov; timothy.greten@dhs.gov; maria.marinissen@hhs.gov; (b)(6) ;doehqeoc@oem.doe.gov; hhs.soc@hhs.gov; james.kish@dhs.gov; HOO Hoc; Smith, Brooke; Zubarev, Jill E; Shaffer, Mark R; nitops@nnsa.doe.gov; Skypek, Thomas M; (b)(6) clark.ray@epamail.epa.gov; Stern, Warren; DeLaBarre, Robin; Burkart, Alex R; Metz, Patricia J; Fladeboe, Jan P; Withers, Anne M; Lowe, Thomas J; Lewis, Brian M; SES-O_OS; EAP-J-Office-DL; O'Brien, Thomas P; Lane, Charles D; Conlon, John N; Foughty, Michael A; Mahaffey, Charles T; (b)(6) ;Jih, Rongsong; (b)(6) ; Cutler, Kirsten B
Subject: RE: IAEA distributed documents

http://www.itn.pt/pt/pt_main.htm

http://www.nisa.meti.go.jp/english/files/en20110408-1.html

AAAA/531

News Release

Extract

経済産業省
Ministry of Economy, Trade and Industry

April 7, 2011
Nuclear and Industrial Safety Agency

Seismic Damage Information (the 79th Release)
(As of 15:30 April 7th, 2011)

Nuclear and Industrial Safety Agency (NISA) confirmed the current situation of Onagawa NPS, Tohoku Electric Power Co. Inc.; Fukushima Dai-ichi and Fukushima Dai-ni NPSs, Tokyo Electric Power Co. Inc. (TEPCO); Tokai Dai-ni NPS, Japan Atomic Power Co. Inc. as follows:

Major updates are as follows.

1. Nuclear Power Stations (NPSs)

- Fukushima Dai-ichi NPS
  - Fresh water injection (Around 36t) to the Spent Fuel Pool of Unit 2 via the Spent Fuel Pool Cooling Line was carried out. (From 13:39 till 14:34 April 7th)
  - Fresh water spray (Around 70t) for Unit 3 using Concrete Pump Truck (50t/h) was carried out. (From 06:53 till 08:53 April 7th)

For more information:
NISA English Home Page
http://www.nisa.meti.go.jp/english/index.html

News Release

Extract

経済産業省
Ministry of Economy, Trade and Industry

April 7, 2011
Nuclear and Industrial Safety Agency

Seismic Damage Information (the 78th Release)
(As of 08:00 April 7th, 2011)

Nuclear and Industrial Safety Agency (NISA) confirmed the current situation of Onagawa NPS, Tohoku Electric Power Co. Inc.; Fukushima Dai-ichi and Fukushima Dai-ni NPSs, Tokyo Electric Power Co. Inc. (TEPCO); Tokai Dai-ni NPS, Japan Atomic Power Co. Inc. as follows:

Major updates are as follows.

1. Nuclear Power Stations (NPSs)

- Fukushima Dai-ichi NPS

- Aiming at lowering the possibility of hydrogen combustion in the Primary Containment Vessel (PCV) of Unit 1, the operations for the injection of nitrogen to PCV were started. (22:30 April 6th)

- The start of nitrogen injection to PCV of Unit 1 was confirmed. (01:31 April 7th)

- The outflow of the contaminated water from around the Pit for the Conduit near the Inlet Bar Screen of Unit 2 was confirmed to stop. Furthermore, the measurements to stop water by means of rubber board and jig (prop) were implemented at the outflowing point. (Finished at 13:15 April 6th)

- Fresh water spray for Unit 3 using Concrete Pump Truck (50t/h) was started. (06:53 April 7th)

- In the samples of soil (7 samples in total) collected on 25 March (at 4 points) and 28 March (at 3 points) in the site of Fukushima Dai-ichi NPS, ^{238}P (Plutonium), ^{239}P (Plutonium) and ^{240}P (Plutonium) were detected (18:30 April 6th announced by TEPCO). The concentration of the detected plutonium was, in the same as the last one (Announced on 28 March), at the equivalent level of the fallout (radioactive fallout) that was observed in Japan concerning the past atmospheric nuclear testing, i.e. at the equivalent level of the normal condition of environment, and

was not at the level of having harmful influence on human body.

- In order to prevent the outflow of the contaminated water from the exclusive port, the work for stopping water by means of large-sized sandbags was implemented around the seawall on the south side of the NPS. (From 15:00 till 16:30 April 5th)
- The spraying for test scattering of antiscattering agent which prevents the scattering of radioactive materials from the ground was carried out in the area of about 600 m^2 on the mountain-side of the Common Pool. (April 5th, 6th)

<Others>

- On the implementation of the nitrogen injection to PCV of Unit 1, NISA directed TEPCO on the following three points. (12:40 April 6th)
  - Properly control the plant parameters, and take measures appropriately to ensure safety in response to changes in the parameters.
  - Establish and implement an organizational structure and so on that will ensure the safety of the workers who will engage in the operation.
  - As the possibility of leakage of the air in PCV to the outside due to the nitrogen injection cannot be ruled out, through the judicious and further enhanced monitoring, TEPCO shall survey and confirm the impact of the release and spreading of radioactive materials due to the nitrogen injection, and strive to disclose information.

For more information:
NISA English Home Page
http://www.nisa.meti.go.jp/english/index.html

From: HOO Hoc
Sent: Saturday, April 09, 2011 10:23 PM
To: LIA07 Hoc; OST01 HOC; OST02 HOC; OST03 HOC
Subject: FW: Radiation data by MEXT
Attachments: (Japanese)20110409_21.pdf; (Japanese)20110409_22.pdf; (Japanese)20110408_25revised.pdf; (English)20110409_08.pdf; (unofficial)(English)20110409_08with lat_long.pdf; (English)20110409_09.pdf; (English)20110409_10.pdf; (English)20110409_11.pdf; (English)20110409_12.pdf; (English)20110409_13.pdf; (unofficial)(English)20110409_13with lat_long.pdf; (English)20110409_14.pdf; (English)20110409_17.pdf; (English)20110409_18.pdf; (English)20110409_19.pdf; (English)20110409_20.pdf

-----Original Message-----
From: eda@mext.go.jp [mailto:eda@mext.go.jp]
Sent: Saturday, April 09, 2011 10:02 PM
To: (b)(6)

(b)(6)

Subject: Radiation data by MEXT

Dear Sir,

Please see attached the document.
We have revised "(Japanese)20110408_25" we sent you on April 8 in ordert to add the result of group 4.
"(English)20110409_15" and "(English)20110409_16" will be sent later.

AAAA/532

Sincerely yours,
Kei EDA
EOC, Ministry of Education,Culture, Sports, Science & Technology (MEXT), Japan

Reading of environmental radioactivity level by prefecture[Fallout]
(4.8.9AM～4.9.9AM)

2011/4/9 19:00

(MBq/km^2)

	Prefecture	Fallout		
		I－131	Cs－137	備考
1	Hokkaido(Sapporo)	Not Detectable	Not Detectable	
2	Aomori(Aomori)	Not Detectable	Not Detectable	
3	Iwate(Morioka)	Not Detectable	3.3	
4	Miyagi	-	-	Not be measured because of the earthquake disaster damage
5	Akita(Akita)	Not Detectable	Not Detectable	
6	Yamagata(Yamagata)	Not Detectable	170	
7	Fukushima(Fukushima)	-	-	Under Measurement
8	Ibaraki(Hitachinaka)	650	370	
9	Tochigi(Utsunomiya)	-	-	Under Measurement
10	Gunma(Maebashi)	7.8	Not Detectable	
11	Saitama(Saitama)	12	25	
12	Chiba(Ichihara)	16	77	
13	Tokyo(Shinjuku)	8.9	12	
14	Kanagawa(Chigasaki)	Not Detectable	Not Detectable	
15	Niigata(Niigata)	Not Detectable	Not Detectable	
16	Toyama(Imizu)	Not Detectable	Not Detectable	
17	Ishikawa(Kanazawa)	Not Detectable	Not Detectable	
18	Fukui(Fukui)	Not Detectable	Not Detectable	
19	Yamanashi(Kofu)	Not Detectable	Not Detectable	
20	Ngano(Nagano)	Not Detectable	Not Detectable	
21	Gifu(Kakamigahara)	Not Detectable	Not Detectable	
22	Shizuoka(Omaezaki)	Not Detectable	Not Detectable	
23	Aichi(Nagoya)	Not Detectable	Not Detectable	
24	Mie(Yokkaichi)	Not Detectable	Not Detectable	
25	Shiga(Otsu)	Not Detectable	Not Detectable	
26	Kyoto(Kyoto)	Not Detectable	Not Detectable	
27	Osaka(Osaka)	Not Detectable	Not Detectable	
28	Hyogo(Kobe)	Not Detectable	Not Detectable	
29	Nara(Nara)	Not Detectable	Not Detectable	
30	Wakayama(Wakayama)	Not Detectable	Not Detectable	
31	Tottori(Tohhaku)	Not Detectable	Not Detectable	
32	Shimane(Matsue)	Not Detectable	Not Detectable	
33	Okayama(Okayama)	Not Detectable	Not Detectable	
34	Hiroshima(Hiroshima)	Not Detectable	Not Detectable	
35	Yamaguchi(Yamaguchi)	Not Detectable	Not Detectable	
36	Tokushima(Tokushima)	Not Detectable	Not Detectable	
37	Kagawa(Takamatsu)	Not Detectable	Not Detectable	
38	Ehime(Yawatahama)	Not Detectable	Not Detectable	
39	Kochi(Kochi)	Not Detectable	Not Detectable	
40	Fukuoka(Dazaifu)	Not Detectable	Not Detectable	
41	Saga(Saga)	Not Detectable	Not Detectable	
42	Nagasaki(Ohmura)	Not Detectable	Not Detectable	
43	Kumamoto(Uto)	Not Detectable	Not Detectable	
44	Oita(Oita)	Not Detectable	Not Detectable	
45	Miyazaki(Miyazaki)	Not Detectable	Not Detectable	
46	Kagoshima(Kagoshima)	Not Detectable	Not Detectable	
47	Okinawa(Nanjo)	Not Detectable	Not Detectable	

*The table was made by MEXT based on the reports from prefectures

Monitoring data at Ibaraki prefecture (1／1)

MEXT

2011/4/9 13:00

μSv/h

Date	JAEA nuclear science research institute (Tokai-village in Ibaraki-prefecture)	JAEA Nuclear fuel cycle engineering laboratory (Tokai-village in Ibaraki-prefecture)	Yayoi in Tokyo University (Tokai-village in Ibaraki-prefecture)
2011/4/8			
0:00	1.17	0.65	1.00
1:00	1.17	0.65	1.01
2:00	1.17	0.65	1.02
3:00	1.17	0.65	1.02
4:00	1.17	0.65	0.96
5:00	1.17	0.65	0.92
6:00	1.17	0.65	0.99
7:00	1.16	0.65	0.99
8:00	1.16	0.65	0.99
9:00	1.15	0.65	0.95
10:00	1.15	0.65	1.01
11:00	1.15	0.64	1.00
12:00	1.15	0.64	0.99
13:00	1.15	0.65	0.98
14:00	1.15	0.64	0.97
15:00	1.14	0.64	1.01
16:00	1.15	0.64	0.97
17:00	1.14	0.64	1.07
18:00	1.14	0.64	0.92
19:00	1.15	0.64	1.01
20:00	1.14	0.64	1.00
21:00	1.14	0.64	0.90
22:00	1.14	0.64	0.94
23:00	1.14	0.64	0.98
2011/4/9			
0:00	1.14	0.64	1.01
1:00	1.14	0.64	1.06
2:00	1.15	0.64	0.94
3:00	1.14	0.64	1.05
4:00	1.14	0.64	0.86
5:00	1.14	0.64	1.00
6:00	1.14	0.64	0.90
7:00	1.14	0.64	0.99
8:00	1.14	0.64	0.97
9:00	1.13	0.63	0.95
10:00	1.13	0.63	
11:00	1.13	0.63	
12:00	1.13	0.63	

※The readings are measured once every hour from March 24th.

The readings of JAEA nuclear science research institute and JAEA Nuclear fuel cycle engineering laboratory are also put on their websites in below.

JAEA nuclear science research institute
http://erms.jaea.go.jp/Chart.htm

JAEA Nuclear fuel cycle engineering laboratory
http://www.jaea.go.jp/04/ztokai/kankyo/realtime/tbl_10mStPo01.html

Reading of environmental radioactivity level by prefecture

2011.4.9 19:00 (μSv/h)

	Prefecture(City)	4/8							4/9							
		17-18	18-19	19-20	20-21	21-22	22-23	23-24	0-1	1-2	2-3	3-4	4-5	5-6	6-7	Usual Value Band
1	Hokkaido(Sapporo)	0.028	0.028	0.029	0.029	0.029	0.028	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.02～0.105
2	Aomori(Aomori)	0.026	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.017～0.102
3	Iwate(Morioka)	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.026	0.025	0.025	0.026	0.030	0.030	0.014～0.084
4	Miyagi(Sendai)	0.088	0.087	0.087	0.087	0.086	0.087	0.087	0.086	0.086	0.086	0.085	0.086	0.088	0.088	0.0176～0.0513
5	Akita(Akita)	0.035	0.035	0.034	0.035	0.035	0.035	0.036	0.035	0.035	0.036	0.036	0.036	0.036	0.039	0.022～0.086
6	Yamagata(Yamagata)	0.060	0.060	0.059	0.059	0.059	0.059	0.059	0.060	0.060	0.059	0.059	0.060	0.060	0.061	0.025～0.082
7	Fukushima(Fukushima)	2.300	2.300	2.300	2.300	2.200	2.200	2.300	2.200	2.300	2.300	2.200	2.200	2.200	2.200	0.037～0.046
8	Ibaraki(Mito)	0.152	0.152	0.151	0.151	0.151	0.150	0.150	0.150	0.151	0.153	0.152	0.151	0.151	0.153	0.036～0.056
9	Tochigi(Utsunomiya)	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.076	0.075	0.075	0.076	0.077	0.030～0.067
10	Gunma(Maebashi)	0.043	0.042	0.043	0.043	0.043	0.043	0.044	0.044	0.045	0.045	0.045	0.046	0.046	0.045	0.017～0.049
11	Saitama(Saitama)	0.065	0.066	0.066	0.065	0.066	0.065	0.066	0.066	0.065	0.065	0.066	0.066	0.066	0.066	0.031～0.060
12	Chiba(Ichihara)	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.022～0.044
13	Tokyo(Shinjuku)	0.085	0.085	0.084	0.084	0.084	0.084	0.085	0.084	0.085	0.084	0.084	0.084	0.084	0.084	0.028～0.079
14	Kanagawa(Chigasaki)	0.059	0.059	0.059	0.059	0.060	0.059	0.059	0.060	0.059	0.059	0.059	0.060	0.061	0.062	0.035～0.069
15	Niigata(Niigata)	0.055	0.054	0.051	0.048	0.047	0.046	0.047	0.048	0.050	0.050	0.053	0.054	0.053	0.052	0.031～0.153
16	Toyama(Imizu)	0.053	0.053	0.051	0.050	0.049	0.048	0.049	0.051	0.052	0.054	0.054	0.055	0.059	0.059	0.029～0.147
17	Ishikawa(Kanazawa)	0.051	0.051	0.051	0.050	0.048	0.048	0.048	0.049	0.049	0.050	0.051	0.053	0.056	0.058	0.0291～0.1275
18	Fukui(Fukui)	0.050	0.051	0.050	0.048	0.047	0.047	0.047	0.047	0.048	0.048	0.048	0.052	0.057	0.058	0.032～0.097
19	Yamanashi(Kohu)	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.044	0.045	0.040～0.066
20	Nagano(Nagano)	0.043	0.043	0.044	0.043	0.043	0.043	0.043	0.043	0.043	0.044	0.044	0.044	0.044	0.047	0.0299～0.0974
21	Gifu(Kakamigahara)	0.064	0.063	0.064	0.064	0.064	0.065	0.063	0.064	0.065	0.067	0.065	0.067	0.067	0.066	0.057～0.110
22	Shizuoka(Shizuoka)	0.043	0.042	0.041	0.042	0.042	0.041	0.041	0.041	0.043	0.045	0.046	0.046	0.047	0.047	0.0281～0.0765
23	Aichi(Nagoya)	0.040	0.039	0.039	0.040	0.041	0.040	0.040	0.041	0.041	0.042	0.041	0.043	0.042	0.041	0.035～0.074
24	Mie(Yokkaichi)	0.047	0.047	0.046	0.047	0.046	0.046	0.048	0.049	0.048	0.048	0.050	0.050	0.049	0.051	0.0416～0.0789
25	Shiga(Otsu)	0.034	0.035	0.035	0.036	0.036	0.037	0.037	0.037	0.037	0.038	0.039	0.039	0.040	0.040	0.031～0.061
26	Kyoto(Kyoto)	0.040	0.041	0.042	0.042	0.043	0.045	0.045	0.043	0.043	0.043	0.044	0.045	0.047	0.049	0.033～0.087
27	Osaka(Osaka)	0.045	0.045	0.045	0.046	0.046	0.046	0.045	0.046	0.046	0.048	0.048	0.047	0.050	0.050	0.042～0.061
28	Hyogo(Kobe)	0.043	0.043	0.045	0.047	0.046	0.042	0.042	0.042	0.042	0.041	0.041	0.041	0.039	0.038	0.035～0.076
29	Nara(Nara)	0.049	0.049	0.049	0.048	0.049	0.049	0.049	0.049	0.049	0.052	0.054	0.051	0.052	0.055	0.046～0.080
30	Wakayama(Wakayama)	0.036	0.037	0.036	0.035	0.034	0.035	0.034	0.035	0.036	0.035	0.034	0.038	0.043	0.037	0.031～0.056
31	Tottori(Tohhaku)	0.071	0.069	0.070	0.070	0.069	0.068	0.066	0.064	0.064	0.064	0.064	0.065	0.065	0.064	0.036～0.110
32	Shimane(Matsue)	0.051	0.047	0.049	0.052	0.049	0.047	0.046	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.037～0.131
33	Okayama(Okayama)	0.049	0.049	0.049	0.050	0.051	0.050	0.051	0.052	0.053	0.053	0.051	0.049	0.049	0.049	0.043～0.104
34	Hiroshima(Hiroshima)	0.051	0.049	0.047	0.046	0.046	0.046	0.046	0.046	0.047	0.046	0.046	0.047	0.048	0.046	0.035～0.069
35	Yamaguchi(Yamaguchi)	0.091	0.093	0.092	0.091	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.091	0.090	0.090	0.084～0.128
36	Tokushima(Tokushima)	0.037	0.038	0.038	0.037	0.038	0.038	0.038	0.038	0.039	0.039	0.039	0.040	0.040	0.039	0.037～0.067
37	Kagawa(Takamastu)	0.064	0.061	0.060	0.059	0.058	0.061	0.062	0.063	0.065	0.065	0.064	0.066	0.064	0.063	0.051～0.077
38	Ehime(Matsuyama)	0.048	0.047	0.048	0.049	0.050	0.048	0.048	0.048	0.048	0.047	0.048	0.048	0.048	0.048	0.045～0.074
39	Kochi(Kochi)	0.031	0.031	0.030	0.029	0.027	0.027	0.026	0.026	0.027	0.027	0.027	0.027	0.028	0.028	0.019～0.054
40	Fukuoka(Dazaifu)	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.034～0.079
41	Saga(Saga)	0.039	0.039	0.039	0.039	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.037～0.086
42	Nagasaki(Ohmura)	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.030	0.027～0.069
43	Kumamoto(Uto)	0.032	0.029	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.028	0.029	0.028	0.027	0.021～0.067
44	Oita(Oita)	0.052	0.056	0.056	0.052	0.050	0.050	0.050	0.050	0.050	0.050	0.051	0.050	0.050	0.050	0.048～0.085
45	Miyazaki(Miyazaki)	0.026	0.027	0.028	0.027	0.028	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.0243～0.0664
46	Kagoshima(Kagoshima)	0.039	0.038	0.038	0.036	0.035	0.035	0.035	0.035	0.035	0.035	0.036	0.036	0.035	0.036	0.0306～0.0943
47	Okinawa(Uruma)	0.021	0.020	0.020	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.0133～0.0575

*Figures for Miyagi Prefecture are measured by transportable monitoring post.
Moreover, the value of the fixed mount type monitoring post set up in Sendai City is described about the range of the value ordinary of the past.
*In Fukushima Prefecture, the monitoring post in Futaba-gun is located at an evacuated area, since it is difficult to measure, figures were measured in Momijiyama (Fukushima City) as an alternative.
* In Shimane Prefecture, readings are measured by alternative machine from 5pm on April 4 because of setting up the equipment.
*These figures are estimated as 1 μGy/h=1 μSv/h.
*The table was made by MEXT, based on the reports from prefectures.
*Usual value band means a range of the maximum and minimum value observed before the earthquake.

Reading of environmental radioactivity level by prefecture

2011.4.9 19:00

(μSv/h)

	Prefecture(City)	4/9										
		7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	Usual Value Band
1	Hokkaido(Sapporo)	0.029	0.029	0.029	0.029	0.028	0.029	0.028	0.029	0.029	0.029	0.02～0.105
2	Aomori(Aomori)	0.028	0.027	0.027	0.027	0.029	0.035	0.034	0.031	0.028	0.027	0.017～0.102
3	Iwate(Morioka)	0.031	0.031	0.031	0.032	0.031	0.030	0.029	0.027	0.025	0.024	0.014～0.084
4	Miyagi(Sendai)	0.088	0.087	0.088	0.086	0.084	0.084	0.085	0.085	0.085	0.084	0.0176～0.0513
5	Akita(Akita)	0.042	0.041	0.041	0.040	0.041	0.041	0.042	0.039	0.036	0.035	0.022～0.086
6	Yamagata(Yamagata)	0.061	0.060	0.060	0.059	0.059	0.059	0.058	0.057	0.056	0.056	0.025～0.082
7	Fukushima(Fukushima)	2.200	2.200	2.200	2.200	2.200	2.200	2.200				0.037～0.046
8	Ibaraki(Mito)	0.155	0.157	0.155	0.153	0.154	0.152	0.150	0.149	0.149	0.150	0.036～0.056
9	Tochigi(Utsunomiya)	0.077	0.080	0.080	0.080	0.080	0.079	0.077	0.077	0.078	0.077	0.030～0.067
10	Gunma(Maebashi)	0.046	0.045	0.044	0.043	0.043	0.043	0.043	0.044	0.043	0.042	0.017～0.049
11	Saitama(Saitama)	0.065	0.065	0.065	0.065	0.065	0.065	0.065	0.066	0.066	0.066	0.031～0.060
12	Chiba(Ichihara)	0.058	0.059	0.058	0.058	0.059	0.058	0.058	0.058	0.057	0.059	0.022～0.044
13	Tokyo(Shinjuku)	0.084	0.084	0.084	0.085	0.085	0.084	0.084	0.084	0.083	0.083	0.028～0.079
14	Kanagawa(Chigasaki)	0.061	0.060	0.060	0.061	0.061	0.061	0.061	0.059	0.058	0.058	0.035～0.069
15	Niigata(Niigata)	0.052	0.055	0.052	0.054	0.058	0.060	0.057	0.051	0.048	0.046	0.031～0.153
16	Toyama(Imizu)	0.056	0.052	0.051	0.053	0.050	0.048	0.047	0.047	0.047	0.047	0.029～0.147
17	Ishikawa(Kanazawa)	0.058	0.054	0.053	0.051	0.048	0.049	0.048	0.048	0.047	0.047	0.0291～0.1275
18	Fukui(Fukui)	0.055	0.052	0.052	0.050	0.047	0.045	0.045	0.045	0.045	0.045	0.032～0.097
19	Yamanashi(Kohu)	0.045	0.045	0.045	0.044	0.044	0.043	0.043	0.043	0.043	0.043	0.040～0.066
20	Nagano(Nagano)	0.047	0.046	0.045	0.044	0.043	0.045	0.048	0.046	0.043	0.042	0.0299～0.0974
21	Gifu(Kakamigahara)	0.068	0.068	0.064	0.062	0.061	0.061	0.060	0.061	0.060	0.060	0.057～0.110
22	Shizuoka(Shizuoka)	0.048	0.049	0.049	0.048	0.047	0.044	0.043	0.041	0.041	0.040	0.0281～0.0765
23	Aichi(Nagoya)	0.043	0.043	0.041	0.041	0.040	0.039	0.040	0.039	0.039	0.039	0.035～0.074
24	Mie(Yokkaichi)	0.051	0.049	0.047	0.047	0.046	0.046	0.046	0.046	0.046	0.046	0.0416～0.0789
25	Shiga(Otsu)	0.041	0.038	0.035	0.034	0.034	0.034	0.033	0.033	0.032	0.033	0.031～0.061
26	Kyoto(Kyoto)	0.051	0.045	0.040	0.038	0.038	0.038	0.038	0.037	0.038	0.037	0.033～0.087
27	Osaka(Osaka)	0.046	0.046	0.044	0.043	0.042	0.042	0.042	0.042	0.043	0.042	0.042～0.061
28	Hyogo(Kobe)	0.037	0.037	0.038	0.040	0.039	0.037	0.037	0.037	0.037	0.037	0.035～0.076
29	Nara(Nara)	0.055	0.057	0.054	0.050	0.048	0.048	0.047	0.048	0.048	0.047	0.046～0.080
30	Wakayama(Wakayama)	0.033	0.032	0.031	0.032	0.032	0.032	0.032	0.031	0.031	0.032	0.031～0.056
31	Tottori(Tohhaku)	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.036～0.110
32	Shimane(Matsue)	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.037～0.131
33	Okayama(Okayama)	0.050	0.049	0.049	0.049	0.048	0.049	0.049	0.049	0.048	0.048	0.043～0.104
34	Hiroshima(Hiroshima)	0.047	0.046	0.046	0.046	0.046	0.046	0.047	0.047	0.047	0.047	0.035～0.069
35	Yamaguchi(Yamaguchi)	0.091	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.084～0.128
36	Tokushima(Tokushima)	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.037～0.067
37	Kagawa(Takamastu)	0.055	0.057	0.062	0.062	0.054	0.056	0.060	0.059	0.053	0.055	0.051～0.077
38	Ehime(Matsuyama)	0.047	0.048	0.048	0.048	0.048	0.048	0.048	0.047	0.048	0.047	0.045～0.074
39	Kochi(Kochi)	0.027	0.027	0.026	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.019～0.054
40	Fukuoka(Dazaifu)	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.034～0.079
41	Saga(Saga)	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.039	0.039	0.039	0.037～0.086
42	Nagasaki(Ohmura)	0.030	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.027～0.069
43	Kumamoto(Uto)	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.021～0.067
44	Oita(Oita)	0.050	0.050	0.049	0.050	0.050	0.049	0.049	0.049	0.050	0.049	0.048～0.085
45	Miyazaki(Miyazaki)	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.0243～0.0664
46	Kagoshima(Kagoshima)	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.0306～0.0943
47	Okinawa(Uruma)	0.021	0.021	0.021	0.021	0.021	0.020	0.020	0.021	0.021	0.021	0.0133～0.0575

*Figures for Miyagi Prefecture are measured by transportable monitoring post.
Moreover, the value of the fixed mount type monitoring post set up in Sendai City is described about the range of the value ordinary of the past.
*In Fukushima Prefecture, the monitoring post in Futaba-gun is located at an evacuated area, since it is difficult to measure, figures were measured in Momijiyama (Fukushima City) as an alternative.
* In Shimane Prefecture, readings are measured by alternative machine from 5pm on April 4 because of setting up the equipment.
*These figures are estimated as 1 μGy/h=1 μSv/h.
*The table was made by MEXT, based on the reports from prefectures.
*Usual value band means a range of the maximum and minimum value observed before the earthquake.

News Release

Readings at Monitoring Post out of 20 Km Zone of Fukushima Dai-ichi NPP

As of 13:00 April 9, 2011
Ministry of Education, Culture, Sports, Science and Technology (MEXT)

○Monitoring Outputs by MEXT

＊1 measured by Geiger-Müller counter
＊2 measured by ionization chamber type survey meter
＊3 measured by NaI scintillator detector
＊4 variation range of the measuring data in measuring time

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : μSv / h)	Weather	Reading by
Reading Point 【1】 (約60kmNorth/West)	2011/4/9 8:35	0.8 ＊2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【2】 (約55kmNorth/West)	2011/4/9 9:03	3.8 ＊2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【3】 (約45kmNorth/West)	2011/4/9 9:54	3.0 ＊2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【5】 (約45kmNorth)	2011/4/9 10:32	1.1 ＊2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【6】 (約35kmNorth)	2011/4/9 10:49	1.2 ＊2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【7】 (約35kmNorth)	2011/4/9 10:56	1.5 ＊2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【14】 (約35kmWest)	2011/4/9 11:54	0.3 ＊2	Rain	MEXT
Reading Point 【15】 (約35kmWest)	2011/4/9 11:45	1.1 ＊2	Rain	MEXT
Reading Point 【31】 (約30kmWest/North/West)	2011/4/9 10:23	10.7 ＊2	Rain	MEXT
Reading Point 【32】 (約30kmNorth/West)	2011/4/9 10:43	26.1 ＊2	Rain	MEXT
Reading Point 【33】 (約30kmNorth/West)	2011/4/9 10:51	15.3 ＊2	Rain	MEXT
Reading Point 【34】 (約30kmNorth/West)	2011/4/9 9:47	5.1 ＊2	Rain	MEXT
Reading Point 【36】 (約40kmNorth/West)	2011/4/9 11:38	3.1 ＊2	Rain	MEXT
Reading Point 【37】 (約50kmNorth/West)	2011/4/9 9:46	4.0 ＊2	Rain	JAEA (Japan Atomic Energy Agency)

＊1 measured by Geiger–Müller counter
＊2 measured by ionization chamber type survey meter
＊3 measured by NaI scintillator detector
＊4 variation range of the measuring data in measuring time

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : μSv / h)	Weather	Reading by
Reading Point 【38】 (約35kmSouth)	2011/4/9 11:26	0.7 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【39】 (約45kmNorth)	2011/4/9 10:16	1.4 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【74】 (約35kmSouth)	2011/4/9 11:04	0.5 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【75】 (約45kmSouth)	2011/4/9 10:39	0.7 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【76】 (約20kmSouth/West)	2011/4/9 10:50	0.5 *2	Rain	MEXT
Reading Point 【79】 (約30kmNorth/West)	2011/4/9 10:16	12.3 *2	Rain	MEXT
Reading Point 【80】 (約25kmNorth)	2011/4/9 11:24	1.2 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【83】 (約20kmNorth/West)	2011/4/9 10:02	47.5 *2	Rain	MEXT
Reading Point 【84】 (約40kmSouth/West)	2011/4/9 10:03	0.3 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【85】 (約60kmNorth/West)	2011/4/9 6:00	0.2 *2	No Rain	Ministry of Defense
Reading Point 【86】 (約55kmWest)	2011/4/9 6:00	1.2 *2	No Rain	Ministry of Defense
Reading Point 【87】 (約30kmWest/South/West)	2011/4/9 6:00	1.3 *2	Rain	Ministry of Defense
Reading Point【101】(約55kmNorth/West)	2011/4/9 9:25	1.7 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【103】 (約20kmNorth)	2011/4/9 11:45	1.2 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【105】 (約20kmWest)	2011/4/9 11:20	0.4 *2	Rain	MEXT
Reading Point【106】(約30kmSouth/West)	2011/4/9 10:30	0.8 *2	Rain	MEXT

2011.4.9 13:00

(Bq/kg)

	Prefecture (City)	Drinking Water		
		I−131	Cs−134,Cs−137	Remarks
1	Hokkaido(Sapporo City)	Not Detectable	Not Detectable	
2	Aomori(Aomori City)	Not Detectable	Not Detectable	
3	Iwate(Morioka City)	Not Detectable	Not Detectable	
4	Miyagi	-	-	*Refer to the website of Miyagi Pref (http://www.pref.miyagi.jp/genkai/Press/PressH230315.html)
5	Akita(Akita City)	Not Detectable	Not Detectable	
6	Yamagata(Yamagata City)	Not Detectable	Not Detectable	
7	Fukushima	-	-	*Refer to the website of Fukushima Pref (http://www.pref.fukushima.jp/j/index.htm)
8	Ibaraki(Hitachinaka City)	1.2 (Under the reference value)	Not Detectable	
9	Tochigi(Utsunomiya City)	4.8 (Under the reference value)	4.0 (Under the reference value)	
10	Gunma(Maebashi City)	1.0 (Under the reference value)	Not Detectable	
11	Saitama(Saitama City)	0.70 (Under the reference value)	0.51 (Under the reference value)	
12	Chiba(Ichihara City)	Not Detectable	Not Detectable	
13	Tokyo(Shinjuku Ward)	0.89 (Under the reference value)	0.48 (Under the reference value)	
14	Kanagawa(Chigasaki City)	0.79 (Under the reference value)	Not Detectable	
15	Niigata(Niigata City)	0.53 (Under the reference value)	Not Detectable	
16	Toyama(Imizu City)	Not Detectable	Not Detectable	
17	Ishikawa(Kanazawa City)	Not Detectable	Not Detectable	
18	Fukui(Fukui City)	Not Detectable	Not Detectable	
19	Yamanashi(Kofu City)	Not Detectable	Not Detectable	
20	Nagano(Nagano City)	Not Detectable	Not Detectable	
21	Gifu(Kakamigahara City)	Not Detectable	Not Detectable	
22	Shizuoka(Shizuoka City)	Not Detectable	Not Detectable	
23	Aichi(Nagoya City)	Not Detectable	Not Detectable	
24	Mie(Yokkaichi City)	Not Detectable	Not Detectable	
25	Shiga(Otsu City)	Not Detectable	Not Detectable	
26	Kyoto(Kyoto City)	Not Detectable	Not Detectable	
27	Osaka(Osaka City)	Not Detectable	Not Detectable	
28	Hyogo(Kobe City)	Not Detectable	Not Detectable	
29	Nara(Nara City)	Not Detectable	Not Detectable	
30	Wakayama(Wakayama City)	Not Detectable	Not Detectable	
31	Tottori(Tohaku District)	Not Detectable	Not Detectable	
32	Shimane(Matsue City)	Not Detectable	Not Detectable	
33	Okayama(Okayama City)	Not Detectable	Not Detectable	
34	Hiroshima(Hiroshima City)	Not Detectable	Not Detectable	
35	Yamaguchi(Ube City)	Not Detectable	Not Detectable	
36	Tokushima(Tokushima City)	Not Detectable	Not Detectable	
37	Kagawa(Takamatsu City)	Not Detectable	Not Detectable	
38	Ehime(Yawatahama City)	Not Detectable	Not Detectable	
39	Kochi(Kochi City)	Not Detectable	Not Detectable	
40	Fukuoka(Dazaifu City)	Not Detectable	Not Detectable	
41	Saga(Saga City)	Not Detectable	Not Detectable	
42	Nagasaki(Omura City)	Not Detectable	Not Detectable	
43	Kumamoto(Uto City)	Not Detectable	Not Detectable	
44	Oita(Oita City)	Not Detectable	Not Detectable	
45	Miyazaki(Miyazaki City)	Not Detectable	Not Detectable	
46	Kagoshima(Kagoshima City)	Not Detectable	Not Detectable	
47	Okinawa(Naha City)	Not Detectable	Not Detectable	

*These figures are estimated as 1Bq/liter = 1Bq/kg.

*The table was made by MEXT, based on the reports from prefectures.

*"Emergency Preparedness for Nuclear Facilities(The Nuclear Safety Commission of Japan)", The index of drinking water based on the indicator about the restriction of food intake, I−131:More than 300Bq/kg, Cs−137:More than 200Bq/kg

News Release

Readings at Monitoring Post out of 20 Km Zone of Fukushima Dai-ichi NPP

As of 13:00 April 9, 2011
Ministry of Education, Culture, Sports, Science and Technology (MEXT)

○Monitoring Outputs by MEXT

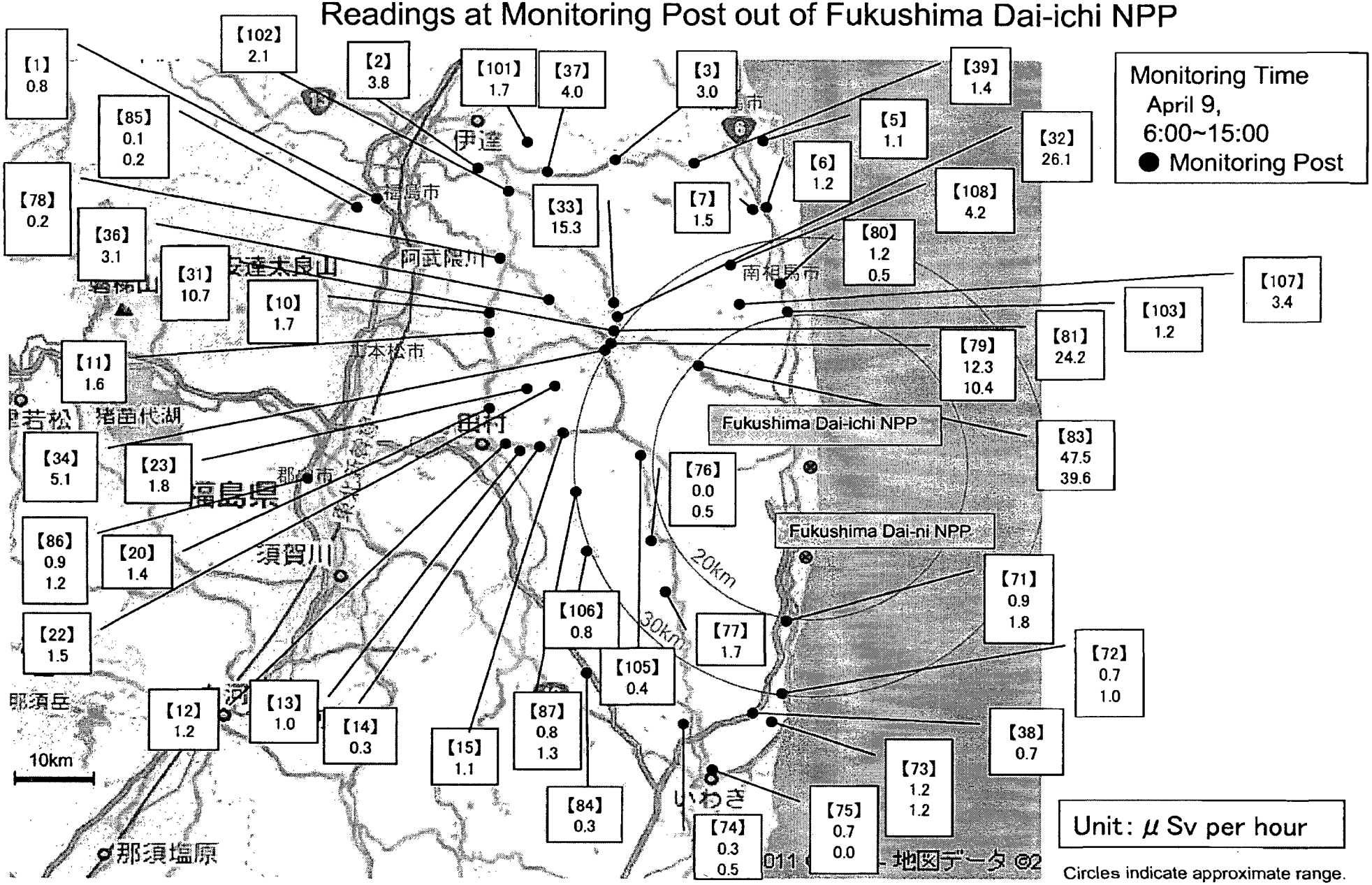
＊1 measured by Geiger-Müller counter
＊2 measured by ionization chamber type survey meter
＊3 measured by NaI scintillator detector
＊4 variation range of the measuring data in measuring time

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : μSv / h)	測定位置	測定位置の備考	Weather	Reading by
Reading Point 【1】 (約60kmNorth/West)	2011/4/9 8:35	0.8 *2	N: 37° 44' 12.6" E: 140° 28' 02.9"	20110330 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【2】 (約55kmNorth/West)	2011/4/9 9:03	3.8 *2	N: 37° 41' 12.7" E: 140° 33' 29.3"	20110330 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【3】 (約45kmNorth/West)	2011/4/9 9:54	3.0 *2	N: 37° 45' 40.5" E: 140° 44' 19.9"	20110330 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【5】 (約45kmNorth)	2011/4/9 10:32	1.1 *2	N: 37° 47' 17.4" E: 140° 55' 59.1"	20110330 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【6】 (約35kmNorth)	2011/4/9 10:49	1.2 *2	N: 37° 42' 09.5" E: 140° 58' 04.6"	20110330 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【7】 (約35kmNorth)	2011/4/9 10:56	1.5 *2	N: 37° 41' 49.0" E: 140° 57' 57.7"	20110330 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【14】 (約35kmWest)	2011/4/9 11:54	0.3 *2	N: 37° 26' 09.4" E: 140° 38' 49.5"	20110330 確認	Rain	MEXT
Reading Point 【15】 (約35kmWest)	2011/4/9 11:45	1.1 *2	N: 37° 26' 54.0" E: 140° 40' 53.2"	20110330 確認	Rain	MEXT
Reading Point 【31】 (約30kmWest/North/West)	2011/4/9 10:23	10.7 *2	N: 37° 33' 03.2" E: 140° 44' 25.0"	20110330 確認	Rain	MEXT
Reading Point 【32】 (約30kmNorth/West)	2011/4/9 10:43	26.1 *2	N: 37° 33' 03.2" E: 140° 44' 25.0"	20110330 確認	Rain	MEXT
Reading Point 【33】 (約30kmNorth/West)	2011/4/9 10:51	15.3 *2	N: 37° 33' 03.2" E: 140° 44' 25.0"	20110330 確認	Rain	MEXT
Reading Point 【34】 (約30kmNorth/West)	2011/4/9 9:47	5.1 *2	N: 37° 33' 03.2" E: 140° 44' 25.0"	20110330 確認	Rain	MEXT
Reading Point 【36】 (約40kmNorth/West)	2011/4/9 11:38	3.1 *2	N: 37° 36' 20.6" E: 140° 37' 58.9"	20110331 確認	Rain	MEXT
Reading Point 【37】 (約50kmNorth/West)	2011/4/9 9:46	4.0 *2	N: 37° 45' 06.7" E: 140° 41' 29.2"	20110402 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【38】 (約35kmSouth)	2011/4/9 11:26	0.7 *2	N: 37° 07' 18.4" E: 140° 57' 03.8"	20110401 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【39】 (約45kmNorth)	2011/4/9 10:16	1.4 *2	N: 37° 45' 52.7" E: 140° 51' 47.1"	20110402 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【74】 (約35kmSouth)	2011/4/9 11:04	0.5 *2	N: 37° 33' 03.2" E: 140° 44' 25.0"	20110330 確認	Rain	JAEA (Japan Atomic Energy Agency)

＊1 measured by Geiger–Müller counter
＊2 measured by ionization chamber type survey meter
＊3 measured by NaI scintillator detector
＊4 variation range of the measuring data in measuring time

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : μSv / h)	測定位置	測定位置の備考	Weather	Reading by
ding Point 【75】 (約45kmSouth)	2011/4/9 10:39	0.7 ＊2	N: 37° 33′ 03.2″ E: 140° 44′ 25.0″	20110330 確認	Rain	JAEA (Japan Atomic Energy Agency)
ding Point 【76】 (約20kmSouth/West)	2011/4/9 10:50	0.5 ＊2	N: 37° 20′ 25.3″ E: 140° 48′ 25.7″	20110402 確認	Rain	MEXT
ding Point 【79】 (約30kmNorth/West)	2011/4/9 10:16	12.3 ＊2	N: 37° 33′ 03.2″ E: 140° 44′ 25.0″	20110330 確認	Rain	MEXT
ding Point 【80】 (約25kmNorth)	2011/4/9 11:24	1.2 ＊2	N: 37° 33′ 22.2″ E: 140° 45′ 46.9″	20110323 確認	Rain	JAEA (Japan Atomic Energy Agency)
ding Point 【83】 (約20kmNorth/West)	2011/4/9 10:02	47.5 ＊2	N: 37° 33′ 03.2″ E: 140° 44′ 25.0″	20110330 確認	Rain	MEXT
ding Point 【84】 (約40kmSouth/West)	2011/4/9 10:03	0.3 ＊2	N: 37° 33′ 03.2″ E: 140° 44′ 25.0″	20110330 確認	Rain	JAEA (Japan Atomic Energy Agency)
ding Point 【85】 (約60kmNorth/West)	2011/4/9 6:00	0.2 ＊2	N: 37° 42′ 45.0″ E: 140° 22′ 59.0″	20110330 確認	No Rain	Ministry of Defense
ding Point 【86】 (約55kmWest)	2011/4/9 6:00	1.2 ＊2	N: 37° 23′ 57.0″ E: 140° 19′ 35.0″	20110330 確認	No Rain	Ministry of Defense
ding Point 【87】 (約30kmWest/South/West)	2011/4/9 6:00	1.3 ＊2	N: 37° 21′ 42.0″ E: 140° 42′ 54.0″	20110330 確認	Rain	Ministry of Defense
ding Point【101】(約55kmNorth/West)	2011/4/9 9:25	1.7 ＊2	N: 37° 23′ 48.0″ E: 140° 21′ 50.7″	20110404 確認	Rain	JAEA (Japan Atomic Energy Agency)
ding Point【103】 (約20kmNorth)	2011/4/9 11:45	1.2 ＊2	N: 37° 23′ 48.0″ E: 140° 21′ 50.7″	20110404 確認	Rain	JAEA (Japan Atomic Energy Agency)
ding Point【105】 (約20kmWest)	2011/4/9 11:20	0.4 ＊2	N: 37° 23′ 48.0″ E: 140° 21′ 50.7″	20110404 確認	Rain	MEXT
ding Point【106】(約30kmSouth/West)	2011/4/9 10:30	0.8 ＊2	N: 37° 23′ 48.0″ E: 140° 21′ 50.7″	20110404 確認	Rain	MEXT

Readings at Monitoring Post out of Fukushima Dai-ichi NPP



News Release

Readings at Monitoring Post out of 20 Km Zone of Fukushima Dai-ichi NPP

As of 16:00 April 9, 2011
Ministry of Education, Culture, Sports, Science and Technology (MEXT)

○Monitoring Outputs by MEXT　　*Boldface and underlined readings are new.

＊1 measured by Geiger-Müller counter
＊2 measured by ionization chamber type survey meter
＊3 measured by NaI scintillator detector
＊4 variation range of the measuring data in measuring time

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : μSv / h)	Weather	Reading by
Reading Point 【1】 (About60kmNorth/West)	2011/4/9 8:35	0.8 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【2】 (About55kmNorth/West)	2011/4/9 9:03	3.8 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【3】 (About45kmNorth/West)	2011/4/9 9:54	3.0 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【5】 (About45kmNorth)	2011/4/9 10:32	1.1 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【6】 (About35kmNorth)	2011/4/9 10:49	1.2 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【7】 (About35kmNorth)	2011/4/9 10:56	1.5 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【10】 (About40kmNorth/West)	**2011/4/9 14:54**	**1.7 *2**	**No Rain**	**MEXT**
Reading Point 【11】 (About40kmNorth/West)	**2011/4/9 14:41**	**1.6 *2**	**Rain**	**MEXT**
Reading Point 【12】 (About40kmWest)	**2011/4/9 12:15**	**1.2 *2**	**Rain**	**MEXT**
Reading Point 【13】 (About40kmWest)	**2011/4/9 12:04**	**1.0 *2**	**Rain**	**MEXT**
Reading Point 【14】 (About35kmWest)	2011/4/9 11:54	0.3 *2	Rain	MEXT
Reading Point 【15】 (About35kmWest)	2011/4/9 11:45	1.1 *2	Rain	MEXT
Reading Point 【20】 (About45kmNorth/West)	**2011/4/9 12:39**	**1.4 *2**	**Rain**	**MEXT**
Reading Point 【22】 (About35kmWest/North/West)	**2011/4/9 12:55**	**1.5 *2**	**Rain**	**MEXT**

＊1 measured by Geiger-Müller counter
＊2 measured by ionization chamber type survey meter
＊3 measured by NaI scintillator detector
＊4 variation range of the measuring data in measuring time

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : μSv / h)	Weather	Reading by
Reading Point【23】(About35kmWest/North/West)	2011/4/9 12:48	1.8 *2	Rain	MEXT
Reading Point【31】(About30kmWest/North/West)	2011/4/9 10:23	10.7 *2	Rain	MEXT
Reading Point【32】(About30kmNorth/West)	2011/4/9 10:43	26.1 *2	Rain	MEXT
Reading Point【33】(About30kmNorth/West)	2011/4/9 10:51	15.3 *2	Rain	MEXT
Reading Point【34】(About30kmNorth/West)	2011/4/9 9:47	5.1 *2	Rain	MEXT
Reading Point【36】(About40kmNorth/West)	2011/4/9 11:38	3.1 *2	Rain	MEXT
Reading Point【37】(About50kmNorth/West)	2011/4/9 9:46	4.0 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【38】(About35kmSouth)	2011/4/9 11:26	0.7 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【39】(About45kmNorth)	2011/4/9 10:16	1.4 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【71】(About25kmSouth)	2011/4/9 12:43	0.9 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【71】(About25kmSouth)	2011/4/9 8:03	1.8 *2	Rain	Police (counter NBC operations unit)
Reading Point【72】(About30kmSouth)	2011/4/9 12:30	0.7 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【72】(About30kmSouth)	2011/4/9 8:36	1.0 *2	Rain	Police (counter NBC operations unit)
Reading Point【73】(About35kmSouth)	2011/4/9 12:11	1.2 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【73】(About35kmSouth)	2011/4/9 9:01	1.2 *2	Rain	Police (counter NBC operations unit)
Reading Point【74】(About35kmSouth)	2011/4/9 12:53	0.3 *2	Rain	Police (counter NBC operations unit)
Reading Point【74】(About35kmSouth)	2011/4/9 11:04	0.5 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【75】(About45kmSouth)	2011/4/9 10:39	0.7 *2	Rain	JAEA (Japan Atomic Energy Agency)

＊1 measured by Geiger-Müller counter
＊2 measured by ionization chamber type survey meter
＊3 measured by NaI scintillator detector
＊4 variation range of the measuring data in measuring time

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : μSv / h)	Weather	Reading by
Reading Point 【75】 (About45kmSouth)	2011/4/9 7:13	0.0 ＊2	Rain	Police (counter NBC operations unit)
Reading Point 【76】 (About20kmSouth/West)	2011/4/9 11:41	0.0 ＊2	Rain	Police (counter NBC operations unit)
Reading Point 【76】 (About20kmSouth/West)	2011/4/9 10:50	0.5 ＊2	Rain	MEXT
Reading Point 【77】 (About25kmSouth/West)	2011/4/9 12:01	1.7 ＊2	Rain	Police (counter NBC operations unit)
Reading Point 【78】 (About45kmNorth/West)	2011/4/9 8:00	0.2 ＊2	Rain	Police (counter NBC operations unit)
Reading Point 【79】 (About30kmNorth/West)	2011/4/9 10:16	12.3 ＊2	Rain	MEXT
Reading Point 【79】 (About30kmNorth/West)	2011/4/9 8:49	10.4 ＊2	Rain	Police (counter NBC operations unit)
Reading Point 【80】 (About25kmNorth)	2011/4/9 11:24	1.2 ＊2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【80】 (About25kmNorth)	2011/4/9 11:05	0.5 ＊2	Rain	Police (counter NBC operations unit)
Reading Point 【81】 (About30kmNorth/West)	2011/4/9 8:41	24.2 ＊2	Rain	Police (counter NBC operations unit)
Reading Point 【83】 (About20kmNorth/West)	2011/4/9 10:02	47.5 ＊2	Rain	MEXT
Reading Point 【83】 (About20kmNorth/West)	2011/4/9 9:04	39.6 ＊2	Rain	Police (counter NBC operations unit)
Reading Point 【84】 (About40kmSouth/West)	2011/4/9 10:03	0.3 ＊2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【85】 (About60kmNorth/West)	2011/4/9 14:00	0.1 ＊2	No Rain	Ministory of Defence
Reading Point 【85】 (About60kmNorth/West)	2011/4/9 6:00	0.2 ＊2	No Rain	Ministory of Defence
Reading Point 【86】 (About55kmWest)	2011/4/9 14:00	0.9 ＊2	Rain	Ministory of Defence
Reading Point 【86】 (About55kmWest)	2011/4/9 6:00	1.2 ＊2	No Rain	Ministory of Defence
Reading Point 【87】 (About30kmWest/South/West)	2011/4/9 14:00	0.8 ＊2	Rain	Ministory of Defence

＊1 measured by Geiger-Müller counter
＊2 measured by ionization chamber type survey meter
＊3 measured by NaI scintillator detector
＊4 variation range of the measuring data in measuring time

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : μSv / h)	Weather	Reading by
Reading Point【87】(About30kmWest/South/West)	2011/4/9 6:00	1.3 *2	Rain	Ministory of Defence
Reading Point【101】(About55kmNorth/West)	2011/4/9 9:25	1.7 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【102】(About50kmNorth/West)	2011/4/9 13:33	2.1 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【103】(About20kmNorth)	2011/4/9 11:45	1.2 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【105】(About20kmWest)	2011/4/9 11:20	0.4 *2	Rain	MEXT
Reading Point【106】(About30kmSouth/West)	2011/4/9 10:30	0.8 *2	Rain	MEXT
Reading Point【107】(About25kmNorth/North/West)	2011/4/9 12:05	3.4 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【108】(About30kmNorth/North/West)	2011/4/9 12:43	4.2 *2	Rain	JAEA (Japan Atomic Energy Agency)

2011.4.9 13:00

Reading of environmental radioactivity level by prefecture

(μSv/h)

	Prefecture(City)	4/8															
		9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Usual Value Band
1	Hokkaido(Sapporo)	0.030	0.030	0.029	0.029	0.029	0.029	0.028	0.028	0.028	0.028	0.029	0.029	0.029	0.028	0.029	0.02～0.105
2	Aomori(Aomori)	0.034	0.035	0.036	0.036	0.032	0.028	0.027	0.026	0.026	0.027	0.027	0.027	0.027	0.027	0.027	0.017～0.102
3	Iwate(Morioka)	0.026	0.027	0.027	0.028	0.031	0.030	0.028	0.026	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.014～0.084
4	Miyagi(Sendai)	0.080	0.083	0.091	0.090	0.089	0.088	0.088	0.088	0.088	0.087	0.087	0.087	0.086	0.087	0.087	0.0176～0.0513
5	Akita(Akita)	0.042	0.041	0.042	0.043	0.041	0.040	0.039	0.036	0.035	0.035	0.034	0.035	0.035	0.035	0.036	0.022～0.086
6	Yamagata(Yamagata)	0.060	0.060	0.059	0.059	0.060	0.060	0.060	0.059	0.060	0.060	0.059	0.059	0.059	0.059	0.059	0.025～0.082
7	Fukushima(Fukushima)	2.200	2.300	2.300	2.300	2.300	2.300	2.200	2.300	2.300	2.300	2.300	2.300	2.200	2.200	2.300	0.037～0.046
8	Ibaraki(Mito)	0.153	0.154	0.154	0.154	0.154	0.153	0.152	0.152	0.152	0.152	0.151	0.151	0.151	0.150	0.150	0.036～0.056
9	Tochigi(Utsunomiya)	0.076	0.076	0.076	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.030～0.067
10	Gunma(Maebashi)	0.044	0.044	0.044	0.043	0.043	0.043	0.043	0.043	0.043	0.042	0.043	0.043	0.043	0.043	0.044	0.017～0.045
11	Saitama(Saitama)	0.066	0.066	0.066	0.066	0.066	0.065	0.065	0.065	0.065	0.066	0.066	0.065	0.066	0.065	0.066	0.031～0.060
12	Chiba(Ishihara)	0.058	0.058	0.058	0.057	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.022～0.044
13	Tokyo(Shinjuku)	0.085	0.085	0.085	0.085	0.085	0.085	0.085	0.084	0.085	0.085	0.084	0.084	0.084	0.084	0.085	0.028～0.079
14	Kanagawa(Chigasaki)	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.060	0.059	0.059	0.035～0.069
15	Niigata(Niigata)	0.048	0.048	0.050	0.056	0.056	0.061	0.060	0.057	0.055	0.054	0.051	0.048	0.047	0.046	0.047	0.031～0.153
16	Toyama(Imizu)	0.048	0.048	0.051	0.052	0.054	0.058	0.057	0.053	0.053	0.053	0.051	0.050	0.049	0.048	0.049	0.029～0.147
17	Ishikawa(Kanazawa)	0.049	0.048	0.048	0.048	0.049	0.049	0.050	0.052	0.051	0.051	0.051	0.050	0.048	0.048	0.048	0.0291～0.1275
18	Fukui(Fukui)	0.048	0.048	0.048	0.048	0.048	0.049	0.049	0.049	0.050	0.051	0.050	0.048	0.047	0.047	0.047	0.032～0.097
19	Yamanashi(Kohu)	0.043	0.043	0.042	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.040～0.064
20	Nagano(Nagano)	0.043	0.043	0.043	0.043	0.044	0.044	0.044	0.044	0.043	0.043	0.044	0.043	0.043	0.043	0.043	0.0299～0.0974
21	Gifu(Kakamigahara)	0.060	0.063	0.064	0.065	0.064	0.064	0.064	0.063	0.064	0.063	0.064	0.064	0.064	0.065	0.063	0.057～0.110
22	Shizuoka(Shizuoka)	0.042	0.042	0.043	0.042	0.042	0.041	0.042	0.043	0.043	0.042	0.041	0.042	0.042	0.041	0.041	0.0281～0.0765
23	Aichi(Nagoya)	0.038	0.039	0.040	0.042	0.043	0.042	0.041	0.041	0.040	0.039	0.039	0.040	0.041	0.040	0.040	0.035～0.074
24	Mie(Yokkaichi)	0.046	0.047	0.048	0.048	0.048	0.048	0.048	0.047	0.047	0.047	0.046	0.047	0.046	0.046	0.048	0.0416～0.0789
25	Shiga(Otsu)	0.034	0.035	0.036	0.036	0.036	0.035	0.034	0.034	0.034	0.035	0.035	0.036	0.036	0.037	0.037	0.031～0.061
26	Kyoto(Kyoto)	0.038	0.040	0.043	0.043	0.042	0.041	0.040	0.040	0.040	0.041	0.042	0.042	0.043	0.045	0.045	0.033～0.087
27	Osaka(Osaka)	0.042	0.044	0.046	0.047	0.046	0.046	0.045	0.045	0.045	0.045	0.045	0.046	0.046	0.046	0.045	0.042～0.081
28	Hyogo(Kobe)	0.038	0.039	0.040	0.043	0.042	0.041	0.040	0.042	0.043	0.043	0.045	0.047	0.046	0.042	0.042	0.035～0.076
29	Nara(Nara)	0.048	0.048	0.050	0.050	0.050	0.049	0.049	0.048	0.049	0.049	0.049	0.048	0.049	0.049	0.049	0.046～0.08
30	Wakayama(Wakayama)	0.031	0.032	0.034	0.034	0.035	0.033	0.034	0.035	0.036	0.037	0.036	0.035	0.034	0.035	0.034	0.031～0.056
31	Tottori(Tohhaku)	0.064	0.064	0.065	0.065	0.066	0.066	0.066	0.071	0.071	0.069	0.070	0.070	0.069	0.068	0.066	0.036～0.11
32	Shimane(Matsue)	0.051	0.050	0.055	0.055	0.056	0.061	0.061	0.057	0.051	0.047	0.049	0.052	0.049	0.047	0.046	0.037～0.131
33	Okayama(Okayama)	0.052	0.054	0.053	0.051	0.050	0.051	0.050	0.049	0.049	0.049	0.049	0.050	0.051	0.050	0.051	0.043～0.104
34	Hiroshima(Hiroshima)	0.048	0.049	0.049	0.049	0.049	0.049	0.052	0.053	0.051	0.049	0.047	0.046	0.046	0.046	0.046	0.035～0.069
35	Yamaguchi(Yamaguchi)	0.096	0.097	0.097	0.096	0.094	0.098	0.098	0.093	0.091	0.093	0.092	0.091	0.090	0.090	0.090	0.084～0.128
36	Tokushima(Tokushima)	0.037	0.037	0.037	0.038	0.037	0.037	0.037	0.038	0.037	0.038	0.038	0.037	0.038	0.038	0.038	0.037～0.067
37	Kagawa(Takamastu)	0.055	0.056	0.058	0.057	0.057	0.057	0.057	0.057	0.064	0.061	0.060	0.059	0.058	0.061	0.062	0.051～0.077
38	Ehime(Matsuyama)	0.047	0.047	0.048	0.048	0.048	0.048	0.048	0.049	0.048	0.047	0.048	0.049	0.050	0.048	0.048	0.045～0.074
39	Kochi(Kochi)	0.026	0.027	0.030	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.030	0.029	0.027	0.027	0.026	0.023～0.076
40	Fukuoka(Dazaifu)	0.041	0.041	0.043	0.046	0.048	0.043	0.039	0.037	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.034～0.079
41	Saga(Saga)	0.051	0.050	0.051	0.051	0.049	0.042	0.040	0.039	0.039	0.039	0.039	0.039	0.040	0.040	0.040	0.037～0.086
42	Nagasaki(Ohmura)	0.036	0.039	0.043	0.043	0.035	0.030	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.027～0.069
43	Kumamoto(Uto)	0.032	0.033	0.034	0.033	0.033	0.036	0.038	0.034	0.032	0.029	0.027	0.027	0.027	0.027	0.027	0.021～0.067
44	Oita(Oita)	0.049	0.049	0.049	0.050	0.051	0.051	0.050	0.050	0.052	0.056	0.056	0.052	0.050	0.050	0.050	0.048～0.085
45	Miyazaki(Miyazaki)	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.027	0.026	0.027	0.028	0.027	0.028	0.027	0.027	0.0243～0.0664
46	Kagoshima(Kagoshima)	0.038	0.039	0.038	0.040	0.040	0.038	0.038	0.038	0.039	0.038	0.038	0.036	0.035	0.035	0.035	0.0306～0.0943
47	Okinawa(Uruma)	0.020	0.021	0.021	0.020	0.021	0.021	0.021	0.021	0.021	0.020	0.020	0.021	0.021	0.021	0.021	0.0133～0.0575

*Figures for Miyagi Prefecture are measured by transportable monitoring post.

*Refer to other title "Readings at Monitoring Post out of 20 Km Zone of Fukushima Dai-ichi NPP" for the datas in Fukushima. It could not be measured by Monitoring Post since the radiation level around it is so high.

* In Shimane Prefecture, readings are measured by alternative machine from 5pm on April 4 because of setting up the equipment.

*Blanks are caused by device maintenance, but the area was measured by Monitoring Posts.

*These figures are estimated as 1μGy/h=1μSv/h.

*The table was made by MEXT, based on the reports from prefectures.

Reading of environmental radioactivity level by prefecture

2011.4.9 13:00

(μSv/h)

	Prefecture(City)	4/9									
		0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	Usual Value Band
1	Hokkaido(Sapporo)	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.02～0.105
2	Aomori(Aomori)	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.028	0.027	0.017～0.102
3	Iwate(Morioka)	0.025	0.026	0.025	0.025	0.026	0.030	0.030	0.031	0.031	0.014～0.084
4	Miyagi(Sendai)	0.086	0.086	0.086	0.085	0.086	0.088	0.088	0.088	0.087	0.0176～0.0513
5	Akita(Akita)	0.035	0.035	0.036	0.036	0.036	0.036	0.039	0.042	0.041	0.022～0.086
6	Yamagata(Yamagata)	0.060	0.060	0.059	0.059	0.060	0.060	0.061	0.061	0.060	0.025～0.082
7	Fukushima(Fukushima)	2.200	2.300	2.300	2.200	2.200	2.200	2.200	2.200	2.200	0.037～0.046
8	Ibaraki(Mito)	0.150	0.151	0.153	0.152	0.151	0.151	0.153	0.155	0.157	0.036～0.056
9	Tochigi(Utsunomiya)	0.075	0.075	0.076	0.075	0.075	0.076	0.077	0.077	0.080	0.030～0.067
10	Gunma(Maebashi)	0.044	0.045	0.045	0.045	0.046	0.046	0.045	0.046	0.045	0.017～0.045
11	Saitama(Saitama)	0.066	0.065	0.065	0.066	0.066	0.066	0.066	0.065	0.065	0.031～0.060
12	Chiba(Ishihara)	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.059	0.022～0.044
13	Tokyo(Shinjuku)	0.084	0.085	0.084	0.084	0.084	0.084	0.084	0.084	0.084	0.028～0.079
14	Kanagawa(Chigasaki)	0.060	0.059	0.059	0.059	0.060	0.061	0.062	0.061	0.060	0.035～0.069
15	Niigata(Niigata)	0.048	0.050	0.050	0.053	0.054	0.053	0.052	0.052	0.055	0.031～0.153
16	Toyama(Imizu)	0.051	0.052	0.054	0.054	0.055	0.059	0.059	0.056	0.052	0.029～0.147
17	Ishikawa(Kanazawa)	0.049	0.049	0.050	0.051	0.053	0.056	0.058	0.058	0.054	0.0291～0.1275
18	Fukui(Fukui)	0.047	0.048	0.048	0.048	0.052	0.057	0.058	0.055	0.052	0.032～0.097
19	Yamanashi(Kohu)	0.043	0.043	0.043	0.043	0.043	0.044	0.045	0.045	0.045	0.040～0.064
20	Nagano(Nagano)	0.043	0.043	0.044	0.044	0.044	0.044	0.047	0.047	0.046	0.0299～0.0974
21	Gifu(Kakamigahara)	0.064	0.065	0.067	0.065	0.067	0.067	0.066	0.066	0.066	0.057～0.110
22	Shizuoka(Shizuoka)	0.041	0.043	0.045	0.046	0.046	0.047	0.047	0.048	0.049	0.0281～0.0765
23	Aichi(Nagoya)	0.041	0.041	0.042	0.041	0.043	0.042	0.041	0.043	0.043	0.035～0.074
24	Mie(Yokkaichi)	0.049	0.048	0.048	0.050	0.050	0.049	0.051	0.051	0.049	0.0416～0.0789
25	Shiga(Otsu)	0.037	0.037	0.038	0.039	0.039	0.040	0.040	0.041	0.038	0.031～0.061
26	Kyoto(Kyoto)	0.043	0.043	0.043	0.044	0.045	0.047	0.049	0.051	0.045	0.033～0.087
27	Osaka(Osaka)	0.046	0.046	0.048	0.048	0.047	0.050	0.050	0.046	0.046	0.042～0.061
28	Hyogo(Kobe)	0.042	0.042	0.041	0.041	0.041	0.039	0.038	0.037	0.037	0.035～0.076
29	Nara(Nara)	0.049	0.049	0.052	0.054	0.051	0.052	0.055	0.055	0.057	0.046～0.08
30	Wakayama(Wakayama)	0.035	0.036	0.035	0.034	0.038	0.043	0.037	0.033	0.032	0.031～0.056
31	Tottori(Tohhaku)	0.064	0.064	0.064	0.064	0.065	0.065	0.064	0.063	0.063	0.036～0.11
32	Shimane(Matsue)	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.037～0.131
33	Okayama(Okayama)	0.052	0.053	0.053	0.051	0.049	0.049	0.049	0.050	0.049	0.043～0.104
34	Hiroshima(Hiroshima)	0.046	0.047	0.046	0.046	0.047	0.048	0.046	0.047	0.046	0.035～0.069
35	Yamaguchi(Yamaguchi)	0.090	0.090	0.090	0.090	0.091	0.090	0.090	0.091	0.090	0.084～0.128
36	Tokushima(Tokushima)	0.038	0.039	0.039	0.039	0.040	0.040	0.039	0.038	0.038	0.037～0.067
37	Kagawa(Takamastu)	0.063	0.065	0.065	0.064	0.066	0.064	0.063	0.055	0.057	0.051～0.077
38	Ehime(Matsuyama)	0.048	0.048	0.047	0.048	0.048	0.048	0.048	0.047	0.048	0.045～0.074
39	Kochi(Kochi)	0.026	0.027	0.027	0.027	0.027	0.028	0.028	0.027	0.027	0.023～0.076
40	Fukuoka(Dazaifu)	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.034～0.079
41	Saga(Saga)	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.037～0.086
42	Nagasaki(Ohmura)	0.029	0.029	0.029	0.029	0.029	0.029	0.030	0.030	0.029	0.027～0.069
43	Kumamoto(Uto)	0.027	0.027	0.027	0.028	0.029	0.028	0.027	0.027	0.027	0.021～0.067
44	Oita(Oita)	0.050	0.050	0.050	0.051	0.050	0.050	0.050	0.050	0.050	0.048～0.085
45	Miyazaki(Miyazaki)	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.0243～0.0664
46	Kagoshima(Kagoshima)	0.035	0.035	0.035	0.036	0.036	0.035	0.036	0.035	0.035	0.0306～0.0943
47	Okinawa(Uruma)	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.0133～0.0575

*Figures for Miyagi Prefecture are measured by transportable monitoring post.

*Refer to other title "Readings at Monitoring Post out of 20 Km Zone of Fukushima Dai-ichi NPP" for the datas in Fukushima.
It could not be measured by Monitoring Post since the radiation level around it is so high.

* In Shimane Prefecture, readings are measured by alternative machine from 5pm on April 4 because of setting up the equipment.

*Blanks are caused by device maintenance, but the area was measured by Monitoring Posts.

*These figures are estimated as 1μGy/h=1μSv/h.

*The table was made by MEXT, based on the reports from prefectures.

News Release

Readings at Monitoring Post out of 20 Km Zone of Fukushima Dai-ichi NPP

As of 16:00 April 9, 2011
Ministry of Education, Culture, Sports, Science and Technology (MEX

○Monitoring Outputs by MEXT　　*Boldface and underlined readings are new.

＊1 measured by Geiger-Müller counter
＊2 measured by ionization chamber type survey meter
＊3 measured by NaI scintillator detector
＊4 variation range of the measuring data in measuring time

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : μSv / h)	測定位置	測定位置の備考	Weather	Reading by
Reading Point 【1】 (About60kmNorth/West)	2011/4/9 8:35	0.8 *2	N: 37° 44' 12.6" E: 140° 28' 02.9"	20110330 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【2】 (About55kmNorth/West)	2011/4/9 9:03	3.8 *2	N: 37° 41' 12.7" E: 140° 33' 29.3"	20110330 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【3】 (About45kmNorth/West)	2011/4/9 9:54	3.0 *2	N: 37° 45' 40.5" E: 140° 44' 19.9"	20110330 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【5】 (About45kmNorth)	2011/4/9 10:32	1.1 *2	N: 37° 47' 17.4" E: 140° 55' 59.1"	20110330 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【6】 (About35kmNorth)	2011/4/9 10:49	1.2 *2	N: 37° 42' 09.5" E: 140° 58' 04.6"	20110330 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【7】 (About35kmNorth)	2011/4/9 10:56	1.5 *2	N: 37° 41' 49.0" E: 140° 57' 57.7"	20110330 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【10】 (About40kmNorth/West)	**2011/4/9 14:54**	**1.7 *2**	**N: 37° 36' 02.9" E: 140° 35' 07.3"**	**20110403 確認**	**No Rain**	**MEXT**
Reading Point 【11】 (About40kmNorth/West)	**2011/4/9 14:41**	**1.6 *2**	**N: 37° 34' 00.0" E: 140° 34' 48.0"**	**20110330 確認**	**Rain**	**MEXT**
Reading Point 【12】 (About40kmWest)	**2011/4/9 12:15**	**1.2 *2**	**N: 37° 25' 53.6" E: 140° 35' 44.2"**	**20110330 確認**	**Rain**	**MEXT**
Reading Point 【13】 (About40kmWest)	**2011/4/9 12:04**	**1.0 *2**	**N: 37° 26' 21.5" E: 140° 37' 20.7"**	**20110330 確認**	**Rain**	**MEXT**
Reading Point 【14】 (About35kmWest)	2011/4/9 11:54	0.3 *2	N: 37° 26' 09.4" E: 140° 38' 49.5"	20110330 確認	Rain	MEXT
Reading Point 【15】 (About35kmWest)	2011/4/9 11:45	1.1 *2	N: 37° 26' 54.0" E: 140° 40' 53.2"	20110330 確認	Rain	MEXT
Reading Point 【20】 (About45kmNorth/West)	**2011/4/9 12:39**	**1.4 *2**	**N: 37° 29' 24.2" E: 140° 34' 54.2"**	**20110330 確認**	**Rain**	**MEXT**
Reading Point 【22】 (About35kmWest/North/West)	**2011/4/9 12:55**	**1.5 *2**	**N: 37° 30' 41.3" E: 140° 39' 28.8"**	**20110330 確認**	**Rain**	**MEXT**
Reading Point 【23】 (About35kmWest/North/West)	**2011/4/9 12:48**	**1.8 *2**	**N: 37° 30' 18.9" E: 140° 34' 40.6"**	**20110330 確認**	**Rain**	**MEXT**
Reading Point 【31】 (About30kmWest/North/West)	2011/4/9 10:23	10.7 *2	N: 37° 33' 03.2" E: 140° 44' 25.0"	20110330 確認	Rain	MEXT
Reading Point 【32】 (About30kmNorth/West)	2011/4/9 10:43	26.1 *2	N: 37° 33' 03.2" E: 140° 44' 25.0"	20110330 確認	Rain	MEXT
Reading Point 【33】 (About30kmNorth/West)	2011/4/9 10:51	15.3 *2	N: 37° 33' 03.2" E: 140° 44' 25.0"	20110330 確認	Rain	MEXT

＊1 measured by Geiger-Müller counter
＊2 measured by ionization chamber type survey meter
＊3 measured by NaI scintillator detector
＊4 variation range of the measuring data in measuring time

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : μSv / h)	測定位置	測定位置の備考	Weather	Reading by
Reading Point【34】 (About30kmNorth/West)	2011/4/9 9:47	5.1 ＊2	N: 37° 33' 03.2" E: 140° 44' 25.0"	20110330 確認	Rain	MEXT
Reading Point【36】 (About40kmNorth/West)	2011/4/9 11:38	3.1 ＊2	N: 37° 36' 20.6" E: 140° 37' 58.9"	20110331 確認	Rain	MEXT
Reading Point【37】 (About50kmNorth/West)	2011/4/9 9:46	4.0 ＊2	N: 37° 45' 06.7" E: 140° 41' 29.2"	20110402 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【38】 (About35kmSouth)	2011/4/9 11:26	0.7 ＊2	N: 37° 07' 18.4" E: 140° 57' 03.8"	20110401 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【39】 (About45kmNorth)	2011/4/9 10:16	1.4 ＊2	N: 37° 45' 52.7" E: 140° 51' 47.1"	20110402 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【71】 (About25kmSouth)	2011/4/9 12:43	0.9 ＊2	N: 37° 12' 32.4" E: 140° 57' 08.2"	20110323 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【71】 (About25kmSouth)	2011/4/9 8:03	1.8 ＊2	N: 37° 12' 32.4" E: 140° 57' 08.2"	20110323 確認	Rain	Police (counter NBC operations unit)
Reading Point【72】 (About30kmSouth)	2011/4/9 12:30	0.7 ＊2			Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【72】 (About30kmSouth)	2011/4/9 8:36	1.0 ＊2			Rain	Police (counter NBC operations unit)
Reading Point【73】 (About35kmSouth)	2011/4/9 12:11	1.2 ＊2			Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【73】 (About35kmSouth)	2011/4/9 9:01	1.2 ＊2			Rain	Police (counter NBC operations unit)
Reading Point【74】 (About35kmSouth)	2011/4/9 12:53	0.3 ＊2			Rain	Police (counter NBC operations unit)
Reading Point【74】 (About35kmSouth)	2011/4/9 11:04	0.5 ＊2			Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【75】 (About45kmSouth)	2011/4/9 10:39	0.7 ＊2	N: 37° 33' 03.2" E: 140° 44' 25.0"	20110330 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【75】 (About45kmSouth)	2011/4/9 7:13	0.0 ＊2			Rain	Police (counter NBC operations unit)
Reading Point【76】 (About20kmSouth/West)	2011/4/9 11:41	0.0 ＊2	N: 37° 20' 25.3" E: 140° 48' 25.7"	20110402 確認	Rain	Police (counter NBC operations unit)
Reading Point【76】 (About20kmSouth/West)	2011/4/9 10:50	0.5 ＊2	N: 37° 20' 25.3" E: 140° 48' 25.7"	20110402 確認	Rain	MEXT
Reading Point【77】 (About25kmSouth/West)	2011/4/9 12:01	1.7 ＊2			Rain	Police (counter NBC operations unit)
Reading Point【78】 (About45kmNorth/West)	2011/4/9 8:00	0.2 ＊2			Rain	Police (counter NBC operations unit)
Reading Point【79】 (About30kmNorth/West)	2011/4/9 10:16	12.3 ＊2	N: 37° 33' 03.2" E: 140° 44' 25.0"	20110330 確認	Rain	MEXT
Reading Point【79】 (About30kmNorth/West)	2011/4/9 8:49	10.4 ＊2	N: 37° 33' 22.2" E: 140° 45' 46.9"	20110323 確認	Rain	Police (counter NBC operations unit)
Reading Point【80】 (About25kmNorth)	2011/4/9 11:24	1.2 ＊2	N: 37° 33' 22.2" E: 140° 45' 46.9"	20110323 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【80】 (About25kmNorth)	2011/4/9 11:05	0.5 ＊2			Rain	Police (counter NBC operations unit)

＊1 measured by Geiger–Müller counter
＊2 measured by ionization chamber type survey meter
＊3 measured by NaI scintillator detector
＊4 variation range of the measuring data in measuring time

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : μSv / h)	測定位置	測定位置の備考	Weather	Reading by
[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
Reading Point 【81】 (About30kmNorth/West)	2011/4/9 8:41	24.2 ＊2			Rain	Police (counter NBC operations unit)
Reading Point 【83】 (About20kmNorth/West)	2011/4/9 10:02	47.5 ＊2	N: 37° 33' 03.2" E: 140° 44' 25.0"	20110330 確認	Rain	MEXT
Reading Point 【83】 (About20kmNorth/West)	2011/4/9 9:04	39.6 ＊2	N: 37° 33' 03.2" E: 140° 44' 25.0"	20110330 確認	Rain	Police (counter NBC operations unit)
Reading Point 【84】 (About40kmSouth/West)	2011/4/9 10:03	0.3 ＊2	N: 37° 33' 03.2" E: 140° 44' 25.0"	20110330 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【85】 (About60kmNorth/West)	2011/4/9 14:00	0.1 ＊2	N: 37° 42' 45.0" E: 140° 22' 59.0"	20110330 確認	No Rain	Ministory of Defence
Reading Point 【85】 (About60kmNorth/West)	2011/4/9 6:00	0.2 ＊2	N: 37° 42' 45.0" E: 140° 22' 59.0"	20110330 確認	No Rain	Ministory of Defence
Reading Point 【86】 (About55kmWest)	2011/4/9 14:00	0.9 ＊2	N: 37° 23' 57.0" E: 140° 19' 35.0"	20110330 確認	Rain	Ministory of Defence
Reading Point 【86】 (About55kmWest)	2011/4/9 6:00	1.2 ＊2	N: 37° 23' 57.0" E: 140° 19' 35.0"	20110330 確認	No Rain	Ministory of Defence
Reading Point 【87】 (About30kmWest/South/West)	2011/4/9 14:00	0.8 ＊2	N: 37° 21' 42.0" E: 140° 42' 54.0"	20110330 確認	Rain	Ministory of Defence
Reading Point 【87】 (About30kmWest/South/West)	2011/4/9 6:00	1.3 ＊2	N: 37° 21' 42.0" E: 140° 42' 54.0"	20110330 確認	Rain	Ministory of Defence
Reading Point 【101】 (About55kmNorth/West)	2011/4/9 9:25	1.7 ＊2	N: 37° 23' 48.0" E: 140° 21' 50.7"	20110404 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【102】 (About50kmNorth/West)	2011/4/9 13:33	2.1 ＊2	N: 37° 23' 48.0" E: 140° 21' 50.7"	20110404 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【103】 (About20kmNorth)	2011/4/9 11:45	1.2 ＊2	N: 37° 23' 48.0" E: 140° 21' 50.7"	20110404 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【105】 (About20kmWest)	2011/4/9 11:20	0.4 ＊2	N: 37° 23' 48.0" E: 140° 21' 50.7"	20110404 確認	Rain	MEXT
Reading Point 【106】 (About30kmSouth/West)	2011/4/9 10:30	0.8 ＊2	N: 37° 23' 48.0" E: 140° 21' 50.7"	20110404 確認	Rain	MEXT
Reading Point 【107】 (About25kmNorth/North/West)	2011/4/9 12:05	3.4 ＊2	N: 37° 23' 48.0" E: 140° 21' 50.7"	20110404 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【108】 (About30kmNorth/North/West)	2011/4/9 12:43	4.2 ＊2	N: 37° 23' 48.0" E: 140° 21' 50.7"	20110404 確認	Rain	JAEA (Japan Atomic Energy Agency)

緊急時環境放射線モニタリング結果(4月7日:第1班)

	2011/4/7 (出動:グループ a)	測定値単位(μSv/h)			
	地点	南相馬 → 飯舘 → 川俣 → 福島			
		測定時刻	測定値(車内)	測定値(車外)	天候
a1	福島(福島支所)	15:47	0.55		降雨なし
a3	福島(八木田橋)	15:43	0.7		降雨なし
a4	福島(吾妻陸橋東側)	15:41	0.7		降雨なし
a5	福島(国4、舟場町交差点)	15:39	1.07		降雨なし
a6	福島(国114+国4交差点)	15:38	0.87		降雨なし
a7	福島(国114、福島東高前)	15:35	0.93		降雨なし
a8	福島(国114、わたり病院前)	15:33	1.12		降雨なし
a9	福島(国114、渡利トンネル西側)	15:31	2.69		降雨なし
a10	福島(国114、南向台ミニストップ)	15:23	1.43	1m 2.08 地上 2.68	降雨なし
a11	福島(国114+県306T字路)	15:19	1.12		降雨なし
a12	福島(国114立子山入口)	15:16	0.97		降雨なし
a13	川俣(国114、川俣町入口ｾﾌﾞﾝｲﾚﾌﾞﾝ)	15:13	0.9		降雨なし
a14	川俣(国114、伊達福田郵便局前)	15:12	0.7		降雨なし
a15	川俣(道の駅)	15:04	0.82		降雨なし
a16	川俣(旧国114、川俣病院交差点)	15:01	0.78		降雨なし
a18	川俣(国349、川俣町南小学校)	14:58	0.67		降雨なし
a20	川俣(国349+県12交差点)	14:56	0.72		降雨なし
a21	川俣・飯舘(県12、飯舘村境界)	14:44	1.54	1m 2.21 地上 2.40	降雨なし
a22	飯舘(県12、二枚橋郵便局)	14:42	2.2		降雨なし
a23	飯舘(県12、臼石小付近)	14:40	3.64		降雨なし
a24	飯舘(村民の森入口)	14:39	4.62		降雨なし
a26	飯舘(県12、相馬農業高校飯舘分校)	14:36	2.44		降雨なし
a27	飯舘(県12、飯舘公民館前)	14:21	4.06	1m 6.35 地上9.40	降雨なし
a28	飯舘(石ポロ坂トンネル西側)	14:09	3.79	1m 5.07 地上 7.58	降雨なし
a29	南相馬(八木沢峠)	14:06	3.29		降雨なし
a30	南相馬(県12+県267交差点)	13:57	2.45		降雨なし
a31	南相馬(栢ノ木橋)	13:51	1.45		降雨なし
a32	南相馬(県12+県34交差点)	13:50	0.86		降雨なし
a33	南相馬(県12、市役所前交差点)	13:45	0.5		降雨なし

※a2、a17、a19、a25は欠番

緊急時環境放射線モニタリング結果（4月7日：第2班）

	2011/4/7 （出動：グループ b）	測定値単位（μSv/h）			
	地点	いわき → 小野 → 田村 → 福島			
		測定時刻	測定値(車内)	測定値(車外)	天候
b1	福島(福島支所)	15:32	0.51		
b2	福島（国114、南向台ミニストップ）	15:13	1.6	2.2	
b3	福島(国114＋県306T字路)	15:08	1.2		
b4	川俣（国114＋県269のT字路）	14:59	0.77		
b5	川俣(国114、ガソリンスタンド誉田内)	14:55	1		
b6	川俣(国114、川俣トンネル前)	14:53	1.1		
b7	川俣(国114＋国349交差点)	14:51	0.8		
b8	川俣(国349、口太山トンネル前)	14:46	1.1		
b9	二本松（東和支所）	14:43	0.84		
b10	二本松（道の駅）	14:39	1.1		
b11	二本松(国459+国349)	14:35	0.8		
b12	二本松/川俣（国349、市境）	14:31	0.74		
b13	田村（国349＋県50T字路）	14:20	0.5	0.65	降雨なし
b14	田村（田村市役所）	14:10	0.29	0.32	
b15	田村（国288＋国349交差点）	14:04	0.28		
b16	田村（国349＋県57T字路）	13:58	0.25		
b17	田村（国349＋県300T字路）	13:57	0.29		
b18	小野（国349＋県301T字路）	13:53	0.29		
b19	小野(国349＋県65交差点)	13:48	0.29		
b20	小野(国349＋県36交差点)	13:47	0.26		
b21	小野(国349＋県65交差点)	13:46	0.26		降雨なし
b22	小野(小野町役場)	13:38	0.25	0.23	降雨なし
b23	小野(国349＋県286交差点)	13:30	0.25		降雨なし
b24	小野(県286＋国349交差点)	13:28	0.32		降雨なし
b25	いわき（国道349＋国道49）	13:21	0.27		降雨なし
b26	いわき（国道49いわき三和IC入口）	13:04	0.32		降雨なし
b27	いわき（国道49いわき中央IC入口）	12:55	0.33		降雨なし

緊急時環境放射線モニタリング結果(4月7日:第3班)

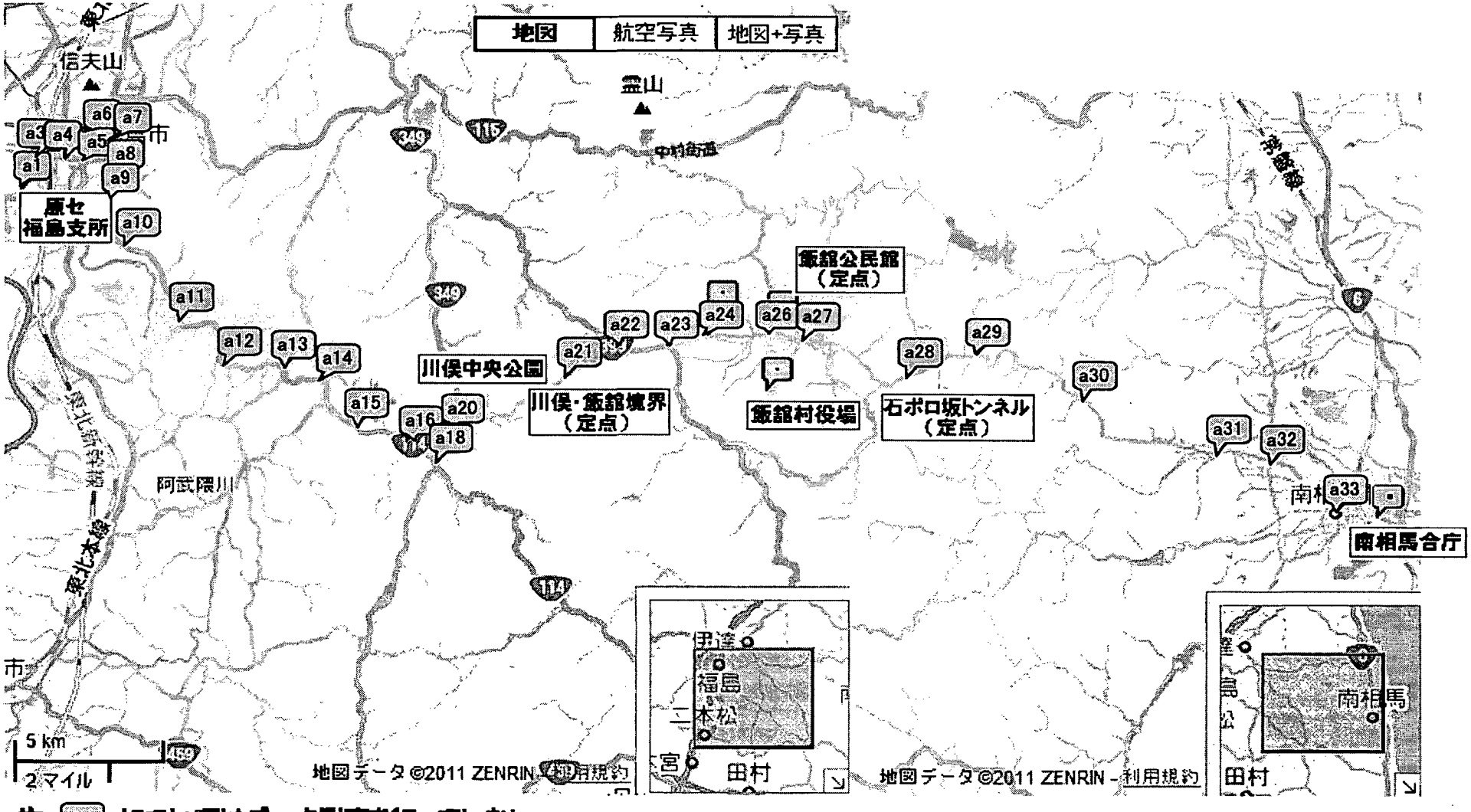
	2011/4/7 (出動:グループ c)	測定値単位(μSv/h)			
	地点	福島 → 二本松 → 田村 → 山木屋 → 月舘			
		測定時刻	測定値(車内)	測定値(車外)	天候
c1	福島(福島支所)	9:33	0.6		降雨なし
c2	福島(国4+県307立体交差)	9:54	1.27		降雨なし
c3	二本松(国4、道の駅安達)	9:58	1.17		降雨なし
c4	二本松(二本松市役所)	10:10	1.55	1.72	降雨なし
c5	二本松(国459、小浜地区交差点)	10:52	1.22		降雨なし
c6	二本松(国459+国349T字路)	11:02	1.17		降雨なし
c7	二本松/田村(国349、市境)	11:07	0.87		降雨なし
c8	田村(国349+県50T字路)	11:10	0.68	0.66	降雨なし
c9	田村(田村市役所)	11:24	0.47	0.35	降雨なし
c10	二本松市(国349、東和支所)	12:37	0.9		降雨なし
c11	川俣(国349+国114交差点)	12:49	1.05		降雨なし
c12	川俣(山木屋郵便局)	13:02	2.32		降雨なし
c13	川俣(小島公民館)	13:40	1.2		降雨なし
c14	伊達(月舘支所)	13:46	1.22	1.39	降雨なし
c1	福島(福島支所)	14:56	0.63		降雨なし

緊急時環境放射線モニタリング結果(4月7日:第4班)

	2011/4/7 (出動:水野、北海道2名)	測定値単位(μSv/h)				
	地点	福島 → 大玉 → 須賀川 → 泉崎 → 西郷				
		測定時間	測定値(車内)	測定値(車外)	天気	備考
d1	福島(福島支所)	9:52	0.0243056		曇り↓	
d2	伏拝交差点	10:05	0.0486111		↓	
d3	国道4・国道459　立体交差	10:22	0.98		↓	
d4	大玉村役場	10:38	0.5	0.7	↓	大気浮遊塵:土壌:葉菜
d5	アサヒビール前	11:39	1		↓	
d6	郡山国道4号バイパス分岐点	11:45	0.7		↓	
d7	バイパス・国道49号　立体交差	11:50	0.45		↓	
d8	バイパス合流点	12:01	0.55		↓	
d9	須賀川市役所	12:55	0.18	0.38	↓	大気浮遊塵:土壌:葉菜
d10	鏡石町役場そば	13:34	0.26		晴れ	
d11	高原道路入口	13:47	0.21		↓	
d12	泉崎村役場	13:55	0.27	0.7	曇り	大気浮遊塵:土壌:葉菜
d13	白河市役所	14:55	0.51	0.83	晴れ	大気浮遊塵:土壌:葉菜
d15	白河I・C	15:35	0.46		↓	
d16	白河中央	15:38	0.38		↓	
d17	矢吹I・C	15:45	0.3		↓	
d18	安積PA	16:00	0.75		↓	
d19	郡山I・C	16:15	0.8		↓	
d20	二本松I・C	16:28	1.5		↓	
d21	福島松川P	16:34	0.5		↓	
d22	福島西I・C	16:40	0.34		↓	

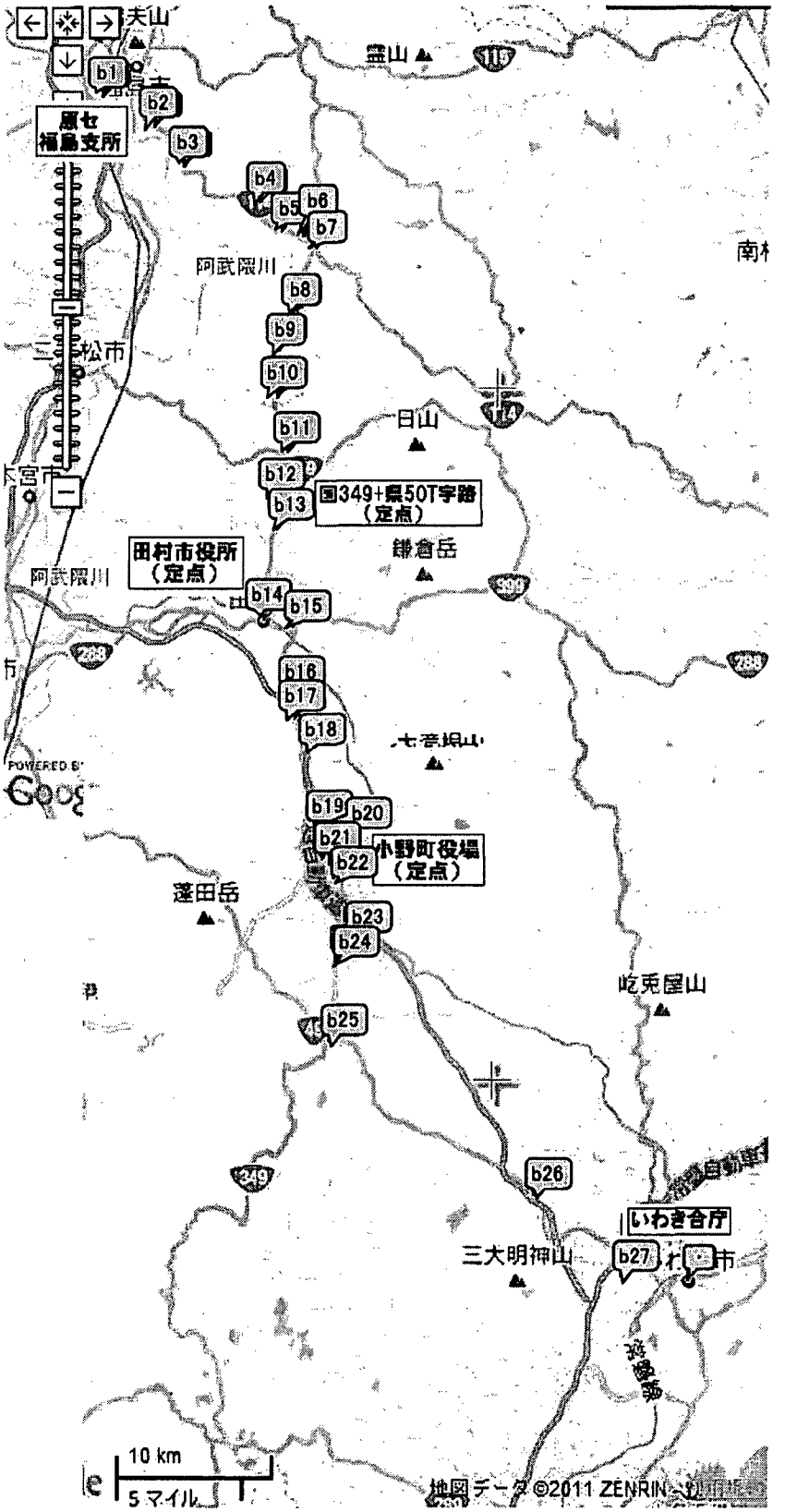
・定点報告は不要
・試料採取は、土壌・葉菜・大気中ヨウ素を実施(大玉、須賀川、泉崎、白河の4地点)
※d14欠番

緊急時環境放射線モニタリング測定地点（第１班）

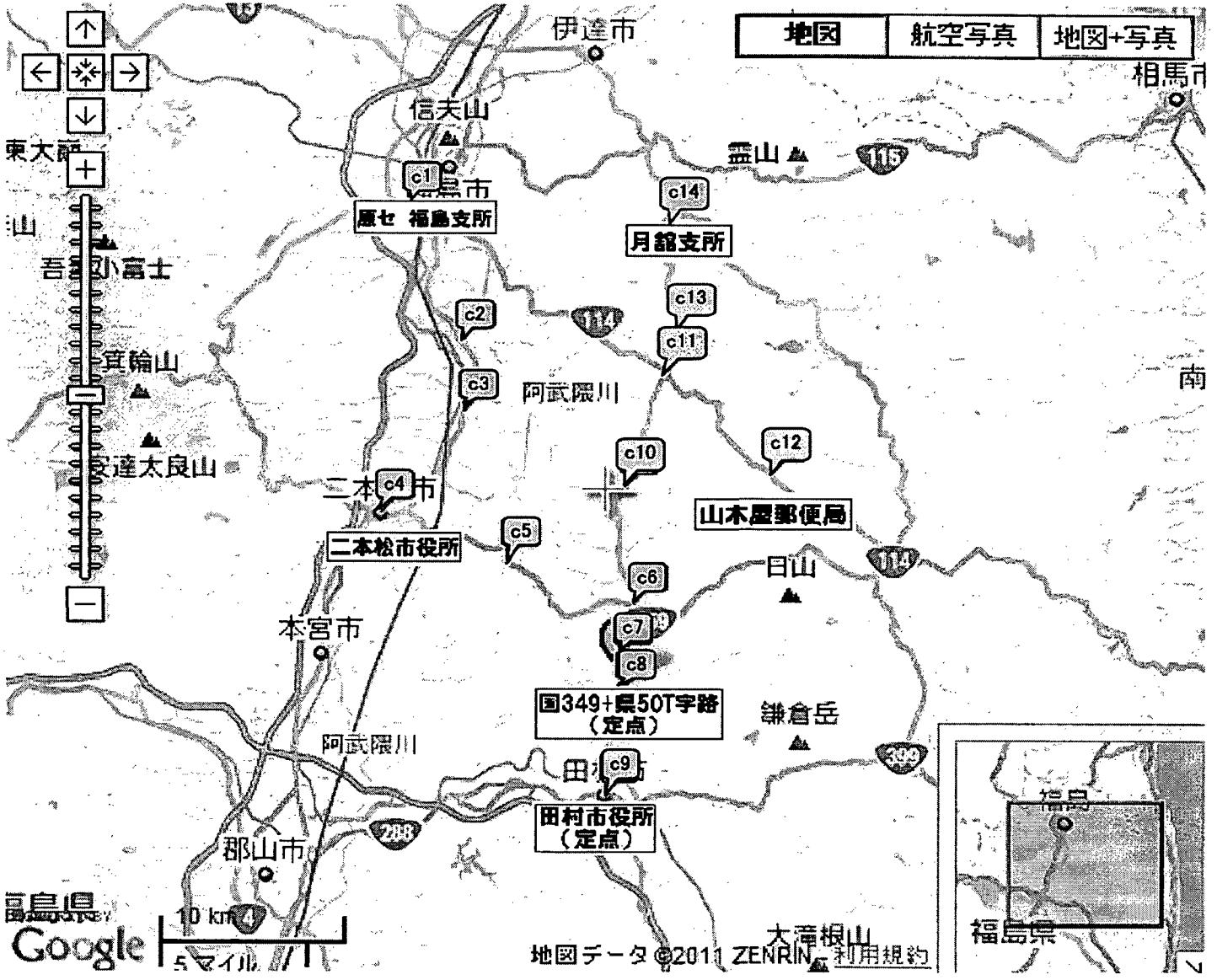


注：[・] についてはデータ測定を行っていない。

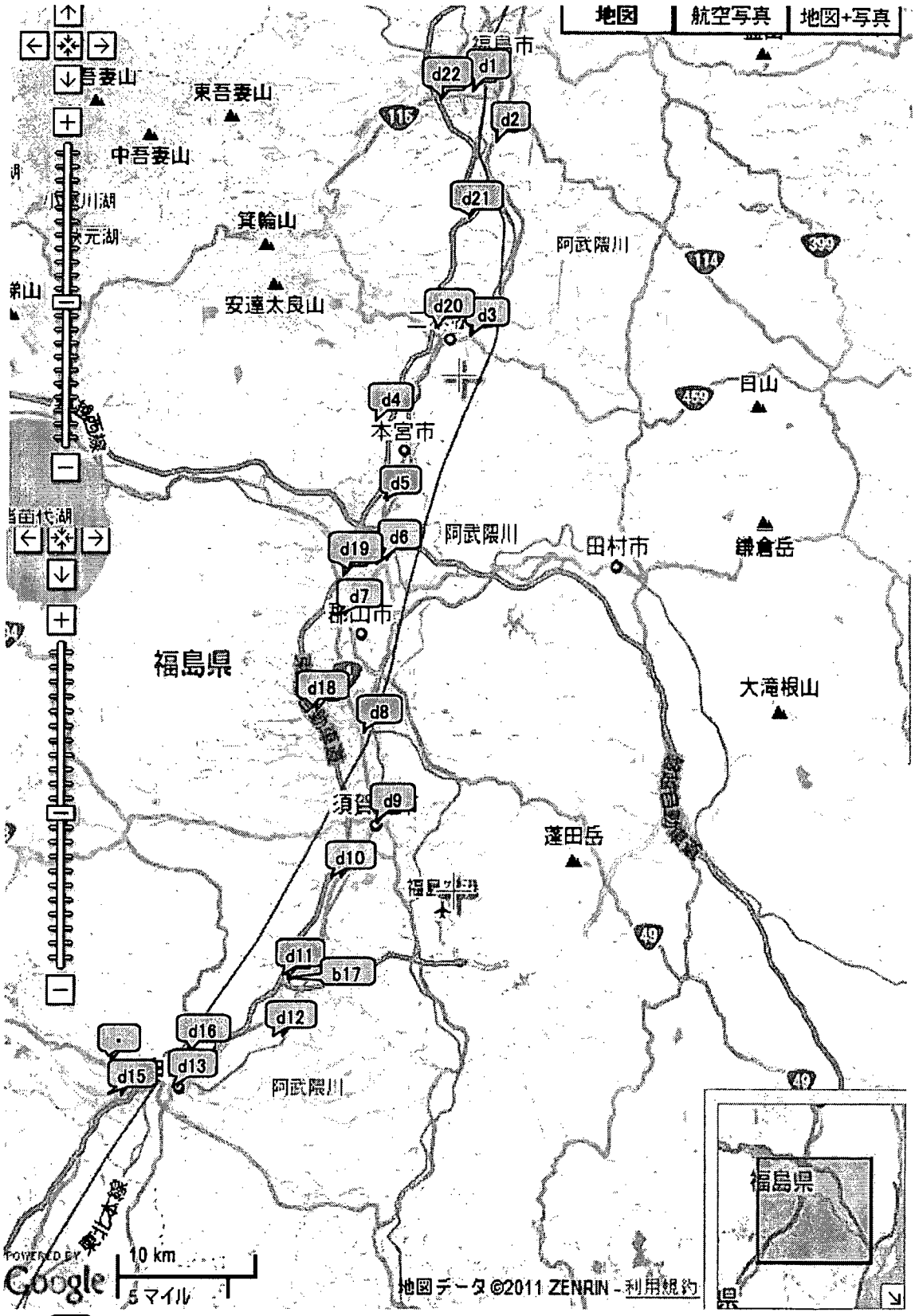
緊急時環境放射線モニタリング測定地点（第2班）



緊急時環境放射線モニタリング地点（第３班）



緊急時モニタリング地点(第4班)



注: ・ についてはデータ測定を行っていない。

緊急時環境放射線モニタリング結果（4月8日：第1班）

	2011/4/8 （出動：水野（原セ）佐々木・畠（果樹研）小坏（JAEA））	測定値単位（μSv/h）			
	地点（福島→川俣町→飯舘村→南相馬市）	南相馬 → 飯舘 → 川俣 → 福島			
		測定時刻	測定値	測定値（車外）	天候
a1	福島（福島支所）	15:33	0.57		降雨無し
a3	福島（八木田橋）	15:28	0.78		降雨無し
a4	福島（吾妻陸橋東側）	15:26	1.0		降雨無し
a5	福島（国4、舟場町交差点）	15:24	1.1		降雨無し
a6	福島（国114+国4交差点）	15:22	1.2		降雨無し
a7	福島（国114、福島東高前）	15:20	1.2		降雨無し
a8	福島（国114、わたり病院前）	15:19	1.4		降雨無し
a9	福島（国114、渡利トンネル西側）	15:18	2.8		降雨無し
a10	福島（国114、南向台ミニストップ）	15:14	1.8	1m 2.53 地上 3.27	降雨無し
a11	福島（国114＋県306T字路）	15:09	1.3		降雨無し
a12	福島（国114立子山入口）	15:07	1.1		降雨無し
a13	川俣（国114、川俣町入口ｾﾌﾞﾝｲﾚﾌﾞﾝ）	15:03	1.1		降雨無し
a14	川俣（国114、伊達福田郵便局前）	15:01	0.82		降雨無し
a15	川俣（道の駅）	14:58	0.82		降雨無し
a16	川俣（旧国114、川俣病院交差点）	14:49	1.0		降雨無し
a18	川俣（国349、川俣町南小学校）	14:47	0.70		降雨無し
a20	川俣（国349＋県12交差点）	14:45	0.80		降雨無し
a21	川俣・飯舘（県12、飯舘村境界）	14:38	2.0	1m 2.45 地上 3.00	降雨無し
a22	飯舘（県12、二枚橋郵便局）	14:36	2.9		降雨無し
a23	飯舘（県12、臼石小付近）	14:34	4.6		降雨無し
a24	飯舘（村民の森入口）	14:33	6.0		降雨無し
a26	飯舘（県12、相馬農業高校飯舘分校）	14:31	5.6		降雨無し
a27	飯舘（県12、飯舘公民館前）	14:16	4.7	1m 5.90 地上 9.60	降雨無し
a28	飯舘（石ポロ坂トンネル西側）	14:09	4.1	1m 5.21 地上 7.30	降雨無し
a29	南相馬（八木沢峠）	14:06	3.5		降雨無し
a30	南相馬（県12＋県267交差点）	13:57	2.5		降雨無し
a31	南相馬（栢ノ木橋）	13:52	1.5		降雨無し
a32	南相馬（県12＋県34交差点）	13:50	0.98		降雨無し
a33	南相馬（県12、市役所前交差点）	13:45	0.60		降雨無し

※a2、a17、a19、a25は欠番

緊急時環境放射線モニタリング結果(4月8日:第2班)

	2011/4/8 (出動:中村・東川(長崎県)金子 (岡山県)生沼(畜産研))	測定値単位(μSv/h)			
	地点	いわき → 小野 → 田村 → 福島			
		測定時刻	測定値(車内)	測定値(車外)	天候
b1	福島(福島支所)	15:32	0.60		降雨無し
b2	福島(国114、南向台ミニストップ)	15:07	1.3	1.8	降雨無し
b3	福島(国114+県306T字路)	15:01	1.0		降雨無し
b4	川俣(国114+県269のT字路)	14:54	0.66		降雨無し
b5	川俣(国114、ガソリンスタンド誉田内)	14:44	1.1		降雨無し
b6	川俣(国114、川俣トンネル前)	14:43	1.0		降雨無し
b7	川俣(国114+国349交差点)	14:42	1.1		降雨無し
b8	川俣(国349、口太山トンネル前)	14:35	1.1		降雨無し
b9	二本松(東和支所)	14:32	0.84		降雨無し
b10	二本松(道の駅)	14:28	1.1		降雨無し
b11	二本松(国459+国349)	14:24	0.78		降雨無し
b12	二本松/川俣(国349、市境)	14:20	0.70		降雨無し
b13	田村(国349+県50T字路)	14:11	0.55	0.60	降雨無し
b14	田村(田村市役所)	14:01	0.28	0.28	降雨無し
b15	田村(国288+国349交差点)	13:55	0.26		降雨無し
b16	田村(国349+県57T字路)	13:49	0.33		降雨無し
b17	田村(国349+県300T字路)	13:48	0.33		降雨無し
b18	小野(国349+県301T字路)	13:44	0.32		降雨無し
b19	小野(国349+県65交差点)	13:38	0.27		降雨無し
b20	小野(国349+県36交差点)	13:38	0.24		降雨無し
b21	小野(国349+県65交差点)	13:36	0.28		降雨無し
b22	小野(小野町役場)	13:30	0.25	0.23	降雨無し
b23	小野(国349+県286交差点)	13:22	0.28		降雨無し
b24	小野(県286+国349交差点)	13:21	0.31		降雨無し
b25	いわき(国道349+国道49)	13:15	0.33		降雨無し
b26	いわき(国道49いわき三和IC入口)	12:59	0.35		降雨無し
b27	いわき(国道49いわき中央IC入口)	12:49	0.39		降雨無し

※陸土・葉菜・上水・大気浮遊じん採取
いわきのOFC向の8検体は三日に一回受け取り。直近3/28

緊急時環境放射線モニタリング結果(4月8日:第3班)

	2011/4/8 (出動:、松本(原セ)山田(環セ) 劔持・武本(岡山県)滝沢(東北放))	測定値単位(μSv/h)			
	地点	福島 → 二本松 → 田村 → 山木屋 → 月舘			
		測定時刻	測定値(車内)	測定値(車外)	天候
c1	福島(福島支所)	9:31	0.70		降雨無し
c2	福島(国4+県307立体交差)	9:54	1.3		降雨無し
c3	二本松(国4、道の駅安達)	9:58	1.1		降雨無し
c4	二本松(二本松市役所)	10:09	1.5	1.7	降雨無し
c5	二本松(国459、小浜地区交差点)	10:52	1.2		降雨無し
c6	二本松(国459+国349T字路)	11:02	1.1		降雨無し
c7	二本松/田村(国349、市境)	11:06	0.83		降雨無し
c8	田村(国349+県50T字路)	11:09	0.64	0.70	降雨無し
c9	田村(田村市役所)	11:20	0.45	0.36	降雨無し
c10	二本松市(国349、東和支所)	12:37	0.86		降雨無し
c11	川俣(国349+国114交差点)	12:45	0.94		降雨無し
c12	川俣(山木屋郵便局)	12:58	2.0	2.6	降雨無し
c13	川俣(小島公民館)	13:40	1.1		降雨無し
c14	伊達(月舘支所)	13:45	0.98	1.4	降雨無し
c1	福島(福島支所)	14:52	0.79		降雨無し

緊急時環境放射線モニタリング結果(4月8日:第4班)

	2011/4/8 (出動:太田・小幡・名畑(北海道))	測定値単位(μSv/h)			
	地点	福島 → 大玉 → 須賀川 → 泉崎 → 白河 → 西郷			
		測定時刻	測定値(車内)	測定値(車外)	天候
d1	福島(福島支所)	9:42	0.30		降雨無し
d2	伏拝交差点	9:52	0.60		降雨無し
d3	国道4・国道459 立体交差	10:10	1.13		降雨無し
d4	大玉村役場	10:35	0.50	0.88	降雨無し
d5	アサヒビール前	11:09	1.1		降雨無し
d6	郡山国道4号バイパス分岐点	11:16	0.72		降雨無し
d7	バイパス・国道49号 立体交差	11:20	0.88		降雨無し
d8	バイパス合流点	11:30	0.50		降雨無し
d9	須賀川市役所	11:50	0.16	0.39	降雨無し
d10	鏡石町役場そば	13:13	0.26		降雨無し
d11	高原道路入口	13:23	0.20		降雨無し
d12	泉崎村役場	13:38	0.31	0.69	降雨無し
d13	白河市役所	14:45	0.53	0.84	降雨無し
d14	西郷村役場	15:25	0.45	0.81	降雨無し
d15	白河I・C	15:53	0.43		降雨無し
d16	白河中央	15:57	0.43		降雨無し
d17	矢吹I・C	16:04	0.28		降雨無し
d18	安積PA	16:21	0.80		降雨無し
d19	郡山I・C	16:55	0.75		降雨無し
d20	二本松I・C	17:10	1.0		降雨無し
d21	福島松川P	17:17	0.64		降雨無し
d22	福島西I・C	17:25	0.32		降雨無し

・定点報告は不要
・試料採取は、土壌・葉菜・大気中ヨウ素を実施(大玉、須賀川、泉崎、白河の4地点)

Readings of the radiation rate with the cooperation of universities

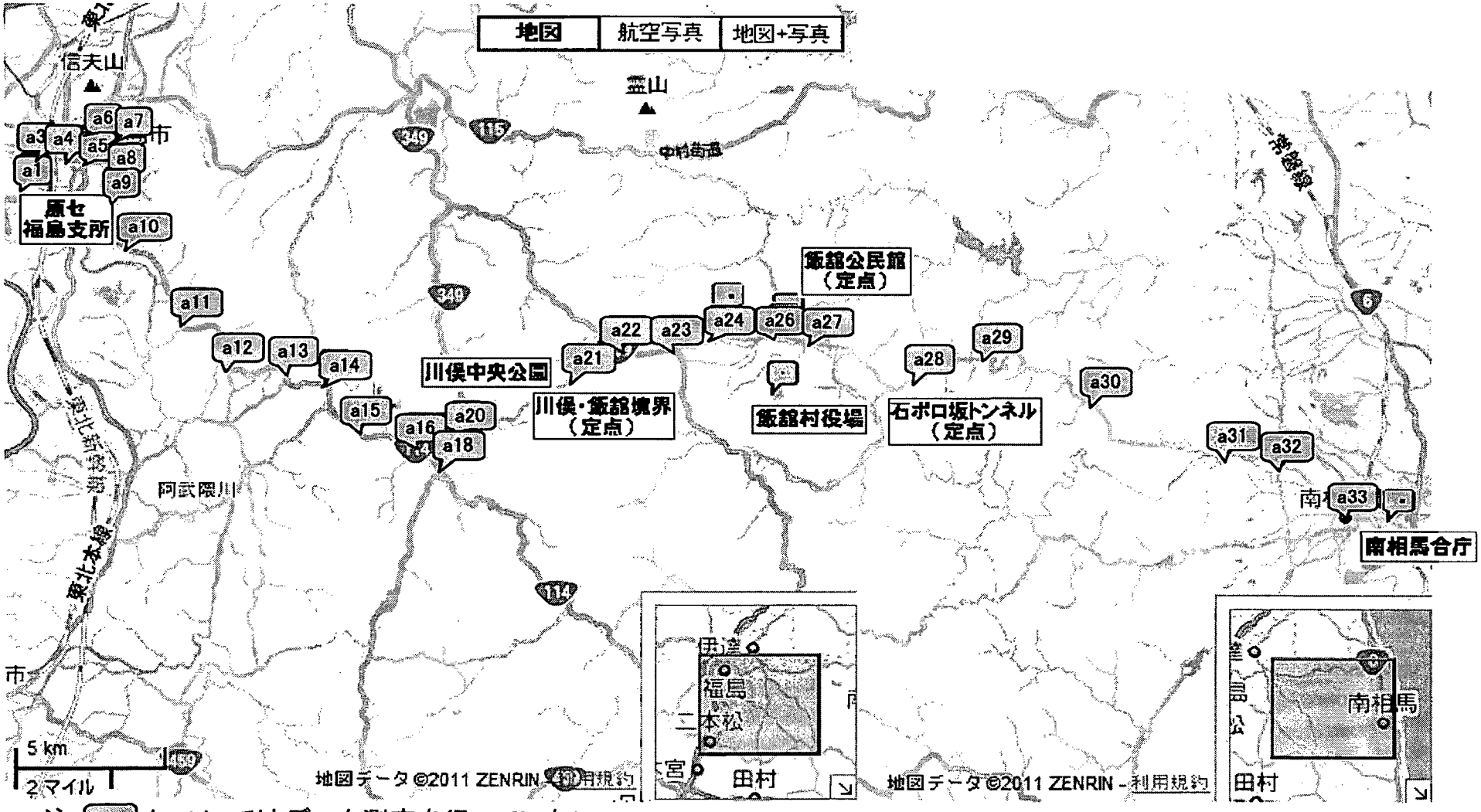
Upper column: Reading of the integrated dose(24h)
Lower column: the reference value which was calculated as the number per one hour

Prefecture	Monitoring Point	City	4/8～4/9
Hokkaido	1	Muroran City	1 μ Sv (0. 04 μ Sv/h)
	2	Obihiro City	2 μ Sv (0. 08 μ Sv/h)
	3	Asahikawa City	2 μ Sv (0. 08 μ Sv/h)
	4	Kitami City	1 μ Sv (0. 04 μ Sv/h)
	5	Kushiro City	1 μ Sv (0. 04 μ Sv/h)
	6	Hakodate City	1 μ Sv (0. 04 μ Sv/h)
Aomori	7	Hirosaki City	1 μ Sv (0. 04 μ Sv/h)
	8	Hachinohe City	1 μ Sv (0. 04 μ Sv/h)
Miyagi	9	Sendai City	3 μ Sv (0. 13 μ Sv/h)
Yamagata	10	Yonezawa City	3 μ Sv (0. 13 μ Sv/h)
	11	Tsuruoka City	1 μ Sv (0. 04 μ Sv/h)
Fukushima	12	Fukushima City	11 μ Sv (0. 46 μ Sv/h)
Ibaraki	13	Tsukuba City	3 μ Sv (0. 13 μ Sv/h)
Tochigi	14	Oyama City	3 μ Sv (0. 13 μ Sv/h)
Gunma	15	Kiryu City	2 μ Sv (0. 08 μ Sv/h)
Chiba	16	Chiba City	4 μ Sv (0. 17 μ Sv/h)
	17	Kisarazu City	3 μ Sv (0. 13 μ Sv/h)
Tokyo	18	Bunkyo Ward	5 μ Sv (0. 21 μ Sv/h)
	19	Fuchu City	2 μ Sv (0. 08 μ Sv/h)
	20	Meguro Ward	2 μ Sv (0. 08 μ Sv/h)
	21	Minato Ward	2 μ Sv (0. 08 μ Sv/h)
	22	Hachioji City	2 μ Sv (0. 08 μ Sv/h)
Kanagawa	23	Yokohama City	2 μ Sv (0. 08 μ Sv/h)
Niigata	24	Nagaoka City	2 μ Sv (0. 08 μ Sv/h)
Nagano	25	Matsumoto City	2 μ Sv (0. 08 μ Sv/h)
	26	Ueda City	2 μ Sv (0. 08 μ Sv/h)
Shizuoka	27	Numazu City	1 μ Sv (0. 04 μ Sv/h)

* We have measured the integrated dose(24h) from around 2PM to the next

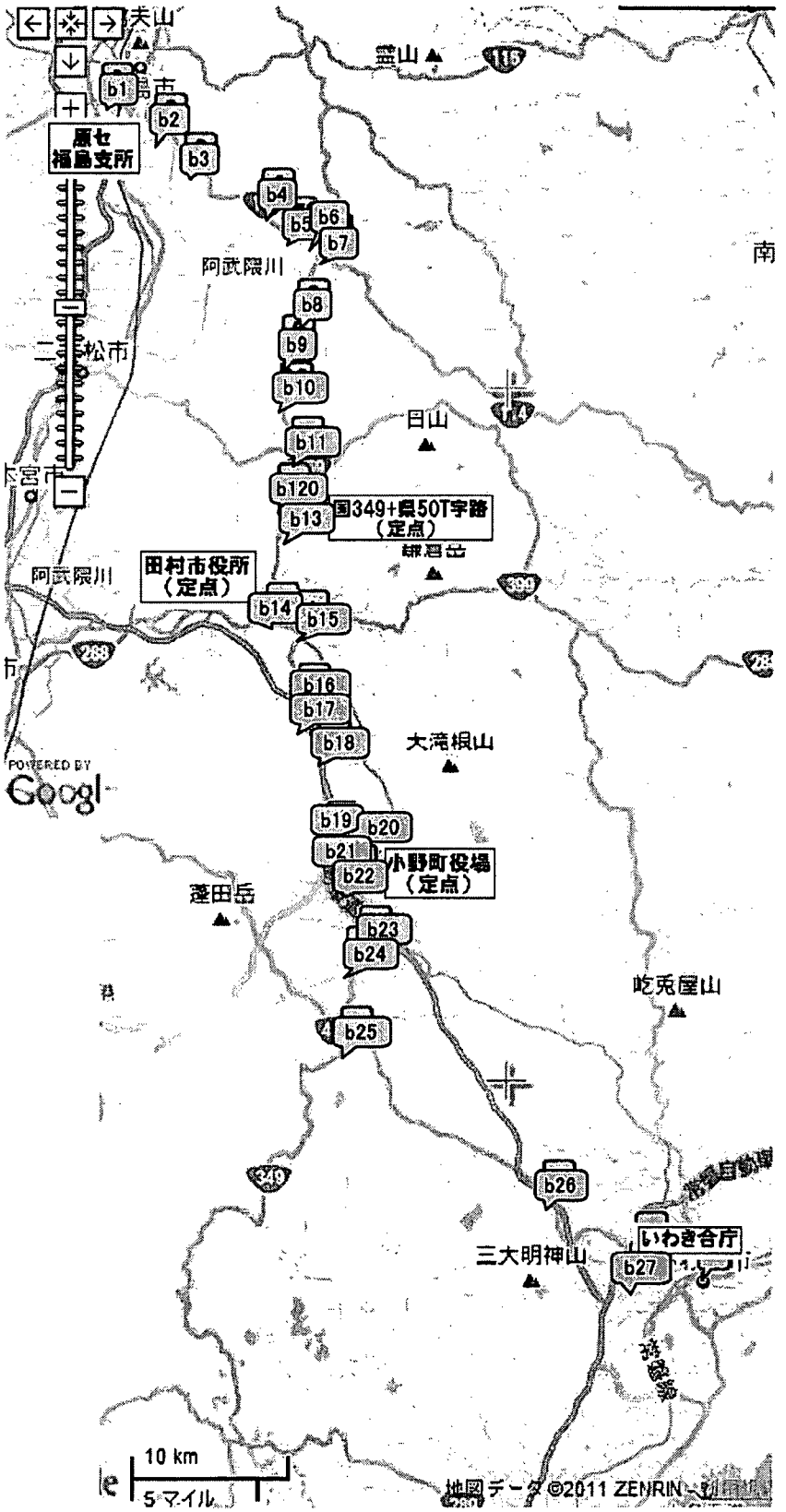
* Readings of lower column are the reference value because of the lower limit of the pocket dosimeter (1 μ Sv)

緊急時環境放射線モニタリング測定地点（第１班）

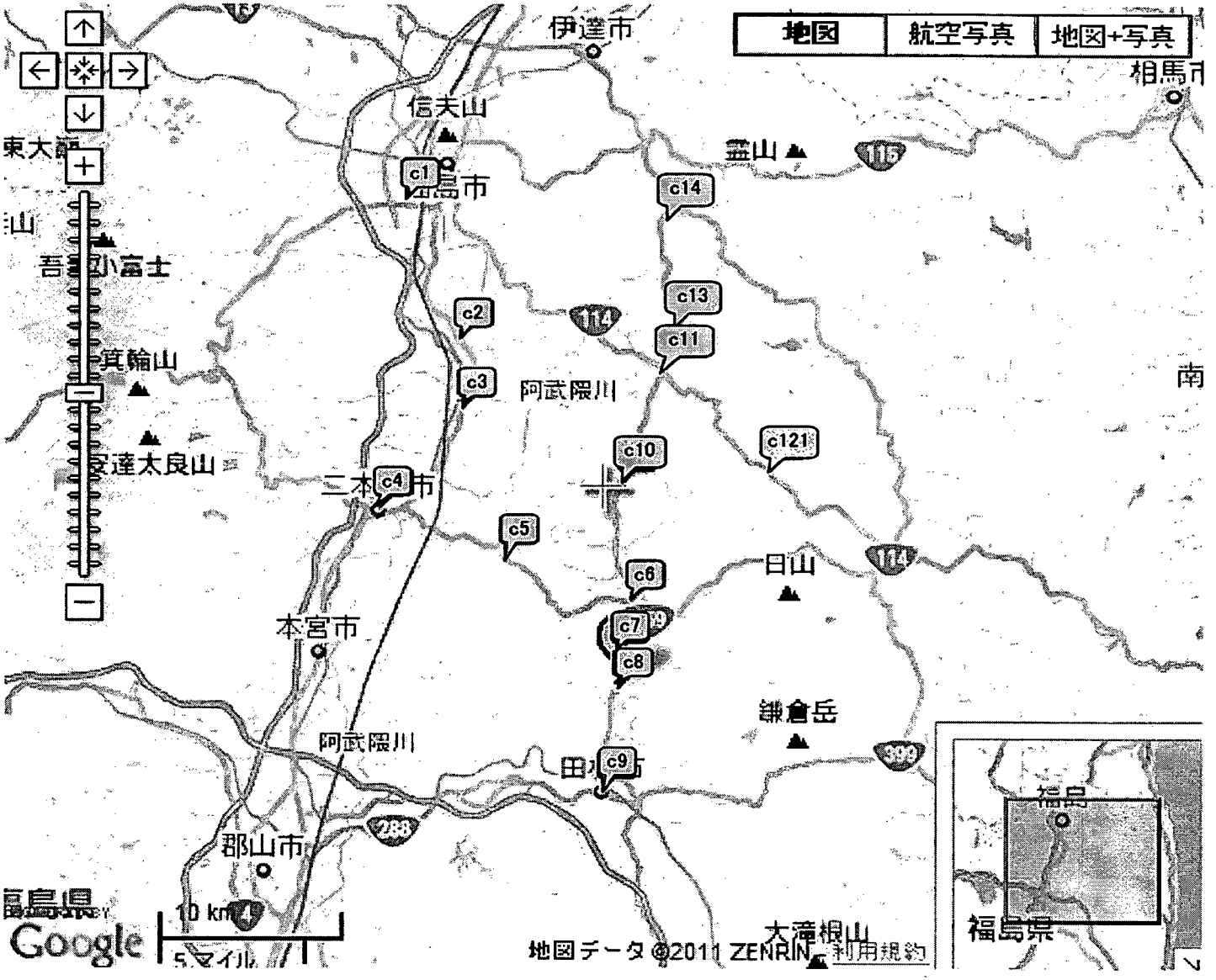


注：● についてはデータ測定を行っていない。

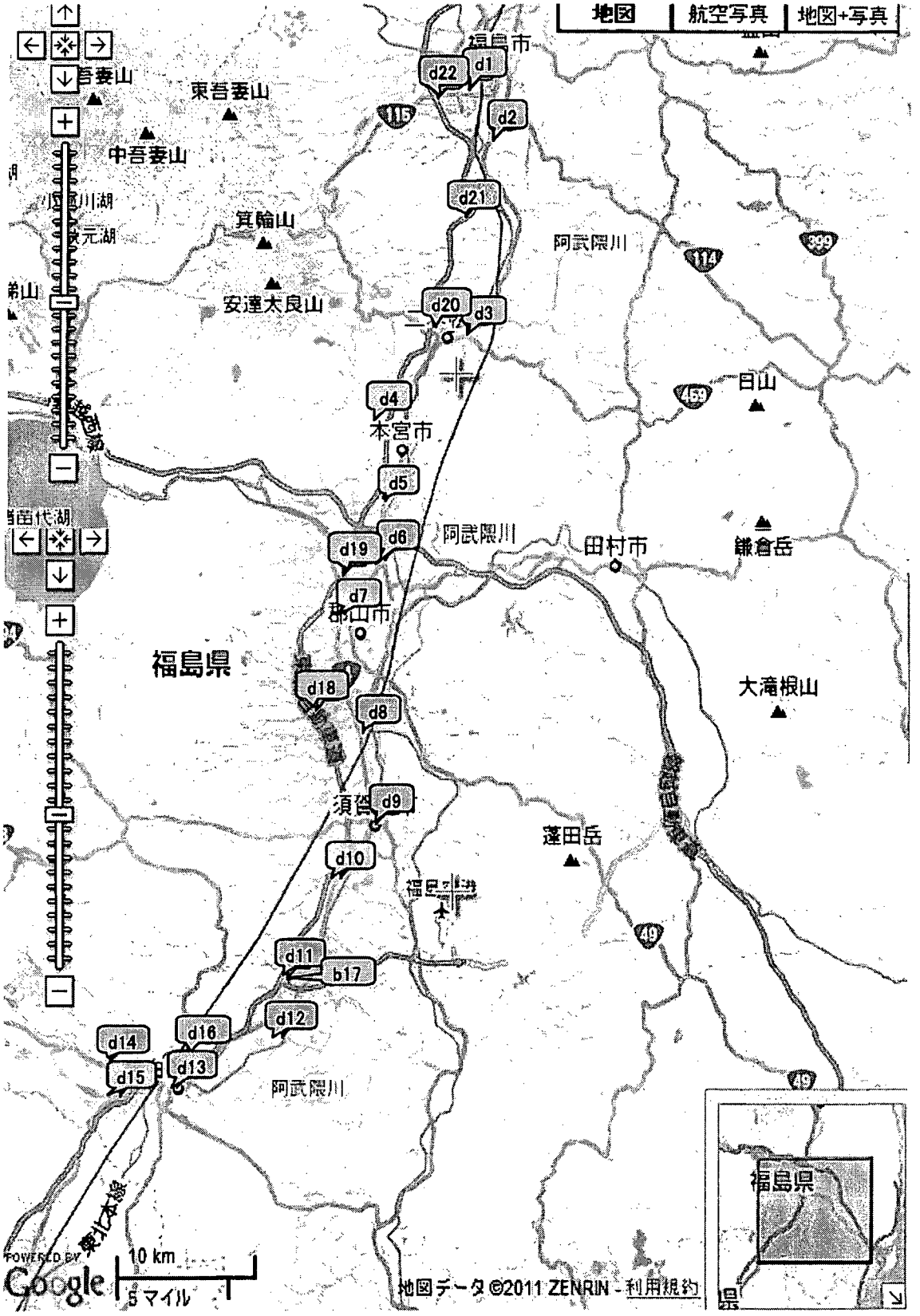
緊急時環境放射線モニタリング測定地点（第2班）



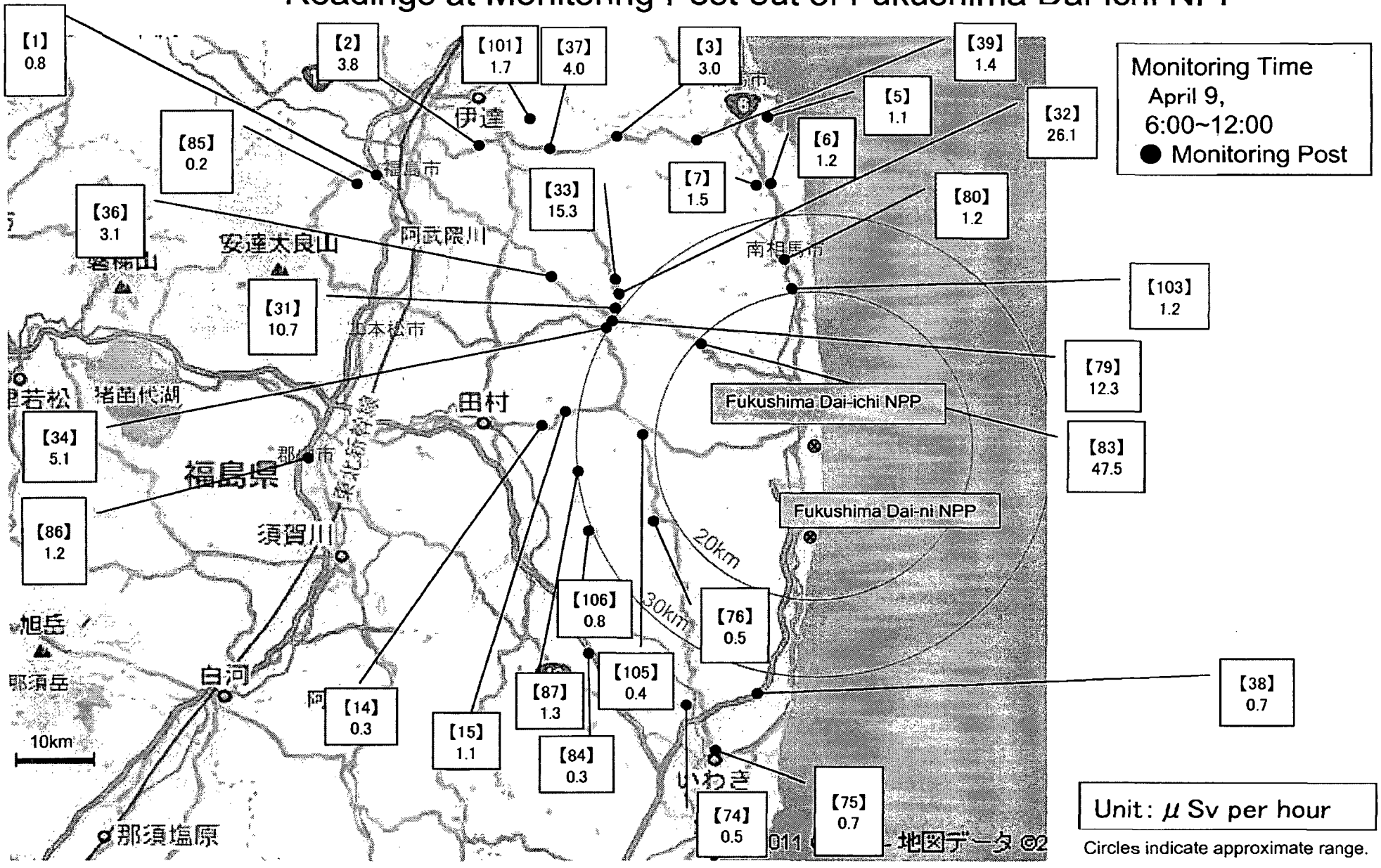
緊急時環境放射線モニタリング地点（第3班）



緊急時モニタリング地点(第4班)



Readings at Monitoring Post out of Fukushima Dai-ichi NPP



Monitoring data at Ibaraki prefecture (1／1)

MEXT

2011/4/9 19:00

μSv/h

Date	JAEA nuclear science research institute (Tokai-village in Ibaraki-prefecture)	JAEA Nuclear fuel cycle engineering laboratory (Tokai-village in Ibaraki-prefecture)	Yayoi in Tokyo University (Tokai-village in Ibaraki-prefecture)
2011/4/9			
0:00	1.14	0.64	1.01
1:00	1.14	0.64	1.06
2:00	1.15	0.64	0.94
3:00	1.14	0.64	1.05
4:00	1.14	0.64	0.86
5:00	1.14	0.64	1.00
6:00	1.14	0.64	0.90
7:00	1.14	0.64	0.99
8:00	1.14	0.64	0.97
9:00	1.13	0.63	0.95
10:00	1.13	0.63	0.91
11:00	1.13	0.63	0.95
12:00	1.13	0.63	0.98
13:00	1.12	0.63	0.96
14:00	1.13	0.63	0.97
15:00	1.13	0.63	0.92
16:00	1.12	0.63	0.93
17:00	1.12	0.62	0.94
18:00	1.12	0.62	

※The readings are measured once every hour from March 24th.
The readings of JAEA nuclear science research institute and JAEA Nuclear fuel cycle engineering laboratory are also put on their websites in below.

JAEA nuclear science research institute
http://erms.jaea.go.jp/Chart.htm
JAEA Nuclear fuel cycle engineering laboratory
http://www.jaea.go.jp/04/ztokai/kankyo/realtime/tbl_10mStPo01.html

From: LIA02 Hoc
Sent: Saturday, April 09, 2011 11:47 PM
To: RST12 Hoc; RST Communicator; RST01 Hoc; RST02 Hoc; Hoc, PMT12; PMT02 Hoc; PMT09 Hoc; PMT07 Hoc
Cc: Shaffer, Mark R
Subject: FW: Radiation data by MEXT
Attachments: (Japanese)20110409_21.pdf; (Japanese)20110409_22.pdf; (Japanese)20110408_25revised.pdf; (English)20110409_08.pdf; (unofficial)(English)20110409_08with lat_long.pdf; (English)20110409_09.pdf; (English)20110409_10.pdf; (English)20110409_11.pdf; (English)20110409_12.pdf; (English)20110409_13.pdf; (unofficial)(English)20110409_13with lat_long.pdf; (English)20110409_14.pdf; (English)20110409_17.pdf; (English)20110409_18.pdf; (English)20110409_19.pdf; (English)20110409_20.pdf

fyi

-----Original Message-----
From: eda@mext.go.jp [mailto:eda@mext.go.jp]
Sent: Saturday, April 09, 2011 10:02 PM
To: (b)(6)

(b)(6)

Subject: Radiation data by MEXT

Dear Sir,

Please see attached the document.
We have revised "(Japanese)20110408_25" we sent you on April 8 in ordert to add the result of group 4.
"(English)20110409_15" and "(English)20110409_16" will be sent later.

AAAA/533

Sincerely yours,
Kei EDA
EOC, Ministry of Education,Culture, Sports, Science & Technology (MEXT), Japan

Reading of environmental radioactivity level by prefecture[Fallout]
(4.8.9AM～4.9.9AM)

2011/4/9 19:00

(MBq/km^2)

	Prefecture	Fallout		
		I－131	Cs－137	備考
1	Hokkaido(Sapporo)	Not Detectable	Not Detectable	
2	Aomori(Aomori)	Not Detectable	Not Detectable	
3	Iwate(Morioka)	Not Detectable	3.3	
4	Miyagi	-	-	Not be measured because of the earthquake disaster damage
5	Akita(Akita)	Not Detectable	Not Detectable	
6	Yamagata(Yamagata)	Not Detectable	170	
7	Fukushima(Fukushima)	-	-	Under Measurement
8	Ibaraki(Hitachinaka)	650	370	
9	Tochigi(Utsunomiya)	-	-	Under Measurement
10	Gunma(Maebashi)	7.8	Not Detectable	
11	Saitama(Saitama)	12	25	
12	Chiba(Ichihara)	16	77	
13	Tokyo(Shinjuku)	8.9	12	
14	Kanagawa(Chigasaki)	Not Detectable	Not Detectable	
15	Niigata(Niigata)	Not Detectable	Not Detectable	
16	Toyama(Imizu)	Not Detectable	Not Detectable	
17	Ishikawa(Kanazawa)	Not Detectable	Not Detectable	
18	Fukui(Fukui)	Not Detectable	Not Detectable	
19	Yamanashi(Kofu)	Not Detectable	Not Detectable	
20	Ngano(Nagano)	Not Detectable	Not Detectable	
21	Gifu(Kakamigahara)	Not Detectable	Not Detectable	
22	Shizuoka(Omaezaki)	Not Detectable	Not Detectable	
23	Aichi(Nagoya)	Not Detectable	Not Detectable	
24	Mie(Yokkaichi)	Not Detectable	Not Detectable	
25	Shiga(Otsu)	Not Detectable	Not Detectable	
26	Kyoto(Kyoto)	Not Detectable	Not Detectable	
27	Osaka(Osaka)	Not Detectable	Not Detectable	
28	Hyogo(Kobe)	Not Detectable	Not Detectable	
29	Nara(Nara)	Not Detectable	Not Detectable	
30	Wakayama(Wakayama)	Not Detectable	Not Detectable	
31	Tottori(Tohhaku)	Not Detectable	Not Detectable	
32	Shimane(Matsue)	Not Detectable	Not Detectable	
33	Okayama(Okayama)	Not Detectable	Not Detectable	
34	Hiroshima(Hiroshima)	Not Detectable	Not Detectable	
35	Yamaguchi(Yamaguchi)	Not Detectable	Not Detectable	
36	Tokushima(Tokushima)	Not Detectable	Not Detectable	
37	Kagawa(Takamatsu)	Not Detectable	Not Detectable	
38	Ehime(Yawatahama)	Not Detectable	Not Detectable	
39	Kochi(Kochi)	Not Detectable	Not Detectable	
40	Fukuoka(Dazaifu)	Not Detectable	Not Detectable	
41	Saga(Saga)	Not Detectable	Not Detectable	
42	Nagasaki(Ohmura)	Not Detectable	Not Detectable	
43	Kumamoto(Uto)	Not Detectable	Not Detectable	
44	Oita(Oita)	Not Detectable	Not Detectable	
45	Miyazaki(Miyazaki)	Not Detectable	Not Detectable	
46	Kagoshima(Kagoshima)	Not Detectable	Not Detectable	
47	Okinawa(Nanjo)	Not Detectable	Not Detectable	

*The table was made by MEXT, based on the reports from prefectures

Monitoring data at Ibaraki prefecture (1／1)

MEXT

2011/4/9 13:00

μSv/h

Date	JAEA nuclear science research institute (Tokai-village in Ibaraki-prefecture)	JAEA Nuclear fuel cycle engineering laboratory (Tokai-village in Ibaraki-prefecture)	Yayoi in Tokyo University (Tokai-village in Ibaraki-prefecture)
2011/4/8			
0:00	1.17	0.65	1.00
1:00	1.17	0.65	1.01
2:00	1.17	0.65	1.02
3:00	1.17	0.65	1.02
4:00	1.17	0.65	0.96
5:00	1.17	0.65	0.92
6:00	1.17	0.65	0.99
7:00	1.16	0.65	0.99
8:00	1.16	0.65	0.99
9:00	1.15	0.65	0.95
10:00	1.15	0.65	1.01
11:00	1.15	0.64	1.00
12:00	1.15	0.64	0.99
13:00	1.15	0.65	0.98
14:00	1.15	0.64	0.97
15:00	1.14	0.64	1.01
16:00	1.15	0.64	0.97
17:00	1.14	0.64	1.07
18:00	1.14	0.64	0.92
19:00	1.15	0.64	1.01
20:00	1.14	0.64	1.00
21:00	1.14	0.64	0.90
22:00	1.14	0.64	0.94
23:00	1.14	0.64	0.98
2011/4/9			
0:00	1.14	0.64	1.01
1:00	1.14	0.64	1.06
2:00	1.15	0.64	0.94
3:00	1.14	0.64	1.05
4:00	1.14	0.64	0.86
5:00	1.14	0.64	1.00
6:00	1.14	0.64	0.90
7:00	1.14	0.64	0.99
8:00	1.14	0.64	0.97
9:00	1.13	0.63	0.95
10:00	1.13	0.63	
11:00	1.13	0.63	
12:00	1.13	0.63	

※The readings are measured once every hour from March 24th.
The readings of JAEA nuclear science research institute and JAEA Nuclear fuel cycle engineering laboratory are also put on their websites in below.

JAEA nuclear science research institute
http://erms.jaea.go.jp/Chart.htm
JAEA Nuclear fuel cycle engineering laboratory
http://www.jaea.go.jp/04/ztokai/kankyo/realtime/tbl_10mStPo01.html

Reading of environmental radioactivity level by prefecture

2011.4.9 19:00

(μSv/h)

	Prefecture(City)	4/8							4/9							
		17-18	18-19	19-20	20-21	21-22	22-23	23-24	0-1	1-2	2-3	3-4	4-5	5-6	6-7	Usual Value Band
1	Hokkaido(Sapporo)	0.028	0.028	0.029	0.029	0.029	0.028	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.02～0.105
2	Aomori(Aomori)	0.026	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.017～0.102
3	Iwate(Morioka)	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.026	0.025	0.025	0.026	0.030	0.030	0.014～0.084
4	Miyagi(Sendai)	0.088	0.087	0.087	0.087	0.086	0.087	0.087	0.086	0.086	0.086	0.085	0.086	0.088	0.088	0.0176～0.0513
5	Akita(Akita)	0.035	0.035	0.034	0.035	0.035	0.035	0.036	0.035	0.035	0.036	0.036	0.036	0.036	0.039	0.022～0.086
6	Yamagata(Yamagata)	0.060	0.060	0.059	0.059	0.059	0.059	0.059	0.060	0.060	0.059	0.059	0.060	0.060	0.061	0.025～0.082
7	Fukushima(Fukushima)	2.300	2.300	2.300	2.300	2.200	2.200	2.300	2.200	2.300	2.300	2.200	2.200	2.200	2.200	0.037～0.046
8	Ibaraki(Mito)	0.152	0.152	0.151	0.151	0.151	0.150	0.150	0.150	0.151	0.153	0.152	0.151	0.151	0.153	0.036～0.056
9	Tochigi(Utsunomiya)	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.078	0.075	0.075	0.078	0.077	0.030～0.067
10	Gunma(Maebashi)	0.043	0.042	0.043	0.043	0.043	0.043	0.044	0.044	0.045	0.045	0.045	0.046	0.046	0.045	0.017～0.049
11	Saitama(Saitama)	0.065	0.066	0.066	0.065	0.066	0.065	0.066	0.066	0.065	0.065	0.066	0.066	0.066	0.066	0.031～0.060
12	Chiba(Ichihara)	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.022～0.044
13	Tokyo(Shinjuku)	0.085	0.085	0.084	0.084	0.084	0.084	0.085	0.084	0.085	0.084	0.084	0.084	0.084	0.084	0.028～0.079
14	Kanagawa(Chigasaki)	0.059	0.059	0.059	0.059	0.060	0.059	0.059	0.060	0.059	0.059	0.059	0.060	0.061	0.062	0.035～0.069
15	Niigata(Niigata)	0.055	0.054	0.051	0.048	0.047	0.046	0.047	0.048	0.050	0.050	0.053	0.054	0.053	0.052	0.031～0.153
16	Toyama(Imizu)	0.053	0.053	0.051	0.050	0.049	0.048	0.049	0.051	0.052	0.054	0.054	0.055	0.059	0.059	0.029～0.147
17	Ishikawa(Kanazawa)	0.051	0.051	0.051	0.050	0.048	0.048	0.048	0.049	0.049	0.050	0.051	0.053	0.056	0.058	0.0291～0.1275
18	Fukui(Fukui)	0.050	0.051	0.050	0.048	0.047	0.047	0.047	0.047	0.048	0.048	0.048	0.052	0.057	0.058	0.032～0.097
19	Yamanashi(Kohu)	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.044	0.045	0.040～0.066
20	Nagano(Nagano)	0.043	0.043	0.044	0.043	0.043	0.043	0.043	0.043	0.043	0.044	0.044	0.044	0.044	0.047	0.0299～0.0974
21	Gifu(Kakamigahara)	0.064	0.063	0.064	0.064	0.064	0.065	0.063	0.064	0.065	0.067	0.065	0.067	0.067	0.066	0.057～0.110
22	Shizuoka(Shizuoka)	0.043	0.042	0.041	0.042	0.042	0.041	0.041	0.041	0.043	0.045	0.046	0.046	0.047	0.047	0.0281～0.0765
23	Aichi(Nagoya)	0.040	0.039	0.039	0.040	0.041	0.040	0.040	0.041	0.041	0.042	0.041	0.043	0.042	0.041	0.035～0.074
24	Mie(Yokkaichi)	0.047	0.047	0.046	0.047	0.046	0.046	0.048	0.049	0.048	0.048	0.050	0.050	0.049	0.051	0.0416～0.0789
25	Shiga(Otsu)	0.034	0.035	0.035	0.036	0.036	0.037	0.037	0.037	0.037	0.038	0.039	0.039	0.040	0.040	0.031～0.061
26	Kyoto(Kyoto)	0.040	0.041	0.042	0.042	0.043	0.045	0.045	0.043	0.043	0.043	0.044	0.045	0.047	0.049	0.033～0.087
27	Osaka(Osaka)	0.045	0.045	0.045	0.046	0.046	0.046	0.045	0.046	0.046	0.048	0.048	0.047	0.050	0.050	0.042～0.061
28	Hyogo(Kobe)	0.043	0.043	0.045	0.047	0.046	0.042	0.042	0.042	0.042	0.041	0.041	0.041	0.039	0.038	0.035～0.076
29	Nara(Nara)	0.049	0.049	0.049	0.048	0.049	0.049	0.049	0.049	0.049	0.052	0.054	0.051	0.052	0.055	0.046～0.080
30	Wakayama(Wakayama)	0.036	0.037	0.036	0.035	0.034	0.035	0.034	0.035	0.036	0.035	0.034	0.038	0.043	0.037	0.031～0.056
31	Tottori(Tohhaku)	0.071	0.069	0.070	0.070	0.069	0.068	0.066	0.064	0.064	0.064	0.064	0.065	0.065	0.064	0.036～0.110
32	Shimane(Matsue)	0.051	0.047	0.049	0.052	0.049	0.047	0.046	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.037～0.131
33	Okayama(Okayama)	0.049	0.049	0.049	0.050	0.051	0.050	0.051	0.052	0.053	0.053	0.051	0.049	0.049	0.049	0.043～0.104
34	Hiroshima(Hiroshima)	0.051	0.049	0.047	0.046	0.046	0.046	0.046	0.046	0.047	0.046	0.046	0.047	0.048	0.046	0.035～0.069
35	Yamaguchi(Yamaguchi)	0.091	0.093	0.092	0.091	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.091	0.090	0.090	0.084～0.128
36	Tokushima(Tokushima)	0.037	0.038	0.038	0.037	0.038	0.038	0.038	0.038	0.039	0.039	0.039	0.040	0.040	0.039	0.037～0.067
37	Kagawa(Takamastu)	0.064	0.061	0.060	0.059	0.058	0.061	0.062	0.063	0.065	0.065	0.064	0.066	0.064	0.063	0.051～0.077
38	Ehime(Matsuyama)	0.048	0.047	0.048	0.049	0.050	0.048	0.048	0.048	0.048	0.047	0.048	0.048	0.048	0.048	0.045～0.074
39	Kochi(Kochi)	0.031	0.031	0.030	0.029	0.027	0.027	0.026	0.026	0.027	0.027	0.027	0.027	0.028	0.028	0.019～0.054
40	Fukuoka(Dazaifu)	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.034～0.079
41	Saga(Saga)	0.039	0.039	0.039	0.039	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.037～0.086
42	Nagasaki(Ohmura)	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.030	0.027～0.069
43	Kumamoto(Uto)	0.032	0.029	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.028	0.029	0.028	0.027	0.021～0.067
44	Oita(Oita)	0.052	0.056	0.056	0.052	0.050	0.050	0.050	0.050	0.050	0.050	0.051	0.050	0.050	0.050	0.048～0.085
45	Miyazaki(Miyazaki)	0.026	0.027	0.028	0.027	0.028	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.0243～0.0664
46	Kagoshima(Kagoshima)	0.039	0.038	0.038	0.036	0.035	0.035	0.035	0.035	0.035	0.035	0.036	0.036	0.035	0.036	0.0306～0.0943
47	Okinawa(Uruma)	0.021	0.020	0.020	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.0133～0.0575

*Figures for Miyagi Prefecture are measured by transportable monitoring post.
Moreover, the value of the fixed mount type monitoring post set up in Sendai City is described about the range of the value ordinary of the past.
*In Fukushima Prefecture, the monitoring post in Futaba-gun is located at an evacuated area, since it is difficult to measure, figures were measured in Momijiyama (Fukushima City) as an alternative.
* In Shimane Prefecture, readings are measured by alternative machine from 5pm on April 4 because of setting up the equipment.
*These figures are estimated as 1 μGy/h=1 μSv/h.
*The table was made by MEXT, based on the reports from prefectures.
*Usual value band means a range of the maximum and minimum value observed before the earthquake.

Reading of environmental radioactivity level by prefecture

2011.4.9 19:00 (μSv/h)

	Prefecture(City)	4/9										
		7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	Usual Value Band
1	Hokkaido(Sapporo)	0.029	0.029	0.029	0.029	0.028	0.029	0.028	0.029	0.029	0.029	0.02～0.105
2	Aomori(Aomori)	0.028	0.027	0.027	0.027	0.029	0.035	0.034	0.031	0.028	0.027	0.017～0.102
3	Iwate(Morioka)	0.031	0.031	0.031	0.032	0.031	0.030	0.029	0.027	0.025	0.024	0.014～0.084
4	Miyagi(Sendai)	0.088	0.087	0.088	0.086	0.084	0.084	0.085	0.085	0.085	0.084	0.0176～0.0513
5	Akita(Akita)	0.042	0.041	0.041	0.040	0.041	0.041	0.042	0.039	0.036	0.035	0.022～0.086
6	Yamagata(Yamagata)	0.061	0.060	0.060	0.059	0.059	0.059	0.058	0.057	0.056	0.056	0.025～0.082
7	Fukushima(Fukushima)	2.200	2.200	2.200	2.200	2.200	2.200	2.200				0.037～0.046
8	Ibaraki(Mito)	0.155	0.157	0.155	0.153	0.154	0.152	0.150	0.149	0.149	0.150	0.036～0.056
9	Tochigi(Utsunomiya)	0.077	0.080	0.080	0.080	0.080	0.079	0.077	0.077	0.078	0.077	0.030～0.067
10	Gunma(Maebashi)	0.046	0.045	0.044	0.043	0.043	0.043	0.043	0.044	0.043	0.042	0.017～0.049
11	Saitama(Saitama)	0.065	0.065	0.065	0.065	0.065	0.065	0.065	0.066	0.066	0.066	0.031～0.060
12	Chiba(Ichihara)	0.058	0.059	0.058	0.058	0.059	0.058	0.058	0.058	0.057	0.059	0.022～0.044
13	Tokyo(Shinjuku)	0.084	0.084	0.084	0.085	0.085	0.084	0.084	0.084	0.083	0.083	0.028～0.079
14	Kanagawa(Chigasaki)	0.061	0.060	0.060	0.061	0.061	0.061	0.061	0.059	0.058	0.058	0.035～0.069
15	Niigata(Niigata)	0.052	0.055	0.052	0.054	0.058	0.060	0.057	0.051	0.048	0.046	0.031～0.153
16	Toyama(Imizu)	0.056	0.052	0.051	0.053	0.050	0.048	0.047	0.047	0.047	0.047	0.029～0.147
17	Ishikawa(Kanazawa)	0.058	0.054	0.053	0.051	0.048	0.049	0.048	0.048	0.047	0.047	0.0291～0.1275
18	Fukui(Fukui)	0.055	0.052	0.052	0.050	0.047	0.045	0.045	0.045	0.045	0.045	0.032～0.097
19	Yamanashi(Kohu)	0.045	0.045	0.045	0.044	0.044	0.043	0.043	0.043	0.043	0.043	0.040～0.066
20	Nagano(Nagano)	0.047	0.046	0.045	0.044	0.043	0.045	0.048	0.046	0.043	0.042	0.0299～0.0974
21	Gifu(Kakamigahara)	0.066	0.066	0.064	0.062	0.061	0.061	0.060	0.061	0.060	0.060	0.057～0.110
22	Shizuoka(Shizuoka)	0.048	0.049	0.049	0.048	0.047	0.044	0.043	0.041	0.041	0.040	0.0281～0.0765
23	Aichi(Nagoya)	0.043	0.043	0.041	0.041	0.040	0.039	0.040	0.039	0.039	0.039	0.035～0.074
24	Mie(Yokkaichi)	0.051	0.049	0.047	0.047	0.046	0.046	0.046	0.046	0.046	0.046	0.0416～0.0789
25	Shiga(Otsu)	0.041	0.038	0.035	0.034	0.034	0.034	0.033	0.033	0.032	0.033	0.031～0.061
26	Kyoto(Kyoto)	0.051	0.045	0.040	0.038	0.038	0.038	0.038	0.037	0.038	0.037	0.033～0.087
27	Osaka(Osaka)	0.046	0.046	0.044	0.043	0.042	0.042	0.042	0.042	0.043	0.042	0.042～0.061
28	Hyogo(Kobe)	0.037	0.037	0.038	0.040	0.039	0.037	0.037	0.037	0.037	0.037	0.035～0.076
29	Nara(Nara)	0.055	0.057	0.054	0.050	0.048	0.048	0.047	0.048	0.048	0.047	0.046～0.080
30	Wakayama(Wakayama)	0.033	0.032	0.031	0.032	0.032	0.032	0.032	0.031	0.031	0.032	0.031～0.056
31	Tottori(Tohhaku)	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.036～0.110
32	Shimane(Matsue)	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.037～0.131
33	Okayama(Okayama)	0.050	0.049	0.049	0.049	0.048	0.049	0.049	0.049	0.048	0.048	0.043～0.104
34	Hiroshima(Hiroshima)	0.047	0.046	0.046	0.046	0.046	0.046	0.047	0.047	0.047	0.047	0.035～0.069
35	Yamaguchi(Yamaguchi)	0.091	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.084～0.128
36	Tokushima(Tokushima)	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.037～0.067
37	Kagawa(Takamastu)	0.055	0.057	0.062	0.062	0.054	0.056	0.060	0.059	0.053	0.055	0.051～0.077
38	Ehime(Matsuyama)	0.047	0.048	0.048	0.048	0.048	0.048	0.048	0.047	0.048	0.047	0.045～0.074
39	Kochi(Kochi)	0.027	0.027	0.026	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.019～0.054
40	Fukuoka(Dazaifu)	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.034～0.079
41	Saga(Saga)	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.039	0.039	0.039	0.037～0.086
42	Nagasaki(Ohmura)	0.030	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.027～0.069
43	Kumamoto(Uto)	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.021～0.067
44	Oita(Oita)	0.050	0.050	0.049	0.050	0.050	0.049	0.049	0.049	0.050	0.049	0.048～0.085
45	Miyazaki(Miyazaki)	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.0243～0.0664
46	Kagoshima(Kagoshima)	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.0306～0.0943
47	Okinawa(Uruma)	0.021	0.021	0.021	0.021	0.021	0.020	0.020	0.021	0.021	0.021	0.0133～0.0575

*Figures for Miyagi Prefecture are measured by transportable monitoring post.
Moreover, the value of the fixed mount type monitoring post set up in Sendai City is described about the range of the value ordinary of the past.
*In Fukushima Prefecture, the monitoring post in Futaba-gun is located at an evacuated area, since it is difficult to measure, figures were measured in Momijiyama (Fukushima City) as an alternative.
* In Shimane Prefecture, readings are measured by alternative machine from 5pm on April 4 because of setting up the equipment.
*These figures are estimated as 1μGy/h=1μSv/h.
*The table was made by MEXT, based on the reports from prefectures.
*Usual value band means a range of the maximum and minimum value observed before the earthquake.

News Release

Readings at Monitoring Post out of 20 Km Zone of Fukushima Dai-ichi NPP

As of 13:00 April 9, 2011
Ministry of Education, Culture, Sports, Science and Technology (MEXT)

○Monitoring Outputs by MEXT

＊1 measured by Geiger-Müller counter
＊2 measured by ionization chamber type survey meter
＊3 measured by NaI scintillator detector
＊4 variation range of the measuring data in measuring time

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : μSv / h)	Weather	Reading by
Reading Point 【1】 (約60kmNorth/West)	2011/4/9 8:35	0.8 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【2】 (約55kmNorth/West)	2011/4/9 9:03	3.8 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【3】 (約45kmNorth/West)	2011/4/9 9:54	3.0 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【5】 (約45kmNorth)	2011/4/9 10:32	1.1 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【6】 (約35kmNorth)	2011/4/9 10:49	1.2 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【7】 (約35kmNorth)	2011/4/9 10:56	1.5 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【14】 (約35kmWest)	2011/4/9 11:54	0.3 *2	Rain	MEXT
Reading Point 【15】 (約35kmWest)	2011/4/9 11:45	1.1 *2	Rain	MEXT
Reading Point 【31】 (約30kmWest/North/West)	2011/4/9 10:23	10.7 *2	Rain	MEXT
Reading Point 【32】 (約30kmNorth/West)	2011/4/9 10:43	26.1 *2	Rain	MEXT
Reading Point 【33】 (約30kmNorth/West)	2011/4/9 10:51	15.3 *2	Rain	MEXT
Reading Point 【34】 (約30kmNorth/West)	2011/4/9 9:47	5.1 *2	Rain	MEXT
Reading Point 【36】 (約40kmNorth/West)	2011/4/9 11:38	3.1 *2	Rain	MEXT
Reading Point 【37】 (約50kmNorth/West)	2011/4/9 9:46	4.0 *2	Rain	JAEA (Japan Atomic Energy Agency)

＊1 measured by Geiger-Müller counter
＊2 measured by ionization chamber type survey meter
＊3 measured by NaI scintillator detector
＊4 variation range of the measuring data in measuring time

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : μSv / h)	Weather	Reading by
Reading Point 【38】 (約35kmSouth)	2011/4/9 11:26	0.7 ＊2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【39】 (約45kmNorth)	2011/4/9 10:16	1.4 ＊2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【74】 (約35kmSouth)	2011/4/9 11:04	0.5 ＊2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【75】 (約45kmSouth)	2011/4/9 10:39	0.7 ＊2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【76】 (約20kmSouth/West)	2011/4/9 10:50	0.5 ＊2	Rain	MEXT
Reading Point 【79】 (約30kmNorth/West)	2011/4/9 10:16	12.3 ＊2	Rain	MEXT
Reading Point 【80】 (約25kmNorth)	2011/4/9 11:24	1.2 ＊2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【83】 (約20kmNorth/West)	2011/4/9 10:02	47.5 ＊2	Rain	MEXT
Reading Point 【84】 (約40kmSouth/West)	2011/4/9 10:03	0.3 ＊2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【85】 (約60kmNorth/West)	2011/4/9 6:00	0.2 ＊2	No Rain	Ministry of Defense
Reading Point 【86】 (約55kmWest)	2011/4/9 6:00	1.2 ＊2	No Rain	Ministry of Defense
Reading Point 【87】 (約30kmWest/South/West)	2011/4/9 6:00	1.3 ＊2	Rain	Ministry of Defense
Reading Point 【101】 (約55kmNorth/West)	2011/4/9 9:25	1.7 ＊2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【103】 (約20kmNorth)	2011/4/9 11:45	1.2 ＊2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【105】 (約20kmWest)	2011/4/9 11:20	0.4 ＊2	Rain	MEXT
Reading Point 【106】 (約30kmSouth/West)	2011/4/9 10:30	0.8 ＊2	Rain	MEXT

2011.4.9 13:00 (Bq/kg)

	Prefecture (City)	Drinking Water				
		I−131		Cs−134,Cs−137		Remarks
1	Hokkaido(Sapporo City)	Not Detectable		Not Detectable		
2	Aomori(Aomori City)	Not Detectable		Not Detectable		
3	Iwate(Morioka City)	Not Detectable		Not Detectable		
4	Miyagi	-		-		*Refer to the website of Miyagi Pref (http://www.pref.miyagi.jp/gentai/Press/PressH230315.html)
5	Akita(Akita City)	Not Detectable		Not Detectable		
6	Yamagata(Yamagata City)	Not Detectable		Not Detectable		
7	Fukushima	-		-		*Refer to the website of Fukushima Pref (http://www.pref.fukushima.jp/j/index.htm)
8	Ibaraki(Hitachinaka City)	1.2	(Under the reference value)	Not Detectable		
9	Tochigi(Utsunomiya City)	4.8	(Under the reference value)	4.0	(Under the reference value)	
10	Gunma(Maebashi City)	1.0	(Under the reference value)	Not Detectable		
11	Saitama(Saitama City)	0.70	(Under the reference value)	0.51	(Under the reference value)	
12	Chiba(Ichihara City)	Not Detectable		Not Detectable		
13	Tokyo(Shinjuku Ward)	0.89	(Under the reference value)	0.48	(Under the reference value)	
14	Kanagawa(Chigasaki City)	0.79	(Under the reference value)	Not Detectable		
15	Niigata(Niigata City)	0.53	(Under the reference value)	Not Detectable		
16	Toyama(Imizu City)	Not Detectable		Not Detectable		
17	Ishikawa(Kanazawa City)	Not Detectable		Not Detectable		
18	Fukui(Fukui City)	Not Detectable		Not Detectable		
19	Yamanashi(Kofu City)	Not Detectable		Not Detectable		
20	Nagano(Nagano City)	Not Detectable		Not Detectable		
21	Gifu(Kakamigahara City)	Not Detectable		Not Detectable		
22	Shizuoka(Shizuoka City)	Not Detectable		Not Detectable		
23	Aichi(Nagoya City)	Not Detectable		Not Detectable		
24	Mie(Yokkaichi City)	Not Detectable		Not Detectable		
25	Shiga(Otsu City)	Not Detectable		Not Detectable		
26	Kyoto(Kyoto City)	Not Detectable		Not Detectable		
27	Osaka(Osaka City)	Not Detectable		Not Detectable		
28	Hyogo(Kobe City)	Not Detectable		Not Detectable		
29	Nara(Nara City)	Not Detectable		Not Detectable		
30	Wakayama(Wakayama City)	Not Detectable		Not Detectable		
31	Tottori(Tohaku District)	Not Detectable		Not Detectable		
32	Shimane(Matsue City)	Not Detectable		Not Detectable		
33	Okayama(Okayama City)	Not Detectable		Not Detectable		
34	Hiroshima(Hiroshima City)	Not Detectable		Not Detectable		
35	Yamaguchi(Ube City)	Not Detectable		Not Detectable		
36	Tokushima(Tokushima City)	Not Detectable		Not Detectable		
37	Kagawa(Takamatsu City)	Not Detectable		Not Detectable		
38	Ehime(Yawatahama City)	Not Detectable		Not Detectable		
39	Kochi(Kochi City)	Not Detectable		Not Detectable		
40	Fukuoka(Dazaifu City)	Not Detectable		Not Detectable		
41	Saga(Saga City)	Not Detectable		Not Detectable		
42	Nagasaki(Omura City)	Not Detectable		Not Detectable		
43	Kumamoto(Uto City)	Not Detectable		Not Detectable		
44	Oita(Oita City)	Not Detectable		Not Detectable		
45	Miyazaki(Miyazaki City)	Not Detectable		Not Detectable		
46	Kagoshima(Kagoshima City)	Not Detectable		Not Detectable		
47	Okinawa(Naha City)	Not Detectable		Not Detectable		

*These figures are estimated as 1Bq/liter = 1Bq/kg.

*The table was made by MEXT, based on the reports from prefectures.

*"Emergency Preparedness for Nuclear Facilities(The Nuclear Safety Commission of Japan)", The index of drinking water based on the indicator about the restriction of food intake, I−131 : More than 300Bq/kg, Cs−137 : More than 200Bq/kg

News Release

Readings at Monitoring Post out of 20 Km Zone of Fukushima Dai-ichi NPP

As of 13:00 April 9, 2011
Ministry of Education, Culture, Sports, Science and Technology (MEXT)

○Monitoring Outputs by MEXT

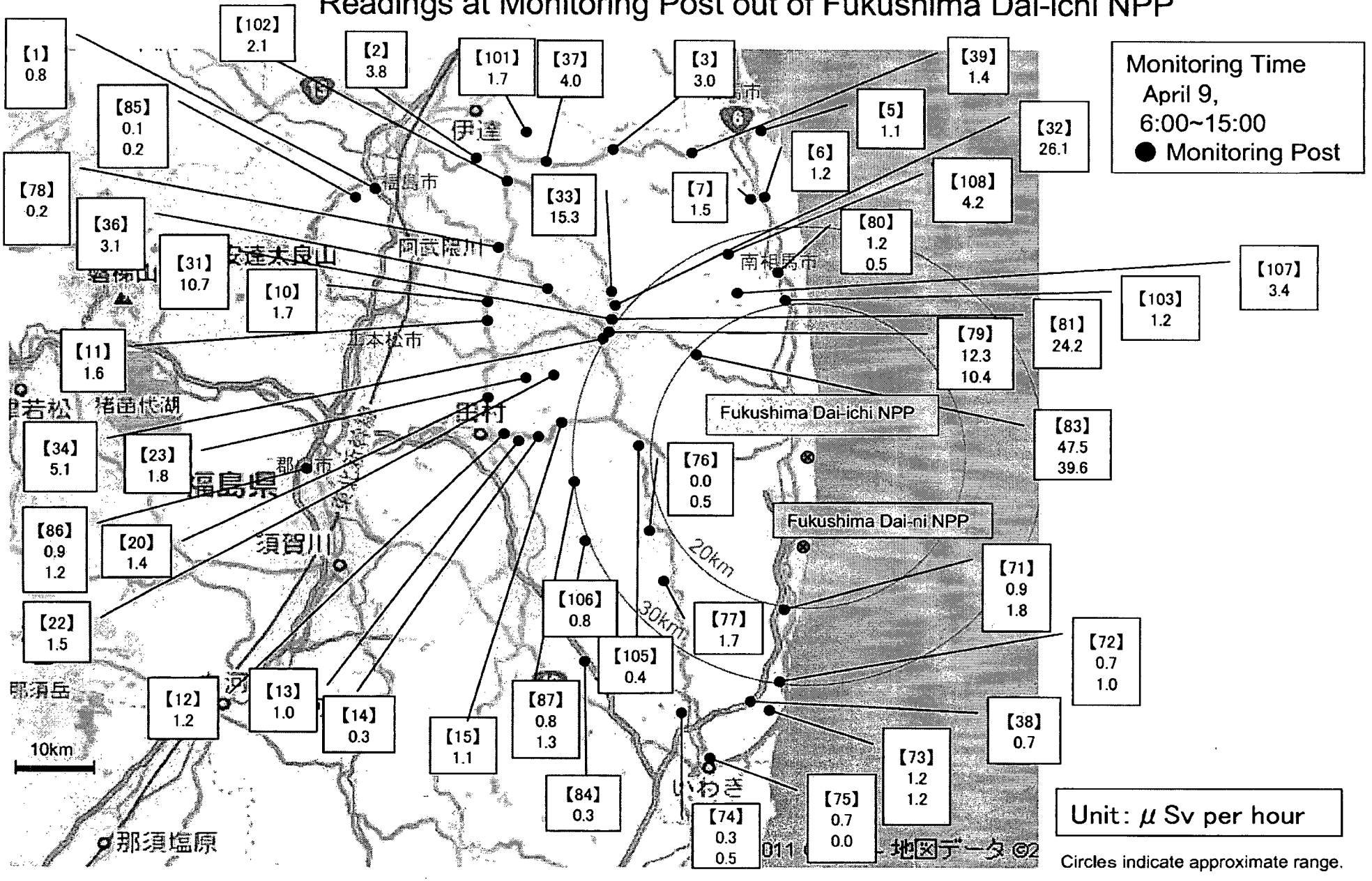
＊1 measured by Geiger-Müller counter
＊2 measured by ionization chamber type survey meter
＊3 measured by NaI scintillator detector
＊4 variation range of the measuring data in measuring time

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : μSv / h)	測定位置	測定位置の備考	Weather	Reading by
Reading Point 【1】 (約60kmNorth/West)	2011/4/9 8:35	0.8 ＊2	N: 37° 44' 12.6" E: 140° 28' 02.9"	20110330 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【2】 (約55kmNorth/West)	2011/4/9 9:03	3.8 ＊2	N: 37° 41' 12.7" E: 140° 33' 29.3"	20110330 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【3】 (約45kmNorth/West)	2011/4/9 9:54	3.0 ＊2	N: 37° 45' 40.5" E: 140° 44' 19.9"	20110330 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【5】 (約45kmNorth)	2011/4/9 10:32	1.1 ＊2	N: 37° 47' 17.4" E: 140° 55' 59.1"	20110330 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【6】 (約35kmNorth)	2011/4/9 10:49	1.2 ＊2	N: 37° 42' 09.5" E: 140° 58' 04.6"	20110330 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【7】 (約35kmNorth)	2011/4/9 10:56	1.5 ＊2	N: 37° 41' 49.0" E: 140° 57' 57.7"	20110330 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【14】 (約35kmWest)	2011/4/9 11:54	0.3 ＊2	N: 37° 26' 09.4" E: 140° 38' 49.5"	20110330 確認	Rain	MEXT
Reading Point 【15】 (約35kmWest)	2011/4/9 11:45	1.1 ＊2	N: 37° 26' 54.0" E: 140° 40' 53.2"	20110330 確認	Rain	MEXT
Reading Point 【31】 (約30kmWest/North/West)	2011/4/9 10:23	10.7 ＊2	N: 37° 33' 03.2" E: 140° 44' 25.0"	20110330 確認	Rain	MEXT
Reading Point 【32】 (約30kmNorth/West)	2011/4/9 10:43	26.1 ＊2	N: 37° 33' 03.2" E: 140° 44' 25.0"	20110330 確認	Rain	MEXT
Reading Point 【33】 (約30kmNorth/West)	2011/4/9 10:51	15.3 ＊2	N: 37° 33' 03.2" E: 140° 44' 25.0"	20110330 確認	Rain	MEXT
Reading Point 【34】 (約30kmNorth/West)	2011/4/9 9:47	5.1 ＊2	N: 37° 33' 03.2" E: 140° 44' 25.0"	20110330 確認	Rain	MEXT
Reading Point 【36】 (約40kmNorth/West)	2011/4/9 11:38	3.1 ＊2	N: 37° 36' 20.6" E: 140° 37' 58.9"	20110331 確認	Rain	MEXT
Reading Point 【37】 (約50kmNorth/West)	2011/4/9 9:46	4.0 ＊2	N: 37° 45' 06.7" E: 140° 41' 29.2"	20110402 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【38】 (約35kmSouth)	2011/4/9 11:26	0.7 ＊2	N: 37° 07' 18.4" E: 140° 57' 03.8"	20110401 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【39】 (約45kmNorth)	2011/4/9 10:16	1.4 ＊2	N: 37° 45' 52.7" E: 140° 51' 47.1"	20110402 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【74】 (約35kmSouth)	2011/4/9 11:04	0.5 ＊2	N: 37° 33' 03.2" E: 140° 44' 25.0"	20110330 確認	Rain	JAEA (Japan Atomic Energy Agency)

*1 measured by Geiger–Müller counter
*2 measured by ionization chamber type survey meter
*3 measured by NaI scintillator detector
*4 variation range of the measuring data in measuring time

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : μSv / h)	測定位置	測定位置の備考	Weather	Reading by
ding Point 【75】 (約45kmSouth)	2011/4/9 10:39	0.7 *2	N: 37° 33' 03.2" E: 140° 44' 25.0"	20110330 確認	Rain	JAEA (Japan Atomic Energy Agency)
ding Point 【76】 (約20kmSouth/West)	2011/4/9 10:50	0.5 *2	N: 37° 20' 25.3" E: 140° 48' 25.7"	20110402 確認	Rain	MEXT
ding Point 【79】 (約30kmNorth/West)	2011/4/9 10:16	12.3 *2	N: 37° 33' 03.2" E: 140° 44' 25.0"	20110330 確認	Rain	MEXT
ding Point 【80】 (約25kmNorth)	2011/4/9 11:24	1.2 *2	N: 37° 33' 22.2" E: 140° 45' 46.9"	20110323 確認	Rain	JAEA (Japan Atomic Energy Agency)
ding Point 【83】 (約20kmNorth/West)	2011/4/9 10:02	47.5 *2	N: 37° 33' 03.2" E: 140° 44' 25.0"	20110330 確認	Rain	MEXT
ding Point 【84】 (約40kmSouth/West)	2011/4/9 10:03	0.3 *2	N: 37° 33' 03.2" E: 140° 44' 25.0"	20110330 確認	Rain	JAEA (Japan Atomic Energy Agency)
ding Point 【85】 (約60kmNorth/West)	2011/4/9 6:00	0.2 *2	N: 37° 42' 45.0" E: 140° 22' 59.0"	20110330 確認	No Rain	Ministry of Defense
ding Point 【86】 (約55kmWest)	2011/4/9 6:00	1.2 *2	N: 37° 23' 57.0" E: 140° 19' 35.0"	20110330 確認	No Rain	Ministry of Defense
ding Point 【87】 (約30kmWest/South/West)	2011/4/9 6:00	1.3 *2	N: 37° 21' 42.0" E: 140° 42' 54.0"	20110330 確認	Rain	Ministry of Defense
ding Point【101】(約55kmNorth/West)	2011/4/9 9:25	1.7 *2	N: 37° 23' 48.0" E: 140° 21' 50.7"	20110404 確認	Rain	JAEA (Japan Atomic Energy Agency)
ding Point【103】 (約20kmNorth)	2011/4/9 11:45	1.2 *2	N: 37° 23' 48.0" E: 140° 21' 50.7"	20110404 確認	Rain	JAEA (Japan Atomic Energy Agency)
ding Point【105】 (約20kmWest)	2011/4/9 11:20	0.4 *2	N: 37° 23' 48.0" E: 140° 21' 50.7"	20110404 確認	Rain	MEXT
ding Point【106】(約30kmSouth/West)	2011/4/9 10:30	0.8 *2	N: 37° 23' 48.0" E: 140° 21' 50.7"	20110404 確認	Rain	MEXT

Readings at Monitoring Post out of Fukushima Dai-ichi NPP



News Release

Readings at Monitoring Post out of 20 Km Zone of Fukushima Dai-ichi NPP

As of 16:00 April 9, 2011
Ministry of Education, Culture, Sports, Science and Technology (MEXT)

○Monitoring Outputs by MEXT　　*Boldface and underlined readings are new.

＊1 measured by Geiger-Müller counter
＊2 measured by ionization chamber type survey meter
＊3 measured by NaI scintillator detector
＊4 variation range of the measuring data in measuring time

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : μSv / h)	Weather	Reading by
Reading Point 【1】 (About60kmNorth/West)	2011/4/9 8:35	0.8 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【2】 (About55kmNorth/West)	2011/4/9 9:03	3.8 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【3】 (About45kmNorth/West)	2011/4/9 9:54	3.0 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【5】 (About45kmNorth)	2011/4/9 10:32	1.1 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【6】 (About35kmNorth)	2011/4/9 10:49	1.2 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【7】 (About35kmNorth)	2011/4/9 10:56	1.5 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【10】 (About40kmNorth/West)	**2011/4/9 14:54**	**1.7 *2**	**No Rain**	**MEXT**
Reading Point 【11】 (About40kmNorth/West)	**2011/4/9 14:41**	**1.6 *2**	**Rain**	**MEXT**
Reading Point 【12】 (About40kmWest)	**2011/4/9 12:15**	**1.2 *2**	**Rain**	**MEXT**
Reading Point 【13】 (About40kmWest)	**2011/4/9 12:04**	**1.0 *2**	**Rain**	**MEXT**
Reading Point 【14】 (About35kmWest)	2011/4/9 11:54	0.3 *2	Rain	MEXT
Reading Point 【15】 (About35kmWest)	2011/4/9 11:45	1.1 *2	Rain	MEXT
Reading Point 【20】 (About45kmNorth/West)	**2011/4/9 12:39**	**1.4 *2**	**Rain**	**MEXT**
Reading Point 【22】 (About35kmWest/North/West)	**2011/4/9 12:55**	**1.5 *2**	**Rain**	**MEXT**

＊1 measured by Geiger–Müller counter
＊2 measured by ionization chamber type survey meter
＊3 measured by NaI scintillator detector
＊4 variation range of the measuring data in measuring time

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : μSv / h)	Weather	Reading by
Reading Point 【23】 (About35kmWest/North/West)	2011/4/9 12:48	1.8 *2	Rain	MEXT
Reading Point 【31】 (About30kmWest/North/West)	2011/4/9 10:23	10.7 *2	Rain	MEXT
Reading Point 【32】 (About30kmNorth/West)	2011/4/9 10:43	26.1 *2	Rain	MEXT
Reading Point 【33】 (About30kmNorth/West)	2011/4/9 10:51	15.3 *2	Rain	MEXT
Reading Point 【34】 (About30kmNorth/West)	2011/4/9 9:47	5.1 *2	Rain	MEXT
Reading Point 【36】 (About40kmNorth/West)	2011/4/9 11:38	3.1 *2	Rain	MEXT
Reading Point 【37】 (About50kmNorth/West)	2011/4/9 9:46	4.0 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【38】 (About35kmSouth)	2011/4/9 11:26	0.7 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【39】 (About45kmNorth)	2011/4/9 10:16	1.4 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【71】 (About25kmSouth)	2011/4/9 12:43	0.9 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【71】 (About25kmSouth)	2011/4/9 8:03	1.8 *2	Rain	Police (counter NBC operations unit)
Reading Point 【72】 (About30kmSouth)	2011/4/9 12:30	0.7 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【72】 (About30kmSouth)	2011/4/9 8:36	1.0 *2	Rain	Police (counter NBC operations unit)
Reading Point 【73】 (About35kmSouth)	2011/4/9 12:11	1.2 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【73】 (About35kmSouth)	2011/4/9 9:01	1.2 *2	Rain	Police (counter NBC operations unit)
Reading Point 【74】 (About35kmSouth)	2011/4/9 12:53	0.3 *2	Rain	Police (counter NBC operations unit)
Reading Point 【74】 (About35kmSouth)	2011/4/9 11:04	0.5 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【75】 (About45kmSouth)	2011/4/9 10:39	0.7 *2	Rain	JAEA (Japan Atomic Energy Agency)

＊1 measured by Geiger–Müller counter
＊2 measured by ionization chamber type survey meter
＊3 measured by NaI scintillator detector
＊4 variation range of the measuring data in measuring time

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : μSv / h)	Weather	Reading by
Reading Point 【75】 (About45kmSouth)	2011/4/9 7:13	0.0 *2	Rain	Police (counter NBC operations unit)
Reading Point 【76】 (About20kmSouth/West)	2011/4/9 11:41	0.0 *2	Rain	Police (counter NBC operations unit)
Reading Point 【76】 (About20kmSouth/West)	2011/4/9 10:50	0.5 *2	Rain	MEXT
Reading Point 【77】 (About25kmSouth/West)	2011/4/9 12:01	1.7 *2	Rain	Police (counter NBC operations unit)
Reading Point 【78】 (About45kmNorth/West)	2011/4/9 8:00	0.2 *2	Rain	Police (counter NBC operations unit)
Reading Point 【79】 (About30kmNorth/West)	2011/4/9 10:16	12.3 *2	Rain	MEXT
Reading Point 【79】 (About30kmNorth/West)	2011/4/9 8:49	10.4 *2	Rain	Police (counter NBC operations unit)
Reading Point 【80】 (About25kmNorth)	2011/4/9 11:24	1.2 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【80】 (About25kmNorth)	2011/4/9 11:05	0.5 *2	Rain	Police (counter NBC operations unit)
Reading Point 【81】 (About30kmNorth/West)	2011/4/9 8:41	24.2 *2	Rain	Police (counter NBC operations unit)
Reading Point 【83】 (About20kmNorth/West)	2011/4/9 10:02	47.5 *2	Rain	MEXT
Reading Point 【83】 (About20kmNorth/West)	2011/4/9 9:04	39.6 *2	Rain	Police (counter NBC operations unit)
Reading Point 【84】 (About40kmSouth/West)	2011/4/9 10:03	0.3 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【85】 (About60kmNorth/West)	2011/4/9 14:00	0.1 *2	No Rain	Ministory of Defence
Reading Point 【85】 (About60kmNorth/West)	2011/4/9 6:00	0.2 *2	No Rain	Ministory of Defence
Reading Point 【86】 (About55kmWest)	2011/4/9 14:00	0.9 *2	Rain	Ministory of Defence
Reading Point 【86】 (About55kmWest)	2011/4/9 6:00	1.2 *2	No Rain	Ministory of Defence
Reading Point 【87】 (About30kmWest/South/West)	2011/4/9 14:00	0.8 *2	Rain	Ministory of Defence

＊1 measured by Geiger–Müller counter
＊2 measured by ionization chamber type survey meter
＊3 measured by NaI scintillator detector
＊4 variation range of the measuring data in measuring time

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : μSv / h)	Weather	Reading by
Reading Point【87】(About30kmWest/South/West)	2011/4/9 6:00	1.3 *2	Rain	Ministory of Defence
Reading Point【101】(About55kmNorth/West)	2011/4/9 9:25	1.7 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【102】(About50kmNorth/West)	2011/4/9 13:33	2.1 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【103】(About20kmNorth)	2011/4/9 11:45	1.2 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【105】(About20kmWest)	2011/4/9 11:20	0.4 *2	Rain	MEXT
Reading Point【106】(About30kmSouth/West)	2011/4/9 10:30	0.8 *2	Rain	MEXT
Reading Point【107】(About25kmNorth/North/West)	2011/4/9 12:05	3.4 *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【108】(About30kmNorth/North/West)	2011/4/9 12:43	4.2 *2	Rain	JAEA (Japan Atomic Energy Agency)

Reading of environmental radioactivity level by prefecture

2011.4.9 13:00

(μSv/h)

	Prefecture(City)	4/8															
		9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Usual Value Band
1	Hokkaido(Sapporo)	0.030	0.030	0.029	0.029	0.029	0.029	0.028	0.028	0.028	0.028	0.029	0.029	0.029	0.028	0.029	0.02～0.105
2	Aomori(Aomori)	0.034	0.035	0.036	0.036	0.032	0.028	0.028	0.027	0.026	0.026	0.027	0.027	0.027	0.027	0.027	0.017～0.102
3	Iwate(Morioka)	0.026	0.027	0.027	0.028	0.031	0.030	0.028	0.026	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.014～0.084
4	Miyagi(Sendai)	0.080	0.083	0.091	0.090	0.089	0.088	0.088	0.088	0.088	0.087	0.087	0.087	0.086	0.087	0.087	0.0176～0.0513
5	Akita(Akita)	0.042	0.041	0.042	0.043	0.041	0.040	0.039	0.036	0.035	0.035	0.034	0.035	0.035	0.035	0.036	0.022～0.086
6	Yamagata(Yamagata)	0.060	0.060	0.059	0.059	0.060	0.060	0.060	0.059	0.060	0.060	0.059	0.059	0.059	0.059	0.059	0.025～0.082
7	Fukushima(Fukushima)	2.200	2.300	2.300	2.300	2.300	2.300	2.200	2.300	2.300	2.300	2.300	2.300	2.200	2.200	2.300	0.037～0.046
8	Ibaraki(Mito)	0.153	0.154	0.154	0.154	0.154	0.153	0.152	0.152	0.152	0.152	0.151	0.151	0.151	0.150	0.150	0.036～0.056
9	Tochigi(Utsunomiya)	0.076	0.076	0.076	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.030～0.067
10	Gunma(Maebashi)	0.044	0.044	0.044	0.043	0.043	0.043	0.043	0.043	0.043	0.042	0.043	0.043	0.043	0.043	0.044	0.017～0.045
11	Saitama(Saitama)	0.066	0.066	0.066	0.066	0.066	0.065	0.065	0.065	0.065	0.066	0.066	0.065	0.066	0.065	0.066	0.031～0.060
12	Chiba(Ishihara)	0.058	0.058	0.058	0.057	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.022～0.044
13	Tokyo(Shinjuku)	0.085	0.085	0.085	0.085	0.085	0.085	0.085	0.084	0.085	0.085	0.084	0.084	0.084	0.084	0.085	0.028～0.079
14	Kanagawa(Chigasaki)	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.060	0.059	0.059	0.035～0.069
15	Niigata(Niigata)	0.048	0.048	0.050	0.056	0.056	0.061	0.060	0.057	0.055	0.054	0.051	0.048	0.047	0.046	0.047	0.031～0.153
16	Toyama(Imizu)	0.048	0.048	0.051	0.052	0.054	0.058	0.057	0.053	0.053	0.053	0.051	0.050	0.049	0.048	0.049	0.029～0.147
17	Ishikawa(Kanazawa)	0.049	0.048	0.048	0.048	0.049	0.049	0.050	0.052	0.051	0.051	0.051	0.050	0.048	0.048	0.048	0.0291～0.1275
18	Fukui(Fukui)	0.048	0.048	0.048	0.048	0.048	0.049	0.049	0.049	0.050	0.051	0.050	0.048	0.047	0.047	0.047	0.032～0.097
19	Yamanashi(Kohu)	0.043	0.043	0.042	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.040～0.064
20	Nagano(Nagano)	0.043	0.043	0.043	0.043	0.044	0.044	0.044	0.044	0.043	0.043	0.044	0.043	0.043	0.043	0.043	0.0299～0.0974
21	Gifu(Kakamigahara)	0.060	0.063	0.064	0.065	0.064	0.064	0.064	0.063	0.064	0.063	0.064	0.064	0.064	0.065	0.063	0.057～0.110
22	Shizuoka(Shizuoka)	0.042	0.042	0.043	0.042	0.042	0.041	0.042	0.043	0.043	0.042	0.041	0.042	0.042	0.041	0.041	0.0281～0.0765
23	Aichi(Nagoya)	0.038	0.039	0.040	0.042	0.043	0.042	0.041	0.041	0.040	0.039	0.039	0.040	0.041	0.040	0.040	0.035～0.074
24	Mie(Yokkaichi)	0.046	0.047	0.048	0.048	0.048	0.048	0.048	0.047	0.047	0.047	0.046	0.047	0.046	0.046	0.048	0.0416～0.0789
25	Shiga(Otsu)	0.034	0.035	0.036	0.036	0.036	0.035	0.034	0.034	0.034	0.035	0.035	0.036	0.036	0.037	0.037	0.031～0.061
26	Kyoto(Kyoto)	0.038	0.040	0.043	0.043	0.042	0.041	0.040	0.040	0.040	0.041	0.042	0.042	0.043	0.045	0.045	0.033～0.087
27	Osaka(Osaka)	0.042	0.044	0.046	0.047	0.046	0.046	0.045	0.045	0.045	0.045	0.045	0.046	0.046	0.046	0.045	0.042～0.061
28	Hyogo(Kobe)	0.038	0.039	0.040	0.043	0.042	0.041	0.040	0.042	0.043	0.043	0.045	0.047	0.046	0.042	0.042	0.035～0.076
29	Nara(Nara)	0.048	0.048	0.050	0.050	0.050	0.049	0.049	0.048	0.049	0.049	0.049	0.048	0.049	0.049	0.049	0.046～0.08
30	Wakayama(Wakayama)	0.031	0.032	0.034	0.034	0.035	0.033	0.034	0.035	0.036	0.037	0.036	0.035	0.034	0.035	0.034	0.031～0.056
31	Tottori(Tohhaku)	0.064	0.064	0.065	0.065	0.066	0.066	0.066	0.071	0.071	0.069	0.070	0.070	0.069	0.068	0.066	0.036～0.11
32	Shimane(Matsue)	0.051	0.050	0.055	0.055	0.056	0.061	0.061	0.057	0.051	0.047	0.049	0.052	0.049	0.047	0.046	0.037～0.131
33	Okayama(Okayama)	0.052	0.054	0.053	0.051	0.050	0.051	0.050	0.049	0.049	0.049	0.049	0.050	0.051	0.050	0.051	0.043～0.104
34	Hiroshima(Hiroshima)	0.048	0.049	0.049	0.049	0.049	0.049	0.052	0.053	0.051	0.049	0.047	0.046	0.046	0.046	0.046	0.035～0.069
35	Yamaguchi(Yamaguchi)	0.096	0.097	0.097	0.096	0.094	0.098	0.098	0.093	0.091	0.093	0.092	0.091	0.090	0.090	0.090	0.084～0.128
36	Tokushima(Tokushima)	0.037	0.037	0.037	0.038	0.037	0.037	0.037	0.038	0.037	0.038	0.038	0.037	0.038	0.038	0.038	0.037～0.067
37	Kagawa(Takamastu)	0.055	0.056	0.058	0.057	0.057	0.057	0.057	0.057	0.064	0.061	0.060	0.059	0.058	0.061	0.062	0.051～0.077
38	Ehime(Matsuyama)	0.047	0.047	0.048	0.048	0.048	0.048	0.048	0.049	0.048	0.047	0.048	0.049	0.050	0.048	0.048	0.045～0.074
39	Kochi(Kochi)	0.026	0.027	0.030	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.030	0.029	0.027	0.027	0.026	0.023～0.076
40	Fukuoka(Dazaifu)	0.041	0.041	0.043	0.046	0.048	0.043	0.039	0.037	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.034～0.079
41	Saga(Saga)	0.051	0.050	0.051	0.051	0.049	0.042	0.040	0.039	0.039	0.039	0.039	0.039	0.040	0.040	0.040	0.037～0.086
42	Nagasaki(Ohmura)	0.036	0.039	0.043	0.043	0.035	0.030	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.027～0.069
43	Kumamoto(Uto)	0.032	0.033	0.034	0.033	0.033	0.036	0.038	0.034	0.032	0.029	0.027	0.027	0.027	0.027	0.027	0.021～0.067
44	Oita(Oita)	0.049	0.049	0.049	0.050	0.051	0.051	0.050	0.050	0.052	0.056	0.056	0.052	0.050	0.050	0.050	0.048～0.085
45	Miyazaki(Miyazaki)	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.027	0.028	0.027	0.028	0.027	0.028	0.027	0.027	0.0243～0.0664
46	Kagoshima(Kagoshima)	0.038	0.039	0.038	0.040	0.040	0.038	0.038	0.038	0.039	0.038	0.038	0.036	0.035	0.035	0.035	0.0306～0.0943
47	Okinawa(Uruma)	0.020	0.021	0.021	0.020	0.021	0.021	0.021	0.021	0.021	0.020	0.020	0.021	0.021	0.021	0.021	0.0133～0.0575

*Figures for Miyagi Prefecture are measured by transportable monitoring post.

*Refer to other title "Readings at Monitoring Post out of 20 Km Zone of Fukushima Dai-ichi NPP" for the datas in Fukushima. It could not be measured by Monitoring Post since the radiation level around it is so high.

* In Shimane Prefecture, readings are measured by alternative machine from 5pm on April 4 because of setting up the equipment.

*Blanks are caused by device maintenance, but the area was measured by Monitoring Posts.

*These figures are estimated as 1 μGy/h=1 μSv/h.

*The table was made by MEXT, based on the reports from prefectures.

2011.4.9 13:00

Reading of environmental radioactivity level by prefecture

(μ Sv/h)

	Prefecture(City)	4/9									
		0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	Usual Value Band
1	Hokkaido(Sapporo)	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.02～0.105
2	Aomori(Aomori)	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.028	0.027	0.017～0.102
3	Iwate(Morioka)	0.025	0.026	0.025	0.025	0.026	0.030	0.030	0.031	0.031	0.014～0.084
4	Miyagi(Sendai)	0.086	0.086	0.086	0.085	0.086	0.088	0.088	0.088	0.087	0.0176～0.0513
5	Akita(Akita)	0.035	0.035	0.036	0.036	0.036	0.036	0.039	0.042	0.041	0.022～0.086
6	Yamagata(Yamagata)	0.060	0.060	0.059	0.059	0.060	0.060	0.061	0.061	0.060	0.025～0.082
7	Fukushima(Fukushima)	2.200	2.300	2.300	2.200	2.200	2.200	2.200	2.200	2.200	0.037～0.046
8	Ibaraki(Mito)	0.150	0.151	0.153	0.152	0.151	0.151	0.153	0.155	0.157	0.036～0.056
9	Tochigi(Utsunomiya)	0.075	0.075	0.076	0.075	0.075	0.076	0.077	0.077	0.080	0.030～0.067
10	Gunma(Maebashi)	0.044	0.045	0.045	0.045	0.046	0.046	0.045	0.046	0.045	0.017～0.045
11	Saitama(Saitama)	0.066	0.065	0.065	0.066	0.066	0.066	0.066	0.065	0.065	0.031～0.060
12	Chiba(Ishihara)	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.059	0.022～0.044
13	Tokyo(Shinjuku)	0.084	0.085	0.084	0.084	0.084	0.084	0.084	0.084	0.084	0.028～0.079
14	Kanagawa(Chigasaki)	0.060	0.059	0.059	0.059	0.060	0.061	0.062	0.061	0.060	0.035～0.069
15	Niigata(Niigata)	0.048	0.050	0.050	0.053	0.054	0.053	0.052	0.052	0.055	0.031～0.153
16	Toyama(Imizu)	0.051	0.052	0.054	0.054	0.055	0.059	0.059	0.056	0.052	0.029～0.147
17	Ishikawa(Kanazawa)	0.049	0.049	0.050	0.051	0.053	0.056	0.058	0.058	0.054	0.0291～0.1275
18	Fukui(Fukui)	0.047	0.048	0.048	0.048	0.052	0.057	0.058	0.055	0.052	0.032～0.097
19	Yamanashi(Kohu)	0.043	0.043	0.043	0.043	0.043	0.044	0.045	0.045	0.045	0.040～0.064
20	Nagano(Nagano)	0.043	0.043	0.044	0.044	0.044	0.044	0.047	0.047	0.046	0.0299～0.0974
21	Gifu(Kakamigahara)	0.064	0.065	0.067	0.065	0.067	0.067	0.066	0.066	0.066	0.057～0.110
22	Shizuoka(Shizuoka)	0.041	0.043	0.045	0.046	0.046	0.047	0.047	0.048	0.049	0.0281～0.0765
23	Aichi(Nagoya)	0.041	0.041	0.042	0.041	0.043	0.042	0.041	0.043	0.043	0.035～0.074
24	Mie(Yokkaichi)	0.049	0.048	0.048	0.050	0.050	0.049	0.051	0.051	0.049	0.0416～0.0789
25	Shiga(Otsu)	0.037	0.037	0.038	0.039	0.039	0.040	0.040	0.041	0.038	0.031～0.061
26	Kyoto(Kyoto)	0.043	0.043	0.043	0.044	0.045	0.047	0.049	0.051	0.045	0.033～0.087
27	Osaka(Osaka)	0.046	0.046	0.048	0.048	0.047	0.050	0.050	0.046	0.046	0.042～0.061
28	Hyogo(Kobe)	0.042	0.042	0.041	0.041	0.041	0.039	0.038	0.037	0.037	0.035～0.076
29	Nara(Nara)	0.049	0.049	0.052	0.054	0.051	0.052	0.055	0.055	0.057	0.046～0.08
30	Wakayama(Wakayama)	0.035	0.036	0.035	0.034	0.038	0.043	0.037	0.033	0.032	0.031～0.056
31	Tottori(Tohhaku)	0.064	0.064	0.064	0.064	0.065	0.065	0.064	0.063	0.063	0.036～0.11
32	Shimane(Matsue)	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.037～0.131
33	Okayama(Okayama)	0.052	0.053	0.053	0.051	0.049	0.049	0.049	0.050	0.049	0.043～0.104
34	Hiroshima(Hiroshima)	0.046	0.047	0.046	0.046	0.047	0.048	0.046	0.047	0.046	0.035～0.069
35	Yamaguchi(Yamaguchi)	0.090	0.090	0.090	0.090	0.091	0.090	0.090	0.091	0.090	0.084～0.128
36	Tokushima(Tokushima)	0.038	0.039	0.039	0.039	0.040	0.040	0.039	0.038	0.038	0.037～0.067
37	Kagawa(Takamastu)	0.063	0.065	0.065	0.064	0.066	0.064	0.063	0.055	0.057	0.051～0.077
38	Ehime(Matsuyama)	0.048	0.048	0.047	0.048	0.048	0.048	0.048	0.047	0.048	0.045～0.074
39	Kochi(Kochi)	0.026	0.027	0.027	0.027	0.027	0.028	0.028	0.027	0.027	0.023～0.076
40	Fukuoka(Dazaifu)	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.034～0.079
41	Saga(Saga)	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.037～0.086
42	Nagasaki(Ohmura)	0.029	0.029	0.029	0.029	0.029	0.029	0.030	0.030	0.029	0.027～0.069
43	Kumamoto(Uto)	0.027	0.027	0.027	0.028	0.029	0.028	0.027	0.027	0.027	0.021～0.067
44	Oita(Oita)	0.050	0.050	0.050	0.051	0.050	0.050	0.050	0.050	0.050	0.048～0.085
45	Miyazaki(Miyazaki)	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.0243～0.0664
46	Kagoshima(Kagoshima)	0.035	0.035	0.035	0.036	0.036	0.035	0.036	0.035	0.035	0.0306～0.0943
47	Okinawa(Uruma)	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.0133～0.0575

*Figures for Miyagi Prefecture are measured by transportable monitoring post.

*Refer to other title "Readings at Monitoring Post out of 20 Km Zone of Fukushima Dai-ichi NPP" for the datas in Fukushima.
It could not be measured by Monitoring Post since the radiation level around it is so high.

* In Shimane Prefecture, readings are measured by alternative machine from 5pm on April 4 because of setting up the equipment.

*Blanks are caused by device maintenance, but the area was measured by Monitoring Posts.

*These figures are estimated as 1 μ Gy/h=1 μ Sv/h.

*The table was made by MEXT, based on the reports from prefectures.

News Release

Readings at Monitoring Post out of 20 Km Zone of Fukushima Dai-ichi NPP

As of 16:00 April 9, 2011
Ministry of Education, Culture, Sports, Science and Technology (MEX

○Monitoring Outputs by MEXT　　*Boldface and underlined readings are new.

＊1 measured by Geiger-Müller counter
＊2 measured by ionization chamber type survey meter
＊3 measured by NaI scintillator detector
＊4 variation range of the measuring data in measuring time

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : μSv / h)	測定位置	測定位置の備考	Weather	Reading by
Reading Point 【1】 (About60kmNorth/West)	2011/4/9 8:35	0.8 *2	N: 37° 44' 12.6" E: 140° 28' 02.9"	20110330 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【2】 (About55kmNorth/West)	2011/4/9 9:03	3.8 *2	N: 37° 41' 12.7" E: 140° 33' 29.3"	20110330 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【3】 (About45kmNorth/West)	2011/4/9 9:54	3.0 *2	N: 37° 45' 40.5" E: 140° 44' 19.9"	20110330 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【5】 (About45kmNorth)	2011/4/9 10:32	1.1 *2	N: 37° 47' 17.4" E: 140° 55' 59.1"	20110330 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【6】 (About35kmNorth)	2011/4/9 10:49	1.2 *2	N: 37° 42' 09.5" E: 140° 58' 04.6"	20110330 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【7】 (About35kmNorth)	2011/4/9 10:56	1.5 *2	N: 37° 41' 49.0" E: 140° 57' 57.7"	20110330 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【10】 (About40kmNorth/West)	**2011/4/9 14:54**	**1.7 *2**	**N: 37° 36' 02.9" E: 140° 35' 07.3"**	**20110403 確認**	**No Rain**	**MEXT**
Reading Point 【11】 (About40kmNorth/West)	**2011/4/9 14:41**	**1.6 *2**	**N: 37° 34' 00.0" E: 140° 34' 48.0"**	**20110330 確認**	**Rain**	**MEXT**
Reading Point 【12】 (About40kmWest)	**2011/4/9 12:15**	**1.2 *2**	**N: 37° 25' 53.6" E: 140° 35' 44.2"**	**20110330 確認**	**Rain**	**MEXT**
Reading Point 【13】 (About40kmWest)	**2011/4/9 12:04**	**1.0 *2**	**N: 37° 26' 21.5" E: 140° 37' 20.7"**	**20110330 確認**	**Rain**	**MEXT**
Reading Point 【14】 (About35kmWest)	2011/4/9 11:54	0.3 *2	N: 37° 26' 09.4" E: 140° 38' 49.5"	20110330 確認	Rain	MEXT
Reading Point 【15】 (About35kmWest)	2011/4/9 11:45	1.1 *2	N: 37° 26' 54.0" E: 140° 40' 53.2"	20110330 確認	Rain	MEXT
Reading Point 【20】 (About45kmNorth/West)	**2011/4/9 12:39**	**1.4 *2**	**N: 37° 28' 24.2" E: 140° 34' 54.2"**	**20110330 確認**	**Rain**	**MEXT**
Reading Point 【22】 (About35kmWest/North/West)	**2011/4/9 12:55**	**1.5 *2**	**N: 37° 30' 41.3" E: 140° 39' 28.8"**	**20110330 確認**	**Rain**	**MEXT**
Reading Point 【23】 (About35kmWest/North/West)	**2011/4/9 12:48**	**1.8 *2**	**N: 37° 30' 18.9" E: 140° 34' 40.6"**	**20110330 確認**	**Rain**	**MEXT**
Reading Point 【31】 (About30kmWest/North/West)	2011/4/9 10:23	10.7 *2	N: 37° 33' 03.2" E: 140° 44' 25.0"	20110330 確認	Rain	MEXT
Reading Point 【32】 (About30kmNorth/West)	2011/4/9 10:43	26.1 *2	N: 37° 33' 03.2" E: 140° 44' 25.0"	20110330 確認	Rain	MEXT
Reading Point 【33】 (About30kmNorth/West)	2011/4/9 10:51	15.3 *2	N: 37° 33' 03.2" E: 140° 44' 25.0"	20110330 確認	Rain	MEXT

*1 measured by Geiger-Müller counter
*2 measured by ionization chamber type survey meter
*3 measured by NaI scintillator detector
*4 variation range of the measuring data in measuring time

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : μSv / h)	測定位置	測定位置の備考	Weather	Reading by
Reading Point【34】(About30kmNorth/West)	2011/4/9 9:47	5.1 *2	N: 37° 33' 03.2" E: 140° 44' 25.0"	20110330 確認	Rain	MEXT
Reading Point【36】(About40kmNorth/West)	2011/4/9 11:38	3.1 *2	N: 37° 36' 20.6" E: 140° 37' 58.9"	20110331 確認	Rain	MEXT
Reading Point【37】(About50kmNorth/West)	2011/4/9 9:46	4.0 *2	N: 37° 45' 06.7" E: 140° 41' 29.2"	20110402 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【38】(About35kmSouth)	2011/4/9 11:26	0.7 *2	N: 37° 07' 18.4" E: 140° 57' 03.8"	20110401 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【39】(About45kmNorth)	2011/4/9 10:16	1.4 *2	N: 37° 45' 52.7" E: 140° 51' 47.1"	20110402 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【71】(About25kmSouth)	2011/4/9 12:43	0.9 *2	N: 37° 12' 32.4" E: 140° 57' 08.2"	20110323 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【71】(About25kmSouth)	2011/4/9 8:03	1.8 *2	N: 37° 12' 32.4" E: 140° 57' 08.2"	20110323 確認	Rain	Police (counter NBC operations unit)
Reading Point【72】(About30kmSouth)	2011/4/9 12:30	0.7 *2			Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【72】(About30kmSouth)	2011/4/9 8:36	1.0 *2			Rain	Police (counter NBC operations unit)
Reading Point【73】(About35kmSouth)	2011/4/9 12:11	1.2 *2			Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【73】(About35kmSouth)	2011/4/9 9:01	1.2 *2			Rain	Police (counter NBC operations unit)
Reading Point【74】(About35kmSouth)	2011/4/9 12:53	0.3 *2			Rain	Police (counter NBC operations unit)
Reading Point【74】(About35kmSouth)	2011/4/9 11:04	0.5 *2			Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【75】(About45kmSouth)	2011/4/9 10:39	0.7 *2	N: 37° 33' 03.2" E: 140° 44' 25.0"	20110330 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【75】(About45kmSouth)	2011/4/9 7:13	0.0 *2			Rain	Police (counter NBC operations unit)
Reading Point【76】(About20kmSouth/West)	2011/4/9 11:41	0.0 *2	N: 37° 20' 25.3" E: 140° 48' 25.7"	20110402 確認	Rain	Police (counter NBC operations unit)
Reading Point【76】(About20kmSouth/West)	2011/4/9 10:50	0.5 *2	N: 37° 20' 25.3" E: 140° 48' 25.7"	20110402 確認	Rain	MEXT
Reading Point【77】(About25kmSouth/West)	2011/4/9 12:01	1.7 *2			Rain	Police (counter NBC operations unit)
Reading Point【78】(About45kmNorth/West)	2011/4/9 8:00	0.2 *2			Rain	Police (counter NBC operations unit)
Reading Point【79】(About30kmNorth/West)	2011/4/9 10:16	12.3 *2	N: 37° 33' 03.2" E: 140° 44' 25.0"	20110330 確認	Rain	MEXT
Reading Point【79】(About30kmNorth/West)	2011/4/9 8:49	10.4 *2	N: 37° 33' 22.2" E: 140° 45' 46.9"	20110323 確認	Rain	Police (counter NBC operations unit)
Reading Point【80】(About25kmNorth)	2011/4/9 11:24	1.2 *2	N: 37° 33' 22.2" E: 140° 45' 46.9"	20110323 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【80】(About25kmNorth)	2011/4/9 11:05	0.5 *2			Rain	Police (counter NBC operations unit)

＊1 measured by Geiger–Müller counter
＊2 measured by ionization chamber type survey meter
＊3 measured by NaI scintillator detector
＊4 variation range of the measuring data in measuring time

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : μSv / h)	測定位置	測定位置の備考	Weather	Reading by
[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
Reading Point【81】 (About30kmNorth/West)	2011/4/9 8:41	24.2 ＊2			Rain	Police (counter NBC operations unit)
Reading Point【83】 (About20kmNorth/West)	2011/4/9 10:02	47.5 ＊2	N: 37° 33' 03.2" E: 140° 44' 25.0"	20110330 確認	Rain	MEXT
Reading Point【83】 (About20kmNorth/West)	2011/4/9 9:04	39.6 ＊2	N: 37° 33' 03.2" E: 140° 44' 25.0"	20110330 確認	Rain	Police (counter NBC operations unit)
Reading Point【84】 (About40kmSouth/West)	2011/4/9 10:03	0.3 ＊2	N: 37° 33' 03.2" E: 140° 44' 25.0"	20110330 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【85】 (About60kmNorth/West)	2011/4/9 14:00	0.1 ＊2	N: 37° 42' 45.0" E: 140° 22' 59.0"	20110330 確認	No Rain	Ministory of Defence
Reading Point【85】 (About60kmNorth/West)	2011/4/9 6:00	0.2 ＊2	N: 37° 42' 45.0" E: 140° 22' 59.0"	20110330 確認	No Rain	Ministory of Defence
Reading Point【86】 (About55kmWest)	2011/4/9 14:00	0.9 ＊2	N: 37° 23' 57.0" E: 140° 19' 35.0"	20110330 確認	Rain	Ministory of Defence
Reading Point【86】 (About55kmWest)	2011/4/9 6:00	1.2 ＊2	N: 37° 23' 57.0" E: 140° 19' 35.0"	20110330 確認	No Rain	Ministory of Defence
Reading Point【87】 (About30kmWest/South/West)	2011/4/9 14:00	0.8 ＊2	N: 37° 21' 42.0" E: 140° 42' 54.0"	20110330 確認	Rain	Ministory of Defence
Reading Point【87】 (About30kmWest/South/West)	2011/4/9 6:00	1.3 ＊2	N: 37° 21' 42.0" E: 140° 42' 54.0"	20110330 確認	Rain	Ministory of Defence
Reading Point【101】 (About55kmNorth/West)	2011/4/9 9:25	1.7 ＊2	N: 37° 23' 48.0" E: 140° 21' 50.7"	20110404 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【102】 (About50kmNorth/West)	2011/4/9 13:33	2.1 ＊2	N: 37° 23' 48.0" E: 140° 21' 50.7"	20110404 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【103】 (About20kmNorth)	2011/4/9 11:45	1.2 ＊2	N: 37° 23' 48.0" E: 140° 21' 50.7"	20110404 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【105】 (About20kmWest)	2011/4/9 11:20	0.4 ＊2	N: 37° 23' 48.0" E: 140° 21' 50.7"	20110404 確認	Rain	MEXT
Reading Point【106】 (About30kmSouth/West)	2011/4/9 10:30	0.8 ＊2	N: 37° 23' 48.0" E: 140° 21' 50.7"	20110404 確認	Rain	MEXT
Reading Point【107】 (About25kmNorth/North/West)	2011/4/9 12:05	3.4 ＊2	N: 37° 23' 48.0" E: 140° 21' 50.7"	20110404 確認	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【108】 (About30kmNorth/North/West)	2011/4/9 12:43	4.2 ＊2	N: 37° 23' 48.0" E: 140° 21' 50.7"	20110404 確認	Rain	JAEA (Japan Atomic Energy Agency)

緊急時環境放射線モニタリング結果(4月7日:第1班)

	2011/4/7 (出動:グループ a)	測定値単位(μSv/h)			
	地点	南相馬 → 飯舘 → 川俣 → 福島			
		測定時刻	測定値(車内)	測定値(車外)	天候
a1	福島(福島支所)	15:47	0.55		降雨なし
a3	福島(八木田橋)	15:43	0.7		降雨なし
a4	福島(吾妻陸橋東側)	15:41	0.7		降雨なし
a5	福島(国4、舟場町交差点)	15:39	1.07		降雨なし
a6	福島(国114+国4交差点)	15:38	0.87		降雨なし
a7	福島(国114、福島東高前)	15:35	0.93		降雨なし
a8	福島(国114、わたり病院前)	15:33	1.12		降雨なし
a9	福島(国114、渡利トンネル西側)	15:31	2.69		降雨なし
a10	福島(国114、南向台ミニストップ)	15:23	1.43	1m 2.08 地上 2.68	降雨なし
a11	福島(国114+県306T字路)	15:19	1.12		降雨なし
a12	福島(国114立子山入口)	15:16	0.97		降雨なし
a13	川俣(国114、川俣町入口ｾﾌﾞﾝｲﾚﾌﾞﾝ)	15:13	0.9		降雨なし
a14	川俣(国114、伊達福田郵便局前)	15:12	0.7		降雨なし
a15	川俣(道の駅)	15:04	0.82		降雨なし
a16	川俣(旧国114、川俣病院交差点)	15:01	0.78		降雨なし
a18	川俣(国349、川俣町南小学校)	14:58	0.67		降雨なし
a20	川俣(国349+県12交差点)	14:56	0.72		降雨なし
a21	川俣・飯舘(県12、飯舘村境界)	14:44	1.54	1m 2.21 地上 2.40	降雨なし
a22	飯舘(県12、二枚橋郵便局)	14:42	2.2		降雨なし
a23	飯舘(県12、臼石小付近)	14:40	3.64		降雨なし
a24	飯舘(村民の森入口)	14:39	4.62		降雨なし
a26	飯舘(県12、相馬農業高校飯舘分校)	14:36	2.44		降雨なし
a27	飯舘(県12、飯舘公民館前)	14:21	4.06	1m 6.35 地上9.40	降雨なし
a28	飯舘(石ポロ坂トンネル西側)	14:09	3.79	1m 5.07 地上 7.58	降雨なし
a29	南相馬(八木沢峠)	14:06	3.29		降雨なし
a30	南相馬(県12+県267交差点)	13:57	2.45		降雨なし
a31	南相馬(栢ノ木橋)	13:51	1.45		降雨なし
a32	南相馬(県12+県34交差点)	13:50	0.86		降雨なし
a33	南相馬(県12、市役所前交差点)	13:45	0.5		降雨なし

※a2、a17、a19、a25は欠番

緊急時環境放射線モニタリング結果（4月7日：第2班）

	2011/4/7 （出動：グループ b）	測定値単位（μSv/h）			
	地点	いわき → 小野 → 田村 → 福島			
		測定時刻	測定値(車内)	測定値(車外)	天候
b1	福島(福島支所)	15:32	0.51		
b2	福島（国114、南向台ミニストップ）	15:13	1.6	2.2	
b3	福島(国114＋県306T字路)	15:08	1.2		
b4	川俣（国114＋県269のT字路）	14:59	0.77		
b5	川俣(国114、ガソリンスタンド誉田内)	14:55	1		
b6	川俣(国114、川俣トンネル前)	14:53	1.1		
b7	川俣(国114＋国349交差点)	14:51	0.8		
b8	川俣(国349、口太山トンネル前)	14:46	1.1		
b9	二本松（東和支所）	14:43	0.84		
b10	二本松（道の駅）	14:39	1.1		
b11	二本松(国459+国349)	14:35	0.8		
b12	二本松/川俣（国349、市境）	14:31	0.74		
b13	田村（国349＋県50T字路）	14:20	0.5	0.65	降雨なし
b14	田村（田村市役所）	14:10	0.29	0.32	
b15	田村（国288＋国349交差点）	14:04	0.28		
b16	田村（国349＋県57T字路）	13:58	0.25		
b17	田村（国349＋県300T字路）	13:57	0.29		
b18	小野（国349＋県301T字路）	13:53	0.29		
b19	小野(国349＋県65交差点)	13:48	0.29		
b20	小野(国349＋県36交差点)	13:47	0.26		
b21	小野(国349＋県65交差点)	13:46	0.26		降雨なし
b22	小野(小野町役場)	13:38	0.25	0.23	降雨なし
b23	小野(国349＋県286交差点)	13:30	0.25		降雨なし
b24	小野(県286＋国349交差点)	13:28	0.32		降雨なし
b25	いわき（国道349＋国道49）	13:21	0.27		降雨なし
b26	いわき（国道49いわき三和IC入口）	13:04	0.32		降雨なし
b27	いわき（国道49いわき中央IC入口）	12:55	0.33		降雨なし

緊急時環境放射線モニタリング結果(4月7日:第3班)

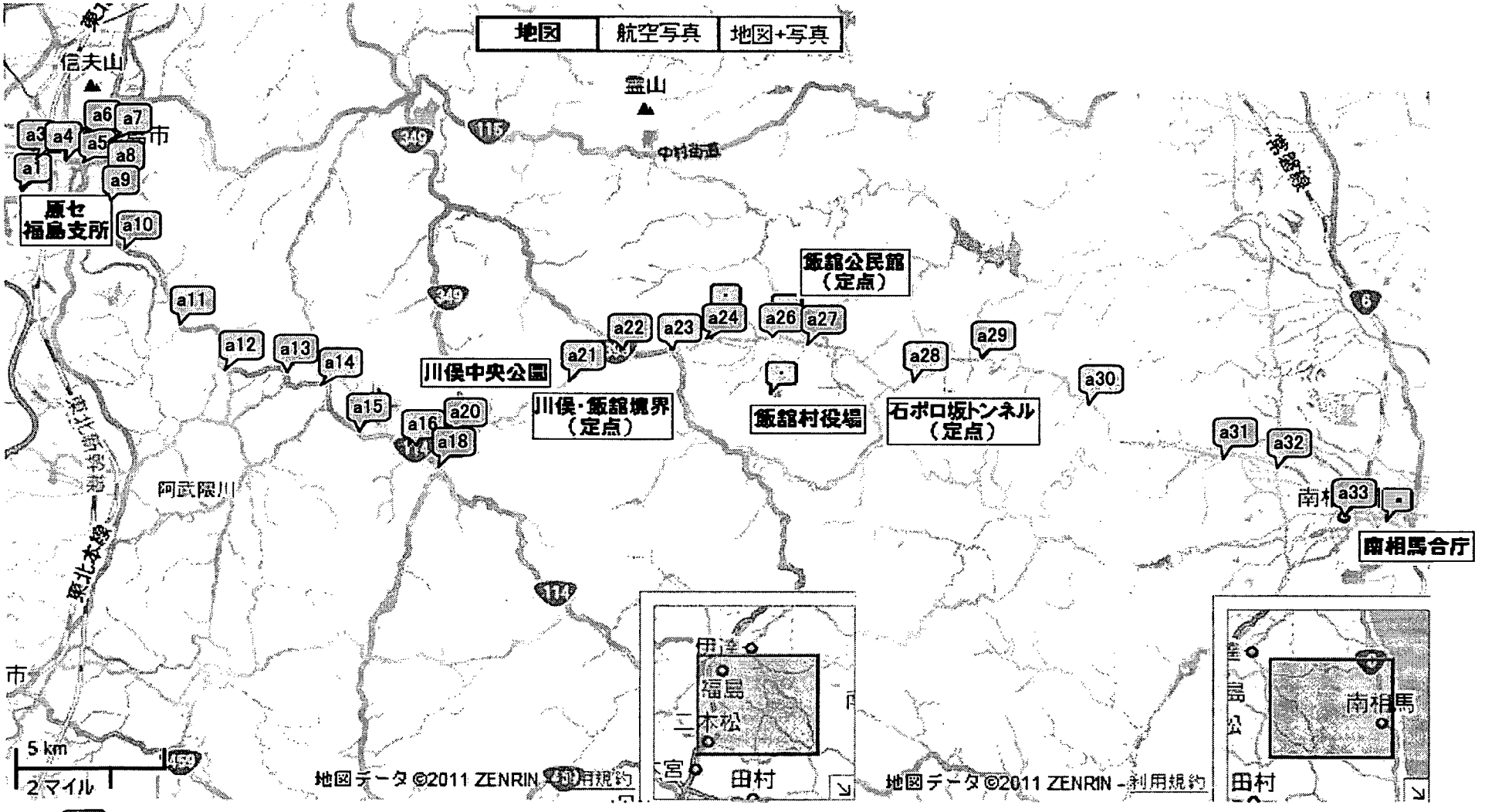
	2011/4/7 (出動:グループ c)	測定値単位(μSv/h)			
	地点	福島 → 二本松 → 田村 → 山木屋 → 月舘			
		測定時刻	測定値(車内)	測定値(車外)	天候
c1	福島(福島支所)	9:33	0.6		降雨なし
c2	福島(国4+県307立体交差)	9:54	1.27		降雨なし
c3	二本松(国4、道の駅安達)	9:58	1.17		降雨なし
c4	二本松(二本松市役所)	10:10	1.55	1.72	降雨なし
c5	二本松(国459、小浜地区交差点)	10:52	1.22		降雨なし
c6	二本松(国459+国349T字路)	11:02	1.17		降雨なし
c7	二本松/田村(国349、市境)	11:07	0.87		降雨なし
c8	田村(国349+県50T字路)	11:10	0.68	0.66	降雨なし
c9	田村(田村市役所)	11:24	0.47	0.35	降雨なし
c10	二本松市(国349、東和支所)	12:37	0.9		降雨なし
c11	川俣(国349+国114交差点)	12:49	1.05		降雨なし
c12	川俣(山木屋郵便局)	13:02	2.32		降雨なし
c13	川俣(小島公民館)	13:40	1.2		降雨なし
c14	伊達(月舘支所)	13:46	1.22	1.39	降雨なし
c1	福島(福島支所)	14:56	0.63		降雨なし

緊急時環境放射線モニタリング結果(4月7日:第4班)

	2011/4/7 (出動:水野、北海道2名)	測定値単位(μSv/h)				
	地点	福島 → 大玉 → 須賀川 → 泉崎 → 西郷				
		測定時間	測定値(車内)	測定値(車外)	天気	備考
d1	福島(福島支所)	9:52	0.0243056		曇り↓	
d2	伏拝交差点	10:05	0.0486111		↓	
d3	国道4・国道459　立体交差	10:22	0.98		↓	
d4	大玉村役場	10:38	0.5	0.7	↓	大気浮遊塵:土壌:葉菜
d5	アサヒビール前	11:39	1		↓	
d6	郡山国道4号バイパス分岐点	11:45	0.7		↓	
d7	バイパス・国道49号　立体交差	11:50	0.45		↓	
d8	バイパス合流点	12:01	0.55		↓	
d9	須賀川市役所	12:55	0.18	0.38	↓	大気浮遊塵:土壌:葉菜
d10	鏡石町役場そば	13:34	0.26		晴れ	
d11	高原道路入口	13:47	0.21		↓	
d12	泉崎村役場	13:55	0.27	0.7	曇り	大気浮遊塵:土壌:葉菜
d13	白河市役所	14:55	0.51	0.83	晴れ	大気浮遊塵:土壌:葉菜
d15	白河I・C	15:35	0.46		↓	
d16	白河中央	15:38	0.38		↓	
d17	矢吹I・C	15:45	0.3		↓	
d18	安積PA	16:00	0.75		↓	
d19	郡山I・C	16:15	0.8		↓	
d20	二本松I・C	16:28	1.5		↓	
d21	福島松川P	16:34	0.5		↓	
d22	福島西I・C	16:40	0.34		↓	

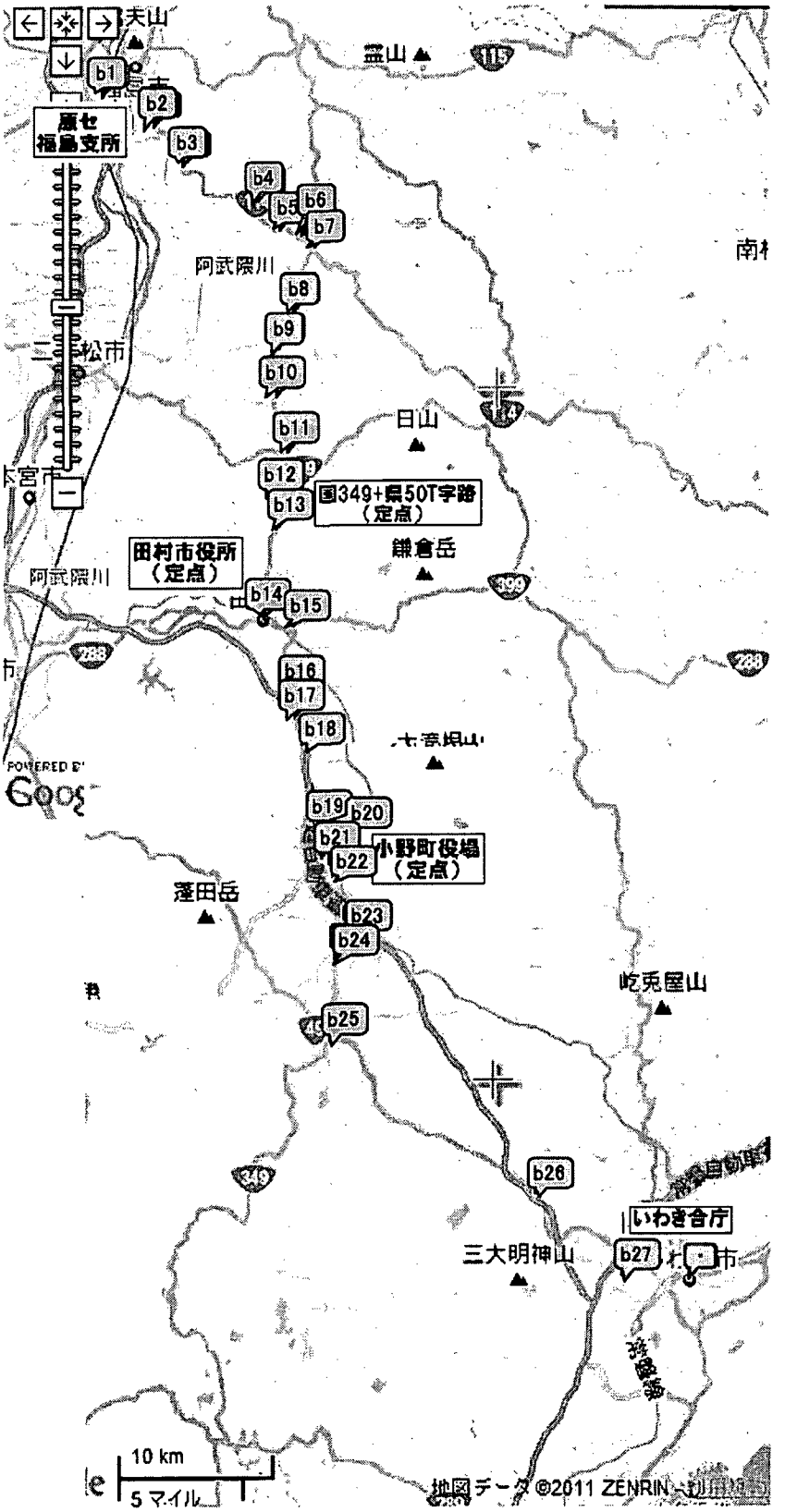
・定点報告は不要
・試料採取は、土壌・葉菜・大気中ヨウ素を実施(大玉、須賀川、泉崎、白河の4地点)
※d14欠番

緊急時環境放射線モニタリング測定地点（第１班）

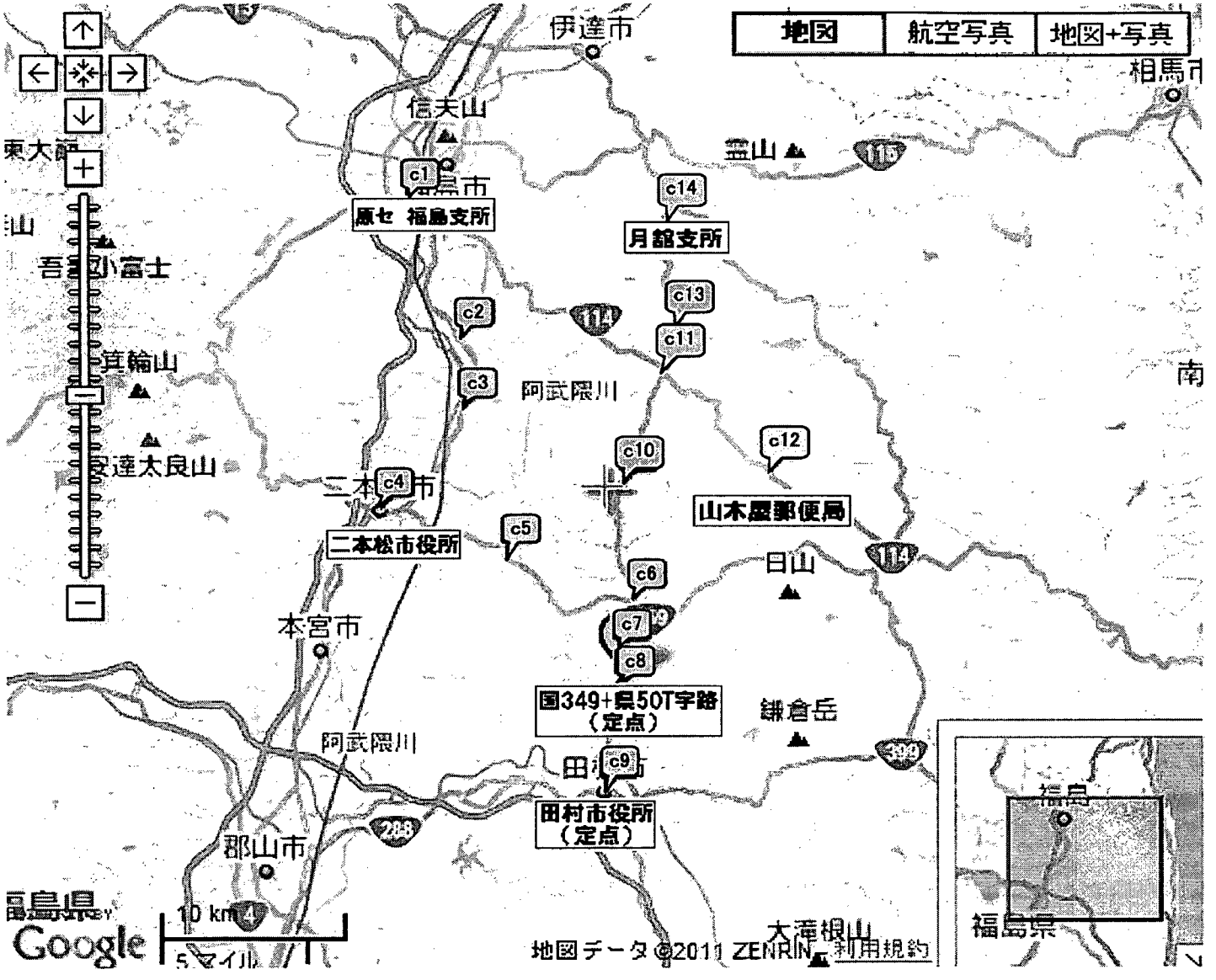


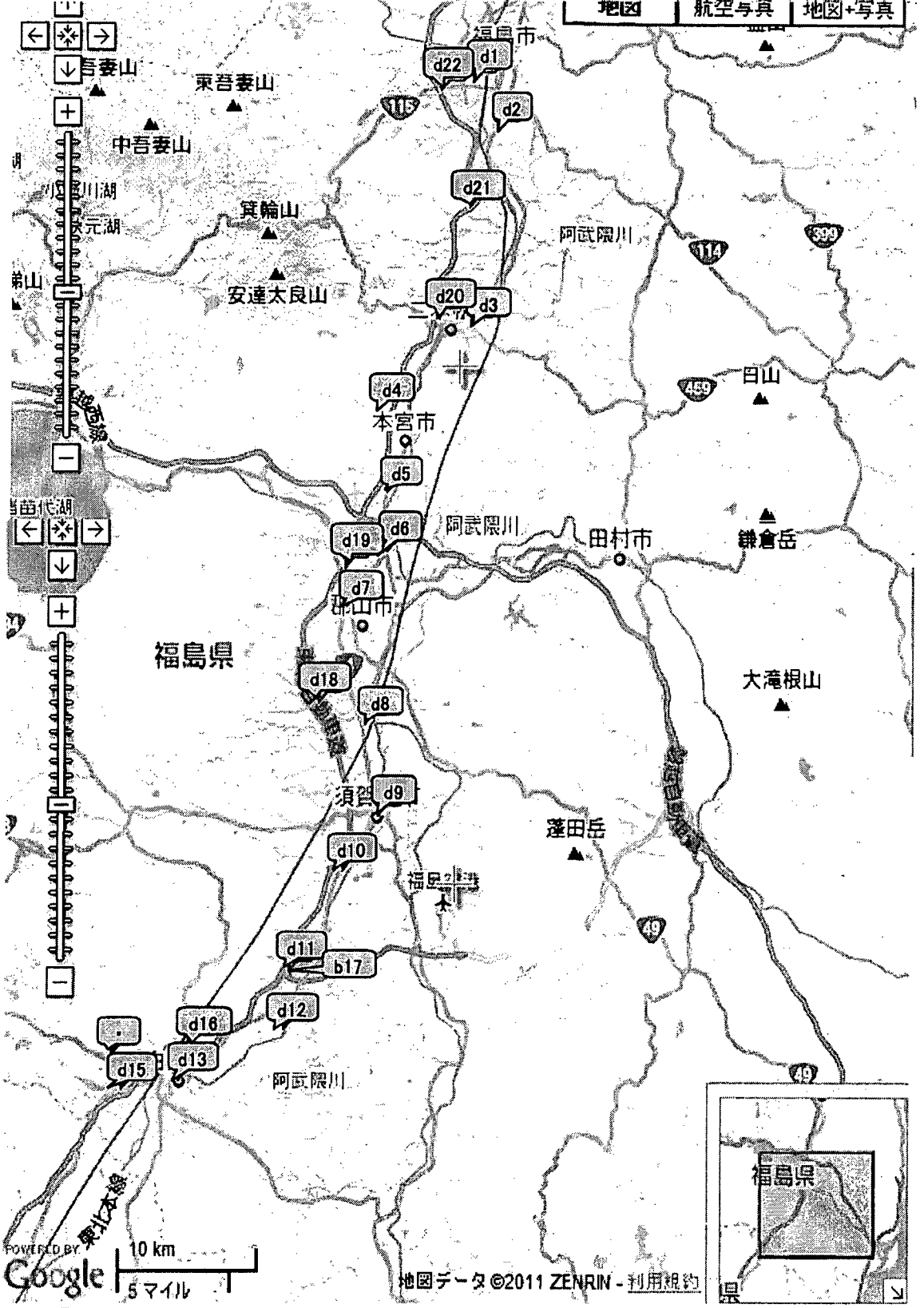
注：・については データ測定を行っていない。

緊急時環境放射線モニタリング測定地点（第2班）



緊急時環境放射線モニタリング地点（第3班）

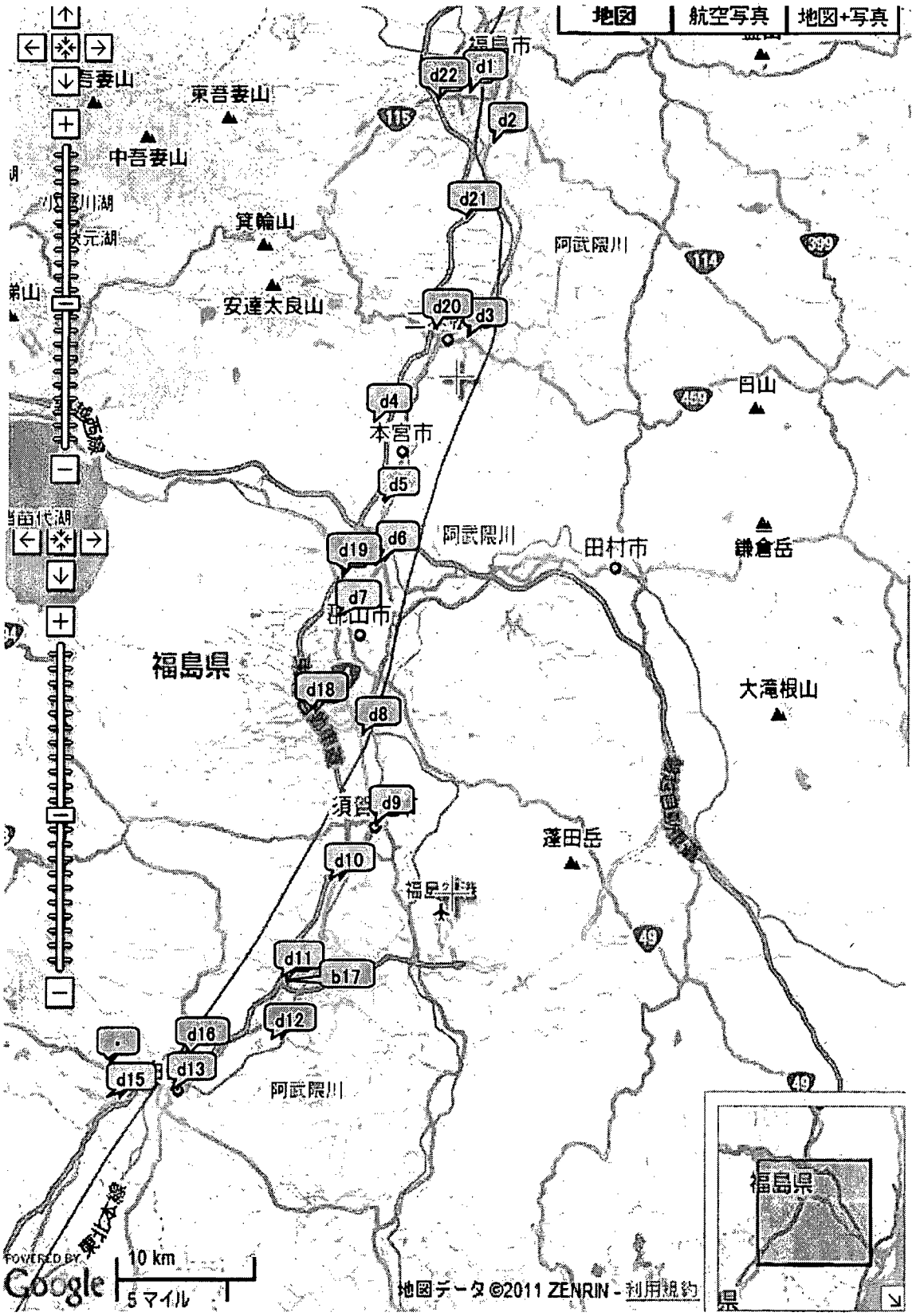




注: ・ についてはデータ測定を行っていない。

緊急時モニタリング地点(第4班)

緊急時モニタリング地点(第4班)



注: ・ についてはデータ測定を行っていない。

緊急時環境放射線モニタリング結果(4月8日:第1班)

	2011/4/8 (出動: 水野(原セ)佐々木・畠(果樹研)小坏(JAEA))	測定値単位(μSv/h)			
	地点(福島→川俣町→飯舘村→南相馬市)	南相馬 → 飯舘 → 川俣 → 福島			
		測定時刻	測定値	測定値(車外)	天候
a1	福島(福島支所)	15:33	0.57		降雨無し
a3	福島(八木田橋)	15:28	0.78		降雨無し
a4	福島(吾妻陸橋東側)	15:26	1.0		降雨無し
a5	福島(国4、舟場町交差点)	15:24	1.1		降雨無し
a6	福島(国114+国4交差点)	15:22	1.2		降雨無し
a7	福島(国114、福島東高前)	15:20	1.2		降雨無し
a8	福島(国114、わたり病院前)	15:19	1.4		降雨無し
a9	福島(国114、渡利トンネル西側)	15:18	2.8		降雨無し
a10	福島(国114、南向台ミニストップ)	15:14	1.8	1m 2.53 地上 3.27	降雨無し
a11	福島(国114+県306T字路)	15:09	1.3		降雨無し
a12	福島(国114立子山入口)	15:07	1.1		降雨無し
a13	川俣(国114、川俣町入口ｾﾌﾞﾝｲﾚﾌﾞﾝ)	15:03	1.1		降雨無し
a14	川俣(国114、伊達福田郵便局前)	15:01	0.82		降雨無し
a15	川俣(道の駅)	14:58	0.82		降雨無し
a16	川俣(旧国114、川俣病院交差点)	14:49	1.0		降雨無し
a18	川俣(国349、川俣町南小学校)	14:47	0.70		降雨無し
a20	川俣(国349+県12交差点)	14:45	0.80		降雨無し
a21	川俣・飯舘(県12、飯舘村境界)	14:38	2.0	1m 2.45 地上 3.00	降雨無し
a22	飯舘(県12、二枚橋郵便局)	14:36	2.9		降雨無し
a23	飯舘(県12、臼石小付近)	14:34	4.6		降雨無し
a24	飯舘(村民の森入口)	14:33	6.0		降雨無し
a26	飯舘(県12、相馬農業高校飯舘分校)	14:31	5.6		降雨無し
a27	飯舘(県12、飯舘公民館前)	14:16	4.7	1m 5.90 地上 9.60	降雨無し
a28	飯舘(石ポロ坂トンネル西側)	14:09	4.1	1m 5.21 地上 7.30	降雨無し
a29	南相馬(八木沢峠)	14:06	3.5		降雨無し
a30	南相馬(県12+県267交差点)	13:57	2.5		降雨無し
a31	南相馬(栢ノ木橋)	13:52	1.5		降雨無し
a32	南相馬(県12+県34交差点)	13:50	0.98		降雨無し
a33	南相馬(県12、市役所前交差点)	13:45	0.60		降雨無し

※a2、a17、a19、a25は欠番

緊急時環境放射線モニタリング結果(4月8日:第2班)

	2011/4/8 (出動:中村・東川(長崎県)金子 (岡山県)生沼(畜産研))	測定値単位(μSv/h)			
	地点	いわき → 小野 → 田村 → 福島			
		測定時刻	測定値(車内)	測定値(車外)	天候
b1	福島(福島支所)	15:32	0.60		降雨無し
b2	福島(国114、南向台ミニストップ)	15:07	1.3	1.8	降雨無し
b3	福島(国114+県306T字路)	15:01	1.0		降雨無し
b4	川俣(国114+県269のT字路)	14:54	0.66		降雨無し
b5	川俣(国114、ガソリンスタンド誉田内)	14:44	1.1		降雨無し
b6	川俣(国114、川俣トンネル前)	14:43	1.0		降雨無し
b7	川俣(国114+国349交差点)	14:42	1.1		降雨無し
b8	川俣(国349、口太山トンネル前)	14:35	1.1		降雨無し
b9	二本松(東和支所)	14:32	0.84		降雨無し
b10	二本松(道の駅)	14:28	1.1		降雨無し
b11	二本松(国459+国349)	14:24	0.78		降雨無し
b12	二本松/川俣(国349、市境)	14:20	0.70		降雨無し
b13	田村(国349+県50T字路)	14:11	0.55	0.60	降雨無し
b14	田村(田村市役所)	14:01	0.28	0.28	降雨無し
b15	田村(国288+国349交差点)	13:55	0.26		降雨無し
b16	田村(国349+県57T字路)	13:49	0.33		降雨無し
b17	田村(国349+県300T字路)	13:48	0.33		降雨無し
b18	小野(国349+県301T字路)	13:44	0.32		降雨無し
b19	小野(国349+県65交差点)	13:38	0.27		降雨無し
b20	小野(国349+県36交差点)	13:38	0.24		降雨無し
b21	小野(国349+県65交差点)	13:36	0.28		降雨無し
b22	小野(小野町役場)	13:30	0.25	0.23	降雨無し
b23	小野(国349+県286交差点)	13:22	0.28		降雨無し
b24	小野(県286+国349交差点)	13:21	0.31		降雨無し
b25	いわき(国道349+国道49)	13:15	0.33		降雨無し
b26	いわき(国道49いわき三和IC入口)	12:59	0.35		降雨無し
b27	いわき(国道49いわき中央IC入口)	12:49	0.39		降雨無し

※陸土・葉菜・上水・大気浮遊じん採取
いわきのOFC向の8検体は三日に一回受け取り。直近3/28

緊急時環境放射線モニタリング結果(4月8日:第3班)

	2011/4/8 (出動:、松本(原セ)山田(環セ) 劔持・武本(岡山県)滝沢(東北放))	測定値単位(μSv/h)			
	地点	福島 → 二本松 → 田村 → 山木屋 → 月舘			
		測定時刻	測定値(車内)	測定値(車外)	天候
c1	福島(福島支所)	9:31	0.70		降雨無し
c2	福島(国4+県307立体交差)	9:54	1.3		降雨無し
c3	二本松(国4、道の駅安達)	9:58	1.1		降雨無し
c4	二本松(二本松市役所)	10:09	1.5	1.7	降雨無し
c5	二本松(国459、小浜地区交差点)	10:52	1.2		降雨無し
c6	二本松(国459+国349T字路)	11:02	1.1		降雨無し
c7	二本松/田村(国349、市境)	11:06	0.83		降雨無し
c8	田村(国349+県50T字路)	11:09	0.64	0.70	降雨無し
c9	田村(田村市役所)	11:20	0.45	0.36	降雨無し
c10	二本松市(国349、東和支所)	12:37	0.86		降雨無し
c11	川俣(国349+国114交差点)	12:45	0.94		降雨無し
c12	川俣(山木屋郵便局)	12:58	2.0	2.6	降雨無し
c13	川俣(小島公民館)	13:40	1.1		降雨無し
c14	伊達(月舘支所)	13:45	0.98	1.4	降雨無し
c1	福島(福島支所)	14:52	0.79		降雨無し

緊急時環境放射線モニタリング結果(4月8日:第4班)

	2011/4/8 (出動:太田・小幡・名畑(北海道))	測定値単位(μSv/h)			
	地点	福島 → 大玉 → 須賀川 → 泉崎 → 白河 → 西郷			
		測定時刻	測定値(車内)	測定値(車外)	天候
d1	福島(福島支所)	9:42	0.30		降雨無し
d2	伏拝交差点	9:52	0.60		降雨無し
d3	国道4・国道459　立体交差	10:10	1.13		降雨無し
d4	大玉村役場	10:35	0.50	0.88	降雨無し
d5	アサヒビール前	11:09	1.1		降雨無し
d6	郡山国道4号バイパス分岐点	11:16	0.72		降雨無し
d7	バイパス・国道49号　立体交差	11:20	0.88		降雨無し
d8	バイパス合流点	11:30	0.50		降雨無し
d9	須賀川市役所	11:50	0.16	0.39	降雨無し
d10	鏡石町役場そば	13:13	0.26		降雨無し
d11	高原道路入口	13:23	0.20		降雨無し
d12	泉崎村役場	13:38	0.31	0.69	降雨無し
d13	白河市役所	14:45	0.53	0.84	降雨無し
d14	西郷村役場	15:25	0.45	0.81	降雨無し
d15	白河I・C	15:53	0.43		降雨無し
d16	白河中央	15:57	0.43		降雨無し
d17	矢吹I・C	16:04	0.28		降雨無し
d18	安積PA	16:21	0.80		降雨無し
d19	郡山I・C	16:55	0.75		降雨無し
d20	二本松I・C	17:10	1.0		降雨無し
d21	福島松川P	17:17	0.64		降雨無し
d22	福島西I・C	17:25	0.32		降雨無し

・定点報告は不要
・試料採取は、土壌・葉菜・大気中ヨウ素を実施(大玉、須賀川、泉崎、白河の4地点)

Readings of the radiation rate with the cooperation of universities

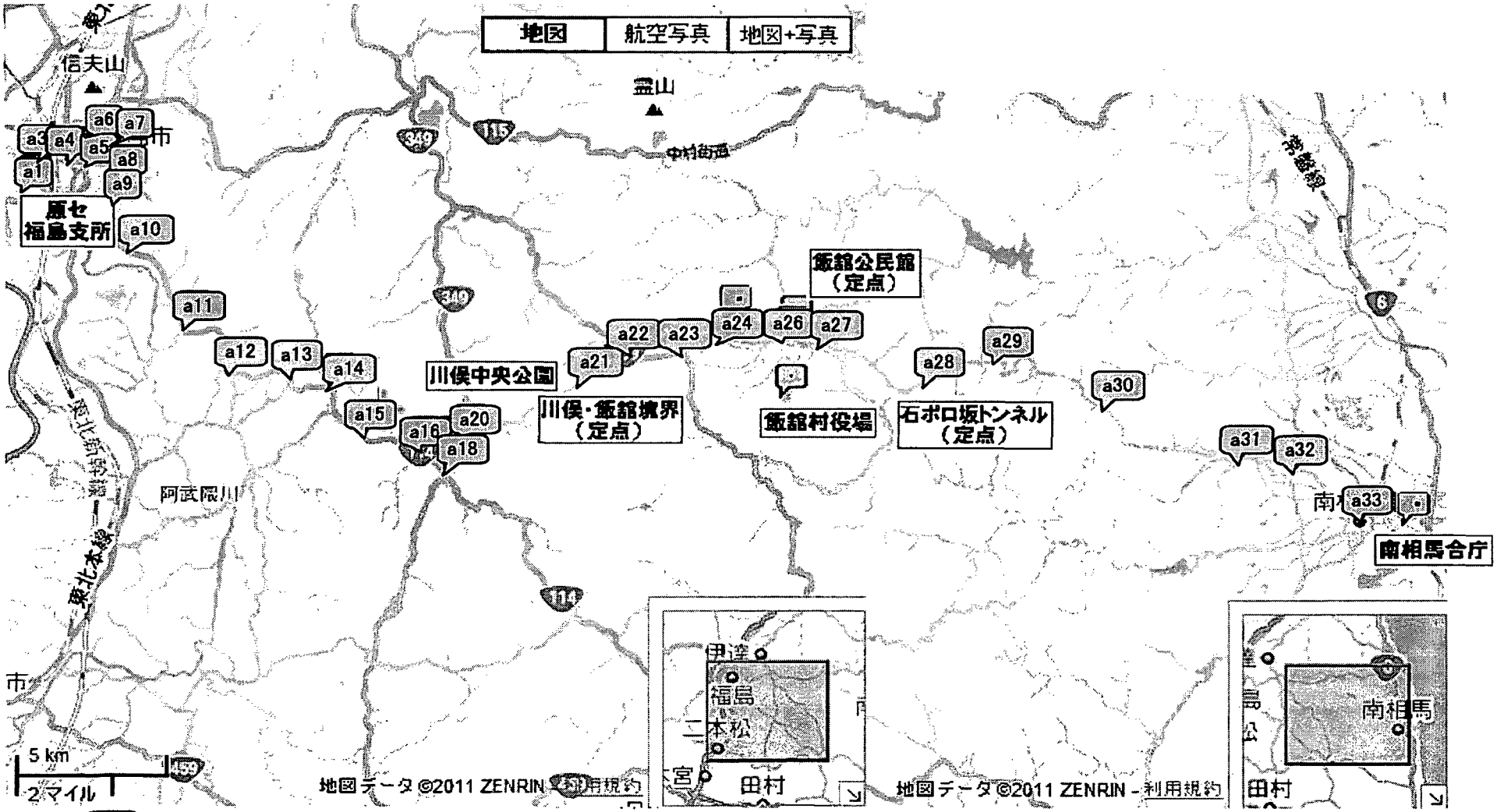
Upper column: Reading of the integrated dose(24h)
Lower column: the reference value which was calculated as the number per one hour

Prefecture	Monitoring Point	City	4/8～4/9
Hokkaido	1	Muroran City	1 μSv (0.04 μSv/h)
	2	Obihiro City	2 μSv (0.08 μSv/h)
	3	Asahikawa City	2 μSv (0.08 μSv/h)
	4	Kitami City	1 μSv (0.04 μSv/h)
	5	Kushiro City	1 μSv (0.04 μSv/h)
	6	Hakodate City	1 μSv (0.04 μSv/h)
Aomori	7	Hirosaki City	1 μSv (0.04 μSv/h)
	8	Hachinohe City	1 μSv (0.04 μSv/h)
Miyagi	9	Sendai City	3 μSv (0.13 μSv/h)
Yamagata	10	Yonezawa City	3 μSv (0.13 μSv/h)
	11	Tsuruoka City	1 μSv (0.04 μSv/h)
Fukushima	12	Fukushima City	11 μSv (0.46 μSv/h)
Ibaraki	13	Tsukuba City	3 μSv (0.13 μSv/h)
Tochigi	14	Oyama City	3 μSv (0.13 μSv/h)
Gunma	15	Kiryu City	2 μSv (0.08 μSv/h)
Chiba	16	Chiba City	4 μSv (0.17 μSv/h)
	17	Kisarazu City	3 μSv (0.13 μSv/h)
Tokyo	18	Bunkyo Ward	5 μSv (0.21 μSv/h)
	19	Fuchu City	2 μSv (0.08 μSv/h)
	20	Meguro Ward	2 μSv (0.08 μSv/h)
	21	Minato Ward	2 μSv (0.08 μSv/h)
	22	Hachioji City	2 μSv (0.08 μSv/h)
Kanagawa	23	Yokohama City	2 μSv (0.08 μSv/h)
Niigata	24	Nagaoka City	2 μSv (0.08 μSv/h)
Nagano	25	Matsumoto City	2 μSv (0.08 μSv/h)
	26	Ueda City	2 μSv (0.08 μSv/h)
Shizuoka	27	Numazu City	1 μSv (0.04 μSv/h)

* We have measured the integrated dose(24h) from around 2PM to the next

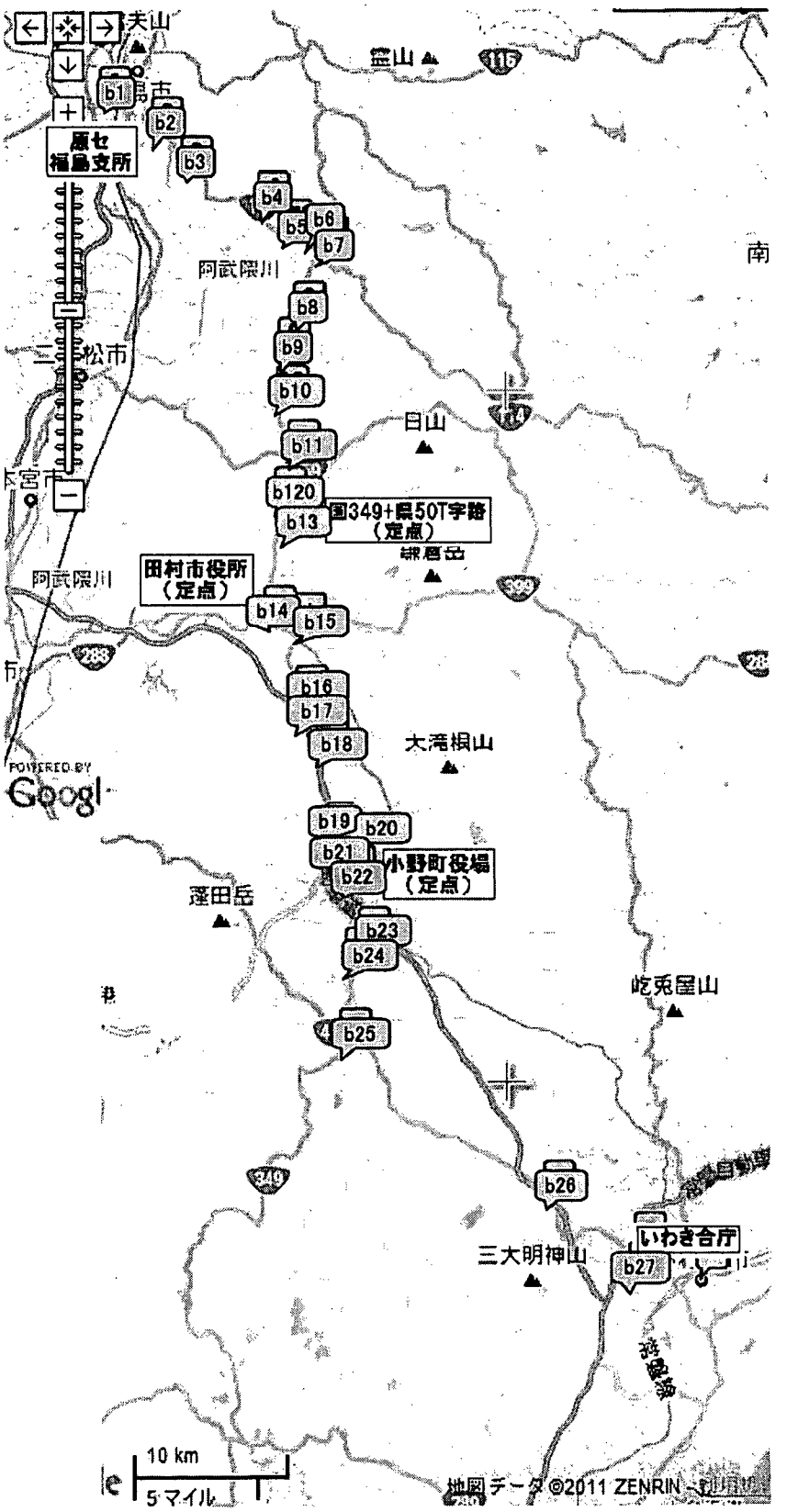
* Readings of lower column are the reference value because of the lower limit of the pocket dosimeter (1 μSv)

緊急時環境放射線モニタリング測定地点（第１班）

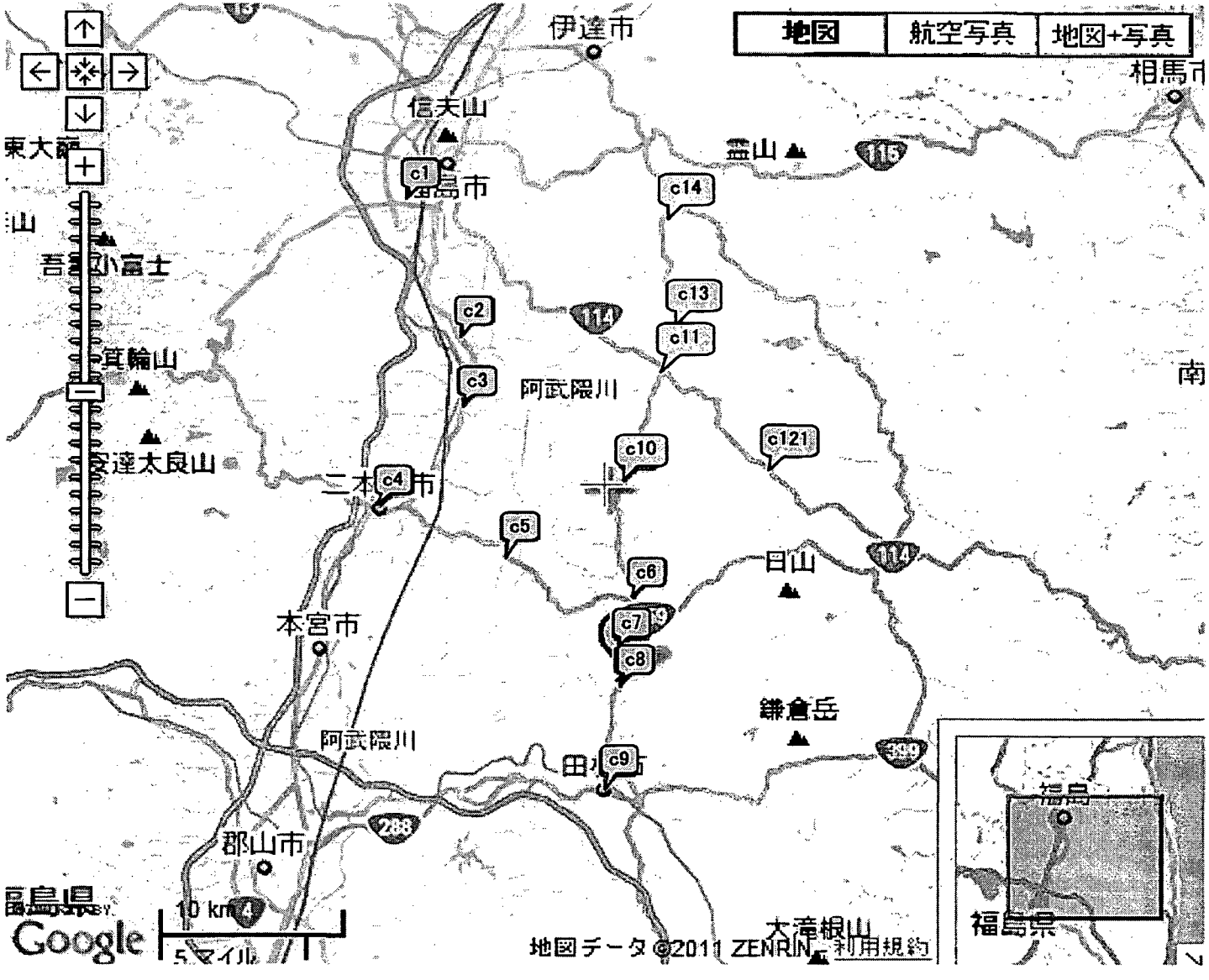


注：[・] についてはデータ測定を行っていない。

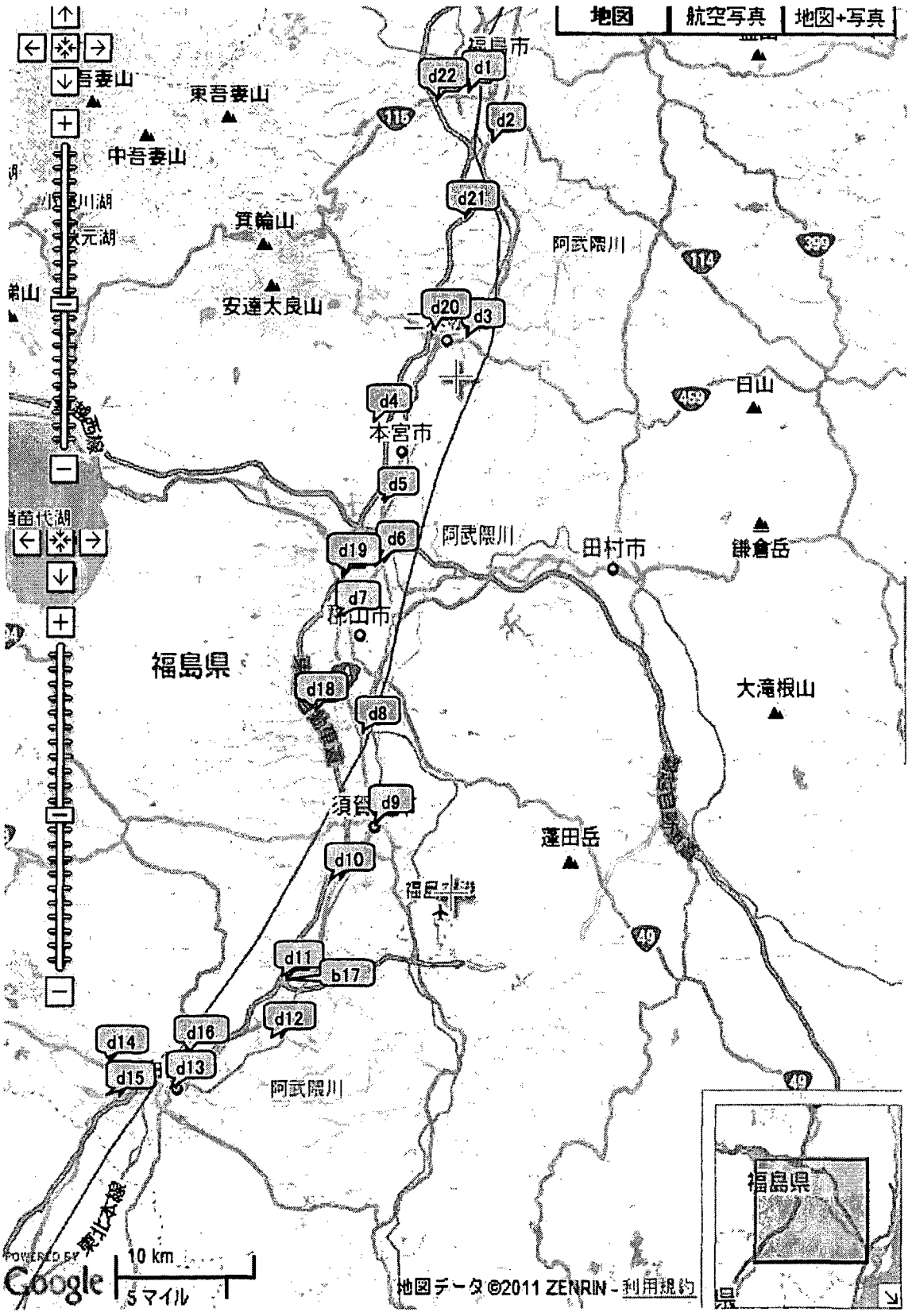
緊急時環境放射線モニタリング測定地点（第2班）



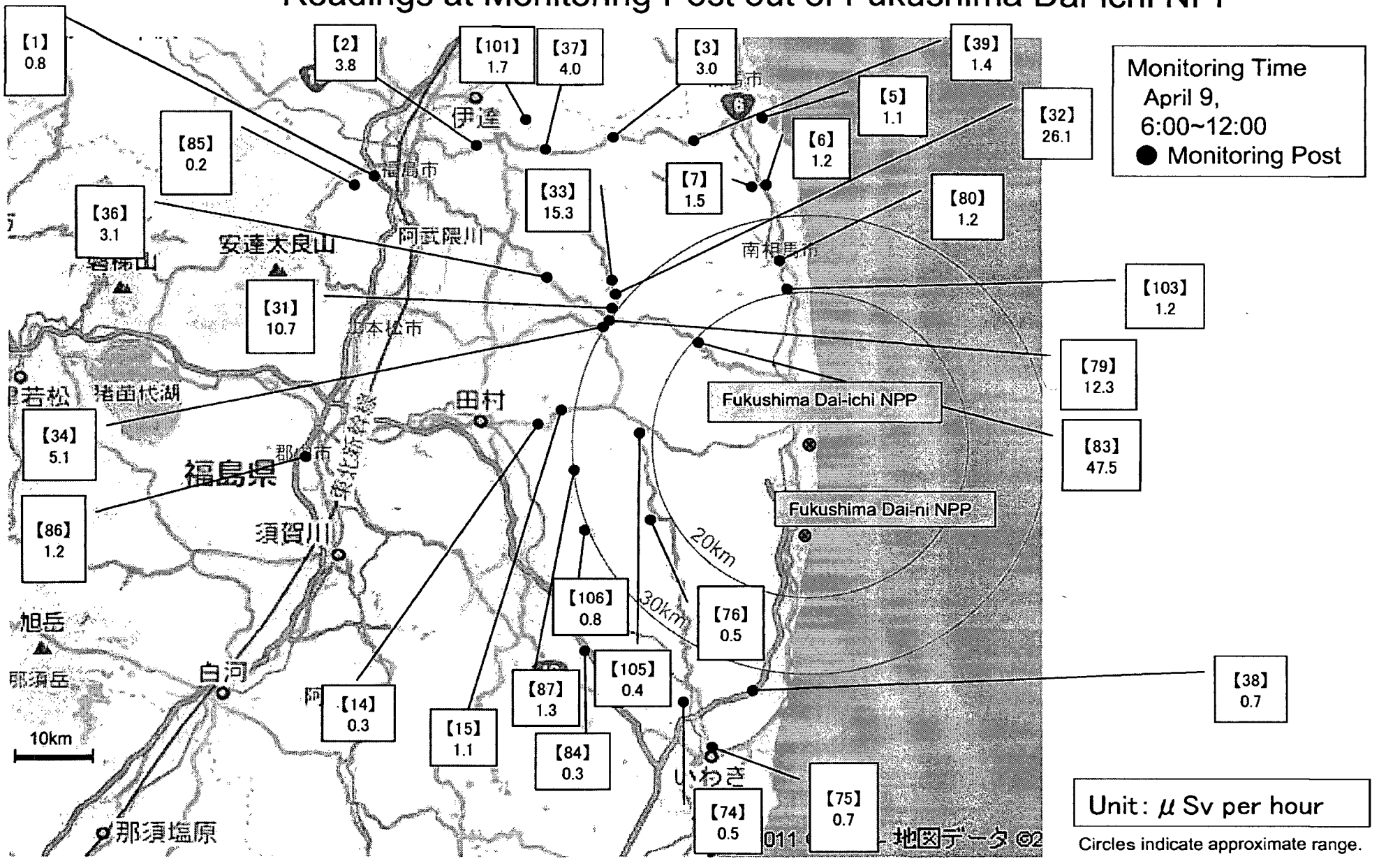
緊急時環境放射線モニタリング地点（第3班）



緊急時モニタリング地点(第4班)



Readings at Monitoring Post out of Fukushima Dai-ichi NPP



Monitoring data at Ibaraki prefecture (1／1)

MEXT

2011/4/9 19:00

μSv/h

Date	JAEA nuclear science research institute (Tokai-village in Ibaraki-prefecture)	JAEA Nuclear fuel cycle engineering laboratory (Tokai-village in Ibaraki-prefecture)	Yayoi in Tokyo University (Tokai-village in Ibaraki-prefecture)
2011/4/9			
0:00	1.14	0.64	1.01
1:00	1.14	0.64	1.06
2:00	1.15	0.64	0.94
3:00	1.14	0.64	1.05
4:00	1.14	0.64	0.86
5:00	1.14	0.64	1.00
6:00	1.14	0.64	0.90
7:00	1.14	0.64	0.99
8:00	1.14	0.64	0.97
9:00	1.13	0.63	0.95
10:00	1.13	0.63	0.91
11:00	1.13	0.63	0.95
12:00	1.13	0.63	0.98
13:00	1.12	0.63	0.96
14:00	1.13	0.63	0.97
15:00	1.13	0.63	0.92
16:00	1.12	0.63	0.93
17:00	1.12	0.62	0.94
18:00	1.12	0.62	

※The readings are measured once every hour from March 24th.
The readings of JAEA nuclear science research institute and JAEA Nuclear fuel cycle engineering laboratory are also put on their websites in below.

JAEA nuclear science research institute
http://erms.jaea.go.jp/Chart.htm
JAEA Nuclear fuel cycle engineering laboratory
http://www.jaea.go.jp/04/ztokai/kankyo/realtime/tbl_10mStPo01.html

To: NOC_Members
Subject: FW: Stahl/Wittick Blackberry Transition

NOC Team,

Brian will be keeping his non-functioning BlackBerry with him since it is the one he normally uses at work. Please deactivate it for him while he is in Japan.

Thank you,

-Nick

From: LIA02 Hoc
Sent: Sunday, April 10, 2011 9:01 PM
To: ET02 Hoc
Subject: FW: Stahl/Wittick Blackberry Transition

ET02 –

Please see request for Brian Wittick to retain his non-functioning BB since it is the one he normally uses at work. Please confirm it is OK for him to do so.

LIA02

From: Stahl, Eric
Sent: Sunday, April 10, 2011 8:56 PM
To: LIA02 Hoc; Wittick, Brian
Subject: RE: Stahl/Wittick Blackberry Transition

Brian's non-functioning Blackberry is the one he normally uses at work. We would prefer if you deactivate it and he holds on to it.

From: LIA02 Hoc
Sent: Sunday, April 10, 2011 8:46 PM
To: Stahl, Eric; Wittick, Brian
Subject: FW: Stahl/Wittick Blackberry Transition

FYI.

Eric, please note they ask you to bring Brian's non-functioning BB home with you.

LIA02

From: ET02 Hoc
Sent: Sunday, April 10, 2011 8:45 PM
To: NOC_Members; Turner, Joseph; Reyes, Debra; Heard, Robert
Cc: Wittick, Brian; Stahl, Eric; LIA02 Hoc; Jackson, Karen
Subject: FW: Stahl/Wittick Blackberry Transition

AAAA/534

Please see request below and verify that the following actions will take place:

- Eric Stahl is returning from Japan. He will be leaving his working Blackberry for Brian Wittick, and will bring Brian's non-functioning Blackberry home with him.
- Eric Stahl would like his normal Blackberry reactivated so that it will be working when he lands in DC on 11 April at 4:00 p.m.

Please confirm that these two items have been addressed.

Thank You,
-Nick Ballam

From: LIA02 Hoc
Sent: Sunday, April 10, 2011 8:34 PM
To: ET02 Hoc
Subject: FW: Stahl/Wittick Blackberry Transition

As discussed.

From: Stahl, Eric
Sent: Sunday, April 10, 2011 8:31 PM
To: LIA02 Hoc
Cc: Jackson, Karen; Wittick, Brian; Emche, Danielle
Subject: Stahl/Wittick Blackberry Transition

Since Brian's Blackberry isn't working, I'm planning on leaving mine in Japan for him. Brian has already spoken to the CSC/Telecom people and they are working on the transfer. Can you follow-up on this to make sure it happens? In addition, can you ask the Telecom/CSC/whomever is responsible, to reactive my normal Blackberry so it will be working when I land in DC on 11 April (~4:00pm)?

See you all soon...

Many thanks,
Eric

Eric Stahl
U.S. Nuclear Regulatory Commission
Japan Team International Liaison
Tel: 81-33-22-45-066
Mob: (b)(6)

To: Reynolds, Steven
Subject: BB QUESTION

Importance: High

Steve:

Could you please call me regarding your NRC issued BB . Thanks...Karen Jackson (b)(6) and ask for extension (b)(6).

NAPA/535

From: LIA10 Hoc
Sent: Sunday, April 10, 2011 2:57 PM
To: LIA08 Hoc; LIA02 Hoc; LIA03 Hoc
Subject: FW: Information for your Deployment to Japan

-----Original Message-----
From: LIA02 Hoc
Sent: Sunday, April 10, 2011 2:57 PM
To: LIA08 Hoc; LIA03 Hoc; LIA10 Hoc
Subject: FW: Information for your Deployment to Japan

-----Original Message-----
From: Gepford, Heather
Sent: Sunday, April 10, 2011 2:56 PM
To: LIA02 Hoc
Subject: RE: Information for your Deployment to Japan

In case of emergency, please contact:

(b)(6) (husband)
(b)(6) (cell)
(home)

From: LIA02 Hoc
Sent: Saturday, April 09, 2011 1:55 PM
To: Garchow, Steve; Moore, Carl; Mitman, Jeffrey; Gepford, Heather; Huffert, Anthony
Cc: Reynolds, Steven
Subject: Information for your Deployment to Japan

Dear Travelers - Please follow the steps in the attached checklist to prepare for your travel to Japan on Tuesday, Apr 12th.

Please send your "*In case of emergency*" contact information by replying to this email no later than midnight on Sunday, Apr 10th.

If you already have a blackberry, please send your BB phone# by replying to this email.

If you have any questions please let us know.

Thanks.
International Liaison Team
U.S. Nuclear Regulatory Commission
Operations Center

AAAA/536

-Please contact NRC Health Services at your earliest convenience on 301-415-8400 to schedule an appointment with Dr. Cadoux for health screening and counseling. If at all possible, it is important that you meet with Dr. Cadoux face-to-face. However, if you are located in the Region or if you are notified and deployed in a very short time frame so that medical screening is not possible, this screening will be conducted by phone. Please be aware that medical services available in Tokyo are limited at this time. Additionally, working conditions are such that controlling diet, sleep, exercise, and routine may be impossible. All of these factors can impact your health. Please review any medical conditions that you may have with Dr. Cadoux so that he can provide you with advice and counseling on managing you medical condition while deployed.

-Before you deploy we recommend that you speak briefly with the NRC Employee Assistance Program counselor, Sarah Linnerooth. Sarah can be reached on 301-415-7113. While you are deployed, EAP services are available to both you and your family, including extended family members such as Grandparents. The telephone number is for EAP service is 1-800-896-0276. More information is available on the EAP on the web at www.eapconsultants.com. To learn more about the EAP and the services provided click on the member services tab. The NRC passcode is "nuclear". Please be sure to share this information with your family.

At this point, I ask that you hold any questions that you may have until the LT contacts you directly. However, after that time, if you have any additional questions or concerns that have not been addressed, please call or email me.

Thank you.

Michele Evans
Acting Deputy OD, NSIR
Michele.evans@nrc.gov
BB: (b)(6)

From: LIA10 Hoc
Sent: Sunday, April 10, 2011 6:40 PM
To: LIA08 Hoc; LIA02 Hoc; LIA03 Hoc
Subject: FW: URGENT: Notice (10 April 2011)

From: LIA02 Hoc
Sent: Sunday, April 10, 2011 6:40 PM
To: LIA08 Hoc; LIA03 Hoc; LIA10 Hoc
Subject: FW: URGENT: Notice (10 April 2011)

From: Hinds, Lynda J [mailto:HindsLJ@state.gov] **On Behalf Of** Tokyo Staff Assistant
Sent: Sunday, April 10, 2011 6:40 PM
To: (b)(6)

(b)(6)

Subject: FW: URGENT: Notice (10 April 2011)

Lynda Hinds
Staff Assistant
(03) 3224- 5370

From: PROTOCOLOFFICE-EM [mailto:protocoloffice-em@mofa.go.jp]
Sent: Sunday, April 10, 2011 7:03 PM
To: PROTOCOLOFFICE-EM
Subject: URGENT: Notice (10 April 2011)

URGENT (18:30) Sunday,10 April 2011

AAAA/537

From: HOO Hoc
Sent: Sunday, April 10, 2011 6:55 PM
To: LIA07 Hoc; OST01 HOC; OST02 HOC; OST03 HOC
Subject: FW: Japan Earthquake 10 April 2011 0600 EDT Situation Report
Attachments: image001.jpg

Headquarters Operations Officer
U.S. Nuclear Regulatory Commission
Phone: 301-816-5100
Fax: 301-816-5151
email: hoo.hoc@nrc.gov
secure e-mail: hoo1@nrc.sgov.gov

U.S.NRC
United States Nuclear Regulatory Commission
Protecting People and the Environment

From: Richard L Garwin [mailto:rlg2@us.ibm.com]
Sent: Sunday, April 10, 2011 6:08 PM
To: NITOPS
Cc: (b)(6)

(b)(6)

AAAA/538

(b)(6)

Subject: Re: Japan Earthquake 10 April 2011 0600 EDT Situation Report

I am dismayed that the most useful information in these reports comes from the media.

For instance, "The utility firm is now working to lay hoses between the turbine buildings and the facility. Holes have already been bored in the walls of the buildings, but work to install the hoses has yet to begin. " Sunday, April 10, 2011 07:30 +0900 (JST) http://www3.nhk.or.jp/daily/english/10_03.html (0600 4/10 SITREP)

We should be getting this information directly from TEPCO or the Japanese government, if we have a cooperative working relationship with them.

On Secretary Chu's "Experts Group" we are considering how to bore holes in thick concrete. It would be useful to know where and how holes have been bored in the walls of the buildings at Fukushima Daiichi.

Dick Garwin

From: Kim, Jay
Sent: Sunday, April 10, 2011 11:33 PM
To: Wittick, Brian; Emche, Danielle; ET02 Hoc; NOC_Members; Turner, Joseph; Reyes, Debra; Heard, Robert
Cc: Stahl, Eric; LIA02 Hoc; Jackson, Karen; Ashman, Douglas; L3_JAPAN
Subject: Re: Stahl/Wittick Blackberry Transition

Great! Thank you for the update.

From: Wittick, Brian
To: Emche, Danielle; Kim, Jay; ET02 Hoc; NOC_Members; Turner, Joseph; Reyes, Debra; Heard, Robert
Cc: Stahl, Eric; LIA02 Hoc; Jackson, Karen; Ashman, Douglas; L3_JAPAN
Sent: Sun Apr 10 23:27:10 2011
Subject: Re: Stahl/Wittick Blackberry Transition

The bberry reactivation of Eric's cell was completed sucessfully

Thanks all for the assistance

Sent from NRC BlackBerry
Brian Wittick
(b)(6)

From: Emche, Danielle
To: Kim, Jay; ET02 Hoc; NOC_Members; Turner, Joseph; Reyes, Debra; Heard, Robert
Cc: Wittick, Brian; Stahl, Eric; LIA02 Hoc; Jackson, Karen; Ashman, Douglas; L3_JAPAN
Sent: Sun Apr 10 22:12:36 2011
Subject: RE: Stahl/Wittick Blackberry Transition

Brian is in a meeting that will probably be over at 11:30 PM EDT. Can you please check with Brian at that time? I am at a different location. If you can't get Brian, at that time, please try me at midnight EDT (Brian and I should be in the same location by that time).

Thank you,
Danielle

From: Kim, Jay
Sent: Sunday, April 10, 2011 10:02 PM
To: ET02 Hoc; NOC_Members; Turner, Joseph; Reyes, Debra; Heard, Robert
Cc: Wittick, Brian; Stahl, Eric; LIA02 Hoc; Jackson, Karen; Ashman, Douglas; Emche, Danielle; L3_JAPAN
Subject: RE: Stahl/Wittick Blackberry Transition

Our NOC staff was in contact with Mr. Brian Wittick and informed him that we will be wiping Eric's International BB and then re- activate remotely so Mr. Wittick can use it. We will call Danielle in 30 minutes to verify if the wiping was successful on Brian's new BB and confirm he has both voice/data service.

From: ET02 Hoc
Sent: Sunday, April 10, 2011 9:36 PM

AAAA/539

To: NOC_Members; Turner, Joseph; Reyes, Debra; Heard, Robert
Cc: Wittick, Brian; Stahl, Eric; LIA02 Hoc; Jackson, Karen
Subject: RE: Stahl/Wittick Blackberry Transition

NOC Team,

Correction to previous request:

Eric will not be returning Brian's non-functioning Blackberry as it is Brian's normally Blackberry that he uses at work. He would like to retain it and asks that it be deactivated while he is in Japan. The other requests are still in effect (transferring the working blackberry to Eric Stahl and reactivating Eric Stahl's normal Blackberry for when he lands in DC).

Thank you,

-Nick

From: ET02 Hoc
Sent: Sunday, April 10, 2011 8:45 PM
To: NOC_Members; Turner, Joseph; Reyes, Debra; Heard, Robert
Cc: Wittick, Brian; Stahl, Eric; LIA02 Hoc; Jackson, Karen
Subject: FW: Stahl/Wittick Blackberry Transition

Please see request below and verify that the following actions will take place:

- Eric Stahl is returning from Japan. He will be leaving his working Blackberry for Brian Wittick, and will bring Brian's non-functioning Blackberry home with him.
- Eric Stahl would like his normal Blackberry reactivated so that it will be working when he lands in DC on 11 April at 4:00 p.m.

Please confirm that these two items have been addressed.

Thank You,
-Nick Ballam

From: LIA02 Hoc
Sent: Sunday, April 10, 2011 8:34 PM
To: ET02 Hoc
Subject: FW: Stahl/Wittick Blackberry Transition

As discussed.

From: Stahl, Eric
Sent: Sunday, April 10, 2011 8:31 PM
To: LIA02 Hoc
Cc: Jackson, Karen; Wittick, Brian; Emche, Danielle
Subject: Stahl/Wittick Blackberry Transition

Since Brian's Blackberry isn't working, I'm planning on leaving mine in Japan for him. Brian has already spoken to the CSC/Telecom people and they are working on the transfer. Can you follow-up on this to make sure it happens? In

addition, can you ask the Telecom/CSC/whomever is responsible, to reactive my normal Blackberry so it will be working when I land in DC on 11 April (~4:00pm)?

See you all soon...

Many thanks,
Eric

Eric Stahl
U.S. Nuclear Regulatory Commission
Japan Team International Liaison
Tel: 81-33-22-45-066
Mob: (b)(6)

From: Wittick, Brian
Sent: Sunday, April 10, 2011 11:34 PM
To: Ashman, Douglas; Kim, Jay; Emche, Danielle; ET02 Hoc; NOC_Members; Turner, Joseph; Reyes, Debra; Heard, Robert
Cc: Stahl, Eric; LIA02 Hoc; Jackson, Karen; L3_JAPAN
Subject: Re: Stahl/Wittick Blackberry Transition

Everything working well. Thanks Doug

Sent from NRC BlackBerry
Brian Wittick
(b)(6)

From: Ashman, Douglas
To: Kim, Jay; Emche, Danielle; ET02 Hoc; NOC_Members; Turner, Joseph; Reyes, Debra; Heard, Robert
Cc: Wittick, Brian; Stahl, Eric; LIA02 Hoc; Jackson, Karen; L3_JAPAN
Sent: Sun Apr 10 23:26:53 2011
Subject: RE: Stahl/Wittick Blackberry Transition

Wiped Mr. Stahl's Blackberry and set the activation code for Mr. Wittick. I also walked Mr. Wittick through the Activation process on Mr. Stahl's BB prior to wiping the device. Device is now showing AT&T and packets pending has dropped to zero. We will call him at midnight to confirm everything is working.

Douglas Ashman
Network Operations Center
301-415-8150

From: Kim, Jay
Sent: Sunday, April 10, 2011 10:27 PM
To: Emche, Danielle; ET02 Hoc; NOC_Members; Turner, Joseph; Reyes, Debra; Heard, Robert
Cc: Wittick, Brian; Stahl, Eric; LIA02 Hoc; Jackson, Karen; Ashman, Douglas; L3_JAPAN
Subject: RE: Stahl/Wittick Blackberry Transition

Danielle,

Thank you for the update. Someone from NOC will contact you or Mr. Wittick at midnight (EDT) to ensure his new BB device is activated and he has voice/data service.

From: Emche, Danielle
Sent: Sunday, April 10, 2011 10:13 PM
To: Kim, Jay; ET02 Hoc; NOC_Members; Turner, Joseph; Reyes, Debra; Heard, Robert
Cc: Wittick, Brian; Stahl, Eric; LIA02 Hoc; Jackson, Karen; Ashman, Douglas; L3_JAPAN
Subject: RE: Stahl/Wittick Blackberry Transition

AAAA/540

Brian is in a meeting that will probably be over at 11:30 PM EDT. Can you please check with Brian at that time? I am at a different location. If you can't get Brian, at that time, please try me at midnight EDT (Brian and I should be in the same location by that time).

Thank you,
Danielle

From: Kim, Jay
Sent: Sunday, April 10, 2011 10:02 PM
To: ET02 Hoc; NOC_Members; Turner, Joseph; Reyes, Debra; Heard, Robert
Cc: Wittick, Brian; Stahl, Eric; LIA02 Hoc; Jackson, Karen; Ashman, Douglas; Emche, Danielle; L3_JAPAN
Subject: RE: Stahl/Wittick Blackberry Transition

Our NOC staff was in contact with Mr. Brian Wittick and informed him that we will be wiping Eric's International BB and then re- activate remotely so Mr. Wittick can use it. We will call Danielle in 30 minutes to verify if the wiping was successful on Brian's new BB and confirm he has both voice/data service.

From: ET02 Hoc
Sent: Sunday, April 10, 2011 9:36 PM
To: NOC_Members; Turner, Joseph; Reyes, Debra; Heard, Robert
Cc: Wittick, Brian; Stahl, Eric; LIA02 Hoc; Jackson, Karen
Subject: RE: Stahl/Wittick Blackberry Transition

NOC Team,

Correction to previous request:

Eric will not be returning Brian's non-functioning Blackberry as it is Brian's normally Blackberry that he uses at work. He would like to retain it and asks that it be deactivated while he is in Japan. The other requests are still in effect (transferring the working blackberry to Eric Stahl and reactivating Eric Stahl's normal Blackberry for when he lands in DC).

Thank you,

-Nick

From: ET02 Hoc
Sent: Sunday, April 10, 2011 8:45 PM
To: NOC_Members; Turner, Joseph; Reyes, Debra; Heard, Robert
Cc: Wittick, Brian; Stahl, Eric; LIA02 Hoc; Jackson, Karen
Subject: FW: Stahl/Wittick Blackberry Transition

Please see request below and verify that the following actions will take place:

- Eric Stahl is returning from Japan. He will be leaving his working Blackberry for Brian Wittick, and will bring Brian's non-functioning Blackberry home with him.
- Eric Stahl would like his normal Blackberry reactivated so that it will be working when he lands in DC on 11 April at 4:00 p.m.

Please confirm that these two items have been addressed.

Thank You,

-Nick Ballam

From: LIA02 Hoc
Sent: Sunday, April 10, 2011 8:34 PM
To: ET02 Hoc
Subject: FW: Stahl/Wittick Blackberry Transition

As discussed.

From: Stahl, Eric
Sent: Sunday, April 10, 2011 8:31 PM
To: LIA02 Hoc
Cc: Jackson, Karen; Wittick, Brian; Emche, Danielle
Subject: Stahl/Wittick Blackberry Transition

Since Brian's Blackberry isn't working, I'm planning on leaving mine in Japan for him. Brian has already spoken to the CSC/Telecom people and they are working on the transfer. Can you follow-up on this to make sure it happens? In addition, can you ask the Telecom/CSC/whomever is responsible, to reactive my normal Blackberry so it will be working when I land in DC on 11 April (~4:00pm)?

See you all soon...

Many thanks,
Eric

Eric Stahl
U.S. Nuclear Regulatory Commission
Japan Team International Liaison
Tel: 81-33-22-45-066
Mob (b)(6)

From: LIA06 Hoc
Sent: Sunday, April 10, 2011 11:37 PM
To: LIA08 Hoc
Subject: FW: OUO: Transition Report April 10 1530- 2400

Liaison Team Director
U.S. Nuclear Regulatory Commission
Operations Center

From: LIA02 Hoc
Sent: Sunday, April 10, 2011 11:37 PM
To: LIA07 Hoc; LIA02 Hoc; LIA03 Hoc; LIA10 Hoc
Cc: Abrams, Charlotte; Wittick, Brian; Afshar-Tous, Mugeh; 'ShafferMR@state.gov'; Bloom, Steven; Schwartzman, Jennifer; Tobin, Jennifer; Mayros, Lauren; Jones, Andrea; English, Lance; Smiroldo, Elizabeth; Young, Francis; Henderson, Karen; Ramsey, Jack; Shepherd, Jill; Baker, Stephen; Emche, Danielle; Fragoyannis, Nancy; LIA03 Hoc; Stahl, Eric; Owens, Janice; Fehst, Geraldine; Foggie, Kirk; Breskovic, Clarence; LIA08 Hoc; LIA06 Hoc
Subject: OUO: Transition Report April 10 1530- 2400

~~OFFICIAL USE ONLY~~

TRANSITION REPORT FOR APRIL 10, 1530 - 2400
Gerri to April 11 morning shift

~~OFFICIAL USE ONLY~~

TRANSITION REPORT FOR APRIL 10, 1530 - 2400
Gerri to April 11 morning shift

Updates during Shift

- **One-Page Summaries:** OIP management was asked to advise Site Team liaisons regarding whether to continue daily readouts now that Op Center international liaison desk is no longer covered from 6:30 am to midnight, effective April 11. **ACTION:** Await OIP management decision and communicate to liaisons, if necessary.

- **Shaw Group Slides:** Marty Virgilio had requested the package of slides presented in Japan by the Shaw Group. The slides were delivered to NRC HQ on Friday, April 8, signed for by M. Costillo. The Fed Ex tracking number is 8695-5112-8152. Marty asked for the slides again in the Sunday, April 10 ET meeting.
  ACTION: Fed Ex information was forwarded to the Liaison Team Director, who will follow up on the action.

- **Blackberry Issues.** Brian Wittick will retain Eric Stahl's Blackberry since Brian's is not working. Eric asked that his own BB be ready once he returns to DC at 4 p.m. April 11. 3 **ACTION:** Notice of the BB switch and Eric's personal BB was forwarded to the IT desk for action. IT asked that Eric bring Brian's malfunctioning BB when he returns on the 11th and Brian asked to retain since the nonfunctioning BB is his personal office BB when at HQ. The BB reactivation of Eric's cell was completed successfully. Action closed.

AAAA/541

- **A draft paper** prepared by the Site Team's Michel Hay, entitled "NRC Response to Fukushima Event," (subject line "Global Assessment") was forwarded to a number of stakeholders. LIA02 provided edits, then forwarded the draft to International Liaisons for their review and comment. This document does not yet include RST input, but that is in the works. **ACTION:** track comments and status of report. Send IAEA Liaison final draft.

- **Fourth Team to Japan.** Members for team#4 will leave this week. Brian Wittick left on 4/9j. Fourth team members are: Steve Garchow (RIV), Heather Gepford (RII), Tony Huffert (RES), Jeff Mitman (NRR), Carl Moore (RIII), and Steve Reynolds (RIII). They will leave on 4/12 if US AID can process the paperwork quickly enough. A heads up was sent from Karen Jackson on 4/10 noting that USAID was not working over the weekend, and normally needs 4 days to process travel. USAID is the funding source. Jason Kozol e-mailed USAID early morning April 10 with the names. The International Desk also sent an email Sunday, April 10, with names and desired April 12 departure date. Team #4 additional emergency contact information was added to both the Japan Traveler Contact/Emergency contact information files. Several 4th Team travelers called with checklist questions and general info, esp. related to arranging travel and they were referred to Mary Carter of OIP and others who can help coordinate and answer questions. BB requests were forwarded to Karen Jackson.
- **ACTION:** Jason will follow up his e-mail to AID with a phone call on Monday morning. He will tell them (as per request from Marty Virgilio) that all 6 travelers who are yet to depart should be considered "emergent" (sic) and their travel should be expedited. Monitor USAID for response; inform team#4 travelers of results. Update Team#4 grid as they provide the requested traveler information. Three additional travelers are expected to be named during April 11 week for departure tentatively set for April 15.

- **Coordination of IAEA and U.S. Efforts.** While the IAEA's Incident and Emergency Centre (IEC) has not agreed to be a formal "clearinghouse" (i.e., actively reaching out to all IAEA member states requesting that all assistance efforts be coordinated through the IEC), they are tracking all offers for assistance via a database that was posted on ENAC last week. For the effort to be effective, they need input from countries, and they do not have anything from the United States. The State Department is the lead in the "Consortium." INPO is the lead on equipment issues. Although US Embassy Tokyo had established a tracking system to compile assistance requests from the Japanese and offers from USG entities, INPO had been separately tracking equipment requests (see INPO item below). The Embassy and INPO tracking have been merged. On April 5th, LT received the latest equipment request matrices from USAID, originated by the Tokyo embassy. During April 5th conference call, OMB indicated to LT that they intend to start approving all finances for equipment purchases for Japan.

- **Watch schedule is changing in Ops Center.** The line organization will be involved more, and work in the Ops Center will include fewer people (6 people). An overall report defining changes to the Watch schedule and strategy is being developed by the ET. Outlook has been changed so that all three International Desk computers receive all email sent to each computer. There are folders for the other computers. This will capture all the messages and allow us to avoid checking more than one computer. **ACTION:** The OIP checklist will need to be changed regarding whom to contact for obtaining blackberries, laptops, etc., as Karen Jackson on ET02 Hoc will no longer be that person (someone within OIS should be identified by management). Karen said a transfer plan should be set up such that the blackberries remain in Japan, but get reset using new travelers' email accounts from our end as team members are replaced.

- **Mailbox size limits**. Team requested verification that mailboxes had size limits increased due to difficulties sending emails. On 4/7 received response from Joe Turner/OIS that email box sizes for those in Japan are being monitored daily for max capacity. **Action:** Notified Joe Turner about Team#4 travelers. Notify Joe Turner as new travelers are identified to leave for Japan.

- **Plant Status Updates.** James Whitney, NSIR has requested that all of the "Plant Status" news releases on ENAC be sent to him to assist other government agencies in their analysis of the situation. **ACTION:** Send james.whitney@nrc.gov "plant status updates" on ENAC as they come in (sent during day shift on 4/10).

- **TEPCO Earthquake Info.** Vince Holahan, the NRC staff member embedded with PACCOM, has requested to be on the distribution list for the Japanese earthquake info sent from TEPCO. **ACTION:** Please forward these emails to Vince.Holahan@nrc.gov as they are received (sent during day shift on 4/10).

- **Request to Share RST Document with Foreign Governments:** The Governments of Canada, the UK and Finland have requested that the RST share their "Stability Document," which they have discussed during their daily call with these governments. The request was forwarded to the ET, who is assessing what information is contained in the document before deciding on whether or not to share the document. The document is still in draft (awaiting interagency comments). PMT was given permission to read the draft document to conference call members. Release of this document will be addressed as part of the process being developed to address the release of a document to NY Times. **ACTION:** Continue to follow. **UPDATE (correction):** The RST Stability Document was not released to Mark Shaffer (as was previously reported). When the RST Stability Report section is completed, the final draft should be sent to Mark Shaffer, along with the requestors from Canada, UK, and Finland, as well as the Japan team.

- **1 Pager for Margie's Morning Meeting –** Danielle/Eric requested that the draft be sent to them to add to it overnight. They will send back updates via email. **ACTION:** Work off of the draft sent back from them. A final is in the works for the 4/10/11 one-pager, including Danielle's additions. (In future iterations, if they don't send back any updates overnight, then work off of the draft completed.)

Future Actions/OPEN ITEMS

- **News Reports on IAEA "Recommendation" to Extend Evacuation Zone:** News media is reporting that the IAEA has called on Japan to extend the evacuation zone around Fukushima, based on abnormal levels of radiation detected in a village outside the current evacuation zone. This was neither a special announcement nor a formal recommendation from the IAEA. Instead, the reports result from information provided at the March 30 IAEA technical briefing, at which DDG Denis Flory reported on the location of the abnormal radiation levels and noted that they were located outside the evacuation zone. When asked a direct question about whether the IAEA was recommending that Japan extend the zone, DDG Flory stated only that the IAEA was encouraging the "counterpart" to "carefully assess the situation." Full summary of technical briefing here: http://iaea.org/newscenter/news/tsunamiupdate01.html, relevant paragraph is the fourth paragraph under item #2, "Radiation Monitoring." Jen Schwartzman verified with Mark Shaffer that no formal announcement has come from IAEA in this regard.

- **Deputies Committee Decisions and Action Items:** SECY has been sending summaries of the Deputies Committee meetings as they are received and the LT Director/Coordinator have been tracking any actions pertinent to the LT. There are currently no international liaison tasks resulting from these meetings but the LT Director will inform us if this changes. **Action:** Mark Shaffer would like to see the summaries.

- **Translators.** 24/7 translation coverage in the HOC has been suspended. Mike Call who is in Japan until 4/16 speaks Japanese. At HQ there is a Japanese foreign assignee and other options available. Also, Tony Nakanishi may be available to provide translation assistance. USAID is paying for an NRC-dedicated translator in Tokyo. If we need items translated and cannot get assistance from within NRC, we can rely on them. **Action:** If in need of USAID translation support, fax the document to +81-3-3224-5538 and send a scanned (PDF) copy to the Japan site team as a backup.

- **INPO:** All equipment requests are now going through INPO. They are consolidating all available information. Contact information for INPO is 770-644-8118 or email at inpoercassistance@inpo.org.

- **NRC Health Unit request:** The NRC team members were given KI before they left. At this time the guidance is to not take the KI while on duty in Tokyo. However, due to the still-fluid nature of the environmental hazards posed by radioactive isotopes, there is still the possibility that KI could be required at some point. Should it become necessary to have the NRC team take the KI, the LIA02/LIA03 international liaisons would be responsible for receiving the advice from ADM/Dr. Cadoux and to get the information to the team immediately.

- **Daily calls with UK/France/Canada.** Calls will take place at 0930 with RST and PMT to discuss reactor-related and radiation-related information, respectively, with regulatory representatives from these three countries. Everyone should call into the HOO to be connected. Finland and the IAEA may also participate on an intermittent basis. **The new number to call into is** (b)(6) **and the pin is** (b)(6). **NOTE: There is no call on the weekends.**

- **Daily NRC Japan Team – RST/PMT Call.** The time of the call varies. As of 4/5 it was **2100** with RST and PMT have been notified of the call and international liaison should plan on participating (OIP staff in Japan don't necessarily participate). All parties should call into **301-816-5120** and use pass-code (b)(6).

- **Laptop shuffling in Japan.** Some laptops (the blue-top ones) still have difficulty printing so the ground team has requested the assistance of CSC in "re-assigning" the laptops that work well to the members of the 3rd team (since the 2nd team members leave Japan by 4/13). **ACTION:** No action for OIP but we may be requested to assist if there are any difficulties. We should also note that if future teams go to Japan, they should take non-blue-top or personal laptops to make it easier to connect to the Embassy printer.

- **Update Japan Traveler Information Document on LIA02 with Return Team info** – from LT Director please update the traveler table as NRC Japan Travel Team members return to U.S. **ACTION:** Await reply emails from returned travelers and update the Document on LIA02.

- **Announcement of French nuclear safety meeting in May:** Reuters is reporting that Sarkozy has announced plans for a high-level meeting of "G20 nuclear industry officials" in Paris in May 2011 "to define international nuclear safety standards." The article states that Sarkozy "declared this [meeting] would lay the groundwork for the IAEA high-level meeting on June 20-24. We are seeking additional information on this announcement from official channels. Message sent to Eric at 0400 inquiring whether he has heard anything via his French contacts (noting that ASN will be meeting with the NRC Team in the next day or two). Report any new information learned to OIP management and ET. The policy to delay meeting will be articulated by DOS high level representatives at a G-20 meeting in Abu Dhabi the week of April 4. The French announced their intent to convene this meeting, and stated that the Japanese Prime Minister is supportive. **ACTION:** OIP will continue to interact with interagency as appropriate and update ET.

DAILY ACTIONS/REMINDERS

- International updates must be sent to LIA07 (to be put in the HOO Status Update) before the end of every shift as well as posted on the LT status board (different than the LT Log).
- The 3-12 PM shift should try and work on the one pager and the 7 AM – 3 PM should finalize and send to Margie. Please include information from email from Danielle and Eric. Margie reminds us that the write-up should not contain technical details, which are already captured in other reports, and should be marked "Official Use Only – Foreign Government Information."
- Both shifts are responsible for sending all emails to the FOIA email address. Open new email, copy previous day's emails as an attachment and send to FOIA Response.hoc@nrc.gov. Also it would be helpful to mark the red flag on the right to show which emails were sent.
- The international team should sit in on calls with the ET and team leader (Chuck or Dan) to take notes and provide a short summary of what was discussed via email to OIP reps on Japan Team. The Chairman's briefing has been moved to 0800 while he is in Vienna, April 4-6, and will involve a three way call with Casto, ET, and Chairman. [Japan 13 hours ahead, Vienna 6 hours ahead]
- Prior to any international call you set up, please make sure you contact the HOOs to let them know that you are going to have an international call.

- Reminder to Keep Mark Shaffer in-the-loop at shaffermr@state.gov, regardless of time of day, regardless of whether he is in the office or asleep. Especially cc Mark on all communication to IAEA.
- Reminder to keep ISN/NESS on the distribution list for the NRC Japan situation reports ISN-NESS-DL@state.gov.
- Keep RST and PMT updated on who is currently in Japan on NRC team.
- Please make sure to keep the NRC Japan travelers list updated (check the last updated date) and post a new copy on LIA02 cabinet as changes occur.
- OIP has been tasked with providing IAEA ENAC daily summary to Commissioner's TAs and EDO POC. OIP is also being asked to place a cover page on this report indicating the sensitivity of the information. The document will be provided by email.

~~OFFICIAL USE ONLY~~

Lee, Richard

From: Lee, Richard
Sent: Monday, April 11, 2011 8:21 AM
To: Elkins, Scott
Cc: Wagner, Katie
Subject: RE: SNL Documents

Scott, we are still the contact point for this. Will forward this to Charlie Tinkler for recommendation.

From: Elkins, Scott
Sent: Monday, April 11, 2011 7:14 AM
To: Lee, Richard; Wagner, Katie
Subject: FW: SNL Documents

Richard, Alex Marion from NEI is requesting two additional documents be released to them. Are you still the POC for these requests?
Scott

From: MARION, Alex [mailto:axm@nei.org]
Sent: Friday, April 08, 2011 9:53 AM
To: Elkins, Scott
Subject: SNL Documents

Scott,

As I follow up to me call, we would appreciate having access to the following:

SANDIA LETTER REPORT
Revision 2 Completed: November 2006
"Mitigation of Spent Fuel Pool Loss-of-Coolant Inventory Accidents And Extension of Reference Plant Analyses to Other Spent Fuel Pools"
K. C. Wagner and R. O. Gauntt

Karlsruher Institute for Technology
"Separate-effects tests on the investigation of high-temperature oxidation behavior and mechanical properties of Zircaloy-2 to be used in the SFP PWR tests"
M. Steinbruck, M. Jung, and M. Walter

Thank you.

Alexander Marion
Vice President, Nuclear Operations

Nuclear Energy Institute
1776 I Street NW, Suite 400
Washington, DC 20006
www.nei.org

P: 202-739-8080
F: 202-533-0164
M: (b)(6) PII
E: axm@nei.org

AAAA/542

nuclear
Putting Clean Air Energy to Work.

FOLLOW US ON

Shuaibi, Mohammed

From: Chokshi, Nilesh
Sent: Monday, April 11, 2011 5:58 AM
To: NRO_SES Distribution; NRO DSER Branch Chiefs; Munson, Clifford; Bagchi, Goutam
Subject: Fw: No Subject
Attachments: Tohoku EQ &EBP R4.pdf

Importance: High

Mr. Abe is giving this presentation today. This is very informative. Feed line in his presentation refers to power lines. This is not a main topic of meeting here, but Mr. Abe took this opportunity. I will discuss more details when I return.

Sent from NRC Blackberry
Nilesh
(b)(6)

----- Original Message -----
From: abe-hiroshi@jnes.go.jp <abe-hiroshi@jnes.go.jp>
To: Chokshi, Nilesh
Cc: JamesJohnson (b)(6); ebisawa-katsumi@jnes.go.jp <ebisawa-katsumi@jnes.go.jp>; abe-hiroshi@jnes.go.jp <abe-hiroshi@jnes.go.jp>
Sent: Sat Apr 09 06:48:06 2011
Subject: Re: No Subject

Dear Nilesh
C.C Jim

Here I sent my material for next week ISSC MTG,
which summerise Tohoku EQ /Fukushima accident information
and our current opinion on key issues from that event we
hope to be considered in the EBP. please see page27-28.

I hope we can discuss on it next week at Viena.

Best Regards;
Hiroshi

Dear Hiroshi,

Thanks for your response. I plan to go to Vienna.

Regards,

Nilesh

Sent from NRC Blackberry
Nilesh
(b)(6)

AAAA/543

The 2011 Off the Pacific coast of Tohoku Earthquake

Damage to coastal NPPs
and
Common issue to be concerned

Apr. 2011

Japan Nuclear Energy Safety Organization
Seismic Safety Division

Content

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1 The earthquake outline	4
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3 Automatic shut-down of NPPs	9
• Effect on NPPs	
1 Fukushima • site	10
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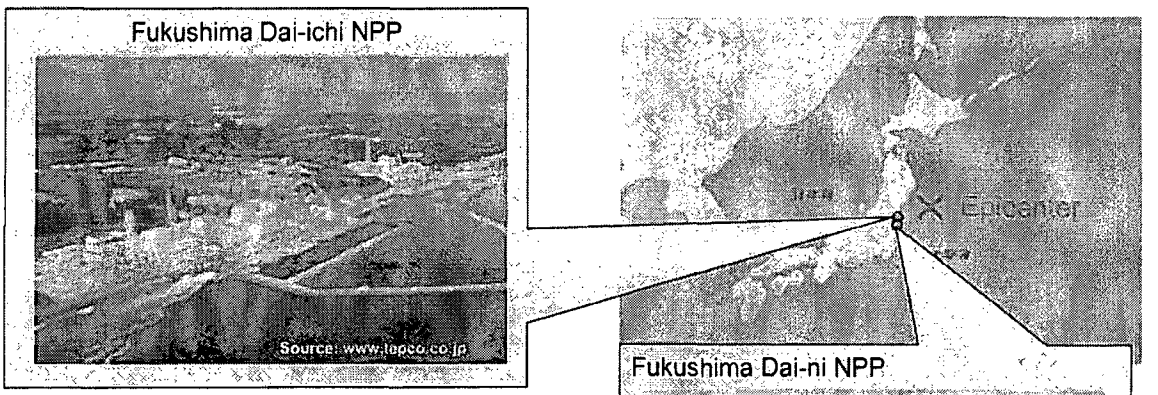
- •Phenomena

- The 2011 Off the Pacific coast of Tohoku Earthquake , Magnitude 9.0 Mw, attacked Tohoku-Kanto area at Mar.11.

- •Several seismic sources in off-shore of Tohoku-Kanto area were sequentially activated.
  Wide, slow and sequential slide at shallow sea area of Pacific ocean plate subducting zone
  - •Huge tsunami caused and attacked Tohoku-Kanto coast

- All NPPs operating at the area automatically shutdown
- Fukushima • •site heavily damaged by tsunami and cause radioactive accident

1 The earthquake outline



- Occurred 14:46 March 11, 2011
- Magnitude:9.0 Mw
- Epicenter location: 38• 6''N and 142• 51''E, and 24km in depth
- It is said that the height of tsunami attacked Fukushima NPP was more than 14m

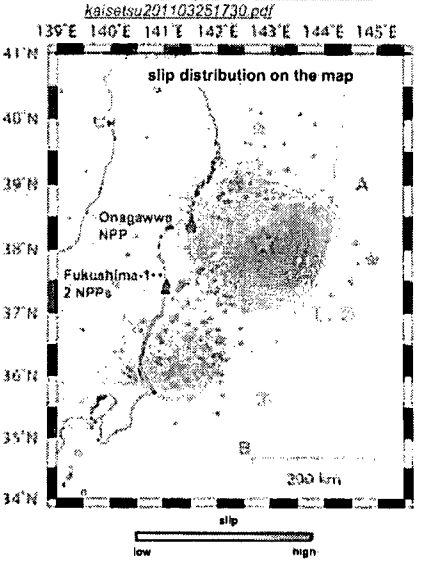
Overview of the 2011 off the pacific coast of Tohoku earthquake

(1) Source model

Origin time	March 11, 2011 at 14:46 (JST)
Magnitude	9.0 (Japan Meteorological Agency)
Distance	Sanriku offshore (130 km ESE of Ojika Peninsula), depth=24km
Focal Mechanism	Reverse fault with the axis of maximum compressional strain of WNW-ESE ・CMT solution・・
Seismic Intensity	7: Kurihara city, Miyagi, 6 28 cities and villages at Miyagi, Fukushima, Ibaraki and Tochigi Prefectures.
Epicenter	130km of Onagawa NPP, 180km of Fukushima NPP

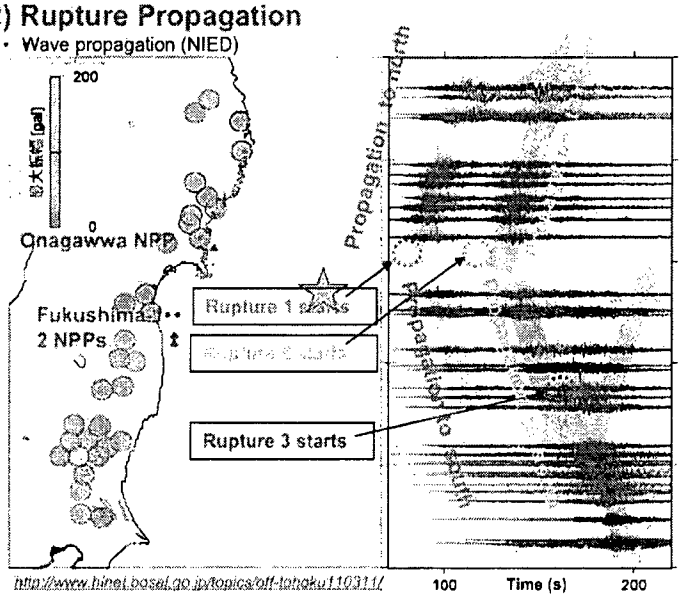
- Rupture process inverted from far-field data (JMA)

http://www.jma.go.jp/jma/press/1103/25b/kaisetsu201103251730.pdf

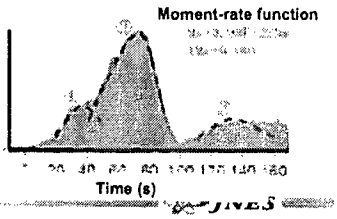


(2) Rupture Propagation

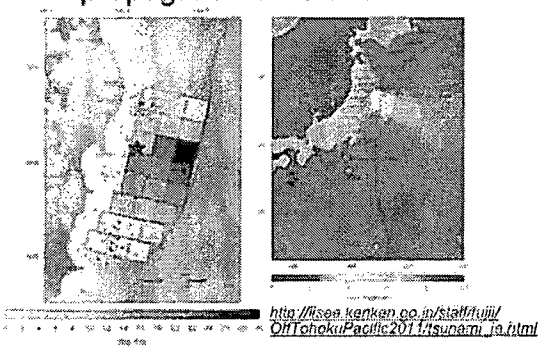
- Wave propagation (NIED)



http://www.hinet.bosai.go.jp/topics/off-tohoku110311/

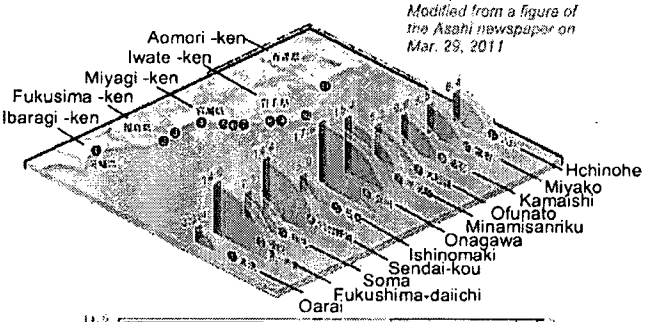


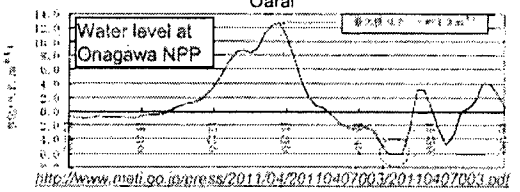
(3)Tsunami source model & propagation simulation



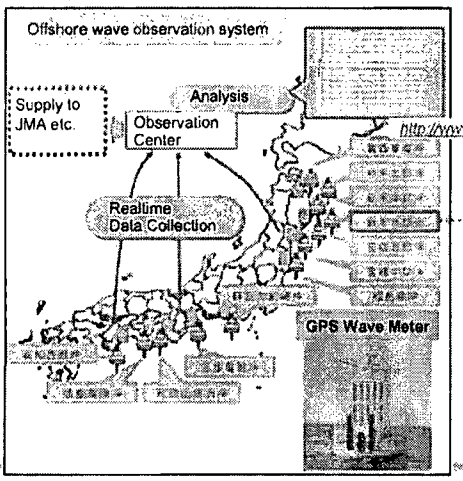
http://iisee.kenken.go.jp/staff/fujii/OffTohokuPacific2011/tsunami_ja.html

Modified from a figure of the Asahi newspaper on Mar. 29, 2011

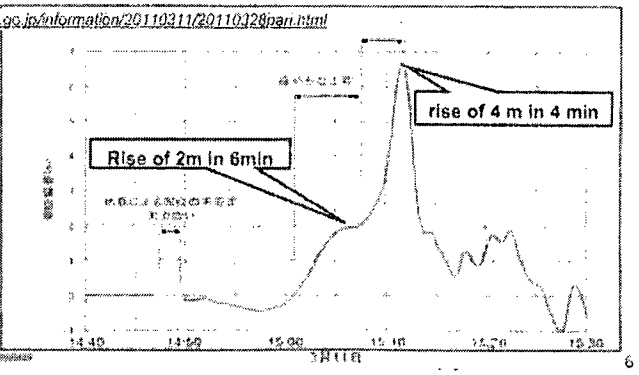




http://www.meti.go.jp/press/2011/04/20110407003/20110407003.pdf



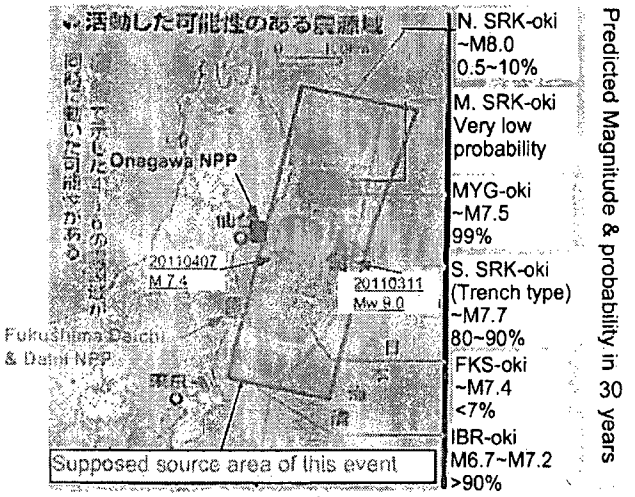
http://www.pari.go.jp/information/20110311/20110328pari.html



(4) Comparison of this event with scenario earthquakes/tsunami

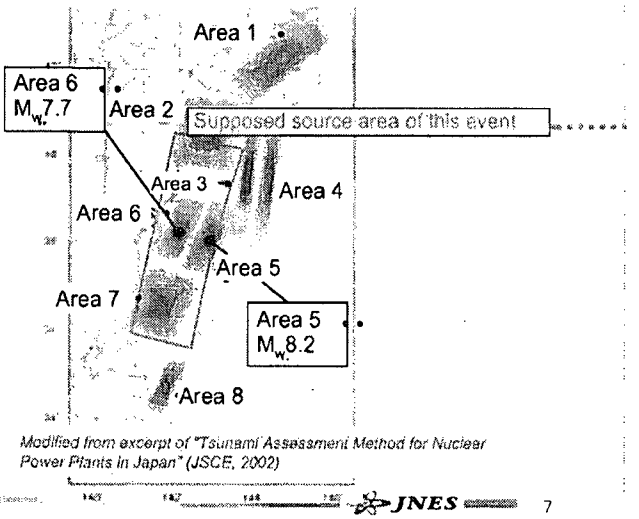
- **Scenario earthquakes used for seismic and tsunami design**
  - In accordance with the new seismic safety guide, DBGM Ss have been established with identification of earthquakes significant to the NPP sites (Onagawa, Fukushima, and Tokai NPP). The investigated earthquakes are selected by taking into account scenario earthquakes (trench-type, distributed from Northern Sanriku-oki to Boso-oki area) evaluated by the Headquarters for Earthquake Research Promotion (HERP).
  - This event ruptured a wide plate boundary area from Sanriku-oki in the north to Fukushima-oki in the south, resulting in a large magnitude unaccountable by the scenario earthquakes mentioned above.

- Scenario earthquakes (HERP) vs this event



Modified from a figure of the Yomiuri shimbun (newspaper) on Mar. 12, 2011

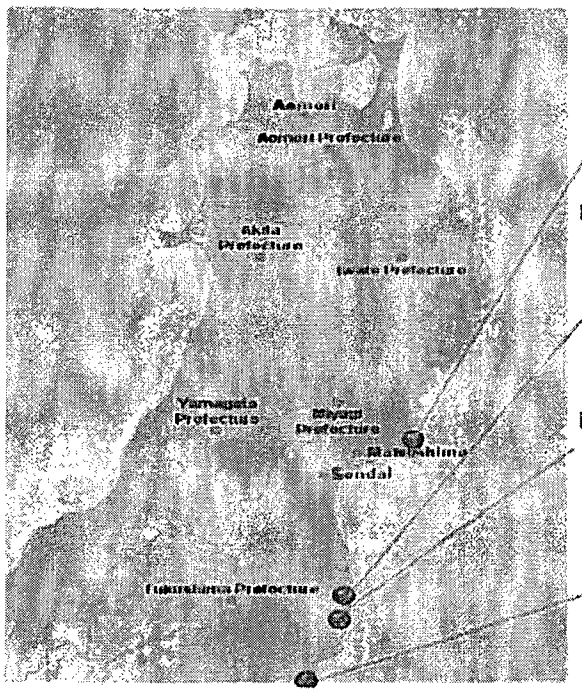
- Scenario tsunami sources (JSCE) vs this event



Modified from excerpt of "Tsunami Assessment Method for Nuclear Power Plants in Japan" (JSCE, 2002)

2 NPPs near epicenter of the earthquake

Location of the Nuclear Installations



Onagawa
- Unit1: 524 MW, 1984-
- Unit2: 825 MW, 1995-
- Unit3: 825 MW, 2002-

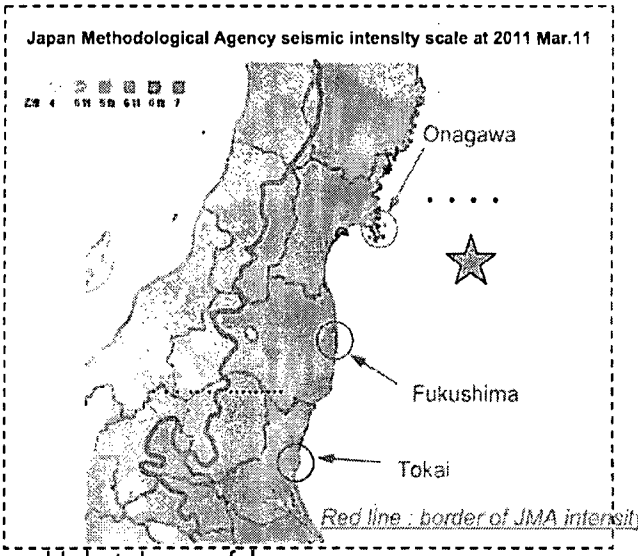
Fukushima I
- Unit1: 460 MW, 1971-
- Unit2: 784 MW, 1974-
- Unit3: 784 MW, 1976-
- Unit4: 784 MW, 1978-
- Unit5: 784 MW, 1978-
- Unit6: 1,100 MW, 1979-

Fukushima II
- Unit1: 1,100 MW, 1982-
- Unit2: 1,100 MW, 1984-
- Unit3: 1,100 MW, 1985-
- Unit4: 1,100 MW, 1987-

Tokai II (1,100 MW, 1978-)

3 Automatic shut-down of NPPs

- **11 reactors were automatically shut-down**
  - Onagawa Unit 1,2,3
  - Fukushima Dai-ichi (I) Unit 1,2,3
  - Fukushima-Dai-ni (II) Unit 1,2,3,4
  - Tokai Dai-ni (II)
- **5 reactors were under periodic inspection**
  - Fukushima Dai-ichi (I) Unit 4,5,6

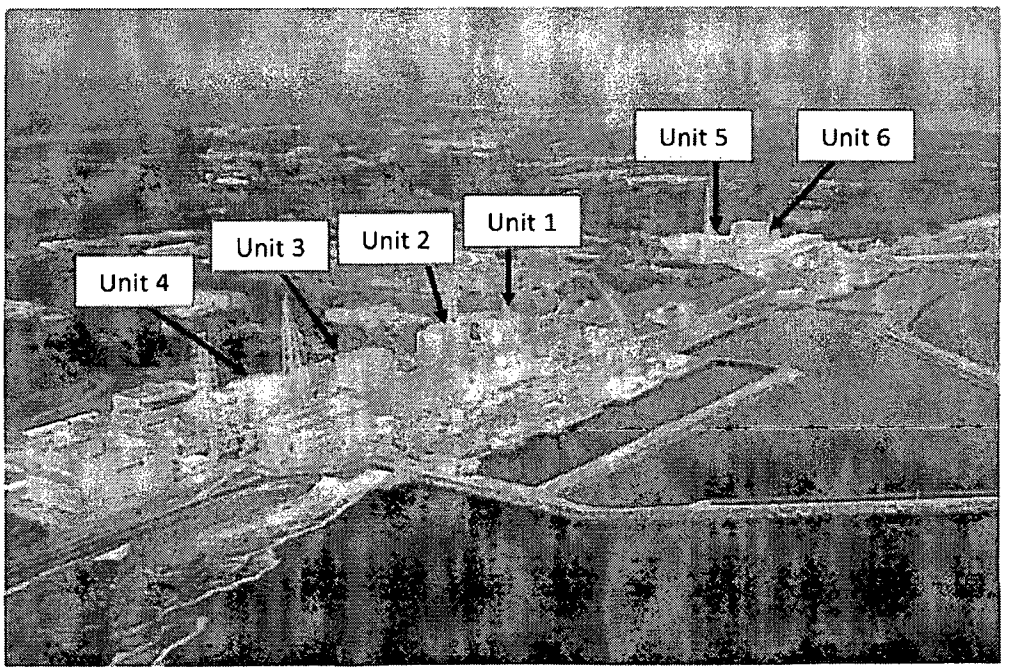


-After the automatic shut-down, the Unit 1-3 at Onagawa NPS, the Unit 3 at Fukushima II NPS, and the Unit at Tokai II NPS have been cold shut down safely.

-As for the unit 1,2,4 at Fukushima II NPS, the operator of the station reported NISA nuclear emergency situation because the temperature of the suppression pools became more than 100 • ; but afterward the three units have been cold shut down.

• •Effect on NPPs

1. Fukushima • •site

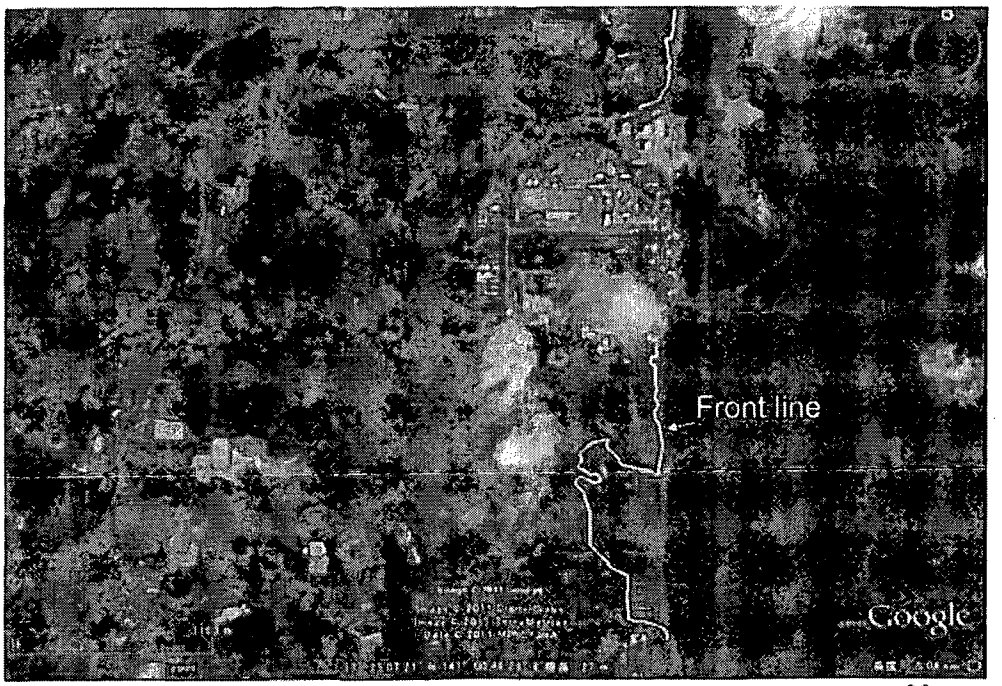


(1) Summary of Fukushima • •Site

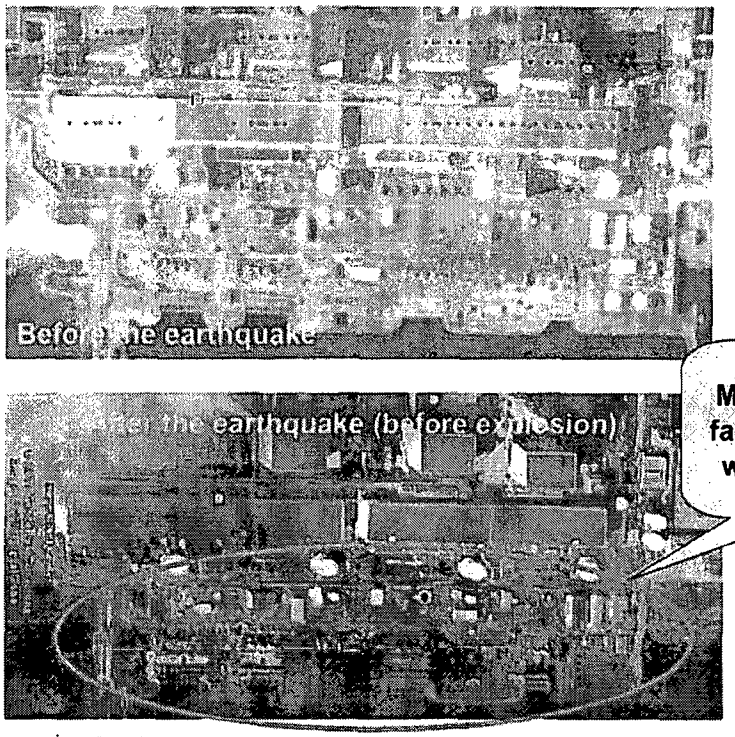
	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6
	BWR-3	BWR-4	BWR-4	BWR-4	BWR-4	BWR-5
PCV Model	Mark-1	Mark-1	Mark-1	Mark-1	Mark-1	Mark-2
Electric Output (MWe)	460	784	784	784	784	1100
Commercial Operation	1971,3	1974,7	1976,3	1978,10	1978,4	1979,10
Emergency DG	2	2	2	2	2	3*
Electric Grid	275kV• 4				500kV• 2	
Plant Status on Mar. 11	In Operation	In Operation	In Operation	Refueling Outage	Refueling Outage	Refueling Outage

* One Emergency DG is Air-Cooled

Fukushima • •Tsunami run-up front line



Before-after tsunami



(2) What happened at Fukushima • •site (1/3)

• Tsunami height *1(More14m)over plant elevation*2

***1: Design height 5.7m *2:Unit1-4:10m, Unit5-6:13m**

• •• • •• • •the •site, units 1-4 elevation are low and tsunami protection were relatively weak. These were heavily damaged and now causing radioactive accident

Sequence:

a. EQ ground motion*1 at Fukushima • •site was a little over Ss(600gal at base strutum)

*1 : Unit 1 R/B basemat response by Ss vs Record : 438gal vs 550 gal

b. Just after EQ attacked• Mar.11 PM14:46);

•• ••operating units1,2,3 automatically shut-down Scrum point:135gal

• All 8 feed lines to site for 6 units failed

••• •••••••• • •automatically started

Fukushima • ;• •Observed PGA in Mar.11 EQ

at R/B basemat; tentative value by Tepco,gal

観測点（原子炉建屋最地下階）		Observed			Zero Period Response by Ss		
		NS	EW	UD	NS	EW	UD
Fukushima • •	1 号機	460※2	447※2	258※2	487	489	412
	2 号機	348※2	550※2	302※2	441	438	420
	3 号機	322※2	507※2	231※2	449	441	429
	4 号機	281※2	319※2	200※2	447	445	422
	5 号機	311※2	548※2	256※2	452	452	427
	6 号機	298※2	444※2	244	445	448	415
Fukushima • •	1 号機	254	230※2	305	434	434	512
	2 号機	243	196※2	232※2	428	429	504
	3 号機	277※2	216※2	208※2	428	430	504
	4 号機	210※2	205※2	288※2	415	415	504

※1：これらの記録については暫定値であるため、今後の検討により変更となる可能性がある。
※2：記録開始から約 130～150 秒程度で記録が終了

What happened at Fukushima • •site (2/3)

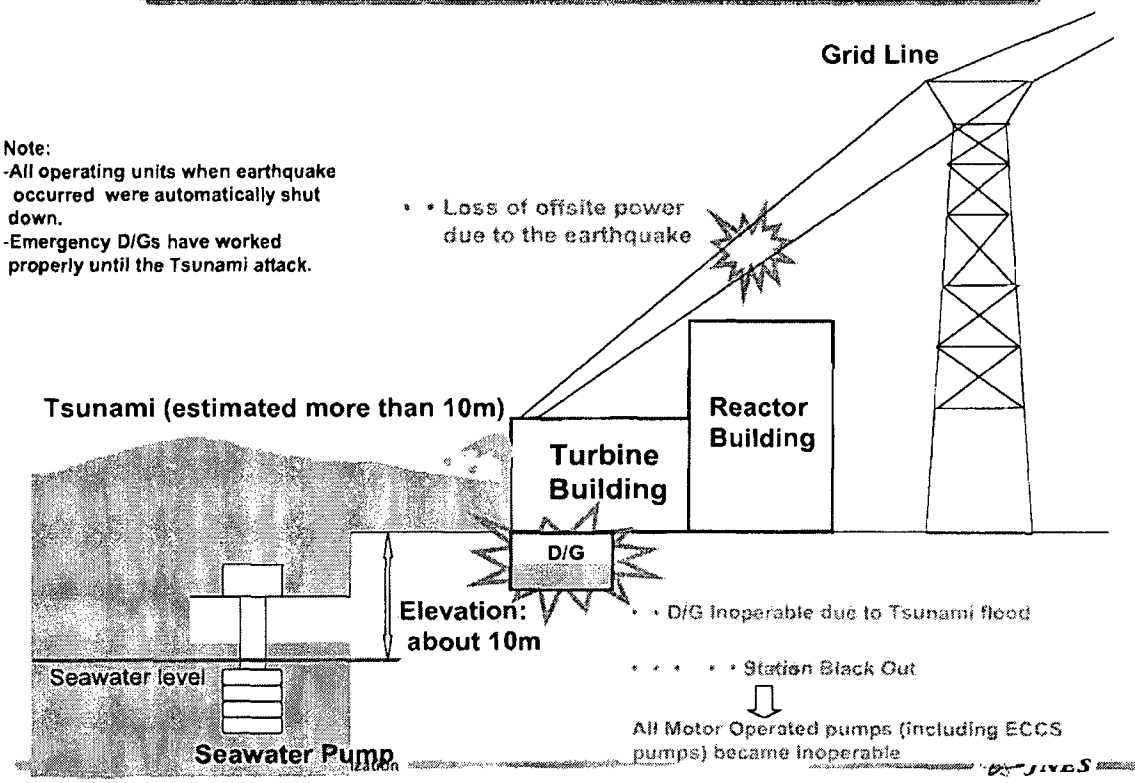
c. Tsunami attacked(around Mar.11 PM15:10);
- •• • •Water sys equipments submerged and failed.
- •Sea water invaded Turbine Bldg.
  EDG, electric panel and cable failed.

d. Station blackout and unable to cool fuel inside reactor and spent fuel pool

e. Hydrogen explosion heavily broke Reactor Bldg

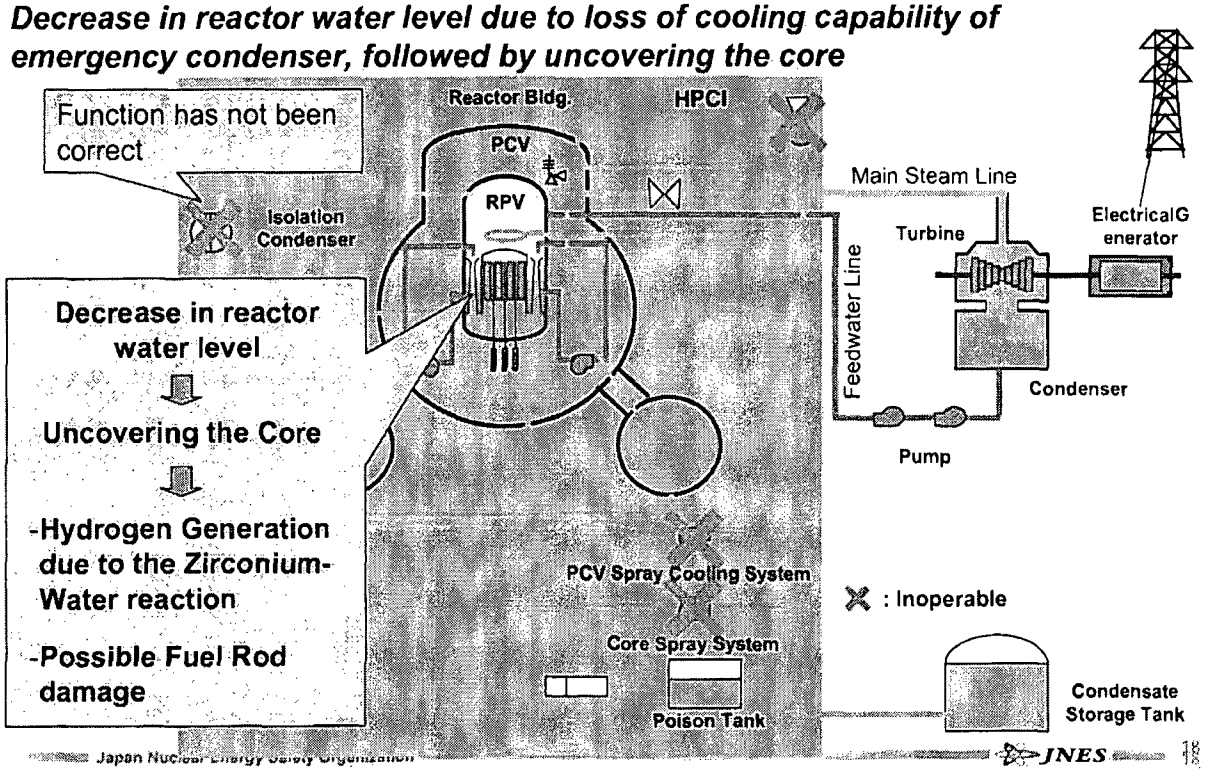
f. Radioactivity released to inside/outside of the site

Major root cause of the damage

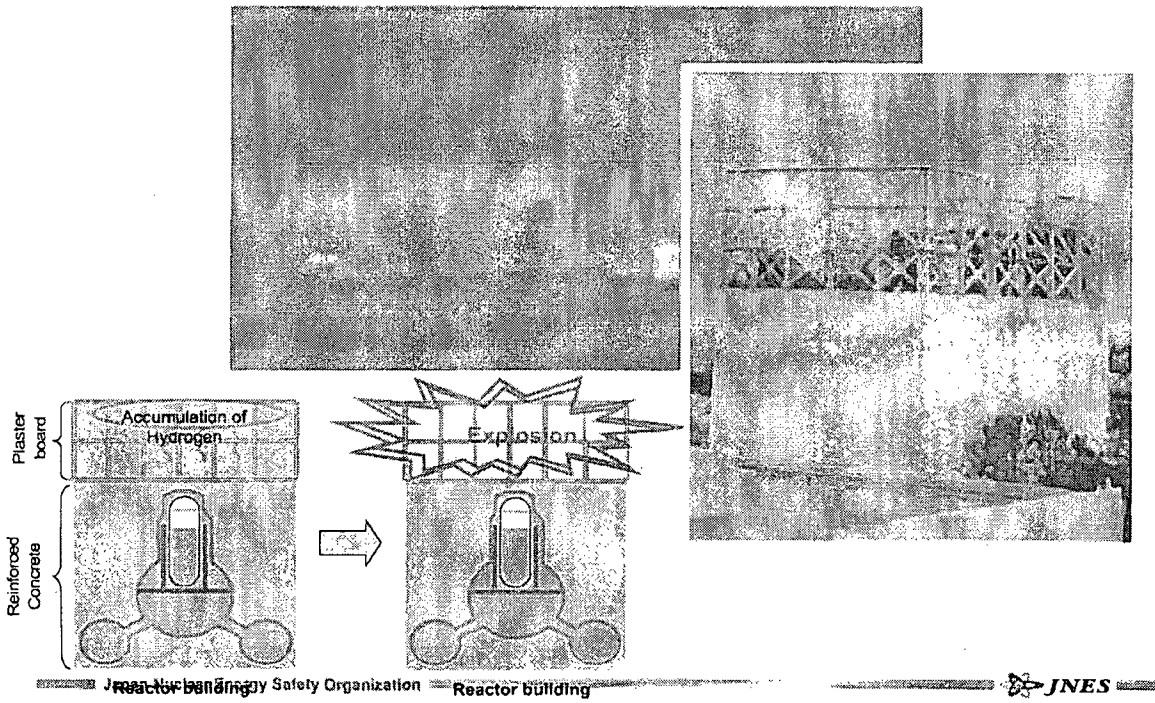


Major event progression at Unit 1

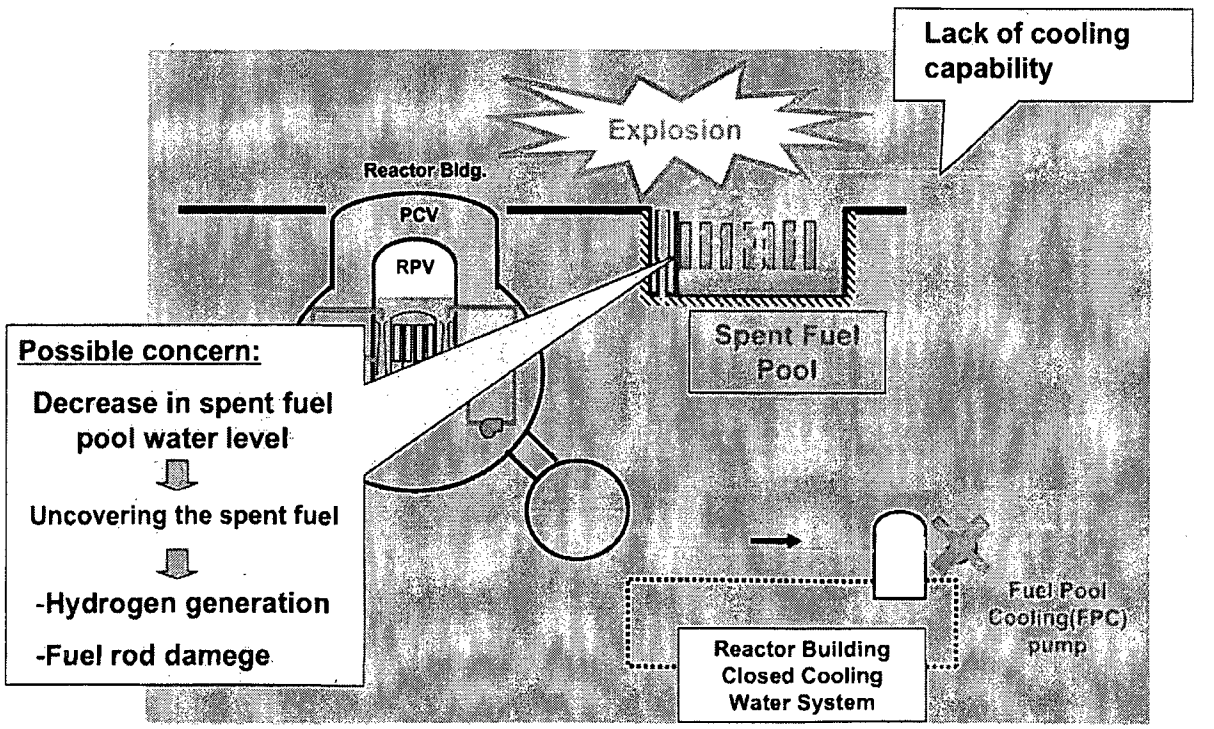
Decrease in reactor water level due to loss of cooling capability of emergency condenser, followed by uncovering the core



Hydrogen explosion in the operation floor



Possible concerns about Spent Fuel Pool



What happened at Fukushima • •site (3/3)

Efforts for cooling down of reactor and spent fuel and reducing radioactivity release by various emergency* method now continue under cooperation and support of many countries and organizations worldwide.

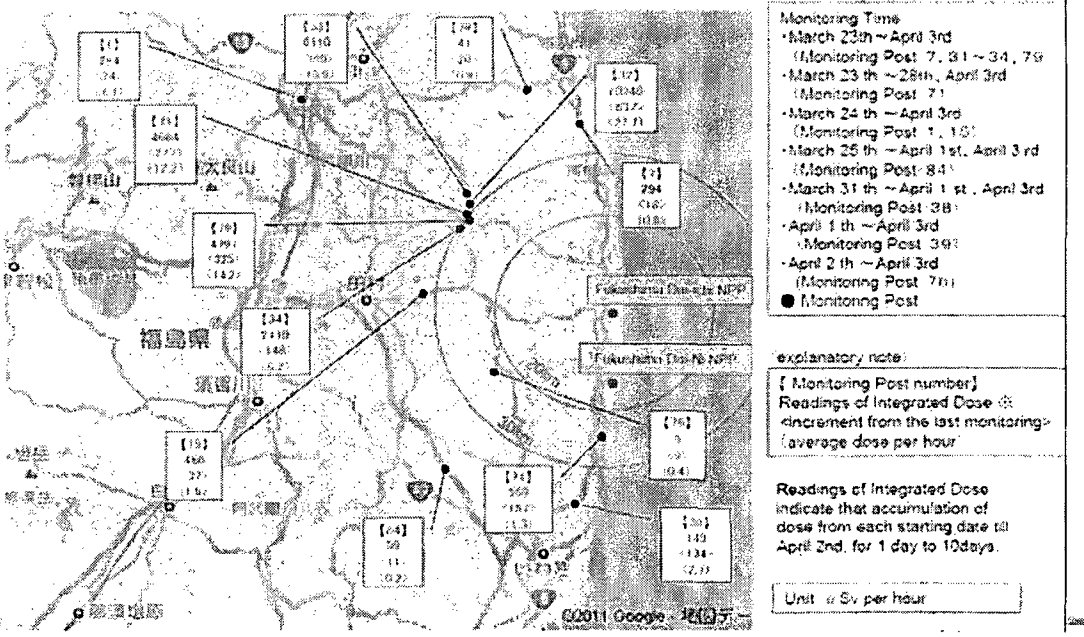
* : Sea water injection ⟶ Pure water injection ⟶ Plus N_2 gas cover
from air
by fire engine
by carry in pump and power
by plant system pump and power

(3)Monitoring by Gov.(MEXT) and local nuclear emergency response HQ

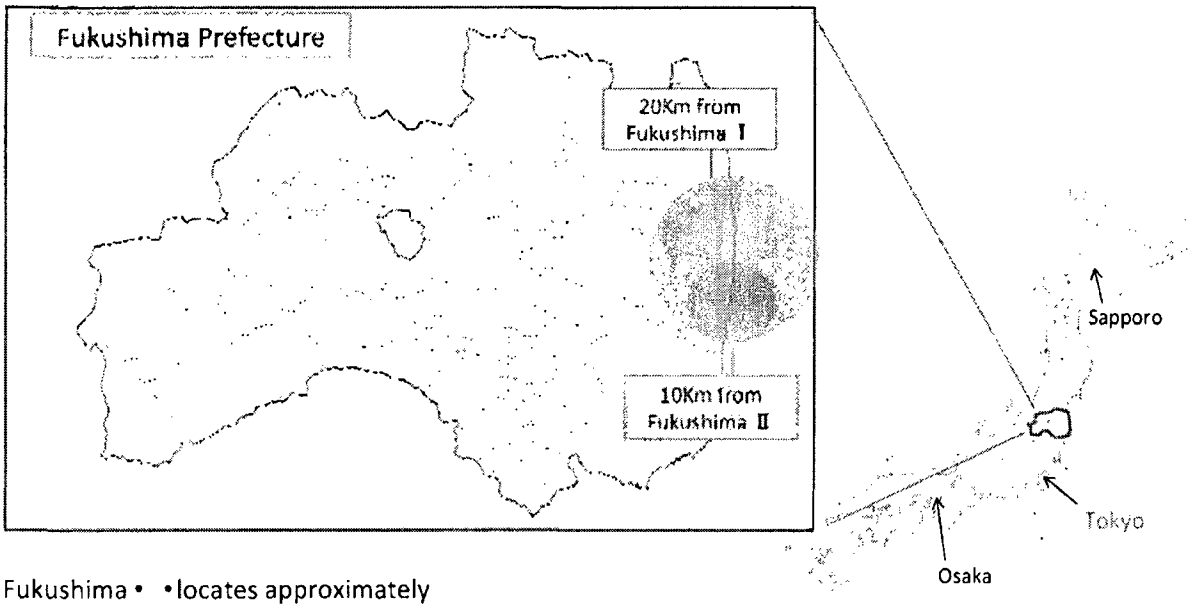
Cumulative Doses Measured

- Air dose rate cumulatively measured since April 3 topped 10,340• Sv at #32, approximately 30km North West from 1F.

Readings of Integrated Dose at Monitoring Post out of Fukushima Dai-ichi NPP



(4) Current Situation on Resident Evacuation



Fukushima • •locates approximately
- 230 km from Tokyo
- 580 km from Osaka
- 600 km from Sapporo

2 Fukushima • •site

- •EQ at Mar.11 14:46 • Automatic scrum
- ••3 of 4 feed lines to site failed but 1 lived.
  Reactor system of all units keep function by this feedline.
- •Tsunami attack at around 15:10 and its height (around 14m)
  over plant elevation(12m)
- •Sea water system of Unit 1,2,4 failed
- ••Sea water pump is inside HX bldg and not so much damaged
- ••By Mar.14 sea water system recovered and all units reached to cooled down stage.

3 Onagawa site (by Tohoku EPCO)

- EQ at Mar.11 14:46 • Automatic scrum (Scrum point 200gal(H))
  EQ ground motion* at Onagawa site was
  almost equal to Ss(580gal at base strutum)
  * : Unit 2 R/B basemat response by Ss vs Record :
  594gal vs 607 gal

(••Status of feed lines to site : to be confirmed
••• •••••••• •start up : to be confirmed)

- Tsunami attack at around 15:10(peak time was 15:30)
  but its height*(around13m) was under plant elevation(13.8m)
  * design hight:9.1m
- ••Some amount of sea water invaded the site and its effects are under checking (field oil tank etc)

4 Aftershock at Apr.7 , M7.4

Site	Feed line to site	Emergency DG
Higashi Dori	Fail	Started up
Rokkasyo	Fail	Started up
(Fuel re-processing)		
Onagawa 1U	Live	
2U	Fail	
Tokai	Live	

• • Common issue to be concerned (1/2)

Key Issue	fact	countermeasure	WA
1 Seismic and tsunami source coincidence with uncertainty	• coincidence in this area was not assumed	Plate tectonics	1
2 Un-assumed large tsunami	• 2-3times high tsunami than design attacked	Tsunami PSA PTHA	5 5
3 Against tsunami design	• Various design and various damage situation Plant /Equipment layout Care to Sea water pump, cable duct, panel,etc Care to Emergency DG Water proof front bldg		2
	• NS-G-1.6 and DS417 not cover Against tsunami design	Set up• Against tsunami design• in NS-G-1.6	2
4 Robustness of Outer grid	• Fukushima • fall in station blackout		?

Common issue to be concerned (2/2)

Key Issue	fact	countermeasure	WA
5 Accident management	• Under radiation working • Carry in pump and power • Huge amount of contaminated water arising from external injection	Preparedness and training Contingency response	4
6 Multi unit site	• Common mode (Tsunami) cause 4 units accident at F• •	Seismic PSA TsunamiPSA Siting	3 5 8
7 Multiple Hazard	• Earthquake plus following Tsunami	Seismic PSA plus Tsunami PSA	3 5
	• Main shock plus many aftershocks		3

• • Remarks

- Continue to make every possible efforts to bring the situation under control
- Will identify the cause of the accident completely and review safety assurance measures
- Offer the information as much as possible and share the experience and knowledge of the accident with the international community
- Contribute to ISSC-EBP through aboves

From: ET02 Hoc
Sent: Thursday, April 21, 2011 12:44 PM
To: Bloom, Steven
Subject: RE: Question

Thanks but no thanks – Jen was able to help me. ..karen

From: Bloom, Steven
Sent: Thursday, April 21, 2011 12:42 PM
To: ET02 Hoc
Subject: Re: Question

I am almost back in the office do you still need me.

Sent from an NRC Blackberry
Steve Bloom
(b)(6)

From: ET02 Hoc
To: Bloom, Steven
Sent: Thu Apr 21 09:53:28 2011
Subject: Question

Steve:

Are you in the office today? Are you available to take a phone call? Thanks...karen

AAAA/544

From: LIA02 Hoc
Sent: Monday, April 11, 2011 3:08 PM
To: ET02 Hoc; Wittick, Brian
Cc: Emche, Danielle; LIA06 Hoc; LIA08 Hoc
Subject: RE: CONSORTIUM CALL AT 2000 EDT TODAY
Attachments: JAPAN TRAVELER-ContactInfolist.doc

From: ET02 Hoc
Sent: Monday, April 11, 2011 2:46 PM
To: Wittick, Brian; LIA02 Hoc
Cc: Emche, Danielle; LIA06 Hoc; LIA08 Hoc
Subject: RE: CONSORTIUM CALL AT 2000 EDT TODAY

These were coordinated with OIP. If you know of names that are missing or ones that shouldn't be there, please let me know. I added Blamey and you to the list after I sent this e-mail out. ...karen

From: Wittick, Brian
Sent: Monday, April 11, 2011 2:38 PM
To: ET02 Hoc; LIA02 Hoc
Cc: Emche, Danielle; LIA06 Hoc; LIA08 Hoc
Subject: Re: CONSORTIUM CALL AT 2000 EDT TODAY

Please ask OIP to provide a list of who is currently over here. The names cited reflect status of about two weeks ago.

Thanks

Sent from NRC BlackBerry
Brian Wittick
(b)(6)

From: ET02 Hoc
To: Wittick, Brian; LIA02 Hoc
Cc: Emche, Danielle; LIA06 Hoc; LIA08 Hoc
Sent: Mon Apr 11 10:02:05 2011
Subject: RE: CONSORTIUM CALL AT 2000 EDT TODAY

I have updated the "liaison japan" group based on information supplied by OIP as follows – Bernhard, Call, Casto, Collins, Dorman, Emche, Garchow, Gepford, Hay, Holahan, Huffert, Mitman, Monninger, Moore, Ramsey, Reynolds, Salay and Stahl. If anyone else should be included please let me know. Thanks...karen

From: Wittick, Brian
Sent: Monday, April 11, 2011 3:52 AM
To: LIA02 Hoc; ET02 Hoc
Cc: Emche, Danielle; LIA06 Hoc; LIA08 Hoc
Subject: RE: CONSORTIUM CALL AT 2000 EDT TODAY

AAAA/545

Request the "liaison japan" group address be updated with the current list of people in Japan. Also, request that the "pre-travel checklist" for new people coming to Japan be updated to identify that people should check in with OIS to ensure they have the correct type of international blackberry. I have an international blackberry and assumed it would work everywhere since it previously had and the carrier said it should, but turns out only specific international blackberries do and OIS knows which ones.

Thanks,
Brian

From: Stahl, Eric
Sent: Sunday, April 10, 2011 5:58 PM
To: LIA02 Hoc; Liaison Japan
Cc: Emche, Danielle; Wittick, Brian
Subject: RE: CONSORTIUM CALL AT 2000 EDT TODAY

It is our understanding that the call the is still occurring and that NRC HQ will continue to take the lead (at least for today). Last I heard was that Embassy or DOE will transition to the lead at some point in the near future.

Thanks,
Eric

From: LIA02 Hoc
Sent: Monday, April 11, 2011 6:56 AM
To: Liaison Japan
Cc: Emche, Danielle; Stahl, Eric
Subject: CONSORTIUM CALL AT 2000 EDT TODAY
Importance: High

All,

Please confirm the Consortium call is still on for today at 2000 EDT.

Assuming it is on, please advise as to who will be heading up today's Consortium call.

Thanks,

LIA02

Last updated pages: 4/11/2011

#4 NRC TEAM in Japan - Leaving Week of April 9, 2011 - NRC TRAVELERS IN JAPAN

Name	Phone Number (internal BB or cell)	Email/Other	Flight Arrival (Japan Time)	Return date to U.S.	Emergency contact
Steve Garchow Region IV Senior Operations Engineer	(b)(6)	Steve.Garchow@nrc.gov	Apr 13, 3:15 pm	May 3, 10:45 am	(b)(6)
Heather Gepford Region II Technical Assistant	(b)(6)	Heather.Gepford@nrc.gov	Apr 13, 4:15 pm	May 3, 1:15 pm	(b)(6)
Anthony (Tony) Huffert RES Sr. Health Physicist	(b)(6)	Anthony.Huffert@nrc.gov	Apr 13, 3:10 pm	May 3, 3:37 pm	(b)(6)
Jeff Mitman NRR Sr. Reliability & Risk Analyst	Cell (b)(6) (b)(6)	Jeffrey.Mitman@nrc.gov	April 13, 3:10 pm	May 3, 3:37 pm	(b)(6)
Carl Moore Region III Operations Engineer	(b)(6)	Carl.Moore@nrc.gov	Apr 13, 4:15 pm	May 3, 8:55 am	(b)(6)
Steve Reynolds Region III Executive Level - Team Lead To replace Elmo Collins	(b)(6)	Steven.Reynolds@nrc.gov	April 13, 4:15 pm	May 3, 4:05 pm	(b)(6)
Tim Lupold			Apr 15		(b)(6)
Brian Wittick, OIP Licensing Officer	(b)(6)	Brian.Wittick@nrc.gov	Sun, Apr 9 3:55 p.m.	Sat, April 16 3:37 p.m.	(b)(6)

					Susan.Wittick@nrc.gov

#3 NRC TEAM in Japan - Leaving April 2/3 and Return on April 16, 2011 - NRC TRAVELERS IN JAPAN

Name	Phone Number (internal BB or cell)	Email/Other	Flight Arrival (Japan Time)	Return date to U.S.	Emergency contact
Rudy Bernhard, Region II Expertise in severe accident management, B5b and accident recovery, Leaves 4/2	BB: (b)(6)	Rudolph.bernhard@nrc.gov	Sun, Apr 3 4:00 PM	Sat, April 16 2:55 p.m.	(b)(6)
Michel (Mike) Call, NMSS Nuclear Engineer Fluent in Japanese and lived in Japan for two years, Leaves 4/2	BB: (b)(6)	Michel.call@nrc.gov	Sun, Apr 3 3:10 PM	Sat, April 16 3:37 p.m.	(b)(6)
Elmo Collins, RIV Executive level – Assistant Team Leader.	BB: (b)(6)	Elmo.collins@nrc.gov	March 30 1:05 PM	April 14 (expected)	(b)(6)
Mike Hay, RIV Extensive experience in emergency planning and event response experience. Masters in HP, Leaves 4/22	BB: (b)(6)	Michael.Hay@nrc.gov	Sun, Apr 3 4:00 p.m.	Sat, April 16 9:20 a.m.	(b)(6)
Mike Salay, RES Severe accident expertise, OECD - leaves 4/2 or 3	BB: (b)(6)	Michael.Salay@nrc.gov	Sun, Apr 3 10:00 PM		(b)(6)
Vince Holahan, FSME Sr. level Advisor **Departure with Navy Honolulu, HI**			March 28 9:35 p.m.		

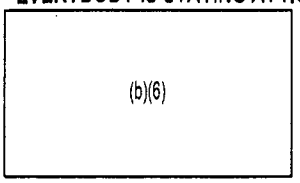
#2 NRC TEAM in Japan - Left last week in March and will return by April 7th -- NRC TRAVELERS IN JAPAN

Name	Phone Number (internal BB or cell)	Email/Other	Flight Arrival (Japan Time)	Return date to U.S.	Emergency contact
Alan Blamey, RII Chief of Construction Project Branch Leaves 3/22	(b)(6) (NRC bb)	Alan.Blamey@nrc.gov Picked up KI in Region II	March 23 3:30 PM,		(b)(6)
Marie Miller Chief, Material Security and Industrial Branch, RI Leaves 3/24	(b)(6) NRC BB	Marie.Miller@nrc.gov Had dosimeter from the region.	March 25 2:15 PM	April 9, 9:15 PM in Phily (Arrived)	(b)(6)
Syed Ali Senior Level Advisor, Div of Engineering, RES Leaves 3/24	(b)(6) NRC BB	Syed.Ali@nrc.gov Picked up dosimeter 03/22	March 25 4:35 PM	April 4, 3:37 PM Dulles	(b)(6)
Abdul Sheikh, NRR Leaves 3/24	(b)(6) NRC BB	Abdul.Sheikh@nrc.gov Picked up dosimeter 03/22	March 25 4:35 PM	April 4, 3:37 PM Dulles	(b)(6)
Danielle Emche, International Relations Specialist, OIP Leaves 3/26	(b)(6) NRC BB	Danielle.Emche@nrc.gov	March 27	April 12	(b)(6)
Eric Stahl, International Relations Specialist, OIP Leaves 3/28	(b)(6) NRC BB	Eric.Stahl@nrc.gov	March 29	April 11	(b)(6)

TEAM #1 - NRC TRAVELER INFORMATION IN JAPAN

Name	Phone Number	Email	Flight Arrival (Japan Time)	Flight Arrival (EDT)	Return Date to U.S.
Chuck Casto – Will remain in Japan Deputy Regional Administrator, Region II Executive Level – Team Lead Interface with the Ambassador, military, Japan cabinet and regulators	(b)(6)	Chuck.casto@nrc.gov	1:30 PM Wed., 3/16		April 12, 2011

EVERYBODY IS STAYING AT HOTEL IN TOKYO



From: LIA10 Hoc
Sent: Monday, April 11, 2011 1:25 PM
To: LIA08 Hoc; LIA02 Hoc; LIA03 Hoc
Subject: FW: Status of travel arrangements?

-----Original Message-----
From: LIA02 Hoc
Sent: Monday, April 11, 2011 1:25 PM
To: LIA08 Hoc; LIA03 Hoc; LIA10 Hoc
Subject: FW: Status of travel arrangements?

-----Original Message-----
From: Gepford, Heather
Sent: Monday, April 11, 2011 1:25 PM
To: LIA02 Hoc
Subject: Status of travel arrangements?

i have not received any travel/flight details yet. Is there any info you needed frpom me?

I an out of the office trying to get my shots. If you need to reach me please call (b)(6) or email me at (b)(6)

Thanks!

From: LIA02 Hoc
Sent: Monday, April 11, 2011 12:23 PM
To: Garchow, Steve; Gepford, Heather; Huffert, Anthony; Reynolds, Steven; Mitman, Jeffrey; Moore, Carl
Subject: FW: TRAVELER NEEDS FOR THOSE GOING TO JAPAN THIS WEEK - BLACKBERRY AND LAPTOP

Please get business cards from your branch/office secretary with the appropriate blackberry number below.

Thank you,

Steve

-----Original Message-----
From: ET02 Hoc
Sent: Monday, April 11, 2011 12:06 PM
To: LIA02 Hoc; LIA03 Hoc
Subject: FW: TRAVELER NEEDS FOR THOSE GOING TO JAPAN THIS WEEK - BLACKBERRY AND LAPTOP

Steve:
Here are the phone numbers for the BBs - wasn't sure if you wanted to share this with the group. ...karen

AAAA/546

-----Original Message-----
From: Reyes, Debra
Sent: Monday, April 11, 2011 12:01 PM
To: ET02 Hoc
Cc: Turner, Joseph
Subject: RE: TRAVELER NEEDS FOR THOSE GOING TO JAPAN THIS WEEK - BLACKBERRY AND LAPTOP

Good Morning,

Below is the list of the BB numbers for the six users:

Name	Wireless Number
Garchow, Steve	(b)(6)
Gepford, Heather	(b)(6)
Huffert, Anthony	
Reynolds, Steven	
Mitman, Jeffrey	(b)(6)
Moore, Carl	

-----Original Message-----
From: ET02 Hoc
Sent: Sunday, April 10, 2011 3:26 PM
To: NOC_Members; Turner, Joseph; Reyes, Debra; Heard, Robert
Cc: Huffert, Anthony; Mitman, Jeffrey; LIA02 Hoc; LIA03 Hoc; Garchow, Steve; Moore, Carl; Evans, Michele; Gepford, Heather; Reynolds, Steven
Subject: RE: TRAVELER NEEDS FOR THOSE GOING TO JAPAN THIS WEEK - BLACKBERRY AND LAPTOP
Importance: High

Joe, Debbie, Rob and other OIS:

Another request for a blackberry from a traveler in Region II (Gepford). Looks like we'll be busy first thing in the morning. Hopefully the HQ travelers can carry blackberries to the regional travelers so we don't have to mail them. I'll call Rob Heard when I get in the Ops Center in the morning. We haven't heard from Carl Moore yet but let's get a blackberry ready for him as well so it is ready for him. Here is the summary of what is needed tomorrow:

6 international blackberries needed for Huffert, Mitman, Garchow, Reynolds, Gepford and Moore
1 international laptop for Huffert (can he use one of the air cards currently in Japan if he wants to use the laptop from the hotel?)

Thanks...karen

-----Original Message-----
From: Gepford, Heather
Sent: Sunday, April 10, 2011 2:54 PM
To: Reynolds, Steven; ET02 Hoc; NOC_Members; Turner, Joseph; Reyes, Debra; Heard, Robert
Cc: Huffert, Anthony; Mitman, Jeffrey; LIA02 Hoc; LIA03 Hoc; Garchow, Steve; Moore, Carl; Evans, Michele
Subject: RE: TRAVELER NEEDS FOR THOSE GOING TO JAPAN THIS WEEK - BLACKBERRY AND LAPTOP

I've got the same problem as Steve with respect to getting a blackberry, since I'm in Region II. How are we going to handle the regional folks?

Thanks,
Heather Gepford

From: Reynolds, Steven
Sent: Sunday, April 10, 2011 1:18 PM
To: ET02 Hoc; NOC_Members; Turner, Joseph; Reyes, Debra; Heard, Robert
Cc: Huffert, Anthony; Mitman, Jeffrey; LIA02 Hoc; LIA03 Hoc; Garchow, Steve; Moore, Carl; Gepford, Heather; Evans, Michele
Subject: RE: TRAVELER NEEDS FOR THOSE GOING TO JAPAN THIS WEEK - BLACKBERRY AND LAPTOP

Karen,

I would like an international blackberry also. As I am in Region III, would it be possible to ask Jeff Mitman or Tony Huffert to bring it with them to Japan. If that is not possible, is it possible to overnight it tonight so that it will be in Region III tomorrow (Monday)?

thanks,
Steve Reynolds

From: ET02 Hoc
Sent: Sunday, April 10, 2011 10:39 AM
To: NOC_Members; Turner, Joseph; Reyes, Debra; Heard, Robert
Cc: Huffert, Anthony; Mitman, Jeffrey; LIA02 Hoc; LIA03 Hoc; Reynolds, Steven; Garchow, Steve; Moore, Carl; Gepford, Heather
Subject: TRAVELER NEEDS FOR THOSE GOING TO JAPAN THIS WEEK - BLACKBERRY AND LAPTOP

Anthony (Tony) Huffert, RES, one of the NRC staff who is traveling to Japan on Tuesday, would like to have an international Blackberry and international laptop. Even though he may not travel on Tuesday (see earlier e-mail from ET02 on this) we need to go on the assumption that he will travel on that day; therefore we need to have the BB and laptop ready and delivered to the Ops Center by 2PM tomorrow, Monday 4/11/11. Tony also would like to have some training on using the BB when he picks it up BB at 2PM.

My earlier e-mail indicated that Jeff Mitman, NRR wanted a international BB as well so let's work on getting him one for the same time. I'm sending him a cc of this e-mail so he can provide additional information and/or changes to pick up time based on his needs. Also, Jeff could you please indicate whether you want a laptop or not?

I have not heard from the other travelers yet. Thanks...Karen Jackson, EST Response Ops Systems Mgr

From: LIA03 Hoc
Sent: Monday, April 11, 2011 2:12 PM
To: LIA08 Hoc; LIA02 Hoc; LIA10 Hoc
Subject: FW: Status of KI

From: LIA02 Hoc
Sent: Monday, April 11, 2011 2:12 PM
To: LIA08 Hoc; LIA03 Hoc; LIA10 Hoc
Subject: FW: Status of KI

From: Wittick, Brian
Sent: Monday, April 11, 2011 2:12 PM
To: LIA02 Hoc
Subject: Re: Status of KI

I don't understand the question. Each person on the team was issued some, the embassy has a bunch, the military has truckloads, and the japanese have a ton. Since guidance says you shouldn't take it if over forty, most of the team has spare to donate to a worthy cause.

Sent from NRC BlackBerry
Brian Wittick
(b)(6)

From: LIA02 Hoc
To: Emche, Danielle; Stahl, Eric; Wittick, Brian
Sent: Mon Apr 11 13:45:31 2011
Subject: Status of KI

How much KI is over there.. do you think we need anymore.

Steve

AAAA/547

From: LIA08 Hoc
Sent: Monday, April 11, 2011 12:43 PM
To: Emche, Danielle; LIA06 Hoc; ET02 Hoc; LIA01 Hoc
Subject: RE: daily updates to the US-Japan Nuclear-Related Assistance Tracker

Talk to Alan Blamey. He is working on the update today/tonight
IF he can't help you let me know-
Thanks
LisaG

Lisa Gibney Wright
Liaison Team Coordinator
US Nuclear Regulatory Commission
Email: lia08.hoc@nrc.gov
Desk Ph: 301-816-5185

From: Emche, Danielle
Sent: Monday, April 11, 2011 12:33 PM
To: LIA06 Hoc; LIA08 Hoc; ET02 Hoc; LIA01 Hoc
Subject: Fw: daily updates to the US-Japan Nuclear-Related Assistance Tracker
Importance: High

For the 2000 consortium call, Tim's version (Embassy) is the only update we've seen since the last call. (Please let me know if this is not correct.) NRC Japan may or may not have a few updates. We'll wait to make changes until we hear from HQ.

Danielle
Sent from an NRC BlackBerry.

From: Cipullo, Timothy L <CipulloTL@state.gov>
To: Blamey, Alan; Berger, William (RDMA/OFDA) <wberger@usaid.gov>; Stahl, Eric; Emche, Danielle; Wittick, Brian
Cc: Wall, Marc M <WallMM@state.gov>; Howard, E. Bruce <HowardEB@state.gov>; Cherry, Ronald C <CherryRC@state.gov>; Spurlock, Kenneth R (TDY/MDAO) <TDYSpurlockKR@state.gov>; Spurlock, Kenneth CAPT USN MDAO (b)(6); LIA06 Hoc; LIA08 Hoc
Sent: Mon Apr 11 07:39:26 2011
Subject: RE: daily updates to the US-Japan Nuclear-Related Assistance Tracker

Alan, Eric, Danielle, Brian,

Here is the latest version of the US-Japan Nuclear-Related Assistance Tracker. I started with the document we used in this morning's conference call. Then I merged my notes from the conference call, Ron Cherry's updates from DOE, weekend emails from Washington, and input from USFJ.

Somewhere along the way, the column for GOJ Action Office & POC got lost. We need to copy this back in from the short version we received from Saito-san in the GOJ.

Please add in any other updates you have from NRC and forward it to the list to use for tomorrow's conference call.

AAAA/548

From: RST01 Hoc
Sent: Tuesday, April 12, 2011 6:26 PM
To: ET02 Hoc; ET01 Hoc
Subject: FW: Question from Congressman Markey's staff
Attachments: Fukushima Daiichi Information as of 1800 EDT April 12 for Markey.doc

Please see below.

From: RST09 Hoc
Sent: Tuesday, April 12, 2011 6:02 PM
To: RST01 Hoc
Subject: RE: Question from Congressman Markey's staff

Information added qualifying table for Rep. Markey's office.

Antonios Zoulis
RST Severe Accident Analyst

From: RST01 Hoc
Sent: Tuesday, April 12, 2011 3:32 PM
To: RST09 Hoc; RST07 Hoc
Subject: FW: Question from Congressman Markey's staff

From: Riley (OCA), Timothy
Sent: Tuesday, April 12, 2011 3:31:32 PM
To: RST01 Hoc
Cc: Powell, Amy; Droggitis, Spiros
Subject: FW: Question from Congressman Markey's staff
Auto forwarded by a Rule

RST,
As I discussed over the phone with Mike Brown, OCA would like to provide the attached matrix of pressure and radiation readings from Fukushima to the staffer for Rep. Markey. However, OCA would also like to accompany the data with a statement explaining that the data does not lend itself readily to interpretation; that we cannot offer a comparison of Unit 1 to Unit 2 without relying overly on speculation.
So that I can send the data to Congressman Markey, can you provide me with approved language explaining this?

Timothy Riley
Congressional Affairs Officer
U. S. Nuclear Regulatory Commission
Office of Congressional Affairs
Phone: 301-415-8492
Blackberry: (b)(6)

AAAA/549

From: ET01 Hoc
Sent: Tuesday, April 12, 2011 5:46 PM
To: ET02 Hoc
Subject: FW: Response to Rep. Markey's staffer

From: Virgilio, Martin
Sent: Tuesday, April 12, 2011 5:45:49 PM
To: Riley (OCA), Timothy; Cianci, Sandra; ET01 Hoc
Subject: Re: Response to Rep. Markey's staffer
Auto forwarded by a Rule

Thanks Tim.

From: Riley (OCA), Timothy
To: Virgilio, Martin
Sent: Tue Apr 12 17:42:56 2011
Subject: RE: Response to Rep. Markey's staffer

Understood. Because she already gets the noon operation center report, I will omit the data and just move forward on coordinating a briefing for tomorrow.

Timothy Riley
Congressional Affairs Officer
U. S. Nuclear Regulatory Commission
Office of Congressional Affairs
Phone: 301-415-8492
Blackberry: (b)(6)

From: Virgilio, Martin
Sent: Tuesday, April 12, 2011 5:39 PM
To: Riley (OCA), Timothy
Subject: Re: Response to Rep. Markey's staffer

Suggest you stick to the noon operation center report and that you provide the entire report or the full table from that report with the data for the reactors and fuel pools for context

---

From: Riley (OCA), Timothy
To: Virgilio, Martin
Sent: Tue Apr 12 17:33:50 2011
Subject: RE: Response to Rep. Markey's staffer

The data we would send is the pressure and radiation readings for Units 1,2, and 3 as of 0700 4/12/2011.

Timothy Riley
Congressional Affairs Officer
U. S. Nuclear Regulatory Commission

AAAA/550

Office of Congressional Affairs
Phone: 301-415-8492
Blackberry: (b)(6)

From: Virgilio, Martin
Sent: Tuesday, April 12, 2011 5:31 PM
To: Riley (OCA), Timothy
Subject: Re: Response to Rep. Markey's staffer

Tim

I am on my bb. What data do you propose sending.

Marty

From: Riley (OCA), Timothy
To: Virgilio, Martin; Cianci, Sandra; ET01 Hoc; Evans, Michele
Cc: Powell, Amy; Schmidt, Rebecca; Droggitis, Spiros
Sent: Tue Apr 12 17:27:19 2011
Subject: RE: Response to Rep. Markey's staffer

Understood. If you approve, I'll send the chart to the staffer now along with an offer for a briefing.

Timothy Riley
Congressional Affairs Officer
U. S. Nuclear Regulatory Commission
Office of Congressional Affairs
Phone: 301-415-8492
Blackberry: (b)(6)

From: Virgilio, Martin
Sent: Tuesday, April 12, 2011 5:23 PM
To: Riley (OCA), Timothy; Cianci, Sandra; ET01 Hoc; Evans, Michele
Cc: Powell, Amy; Schmidt, Rebecca; Droggitis, Spiros
Subject: Re: Response to Rep. Markey's staffer

Tim

Maybe. It depends on the time of the call. I would be comfortable having the day shift ET director take the call

Marty

From: Riley (OCA), Timothy
To: Virgilio, Martin
Cc: Powell, Amy; Schmidt, Rebecca; Droggitis, Spiros
Sent: Tue Apr 12 17:07:24 2011
Subject: Response to Rep. Markey's staffer

Marty,
We're trying to provide a response to Rep. Markey's staffer, who earlier had a question about radiation/pressure readings at Unit 1 and what can be inferred from them. OCA understands that the answers we provide should not be speculative, hence we would only provide the attached data.
We'd also like set up a call for tomorrow, to address the staffer's questions and her request for a briefing. Would you be available?

Timothy Riley
Congressional Affairs Officer
U. S. Nuclear Regulatory Commission
Office of Congressional Affairs
Phone: 301-415-8492
Blackberry: (b)(6)

From: ET02 Hoc
Sent: Tuesday, April 12, 2011 1:53 PM
To: Reyes, Debra; Turner, Joseph
Subject: FW: Re-establish a Japan Traveler's BB

Importance: High

Quick question – do you know why my request become two tickets? Also, do I need to ok the ticket since I'm the Ops Center IT Coordinator or is this type of request going to Rob Taylors' IT Coordinator who might not have any knowledge about his trip to Japan and why this request was made? What's the normal turnaround time for this type of request? Thanks...karen

From: CSC
Sent: Tuesday, April 12, 2011 12:20 PM
To: ET02 Hoc
Cc: Reyes, Debra; Turner, Joseph; Erskine, Pamela; Hart, Robin; Hincke, John
Subject: RE: Re-establish a Japan Traveler's BB

The Customer Support Center has received your support request.

Your reference numbers are listed below. Please use these referral numbers when contacting the Customer Support Center for status inquiries regarding your current support request.
511675- 511676

Please feel free to e-mail or call us at 301-415-1234 if you require further assistance.

Thank you for contacting the Customer Support Center.

Jude Moise
NRC Customer Support Center
Two White Flint North, 5th floor C-14
Hours: 6:00 AM-9:00 PM (M-F)
Hours: 9:00 AM-9:00 PM (Sat-Sun)
(301) 415-1234

From: ET02 Hoc
Sent: Tuesday, April 12, 2011 11:11 AM
To: CSC
Cc: Reyes, Debra; Turner, Joseph
Subject: Re-establish a Japan Traveler's BB
Importance: High

Rob Taylor, from NRR, has returned from Japan and needs to have his original BB returned to service((b)(6) is the phone number). He will bring in the international BB and other equipment that he took with him to Japan tomorrow. I do not have a tag number for the BB. Thanks very much...Karen Jackson, Response Ops Sys Mgr, Operations Center

AAAA/551

From: Reyes, Debra
Sent: Tuesday, April 12, 2011 3:00 PM
To: ET02 Hoc
Subject: FW: Blackberry request for SEAN MEIGHAN tickets 511705 & 511707 traveling to Japan.
Attachments: image001.jpg

fyi

From: Hincke, John
Sent: Tuesday, April 12, 2011 2:54 PM
To: Brusoe, Eric; Kim, Jay; Turner, Joseph
Cc: CSC; L3_JAPAN; Francis, Sharoon; Padilla, William; Heard, Robert; Reyes, Debra
Subject: RE: Blackberry request for SEAN MEIGHAN tickets 511705 & 511707 traveling to Japan.

All,

Tim Barnes is delivering Sean Meighan's international BB right now.

VR,

John Hincke, PMP
CSC & Deskside Manager
L3 Communications
STRATIS
John.Hincke@NRC.gov
(b)(6) (Blackberry)

From: Brusoe, Eric
Sent: Tuesday, April 12, 2011 2:40 PM
To: Kim, Jay; Turner, Joseph
Cc: CSC; L3_JAPAN; Francis, Sharoon; Padilla, William; Heard, Robert; Reyes, Debra
Subject: RE: Blackberry request for SEAN MEIGHAN tickets 511705 & 511707 traveling to Japan.

The TSC team is working the BB.

Eric Brusoe, PMP, CHE
Infrastructure Services Planning Team
Senior IT Specialist
Infrastructure and Computer Operations Division
Office of Information Services
U.S. Nuclear Regulatory Commission
301-415-5053

From: Kim, Jay
Sent: Tuesday, April 12, 2011 2:08 PM
To: Turner, Joseph; Brusoe, Eric
Cc: CSC; L3_JAPAN

AAAA/552

From: Bloom, Steven
Sent: Tuesday, April 12, 2011 9:17 AM
To: ET02 Hoc
Subject: FW: NRC travelers for 4/12

Karen,

Third traveler

Steve

From: Evans, Michele
Sent: Tuesday, April 12, 2011 9:15 AM
To: Kozal, Jason
Cc: LIA02 Hoc; LIA03 Hoc; Bloom, Steven; Meighan, Sean
Subject: RE: NRC travelers for 4/12

The third traveler is Sean Meighan/NRR. Sean's (b)(6) Try for travel on Thursday 4/14.

thanks

From: Kozal, Jason
Sent: Monday, April 11, 2011 3:24 PM
To: Evans, Michele
Cc: LIA02 Hoc; LIA03 Hoc
Subject: NRC travelers for 4/12

Michele,

All 6 travelers for 4/12 have tickets and hotel accommodations in Tokyo. We have one of the names, Tim Lupold travelling on 4/14, for the remaining three and are just waiting on the other two individual's names. USAID will begin processing Tim and any others in the AM.

Respectfully,

Jason Kozal

Senior Emergency Response Coordinator-
Federal Interagency Coordinator
Office of Nuclear Security and Incident Response
Division of Preparedness and Response
Coordination Branch
US Nuclear Regulatory Commission
(O) 301-415-6231
(BB) (b)(6)
jason.kozal@nrc.gov

AAAA/553

From: Jackson, Karen
Sent: Thursday, April 21, 2011 4:12 PM
To: Reyes, Debra; Turner, Joseph
Cc: LIA08 Hoc; ET02 Hoc
Subject: FW: OUO-Travel to Japan
Signed By: karen.jackson@nrc.gov

Importance: High

FYI – the next group of travelers.

...karen jackson
Emergency Response Coordinator
DPR/NSIR/USNRC
Office: 301-415-6398
Cell: (b)(6)
MS: T-4L7
e-mail: karen.jackson@nrc.gov

From: Bloom, Steven
Sent: Thursday, April 21, 2011 4:08 PM
To: Jackson, Karen
Subject: FW: OUO-Travel to Japan

FYI

From: Holahan, Patricia
Sent: Thursday, April 21, 2011 4:05 PM
To: Leeds, Eric; Ruland, William; Givvines, Mary; Tracy, Glenn; Hudson, Jody; Satorius, Mark; Pederson, Cynthia; McCree, Victor; Abrams, Charlotte; Mamish, Nader; Haney, Catherine; Kokajko, Lawrence; Doane, Margaret
Cc: Mitchell, Matthew; Plasse, Richard; Freeman, Scott; Lynch, James; Miller, Mark; Peterson, Hironori; Temps, Robert; Masse, Todd; Stapleton, Bernard; Young, Francis; Bloom, Steven; Schwartzman, Jennifer; Reynolds, Steven; Casto, Chuck; Evans, Michele; Virgilio, Martin; Matheson, Mary; Mitchell, Reggie; Marshall, Jane
Subject: OUO-Travel to Japan

Office directors,

Thank you very much for your nominees to support Japan. I have tried not to impact any one office too much but I think these folks will be a great support for Chuck and Steve in Japan.

Francis (Skip) Young
Hironori Peterson
Mark Miller
Robert Temps
Richard Plasse
Scott Freeman
Jim Lynch
Matthew Mitchell

Either Steve Bloom or Jen Schwartzman in OIP will be in touch with the travelers. We're planning on them leaving around the 28th or 29th of April.

AAAA / 554

Thanks again,

Trish

Patricia K. Holahan
Director, Division of Security Operations
Office of Nuclear Security and Incident Response
U.S. Nuclear Regulatory Commission
Washington, DC 20555

(301) 415-6828 (work)
(b)(6) (cell)
patricia.holahan@nrc.gov

OIP_ITServices Resource

From: LIA02 Hoc
Sent: Wednesday, April 13, 2011 4:19 AM
To: Bloom, Steven
Subject: FW: IAEA Technical Briefing Summary for April 12, 2011
Attachments: IAEA Technical Briefing 04122011.docx

From: Shaffer, Mark R[SMTP:SHAFFERMR@STATE.GOV]
Sent: Wednesday, April 13, 2011 4:18:40 AM
To: Shaffer, Mark R; Scheland, Mark DL; IAEA Vienna; Davies, Glyn T
Cc: LIA02 Hoc; Schwartzman, Jennifer; (b)(6)
johnsonsm@oro.doe.gov; (b)(6)

(b)(6)

Subject: IAEA Technical Briefing Summary for April 12, 2011
Auto forwarded by a Rule

IAEA Technical Briefing on Fukushima Accident - April 12, 2011

The IAEA Technical Briefing on April 12 was led by Deputy Director General Denis Flory, and supported by Mr. Miro Lipar, from the Division of Nuclear Installation Safety; Ms. Elena Buglova, Acting Director for the Incident & Emergency Center; and Ms. **Maria Betti, Director of** IAEA's Marine Environmental Laboratories in Monaco.

Current Situation

Overall, the situation at the Fukushima Daiichi plant remains very serious, but there are early signs of recovery in some functions such as electrical power and instrumentation.

Provisional INES Level 7 Rating

IAEA confirmed that the Nuclear and Industrial Safety Agency (NISA) has submitted a provisional International Nuclear and Radiological Event Scale (INES) Level 7 rating for the accident at the Fukushima Daiichi nuclear power plant. This new provisional rating considers the accidents that occurred at **Units 1, 2 and 3** as a single event on INES and uses estimated total release to the atmosphere as a justification.
Previously, separate provisional INES Level 5 ratings had been applied for **Units 1, 2 and 3**.
The provisional rating was determined by NISA after it received the results of the analysis conducted by the Japan Nuclear Energy Safety Organization (JNES). NISA then applied the INES assessment methodology to calculate the total estimated release in terms of radiological equivalence to I-131.

Based on this provisional assessment, NISA concluded that the accident would be provisionally rated INES Level 7 as per the definition in the 2008 Edition of the INES Manual, which identifies a level & accident as "*An event resulting in an environmental release corresponding to a quantity of radioactivity radiologically equivalent to a release to the atmosphere of more than several tens of thousands of terabequerels of I-131.*"
NISA estimates that the release of radioactive material to the atmosphere is approximately 10% of the Chernobyl accident, which is the only other accident to have an INES Level 7 rating.

Protective Measures

"On April 11, the Government of Japan announced that they had concluded to establish 'Planned Evacuation Areas' and 'Evacuation prepared Area' in the areas beyond the 20km radius from the Fukushima Daiichi

AAAA/555

nuclear power plant. The review was conducted because the Government considered the safety of residents its first priority. The Government of Japan considered the standards recommended by the International Commission on Radiological Protection (ICRP) and the International Atomic Energy Agency (IAEA) as part of the review.

With regard to the 'Planned Evacuation Areas', the Japanese authorities have found that the areas beyond 20 km radius could be exposed to over 20mSv during the course of the next one year, approximately until next March. Therefore the Government of Japan will be consulting with the local communities in terms of planned evacuations, ant at this juncture they are hoping that this planned evacuation will be carried out during the next month to come. The Planned Evacuation Areas that have been newly designated for evacuation include Kutsurao village, Namie town, Iitate village, a part of Kawamata town and a part of Minami Souma City.

The Government also defined a second new area called the 'Evacuation Prepared Area'. This area includes the area previously defined as the 'Indoor Evacuation Area' between 20 and 30 km from Fukushima Daiichi, but excludes those areas designated above as 'Planned Evacuation Areas'.
Within the 'Evacuation Prepared Area' people living in this area should be prepared for indoor evacuation or evacuation (outside of this area) in case of emergency. Voluntary evacuation is recommended within this area. Children, pregnant women, people who require nursing care and those who are hospitalized should not enter this area. Kindergartens, pre-schools, elementary schools, junior-high schools and high school will be closed within this area."

Earthquake of 11 April
With regard to earthquake that occurred in Japan at 08:16 UTC, on April11, the IAEA International Seismic Safety Centre rated it as a 6.6 magnitude, revised from an initial 7.1 magnitude. The epicenter of the earthquake was in Fukushima Prefecture, 68 km from the Daiichi nuclear power plant. The epicenter was inland at a depth of 13.1 km. The IAEA contacted NISA who confirmed the following regarding the status of the Fukushima Daiichi nuclear power plant:

- No changes were observed on the readings at the on-site radiation monitoring posts;
- Workers were temporarily evacuated to the seismic evacuation shelter;
- Off-site power was lost and water injection pumps for **Units 1, 2 and 3** stopped but were restarted 50 minutes after the earthquake; and
- The injection of nitrogen into **Unit 1** stopped and resumed later.

Fukushima Daiichi Plant Status

In **Unit 1** fresh water is being continuously injected into the RPV through the feed-water line at an indicated flow rate of 6 m^3/h using a temporary electric pump with off-site power. In **Units 2 and 3** fresh water is being continuously injected through the fire extinguisher lines at an indicated rate of 7 m^3/h using temporary electric pumps with off-site power.

Nitrogen gas is being injected into the **Unit 1** containment vessel to reduce the possibility of hydrogen combustion within the containment vessel. The pressure in this containment vessel is increasing due to the addition of nitrogen. The pressure in the RPV is increasing as indicated on both channels of instrumentation. In **Units 2 and 3** Reactor Pressure Vessel and Drywell pressures remain at atmospheric pressure.

RPV temperatures remain above cold shutdown conditions in all Units, (typically less than 95 °C). In **Unit 1** temperature at the feed water nozzle of the RPV is 221 °C and at the bottom of the RPV is 120 °C. In **Unit 2** the temperature at the feed water nozzle of the RPV is 155 °C. The temperature at the bottom of the RPV was not reported. In **Unit 3** the temperature at the feed water nozzle of the RPV is 97 °C and at the bottom of the RPV is 111 °C.

There has been no change in status in **Units 4, 5 and 6** and the Common Spent Fuel Storage Facility.

Radiation Monitoring

On April 11, deposition of both iodine-131 and cesium-137 was detected in 6 and 8 prefectures respectively. The values reported for iodine-131 ranged from 2.1 to 35 Bq/m^2 and for cesium-137 from 5.2 to 41 Bq/m^2.

Gamma dose rates are measured daily in all 47 prefectures, the values tend to decrease. For Fukushima, on April 11 a dose rate of 2.1 µSv/h, for the Ibaraki prefecture a gamma dose rate of 0.15 µSv/h was reported. The gamma dose rates in all other prefectures were below 0.1 µSv/h.
Dose rates are also reported specifically for the Eastern part of the Fukushima prefecture, for distances of more than 30 km to Fukushima-Daiichi. On April 11, the values in this area ranged from 0.2 to 25 µSv/h.

In an additional MEXT monitoring program, on April 11 measurements were reported for 25 cities in 13 prefectures. In Fukushima City, a value of 0.42 µSv/h was observed. In all other cities, gamma dose rates ranged from 0.04 to 0.13 µSv/h. Typical normal background levels are in the range of 0.05 to 0.10 µSv/h. Also on April 11, the IAEA Team made measurements at 9 different locations in the Fukushima area at distances of 30 to 58 km, West to Northwest from the Fukushima nuclear power plant. At these locations, the dose rates ranged from 0.1 to 2.2 µSv/h. At the same locations, results of beta-gamma contamination measurements ranged from 0.01 to 0.28 Megabecquerel/m^2.

Analytical results related to food contamination were reported by the Japanese Ministry of Health, Labor and Welfare on 11 April, and covered a total of 21 samples taken on 8 April and 10 to 11 April. Analytical results for all of the samples of various vegetables, spinach and other leafy vegetables, fruit (strawberries), various meats (chicken, beef and pork), seafood and unprocessed raw milk in eight prefectures (Fukushima, Gunma, Hyogo, Ibaraki, Miyagi, Niigata, Saitama and Yamagata) indicated that I-131, Cs-134 and/or Cs-137 were either not detected or were below the regulation values set by the Japanese authorities.

Marine Monitoring
TEPCO is conducting a program for seawater (surface sampling) at a number of near-shore and off-shore monitoring locations. Up until April 3, a general decreasing trend was observed at the sampling points TEPCO 1 to TEPCO 4. After the discharge of contaminated water on April 4, a temporary increase has been reported. As of April 12, no new data for TEPCO 1 - 10 sampling points have been reported.

MEXT Off-shore Monitoring Program
As reported in previous briefings, MEXT initiated the off-shore monitoring program on March 23 and subsequently points 9 and 10 were added to the off-shore sampling scheme. On April 4, MEXT added two sampling points to the north and west of sampling point 1. These are referred to as points A and B. As of April 12, no new data for all MEXT sampling points have been reported.

Questions from Member States
Member States asking questions today included Japan, Singapore, Korea, Russia and France.
Nearly all questions centered on more detail regarding the INES 7 rating. Singapore and Korea in particular wanted to know what member states "should be doing differently in response to the new rating." Despite DDG Flory's best efforts to explain that INES is meant to relay information based on scientific findings, not to describe conditions on the ground or real effects on human health or the environment, the member states continued to probe for what actions they should take in response to this "new" decision. Russia was also vocal in this discussion, stating that it is "not appropriate to compare accidents like Chernobyl and others, because this is not what the INES system is for." Russia also (correctly) pointed out that the accident at Fukushima is still ongoing and it is premature to speculate how much radioactivity will be released, in compassion to other accidents. Seemly, Russia was concerned with Japan's announced that the radioactive releases from Fukushima so far are only 10% of what Chernobyl released.
Russia also asked several questions about Japan's plans for "storing and/or containing" the massive amount of contaminated water that continues to be accumulated on site. DDG reminded member states that storage tanks, trenches and other means of containment are currently being completed on site, in hope that there will be adequate storage capacity to meet this need.

Closing Remarks

DDG Flory closed the meeting by stating that Philippines and the Republic of Korea have also now provided IAEA with monitoring data and/or links to their websites. Although not specifically mentioned by DDG Flory, the USG provided IAEA with monitoring data (from the Environmental Protection Agency) on April 9.
Lastly, DDG Flory stated that the next technical briefing will be conducted on April19.

This email is UNCLASSIFIED.

IAEA Technical Briefing on Fukushima Accident - April 12, 2011

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Questions from Member States

Member States asking questions today included Japan, Singapore, Korea, Russia and France.

Nearly all questions centered on more detail regarding the INES 7 rating. Singapore and Korea in particular wanted to know what member states "should be doing differently in response to the new rating." Despite DDG Flory's best efforts to explain that INES is meant to relay information based on scientific findings, not to describe conditions on the ground or real effects on human health or the environment, the member states continued to probe for what actions they should take in response to this "new" decision. Russia was also vocal in this discussion, stating that it is "not appropriate to compare accidents like Chernobyl and others, because this is not what the INES system is for." Russia also (correctly) pointed out that the accident at Fukushima is still ongoing and it is premature to speculate how much radioactivity will be released, in compassion to other accidents. Seemly, Russia was concerned with Japan's announced that the radioactive releases from Fukushima so far are only 10% of what Chernobyl released.

Russia also asked several questions about Japan's plans for "storing and/or containing" the massive amount of contaminated water that continues to be accumulated on site. DDG reminded member states that storage tanks, trenches and other means of containment are currently being completed on site, in hope that there will be adequate storage capacity to meet this need.

Closing Remarks

DDG Flory closed the meeting by stating that Philippines and the Republic of Korea have also now provided IAEA with monitoring data and/or links to their websites. Although not specifically mentioned by DDG Flory, the USG provided IAEA with monitoring data (from the Environmental Protection Agency) on April 9.

Lastly, DDG Flory stated that the next technical briefing will be conducted on April19.

OIP_ITServices Resource

From: LIA02 Hoc
Sent: Wednesday, April 13, 2011 6:25 AM
To: Bloom, Steven
Subject: FW: Official notice (13/04/2011) Documents of the briefing
Attachments: document1-8.tif; document5(in color).pdf

From: Hinds, Lynda J on behalf of Tokyo Staff Assistant[SMTP:AEX02TX@STATE.GOV]
Sent: Wednesday, April 13, 2011 6:16:55 AM
To: (b)(6)

(b)(6)

Subject: FW: Official notice (13/04/2011) Documents of the briefing
Auto forwarded by a Rule

Lynda Hinds
Staff Assistant
(03) 3224- 5370

AAAA/556

From: PROTOCOLOFFICE-EM [mailto:protocoloffice-em@mofa.go.jp]
Sent: Wednesday, April 13, 2011 7:06 PM
To: PROTOCOLOFFICE-EM
Subject: Official notice (13/04/2011) Documents of the briefing

－U r g e n t－

Official Notice

(13 th April 2011)

To All Missions (Embassies, Consular posts and International Organizations in Japan)

The Ministry of Foreign Affairs has the honour to send for the perusal of Missions documents which were distributed at the briefing on 13th April, 2011 at 16:00 for your reference.

List of attachments

1. List of briefers from Ministries other than the MOFA (13th April)
2. Levels of radioactive contaminants in foods (data reported on 12 April 2011) (Ministry of Health, Labour and Welfare)
3. Press Release (" 'Japan as One' Work Project") (Ministry of Health, Labour and Welfare)
4. Readings of Sea Area Monitoring at Post Out of Fukushima Dai-ichi NPP (April 12, 2011) (Ministry of Education, Culture, Sports, Science and Technology)
5. State of Earthquake Evaluation in Japan (Ministry of Education, Culture, Sports, Science and Technology)
6. Press Releas e (Evaluation of Environmental Radiation Monitoring Results (16:45 on April 12, 2011) (Nuclear Safety Commission, Cabinet Office)
7. Seismic Damage Information (the 90th Release)(Extract) (Nuclear and Industrial Safety Agency)
8. Conditions of Fukushima Dai-ichi Nuclear Power Station Unit1-6 (As of 7:00 April 13th, 2011) (Nuclear and Industrial Safety Agency)

(END)

地震調査研究推進本部
The Headquarters for Earthquake Research Promotion

State of Earthquake Evaluation in Japan

H. HASEGAWA
Secretariat of the HERP
(@ Earthquake & Disaster-Reduction Research Division, the Ministry of Education, culture, sports, science & technology, Japan)

Outline

- Brief introduction of the Headquarters for Earthquake Research Promotion (HERP)
- Concept of long-term possibility
  - Expected EQs around Tokyo
- Strong ground motion prediction
  - Expected strong motion of scenarios
- National seismic hazard maps for Japan
  - Probabilistic Seismic Hazard Maps
- Conclusion

The Headquarters for Earthquake Research Promotion (HERP)

(1) The establishment

> After the lesson of the Great Hanshin-Awaji Earthquake Disaster (on Jan 17 in 1995)

> Act on Special Measures for Earthquake Disaster Countermeasures, July 1995

>A Special Governmental Organization

(2) Basic Objectives and Roles

To promote research into earthquakes with the goal of strengthening disaster prevention measures, particularly for the reduction of damage and casualties from earthquakes.

(Roles)

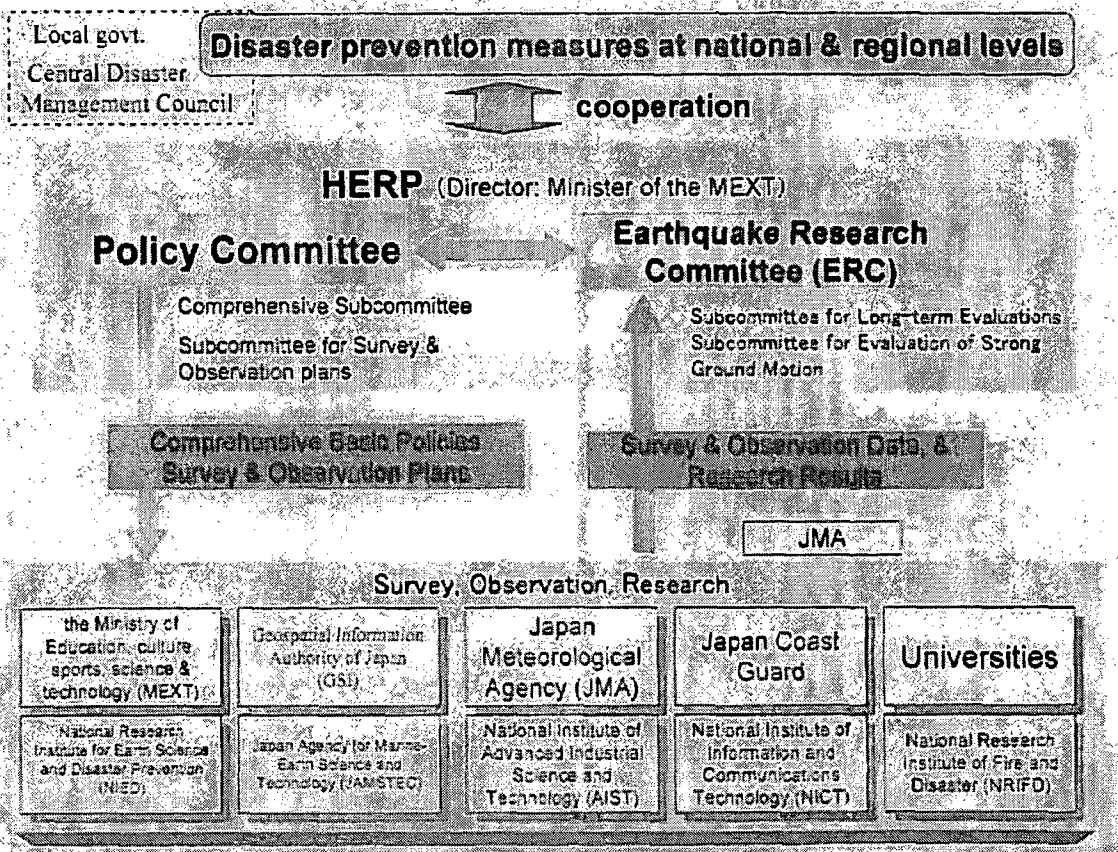
① Plan basic policies

② Establish survey and observation plans

③ Coordinate budgets

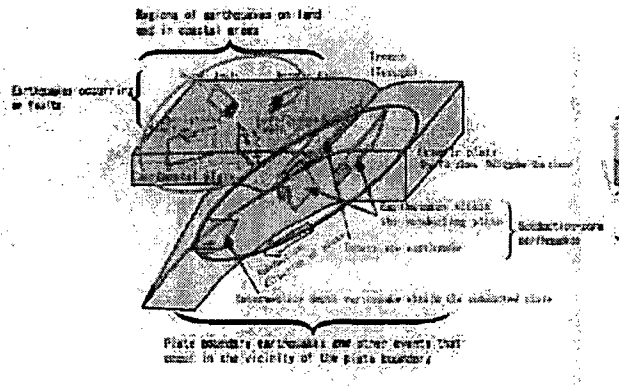
④ Public announcements

⑤ Collection, arrangement, analysis & evaluation of survey results

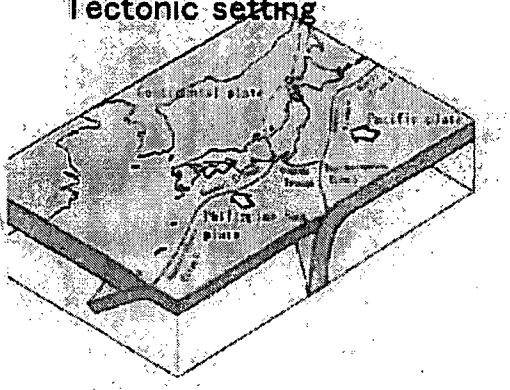


Earthquake Type around Japan

Types of earthquake



Tectonic setting



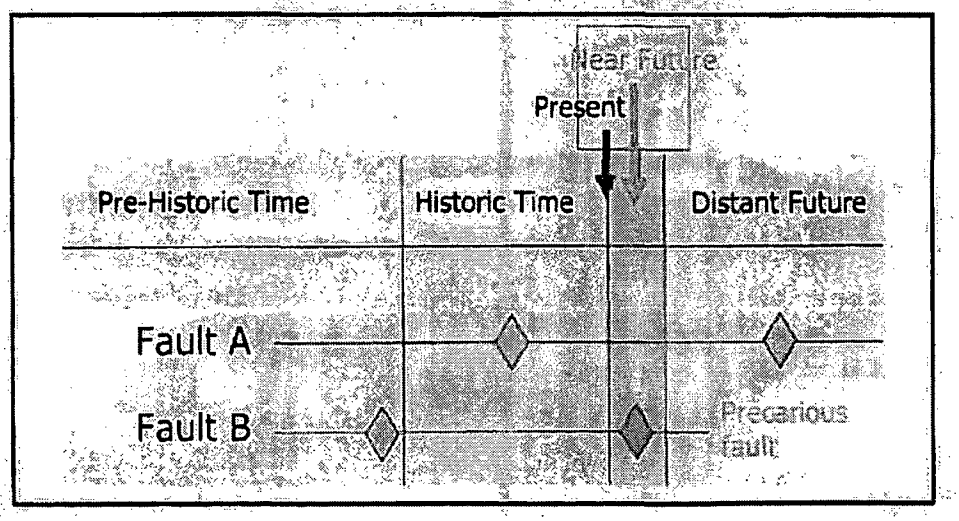
•classified EQ into "interplate & intraplate earthquakes (EQ along subduction zones)" & "shallow crustal earthquakes (EQ on the major active fault zones)."

•one continental plate (include Japan Isles.) & two oceanic plates (Pacific & Philippine Sea). Oceanic plates subduct under the continental plate.

Basic assumptions

•Similar size earthquake regularly takes place at the same identifiable source (ex. the Nankai trough EQs)

•Recurrence time is essential to calculate the probability of occurrence. If last event date is also known, time dependent model is applicable.



Long-term Evaluation of Earthquake Possibility

Purpose:

evaluate those of the characteristic earthquake

1:location **(where)**

2:magnitude **(how large)**

3:long-term possibility of occurrence **(when)**

Target:

1: Earthquakes on the Major active fault zones

178 EQs in 110 zones

2: Earthquakes along the oceanic trenches (Ocean plate boundary)

33 EQs in 7 regions

Evaluation of Active faults (crustal EQs)

Recurrence time of active faults : >1,000 yr

Few observed / historical record available

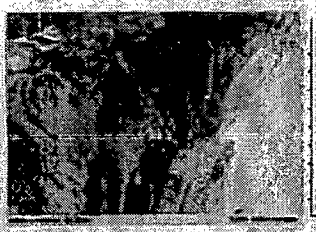
Magnitude: Empirical equation of Matsuda (1975)

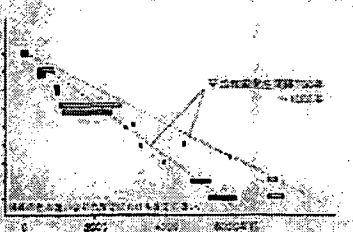
$$\mathrm{Log}\,L = 0.6M - 2.9$$

$$\mathrm{Log}\,D = 0.6M - 4.0$$

L: Length
D: Displacement
M: Magnitude (JMA scale)

Possibility: Calculate from past events (the last event, recurrence time)





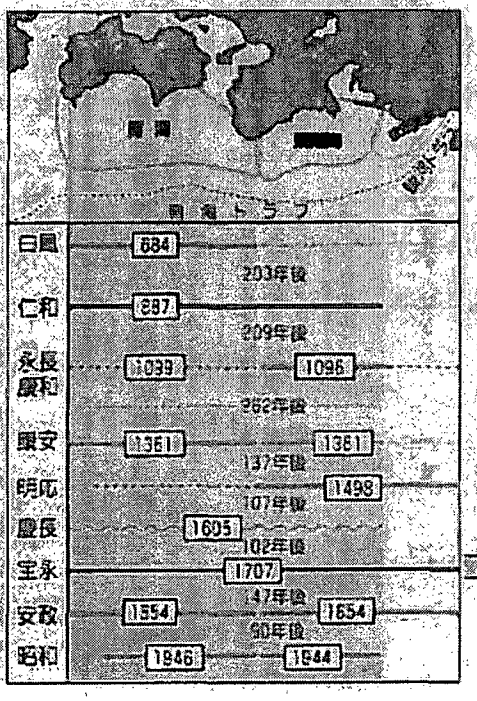
Last event : A.D. 1930

Recurrence time: 1,400-1,500yrs (5 events in 6,200yrs)

Possibility (30yrs): ≒0%

Evaluation of Interplate earthquakes

Nankai Tonankai Tokai



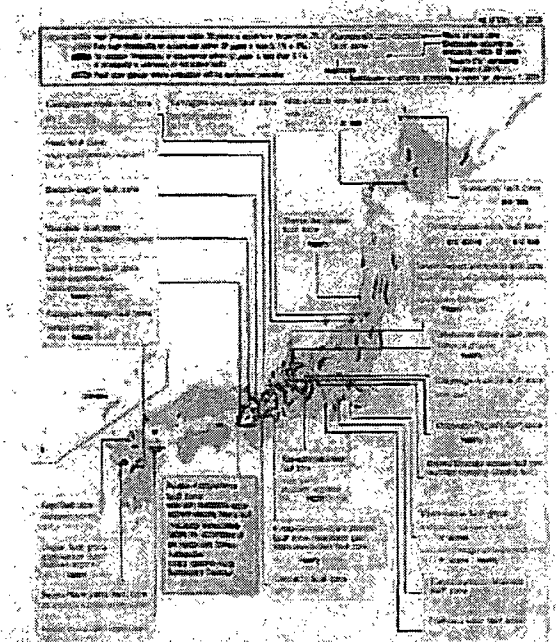
Example: EQs at the Nankai Trough

Use observed records, historical documents, tsunami deposit surveys

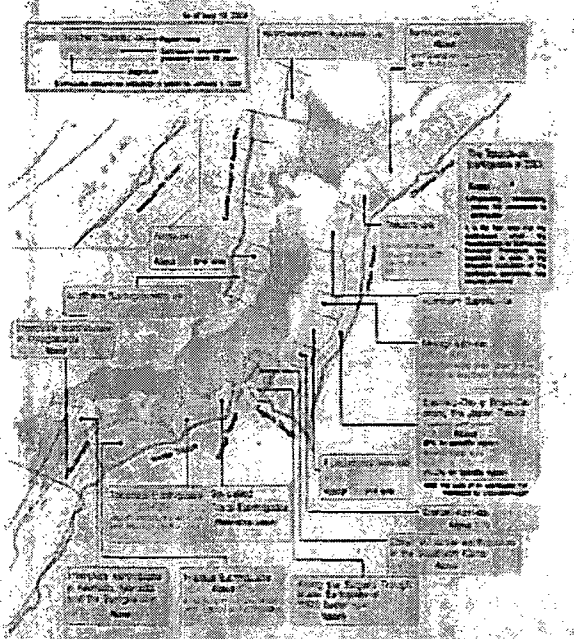
EQ name	Magnitude	Recurrence (yr)	Last event	Possibility (30yrs)
Nankai EQ	M8.4	114.0	1946	60%
Tonankai EQ	M8.1	111.6	1944	70%
Tokai EQ	M8.0	118.8	1854	90%

⇒ Tokai+Tonankai+Nankai(multiple) M8.6

the Estimated Magnitude & Long-term Possibilities

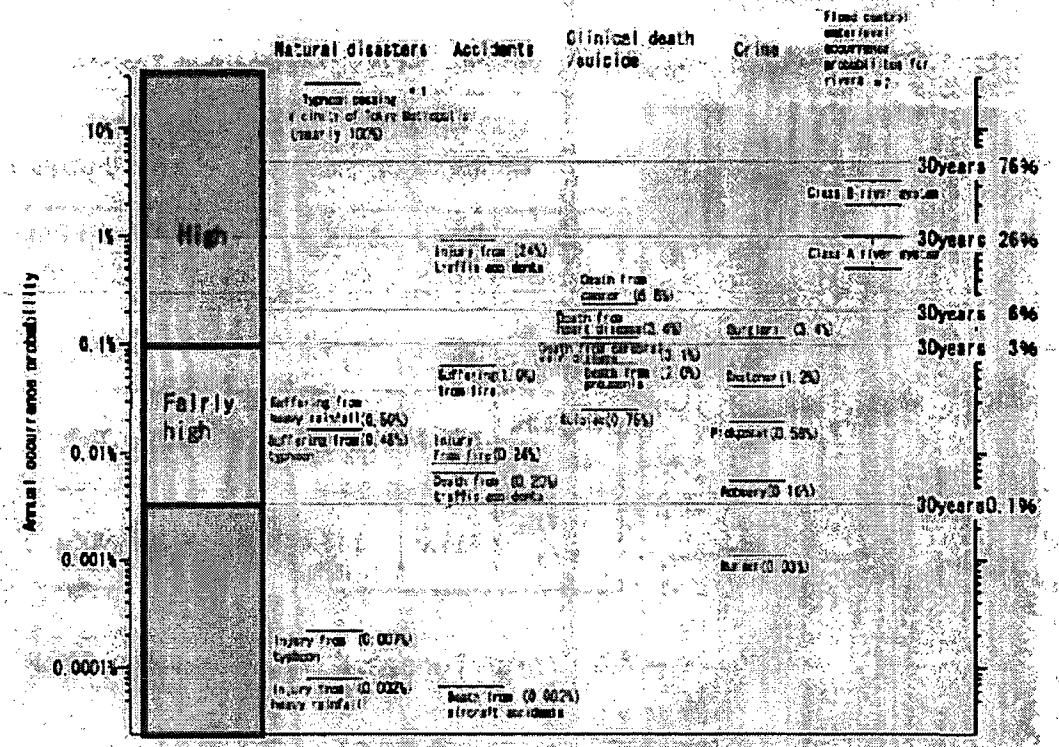


the largest earthquakes (characteristic earthquakes) on the major active fault zones



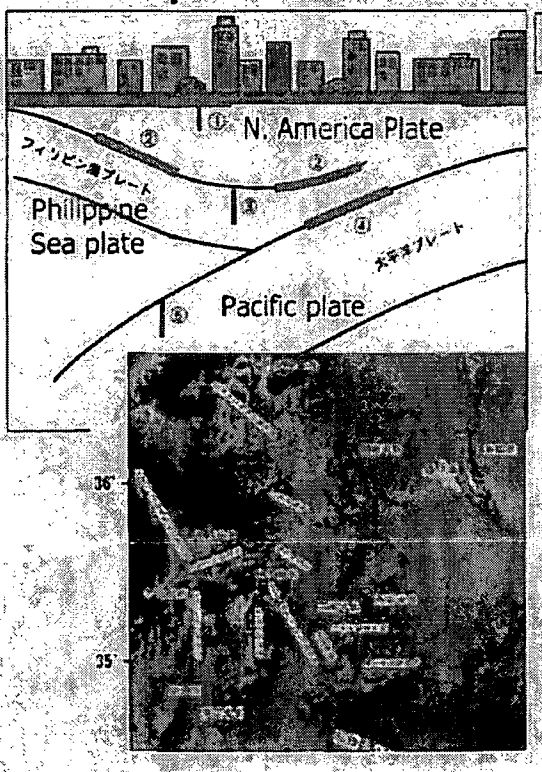
The earthquakes at plate boundary and in the vicinity

Help to understand meaning of probability level



Ref. Fig.1 Comparison of annual occurrence probabilities

Expected EQ around Tokyo(1)



Active Fault EQs(①)

Tachikawa Fault:

- Iruma county (Saitama)～Ome～Tachikawa～Fuchu
- M7.4
- Possibility (30yrs):0.5～2%
- (last event:20,000～13,000ago, recurrence time:10,000～15,000)

NW Kanto Plain Fault (main part):

- Gunma county(Gunma)～Takasaki～Kita-Adachi county(Saitama)
- M8.0
- Possibility (30yrs): ≒0～0.008%
- (last event:6,200～2,500ago, recurrence time:13,000～30,000)

OIP_ITServices Resource

From: LIA02 Hoc
Sent: Wednesday, April 13, 2011 2:41 AM
To: Bloom, Steven
Subject: FW: Radiation data by MEXT
Attachments: (Japanese)20110413_10.pdf; (unofficial)(Japanese)20110413_10with lat_long.pdf; (Japanese)20110413_11.pdf; (Japanese)20110413_12.pdf; (Japanese)20110413_13.pdf; (Japanese)20110413_14.pdf; (Japanese)20110413_15.pdf; (Japanese)20110413_16.pdf; (Japanese)20110413_17.pdf; (Japanese)20110412_12revised.pdf

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From: eda@mext.go.jp[SMTP:EDA@MEXT.GO.JP]
Sent: Wednesday, April 13, 2011 2:39:54 AM
To: (b)(6)

(b)(6)

Subject: Radiation data by MEXT
Auto forwarded by a Rule

Dear Sir,

Please see attached the document.
"(Japanese)20110413_16.pdf" and "(Japanese)20110413_17.pdf" are new data regarding readings of integrated dose by Fukushima Prefecture.

Please let me correct the data regarding readings of radioactivity level in drinking water by prefecture (be collected in April 11, 2011) as follows.

AAAA/557

<Prefecture(City)>

(incorrect) Yamaguchi(Ube City)

(correct) Yamaguchi(Yamaguchi City)

Sincerely yours,
Kei EDA
EOC, Ministry of Education,Culture, Sports, Science & Technology (MEXT),
Japan

プレス発表資料

福島第一原子力発電所の20km以遠のモニタリング結果について

平成23年4月13日 13時00分現在
文　部　科　学　省

○文部科学省が集計した結果

＊1 GM(ガイガーミューラー計数管)における値
＊2 電離箱における値
＊3 NaI(ヨウ化ナトリウム)シンチレータにおける値
＊4 測定時間内における測定値の変動範囲

測定場所 (福島第1発電所からの距離)		測定日時	数値 (マイクロシーベルト／時) (記載のない限り屋外)	天候	実施者
測定エリア【2】	福島市大波滝ノ入 (約55km北西)	4月13日9時56分	2.3 *2	降雨なし	日本原子力研究開発機構
測定エリア【84】	いわき市三和町差塩 (約40km南西)	4月13日10時55分	0.5 *2	降雨なし	日本原子力研究開発機構
測定エリア【85】	福島市荒井原宿 (約60km北西)	4月13日 6時00分	0.3 *2	降雨なし	防衛省
測定エリア【86】	郡山市大槻町長右エ門林 (約55km西)	4月13日 6時00分	1.0 *2	降雨なし	防衛省
測定エリア【87】	双葉郡川内村上川内花ノ内 (約30km西南西)	4月13日 6時00分	1.1 *2	降雨なし	防衛省
測定エリア【101】	伊達市霊山町大石字三ノ輪 (約55km北西)	4月13日10時54分	0.9 *2	降雨なし	日本原子力研究開発機構

プレス発表資料

福島第一原子力発電所の20km以遠のモニタリング結果について

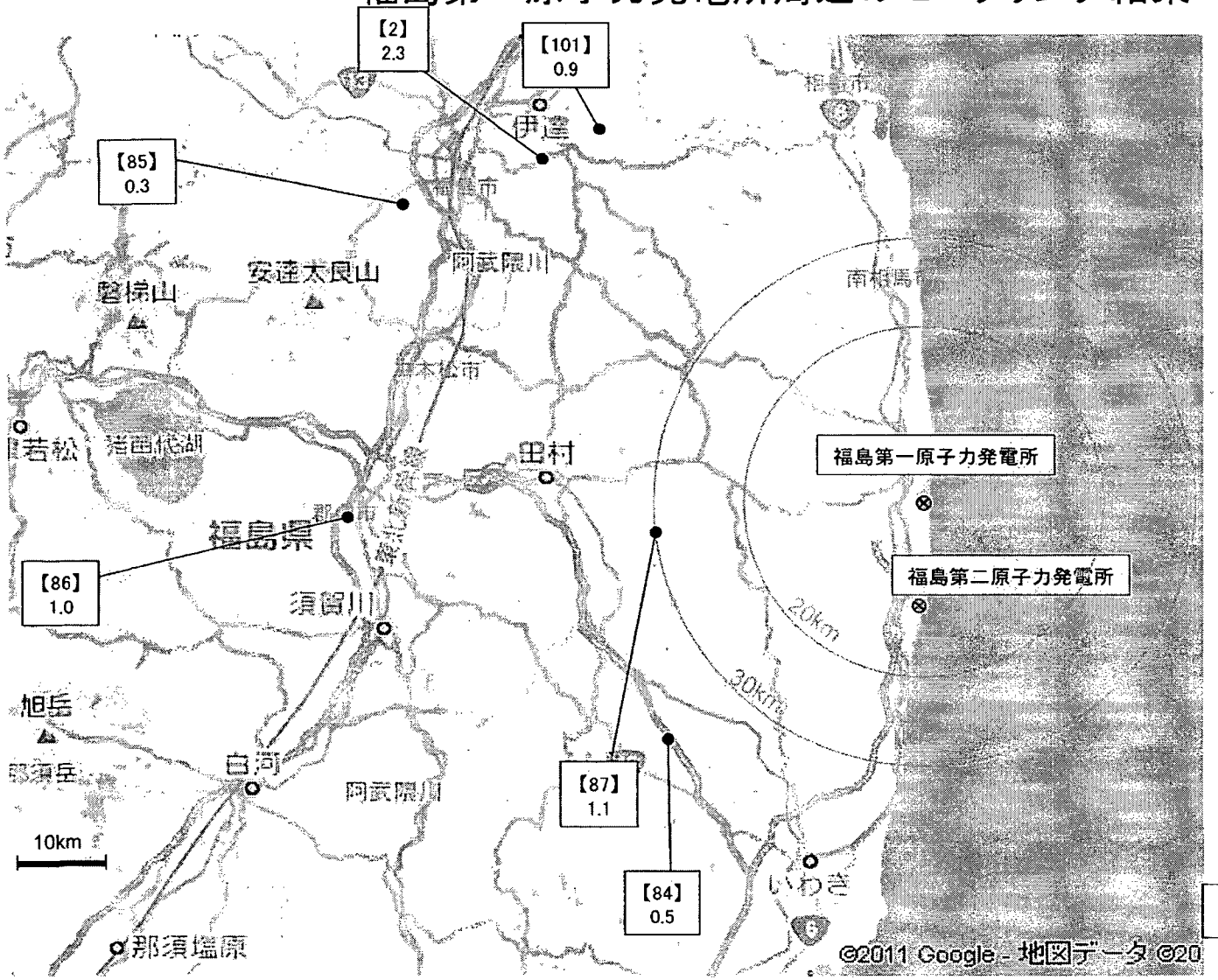
平成23年4月13日 13時00分現在
文　部　科　学　省

○文部科学省が集計した結果

＊1 GM(ガイガーミューラー計数管)における値
＊2 電離箱における値
＊3 NaI(ヨウ化ナトリウム)シンチレータにおける値
＊4 測定時間内における測定値の変動範囲

測定場所（福島第1発電所からの距離）		測定日時	数値（マイクロシーベルト／時）（記載のない限り屋外）	測定位置	測定位置の備考	天候	実施者
測定エリア【2】	福島市大波滝ノ入（約55km北西）	4月13日9時56分	2.3 ＊2	N: 37° 41′ 12.7″ E: 140° 33′ 29.3″	20110330確認	降雨なし	日本原子力研究開発機構
測定エリア【84】	いわき市三和町差塩（約40km南西）	4月13日10時55分	0.5 ＊2	N: 37° 33′ 03.2″ E: 140° 44′ 25.0″	20110330確認	降雨なし	日本原子力研究開発機構
測定エリア【85】	福島市荒井原宿（約60km北西）	4月13日 6時00分	0.3 ＊2	N: 37° 42′ 45.0″ E: 140° 22′ 59.0″	20110330確認	降雨なし	防衛省
測定エリア【86】	郡山市大槻町長右エ門林（約55km西）	4月13日 6時00分	1.0 ＊2	N: 37° 23′ 57.0″ E: 140° 19′ 35.0″	20110330確認	降雨なし	防衛省
測定エリア【87】	双葉郡川内村上川内花ノ内（約30km西南西）	4月13日 6時00分	1.1 ＊2	N: 37° 21′ 42.0″ E: 140° 42′ 54.0″	20110330確認	降雨なし	防衛省
測定エリア【101】	伊達市霊山町大石字三ノ輪（約55km北西）	4月13日10時54分	0.9 ＊2	N: 37° 23′ 48.0″ E: 140° 21′ 50.7″	20110404確認	降雨なし	日本原子力研究開発機構

福島第一原子力発電所周辺のモニタリング結果



測定日時
4月13日
6時00分～11時00分

●測定箇所

単位：マイクロシーベルト毎時

円は範囲の概略を示す

環境放射能水準調査結果

H23.4.13 13:00

（μSv/h(マイクロシーベルト毎時)）

	都道府県名	4月12日															過去の平常値の範囲
		9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	
1	北海道(札幌市)	0.028	0.029	0.028	0.028	0.029	0.028	0.029	0.028	0.029	0.028	0.028	0.029	0.028	0.029	0.029	0.02～0.105
2	青森県(青森市)	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.027	0.026	0.027	0.026	0.017～0.102
3	岩手県(盛岡市)	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.023	0.024	0.024	0.024	0.023	0.024	0.024	0.024	0.014～0.084
4	宮城県(仙台市)	0.079	0.080	0.080	0.081	0.081	0.081	0.080	0.079	0.079	0.078	0.078	0.077	0.077	0.076	0.076	0.0176～0.0513
5	秋田県(秋田市)	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.022～0.086
6	山形県(山形市)	0.053	0.054	0.053	0.053	0.054	0.054	0.053	0.053	0.053	0.054	0.053	0.054	0.054	0.054	0.054	0.025～0.082
7	福島県(福島市)	2.100	2.100	2.100	2.100	2.100	2.100	2.100	2.100	2.100	2.100	2.100	2.100	2.100	2.100	2.100	0.037～0.046
8	茨城県(水戸市)	0.143	0.143	0.143	0.143	0.142	0.143	0.142	0.142	0.142	0.142	0.141	0.141	0.141	0.141	0.141	0.036～0.056
9	栃木県(宇都宮市)	0.070	0.070	0.070	0.070	0.070	0.070	0.071	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.030～0.067
10	群馬県(前橋市)	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.017～0.049
11	埼玉県(さいたま市)	0.061	0.061	0.062	0.061	0.061	0.062	0.061	0.061	0.061	0.061	0.062	0.062	0.061	0.061	0.061	0.031～0.060
12	千葉県(市原市)	0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.055	0.054	0.054	0.054	0.055	0.022～0.044
13	東京都(新宿区)	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.077	0.077	0.077	0.077	0.077	0.077	0.028～0.079
14	神奈川県(茅ヶ崎市)	0.057	0.057	0.057	0.056	0.057	0.057	0.057	0.057	0.057	0.057	0.057	0.057	0.057	0.057	0.057	0.035～0.069
15	新潟県(新潟市)	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.047	0.031～0.153
16	富山県(射水市)	0.047	0.047	0.047	0.047	0.047	0.048	0.047	0.047	0.047	0.047	0.047	0.047	0.048	0.048	0.048	0.029～0.147
17	石川県(金沢市)	0.046	0.046	0.046	0.047	0.047	0.047	0.047	0.047	0.046	0.047	0.047	0.047	0.047	0.047	0.047	0.0291～0.1275
18	福井県(福井市)	0.045	0.044	0.044	0.044	0.044	0.044	0.044	0.045	0.045	0.045	0.045	0.045	0.045	0.046	0.046	0.032～0.097
19	山梨県(甲府市)	0.042	0.042	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.040～0.066
20	長野県(長野市)	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.043	0.042	0.042	0.043	0.043	0.043	0.043	0.043	0.0299～0.0974
21	岐阜県(各務原市)	0.060	0.060	0.060	0.060	0.060	0.060	0.060	0.060	0.060	0.060	0.060	0.060	0.061	0.060	0.061	0.057～0.110
22	静岡県(静岡市)	0.040	0.041	0.042	0.042	0.041	0.041	0.041	0.041	0.040	0.038	0.038	0.038	0.037	0.037	0.038	0.0281～0.0765
23	愛知県(名古屋市)	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.035～0.074
24	三重県(四日市市)	0.046	0.046	0.046	0.046	0.045	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.0416～0.0789
25	滋賀県(大津市)	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.033	0.033	0.034	0.034	0.031～0.061
26	京都府(京都市)	0.038	0.037	0.037	0.037	0.037	0.037	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.033～0.087
27	大阪府(大阪市)	0.043	0.043	0.042	0.043	0.042	0.042	0.042	0.042	0.043	0.042	0.042	0.042	0.042	0.042	0.042	0.042～0.061
28	兵庫県(神戸市)	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.037	0.036	0.037	0.037	0.037	0.037	0.035～0.076
29	奈良県(奈良市)	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.048	0.048	0.048	0.048	0.046～0.080
30	和歌山県(和歌山市)	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.032	0.032	0.032	0.032	0.031～0.056
31	鳥取県(東伯郡)	0.063	0.063	0.062	0.062	0.063	0.063	0.063	0.063	0.062	0.063	0.063	0.063	0.063	0.063	0.063	0.036～0.110
32	島根県(松江市)	0.046	0.046	0.045	0.046	0.045	0.045	0.045	0.045	0.045	0.046	0.046	0.046	0.046	0.046	0.046	0.037～0.131
33	岡山県(岡山市)	0.049	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.049	0.049	0.049	0.049	0.043～0.104
34	広島県(広島市)	0.048	0.047	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.047	0.048	0.048	0.035～0.069
35	山口県(山口市)	0.093	0.092	0.092	0.092	0.092	0.092	0.091	0.091	0.092	0.092	0.092	0.092	0.092	0.092	0.093	0.084～0.128
36	徳島県(徳島市)	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.038	0.038	0.038	0.038	0.037～0.067
37	香川県(高松市)	0.055	0.054	0.053	0.055	0.055	0.055	0.055	0.054	0.060	0.059	0.061	0.062	0.064	0.066	0.068	0.051～0.077
38	愛媛県(松山市)	0.047	0.046	0.047	0.047	0.046	0.046	0.047	0.047	0.046	0.047	0.047	0.048	0.048	0.048	0.049	0.045～0.074
39	高知県(高知市)	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.025	0.025	0.025	0.019～0.054
40	福岡県(太宰府市)	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.034～0.079
41	佐賀県(佐賀市)	0.041	0.040	0.040	0.040	0.039	0.040	0.040	0.039	0.039	0.040	0.039	0.039	0.040	0.040	0.040	0.037～0.086
42	長崎県(大村市)	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.027～0.069
43	熊本県(宇土市)	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.028	0.021～0.067
44	大分県(大分市)	0.049	0.049	0.049	0.049	0.049	0.049	0.049	0.049	0.049	0.049	0.049	0.049	0.049	0.050	0.049	0.048～0.085
45	宮崎県(宮崎市)	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.027	0.027	0.0243～0.0664
46	鹿児島県(鹿児島市)	0.035	0.035	0.035	0.035	0.035	0.035	0.034	0.035	0.034	0.035	0.035	0.035	0.035	0.035	0.035	0.0306～0.0943
47	沖縄県(うるま市)	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.0133～0.0575

*宮城県では、可搬型モニタリングポストによる測定。
また、過去の平常値の範囲については、仙台市に設置していた固定型モニタリングポストの値を記載。
*福島県では、双葉郡のモニタリングポストが避難区域に入っており、測定が困難であるため、代替地として福島市紅葉山局モニタリングポストで測定。
*島根県では、機器点検のため、4月4日17時から代替機器により測定。
*本データは、1μGy/h(マイクログレイ毎時)=1μSv/h(マイクロシーベルト毎時)と換算して算出。
*文部科学省が各都道府県等からの報告に基づき作成。
*過去の平常値の範囲は、震災発生前の観測値における上限値と下限値をしめしたもの。
*群馬県、山梨県、高知県の過去の平常値の範囲の値は4月9日19時発表分より訂正。

環境放射能水準調査結果

H23.4.13 13:00

（μSv/h(マイクロシーベルト毎時)）

	都道府県名	4月13日									
		0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	過去の平常値の範囲
1	北海道(札幌市)	0.029	0.029	0.029	0.028	0.029	0.029	0.029	0.029	0.029	0.02～0.105
2	青森県(青森市)	0.026	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.017～0.102
3	岩手県(盛岡市)	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.014～0.084
4	宮城県(仙台市)	0.075	0.075	0.075	0.075	0.074	0.074	0.075	0.077	0.080	0.0176～0.0513
5	秋田県(秋田市)	0.034	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.034	0.022～0.086
6	山形県(山形市)	0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.053	0.025～0.082
7	福島県(福島市)	2.100	2.100	2.100	2.100	2.100	2.100	2.100	2.100	2.100	0.037～0.046
8	茨城県(水戸市)	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.036～0.056
9	栃木県(宇都宮市)	0.070	0.070	0.070	0.070	0.070	0.071	0.071	0.071	0.070	0.030～0.067
10	群馬県(前橋市)	0.039	0.039	0.040	0.041	0.042	0.042	0.042	0.042	0.041	0.017～0.049
11	埼玉県(さいたま市)	0.062	0.062	0.063	0.062	0.062	0.062	0.062	0.063	0.063	0.031～0.060
12	千葉県(市原市)	0.054	0.054	0.054	0.055	0.055	0.055	0.055	0.055	0.055	0.022～0.044
13	東京都(新宿区)	0.077	0.077	0.077	0.077	0.077	0.078	0.078	0.079	0.079	0.028～0.079
14	神奈川県(茅ヶ崎市)	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.057	0.035～0.069
15	新潟県(新潟市)	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.031～0.153
16	富山県(射水市)	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.029～0.147
17	石川県(金沢市)	0.047	0.046	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.0291～0.1275
18	福井県(福井市)	0.046	0.046	0.046	0.046	0.047	0.047	0.047	0.047	0.046	0.032～0.097
19	山梨県(甲府市)	0.044	0.044	0.044	0.044	0.044	0.044	0.045	0.045	0.044	0.040～0.066
20	長野県(長野市)	0.043	0.043	0.044	0.044	0.044	0.044	0.044	0.044	0.045	0.0299～0.0974
21	岐阜県(各務原市)	0.061	0.061	0.062	0.062	0.062	0.063	0.063	0.063	0.063	0.057～0.110
22	静岡県(静岡市)	0.038	0.038	0.038	0.037	0.037	0.037	0.037	0.038	0.039	0.0281～0.0765
23	愛知県(名古屋市)	0.040	0.040	0.040	0.041	0.041	0.042	0.042	0.042	0.042	0.035～0.074
24	三重県(四日市市)	0.046	0.046	0.046	0.046	0.046	0.046	0.047	0.047	0.047	0.0416～0.0789
25	滋賀県(大津市)	0.035	0.036	0.036	0.037	0.037	0.037	0.037	0.036	0.036	0.031～0.061
26	京都府(京都市)	0.039	0.039	0.040	0.040	0.040	0.041	0.041	0.041	0.040	0.033～0.087
27	大阪府(大阪市)	0.043	0.043	0.043	0.043	0.043	0.044	0.044	0.043	0.043	0.042～0.061
28	兵庫県(神戸市)	0.037	0.037	0.037	0.037	0.038	0.037	0.038	0.038	0.037	0.035～0.076
29	奈良県(奈良市)	0.048	0.049	0.048	0.049	0.049	0.050	0.049	0.049	0.048	0.046～0.080
30	和歌山県(和歌山市)	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.031～0.056
31	鳥取県(東伯郡)	0.064	0.064	0.064	0.063	0.064	0.064	0.064	0.064	0.064	0.036～0.110
32	島根県(松江市)	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.037～0.131
33	岡山県(岡山市)	0.050	0.050	0.051	0.051	0.052	0.052	0.052	0.052	0.051	0.043～0.104
34	広島県(広島市)	0.049	0.050	0.050	0.050	0.051	0.051	0.052	0.051	0.049	0.035～0.069
35	山口県(山口市)	0.093	0.094	0.094	0.095	0.095	0.095	0.096	0.097	0.095	0.084～0.128
36	徳島県(徳島市)	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.037～0.067
37	香川県(高松市)	0.070	0.068	0.064	0.065	0.067	0.066	0.063	0.056	0.056	0.051～0.077
38	愛媛県(松山市)	0.049	0.049	0.049	0.049	0.050	0.050	0.050	0.049	0.048	0.045～0.074
39	高知県(高知市)	0.026	0.026	0.026	0.027	0.027	0.027	0.027	0.027	0.027	0.019～0.054
40	福岡県(太宰府市)	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.038	0.037	0.034～0.079
41	佐賀県(佐賀市)	0.040	0.040	0.040	0.040	0.040	0.040	0.041	0.041	0.041	0.037～0.086
42	長崎県(大村市)	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.028	0.027～0.069
43	熊本県(宇土市)	0.028	0.027	0.028	0.027	0.028	0.028	0.029	0.029	0.028	0.021～0.067
44	大分県(大分市)	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.051	0.052	0.048～0.085
45	宮崎県(宮崎市)	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.026	0.0243～0.0664
46	鹿児島県(鹿児島市)	0.035	0.035	0.036	0.036	0.036	0.036	0.036	0.036	0.035	0.0306～0.0943
47	沖縄県(うるま市)	0.021	0.021	0.021	0.021	0.022	0.021	0.022	0.022	0.021	0.0133～0.0575

*宮城県では、可搬型モニタリングポストによる測定。
また、過去の平常値の範囲については、仙台市に設置していた固定型モニタリングポストの値を記載。
*福島県では、双葉郡のモニタリングポストが避難区域に入っており、測定が困難であるため、代替地として福島市紅葉山局モニタリングポストで測定。
*島根県では、機器点検のため、4月4日17時から代替機器により測定。
*本データは、1μGy/h(マイクログレイ毎時)=1μSv/h(マイクロシーベルト毎時)と換算して算出。
*文部科学省が各都道府県等からの報告に基づき作成。
*過去の平常値の範囲は、震災発生前の観測値における上限値と下限値をしめしたもの。
*群馬県、山梨県、高知県の過去の平常値の範囲の値は4月9日19時発表分より訂正。

茨城県におけるモニタリング状況(1／1)

文部科学省

H23.4.13 13:00

μSv/h(マイクロシーベルト毎時)

日時	日本原子力研究開発機構 原子力科学研究所 (茨城県東海村)	日本原子力研究開発機構 核燃料サイクル工学研究所 (茨城県東海村)	東京大学弥生 (茨城県東海村)
4月12日			
0:00	1.09	0.59	0.92
1:00	1.08	0.59	0.92
2:00	1.08	0.59	0.92
3:00	1.08	0.58	0.92
4:00	1.08	0.58	0.92
5:00	1.08	0.59	0.92
6:00	1.08	0.58	0.92
7:00	1.08	0.58	0.91
8:00	1.08	0.58	0.92
9:00	1.07	0.58	0.88
10:00	1.07	0.58	0.93
11:00	1.07	0.58	0.91
12:00	1.07	0.58	0.93
13:00	1.07	0.58	0.97
14:00	1.07	0.58	0.90
15:00	1.07	0.58	0.93
16:00	1.07	0.58	1.06
17:00	1.07	0.58	0.90
18:00	1.07	0.58	0.95
19:00	1.07	0.57	0.95
20:00	1.07	0.58	0.95
21:00	1.07	0.58	0.81
22:00	1.07	0.58	0.81
23:00	1.07	0.58	0.94
4月13日			
0:00	1.07	0.57	0.91
1:00	1.07	0.58	0.93
2:00	1.07	0.58	0.85
3:00	1.07	0.57	0.90
4:00	1.07	0.58	0.90
5:00	1.07	0.58	0.91
6:00	1.07	0.57	0.94
7:00	1.07	0.57	0.93
8:00	1.07	0.57	0.91
9:00	1.06	0.57	0.95
10:00	1.06	0.57	
11:00	1.06	0.57	
12:00	1.05	0.57	

※このデータは、表記の3カ所における空間線量率を1時間毎に計測したもの。日本原子力研究開発機構原子力科学研究所及び日本原子力研究開発機構核燃料サイクル工学研究所のデータは、それぞれ以下のホームページでも掲載されている。

日本原子力研究開発機構原子力科学研究所
http://erms.jaea.go.jp/Chart.htm
日本原子力研究開発機構核燃料サイクル工学研究所
http://www.jaea.go.jp/04/ztokai/kankyo/realtime/tbl_10mStPo01.html

環境放射能水準調査結果(上水(蛇口))
(4月12日採取)

H23.4.13 13:00 (Bq/kg)

	都道府県名	上水(蛇口)		
		放射性ヨウ素 I−131	放射性セシウム (Cs−134,Cs−137)	備考
1	北海道(札幌市)	不検出	不検出	
2	青森県(青森市)	不検出	不検出	
3	岩手県(盛岡市)	不検出	不検出	
4	宮城県	-	-	県が独自に調査・公表している(宮城県原子力安全対策室HPの「水道水及び農畜産物の放射能測定結果」を参照:http://www.pref.miyagi.jp/gentai/Press/PressH230315.html)
5	秋田県(秋田市)	不検出	不検出	
6	山形県(山形市)	不検出	不検出	
7	福島県	-	-	県が独自に調査・公表している(福島県災害対策本部HPの「原子力災害情報(県内各地方環境放射能測定値(飲料水)について」を参照:http://www.pref.fukushima.jp/j/index.htm)
8	茨城県(ひたちなか市)	1.2 (指標を超えていない)	不検出	
9	栃木県(宇都宮市)	2.6 (指標を超えていない)	不検出	
10	群馬県(前橋市)	0.67 (指標を超えていない)	0.14 (指標を超えていない)	
11	埼玉県(さいたま市)	0.35 (指標を超えていない)	0.38 (指標を超えていない)	
12	千葉県(市原市)	不検出	0.18 (指標を超えていない)	
13	東京都(新宿区)	0.57 (指標を超えていない)	不検出	
14	神奈川県(茅ヶ崎市)	0.52 (指標を超えていない)	不検出	
15	新潟県(新潟市)	0.21 (指標を超えていない)	不検出	
16	富山県(射水市)	不検出	不検出	
17	石川県(金沢市)	不検出	不検出	
18	福井県(福井市)	不検出	不検出	
19	山梨県(甲府市)	不検出	不検出	
20	長野県(長野市)	不検出	不検出	
21	岐阜県(各務原市)	不検出	不検出	
22	静岡県(静岡市)	不検出	不検出	
23	愛知県(名古屋市)	不検出	不検出	
24	三重県(四日市市)	不検出	不検出	
25	滋賀県(大津市)	不検出	不検出	
26	京都府(京都市)	不検出	不検出	
27	大阪府(大阪市)	不検出	不検出	
28	兵庫県(神戸市)	不検出	不検出	
29	奈良県(奈良市)	不検出	不検出	
30	和歌山県(和歌山市)	不検出	不検出	
31	鳥取県(東伯郡)	不検出	不検出	
32	島根県(松江市)	不検出	不検出	
33	岡山県(岡山市)	不検出	不検出	
34	広島県(広島市)	不検出	不検出	
35	山口県(山口市)	-	-	機器調整中
36	徳島県(徳島市)	不検出	不検出	
37	香川県(高松市)	不検出	不検出	
38	愛媛県(八幡浜市)	不検出	不検出	
39	高知県(高知市)	不検出	不検出	
40	福岡県(太宰府市)	不検出	不検出	
41	佐賀県(佐賀市)	不検出	不検出	
42	長崎県(大村市)	不検出	不検出	
43	熊本県(宇土市)	不検出	不検出	
44	大分県(大分市)	不検出	不検出	
45	宮崎県(宮崎市)	不検出	不検出	
46	鹿児島県(鹿児島市)	不検出	不検出	
47	沖縄県(那覇市)	不検出	不検出	

*本データは、1Bq/Lを1Bq/kgとみなす
*文部科学省が各都道府県等からの報告に基づき作成
*「原子力施設等の防災対策について(原子力安全委員会)」飲食物の摂取制限に関する指標 (飲料水)
放射性ヨウ素−131:300Bq/kg以上、放射性セシウム:200Bq/kg以上

福島県内空間積算線量測定結果について（第１報）

平成23年4月12日14時00分現在
原子力災害現地対策本部

＊１　簡易型線量計(ポケット線量計)における値

場所（福島第１発電所からの距離）		設置日時	前回取得日時等（x）	前回取得時数値（a）（マイクロシーベルト）	データ採取日時（y）	積算数値（b）（マイクロシーベルト）	経過時間（ｚ＝ｙ－ｘ）	積算数値増加量（ｃ＝ｂ－ａ）（マイクロシーベルト） 経過時間内の線量率平均値（c/z）
県北保健福祉事務所	【県1】（約61km北西）							
伊達市役所	【県2】（約62km西北西）							
本宮市役所	【県3】（約57km西）							
福島北警察署桑折分庁舎	【県4】（約62km北西）							
国見町役場	【県5】（約61km北西）							
大玉村役場	【県6】（約60km西北西）							
二本松市役所	【県7】（約56km西北西）	3月30日10時27分	3月30日10時27分	0 ＊1	4月11日10時07分	693 ＊1	287時間40分	693 (2.4 μSv/時)
川俣町役場	【県8】（約47km西北西）	3月30日11時10分	3月30日11時10分	0 ＊1	4月11日10時43分	398 ＊1	287時間33分	398 (1.4 μSv/時)
福島市飯野支所	【県9】（約51km北西）	3月30日10時32分	3月30日10時32分	0 ＊1	4月11日17時33分	436 ＊1	295時間01分	436 (1.5 μSv/時)
郡山合同庁舎	【県10】（約58km西）	4月10日10時00分	4月10日10時00分	0 ＊1	4月11日10時00分	33 ＊1	24時間00分	33 (1.4 μSv/時)
須賀川市役所	【県11】（約60km西南西）	4月10日10時20分	4月10日10時20分	0 ＊1	4月11日10時00分	13 ＊1	23時間40分	13 (0.5 μSv/時)
鏡石町役場	【県12】（約64km西南西）	4月10日11時00分	4月10日11時00分	0 ＊1	4月11日10時00分	10 ＊1	23時間00分	10 (0.4 μSv/時)
天栄村役場	【県13】（約72km西南西）	4月10日11時54分	4月10日11時54分	0 ＊1	4月11日10時00分	29 ＊1	22時間06分	29 (1.3 μSv/時)
石川町役場	【県14】（約60km西南西）	測定器調整中						
玉川村役場	【県15】（約60km西南西）	4月10日14時10分	4月10日14時10分	0 ＊1	4月11日10時00分	14 ＊1	19時間50分	14 (0.7 μSv/時)
浅川町役場	【県16】（約67km南西）	4月10日15時30分	4月10日15時30分	0 ＊1	4月11日10時00分	5 ＊1	18時間30分	5 (0.3 μSv/時)

＊1 簡易型線量計(ポケット線量計)における値

場所(福島第1発電所からの距離)		設置日時	前回取得日時等(x)	前回取得時数値(a)(マイクロシーベルト)	データ採取日時(y)	積算数値(b)(マイクロシーベルト)	経過時間(z=y−x)	積算数値増加量(c=b−a)(マイクロシーベルト) 経過時間内の線量率平均値(c/z)
古殿町役場	【県17】(約56km南西)	4月6日16時01分	4月6日16時01分	0 ＊1	4月11日10時00分	90 ＊1	113時間59分	90 (0.8 μSv/時)
田村市都路行政局	【県18】(約21km西)	3月30日13時00分	3月30日13時00分	0 ＊1	4月11日15時42分	229 ＊1	290時間42分	229 (0.8 μSv/時)
岩井沢小学校	【県19】(約27km西)	3月30日13時20分	3月30日13時20分	0 ＊1	4月11日15時54分	480 ＊1	290時間34分	480 (1.7 μSv/時)
常葉行政局	【県20】(約35km西)	3月30日14時20分	3月30日14時20分	0 ＊1	4月11日16時13分	167 ＊1	289時間53分	167 (0.6 μSv/時)
田村市役所	【県21】(約41km西)	3月30日12時05分	3月30日12時05分	0 ＊1	4月11日11時06分	137 ＊1	287時間01分	137 (0.5 μSv/時)
三春町役場	【県22】(約48km西)	3月30日15時00分	3月30日15時00分	0 ＊1	4月11日18時52分	393 ＊1	291時間52分	393 (1.3 μSv/時)
環境センター	【県23】(約60km西)	3月30日16時08分	3月30日16時08分	0 ＊1	4月12日10時10分	425 ＊1	306時間02分	425 (1.4 μSv/時)
小野町役場	【県24】(約39km西南西)	3月30日10時56分	3月30日10時56分	0 ＊1	4月11日10時41分	61 ＊1	287時間45分	61 (0.2 μSv/時)
平田村役場	【県25】(約47km西南西)	4月1日17時40分	4月1日17時40分	0 ＊1	4月11日15時57分	100 ＊1	238時間17分	100 (0.4 μSv/時)
白河合同庁舎	【県26】(約81km南西)	4月8日18時00分	4月8日18時00分	0 ＊1	4月11日10時00分	24 ＊1	64時間00分	24 (0.4 μSv/時)
西郷村役場	【県27】(約84km西南西)	4月7日15時30分	4月7日15時30分	0 ＊1	4月11日10時00分	62 ＊1	90時間30分	62 (0.7 μSv/時)
泉崎村役場	【県28】(約72km西南西)	4月7日17時40分	4月7日17時40分	0 ＊1	4月11日10時00分	44 ＊1	88時間20分	44 (0.5 μSv/時)
中島村役場	【県29】(約68km西南西)	4月7日17時10分	4月7日17時10分	0 ＊1	4月11日10時00分	16 ＊1	88時間50分	16 (0.2 μSv/時)
矢吹町役場	【県30】(約66km西南西)	4月7日16時40分	4月7日16時40分	0 ＊1	4月11日10時00分	44 ＊1	89時間20分	44 (0.5 μSv/時)
棚倉町役場	【県31】(約73km西南西)	4月8日16時45分	4月8日16時45分	0 ＊1	4月11日10時00分	22 ＊1	65時間15分	22 (0.3 μSv/時)
矢祭町役場	【県32】(約82km南西)	4月8日15時40分	4月8日15時40分	0 ＊1	4月11日10時00分	11 ＊1	66時間20分	11 (0.2 μSv/時)
塙町役場	【県33】(約76km南西)	4月8日16時10分	4月8日16時10分	0 ＊1	4月11日10時00分	22 ＊1	65時間50分	22 (0.3 μSv/時)
鮫川村役場	【県34】(約63km南西)	4月8日14時05分	4月8日14時05分	0 ＊1	4月11日10時00分	12 ＊1	67時間55分	12 (0.2 μSv/時)
会津若松合同庁舎	【県35】(約97km西)							
喜多方市役所	【県36】(約105km西北西)							
北塩原村役場	【県37】(約100km西北西)							
野沢小学校(西会津町)	【県38】(約124km西)							
磐梯町役場	【県39】(約94km西)							

＊1　簡易型線量計(ポケット線量計)における値

場所（福島第１発電所からの距離）		設置日時	前回取得日時等（x）	前回取得時数値（a）（マイクロシーベルト）	データ採取日時（y）	積算数値（b）（マイクロシーベルト）	経過時間（ｚ＝ｙ－ｘ）	積算数値増加量（ｃ＝ｂ－ａ）（マイクロシーベルト） 経過時間内の線量率平均値（c/z）
猪苗代町役場	【県40】（約83km西）							
会津坂下町役場	【県41】（約108km西）							
湯川村公民館	【県42】（約103km西）							
柳津町役場	【県43】（約117km西）							
三島町役場	【県44】（約123km西）							
金山町役場	【県45】（約133km西）							
昭和村役場	【県46】（約126km西）							
会津美里町役場高田支所	【県47】（約105km西）							
南会津合同庁舎	【県48】（約115km西南西）	4月8日9時38分	4月8日9時38分	0 ＊1	4月11日10時00分	9 ＊1	72時間22分	9 (0.1 μSv/時)
下郷町役場	【県49】（約104km西）	測定器調整中						
相馬市役所	【県50】（約43km北北西）	3月29日13時38分	3月29日13時38分	0 ＊1	4月11日11時21分	283 ＊1	309時間43分	283 (0.9 μSv/時)
新地町役場	【県51】（約52km北北西）	3月29日14時40分	3月29日14時40分	0 ＊1	4月11日11時51分	323 ＊1	309時間11分	323 (1.0 μSv/時)
南相馬市鹿島庁舎	【県52】（約32km北）	3月29日15時40分	3月29日15時40分	0 ＊1	4月11日12時25分	353 ＊1	308時間45分	353 (1.1 μSv/時)
馬事公苑	【県53】（約20km北西）	3月29日16時50分	3月29日16時50分	0 ＊1	4月11日13時08分	829 ＊1	308時間18分	829 (2.7 μSv/時)
石神中学校（南相馬市）	【県54】（約25km北北西）	3月29日17時12分	3月29日17時12分	0 ＊1	4月11日13時21分	622 ＊1	308時間09分	622 (2.0 μSv/時)
津島小学校（浪江町）	【県55】（約29km北西）	3月30日11時40分	3月30日11時40分	0 ＊1	4月11日14時50分	4663 ＊1	291時間10分	4663 (16.0 μSv/時)
JR磐城太田駅	【県56】（約21km北）	3月29日16時22分	3月29日16時22分	0 ＊1	4月11日12時53分	268 ＊1	308時間31分	268 (0.9 μSv/時)
南相馬合同庁舎	【県57】（約24km北）	3月30日15時10分	3月30日15時10分	0 ＊1	4月10日13時00分	224 ＊1	261時間50分	224 (0.9 μSv/時)
飯舘村役場	【県58】（約39km北西）	3月30日13時20分	3月30日13時20分	0 ＊1	4月11日12時50分	1410 ＊1	287時間30分	1410 (4.9 μSv/時)
山木屋郵便局	【県59】（約38km北西）	3月30日13時54分	3月30日13時54分	0 ＊1	4月11日12時36分	903 ＊1	286時間42分	903 (3.1 μSv/時)
葛尾村役場	【県60】（約25km西）	3月30日12時20分	3月30日12時20分	0 ＊1	4月11日15時17分	626 ＊1	290時間57分	626 (2.2 μSv/時)
二つ沼公園	【県61】（約24km南）	4月1日15時30分	4月1日15時30分	0 ＊1	4月11日13時59分	308 ＊1	238時間29分	308 (1.3 μSv/時)
いわき合同庁舎	【県62】（約43km南南西）	3月30日12時26分	3月30日12時26分	0 ＊1	4月11日10時00分	230 ＊1	285時間34分	230 (0.8 μSv/時)

＊１　簡易型線量計(ポケット線量計)における値

場所(福島第１発電所からの距離)		設置日時	前回取得日時等 (x)	前回取得時数値(a) (マイクロシーベルト)	データ採取日時 (y)	積算数値(b) (マイクロシーベルト)	経過時間 (z＝y－x)	積算数値増加量 (c＝b－a) (マイクロシーベルト) 経過時間内の線量率平均値(c/z)
いわき市勿来支所	【県63】(約61km南南西)	4月1日12時35分	4月1日12時35分	0 ＊1	4月11日11時45分	67 ＊1	239時間10分	67 (0.3 μSv/時)
JR川前駅	【県64】(約35km南西)	4月1日16時50分	4月1日16時50分	0 ＊1	4月11日15時24分	108 ＊1	238時間34分	108 (0.5 μSv/時)
湯本高校	【県65】(約51km南)	4月1日14時10分	4月1日14時10分	0 ＊1	4月11日12時41分	147 ＊1	238時間31分	147 (0.6 μSv/時)
海竜の里センター	【県66】(約28km南)	4月1日15時10分	4月1日15時10分	0 ＊1	4月11日13時42分	277 ＊1	238時間32分	277 (1.2 μSv/時)

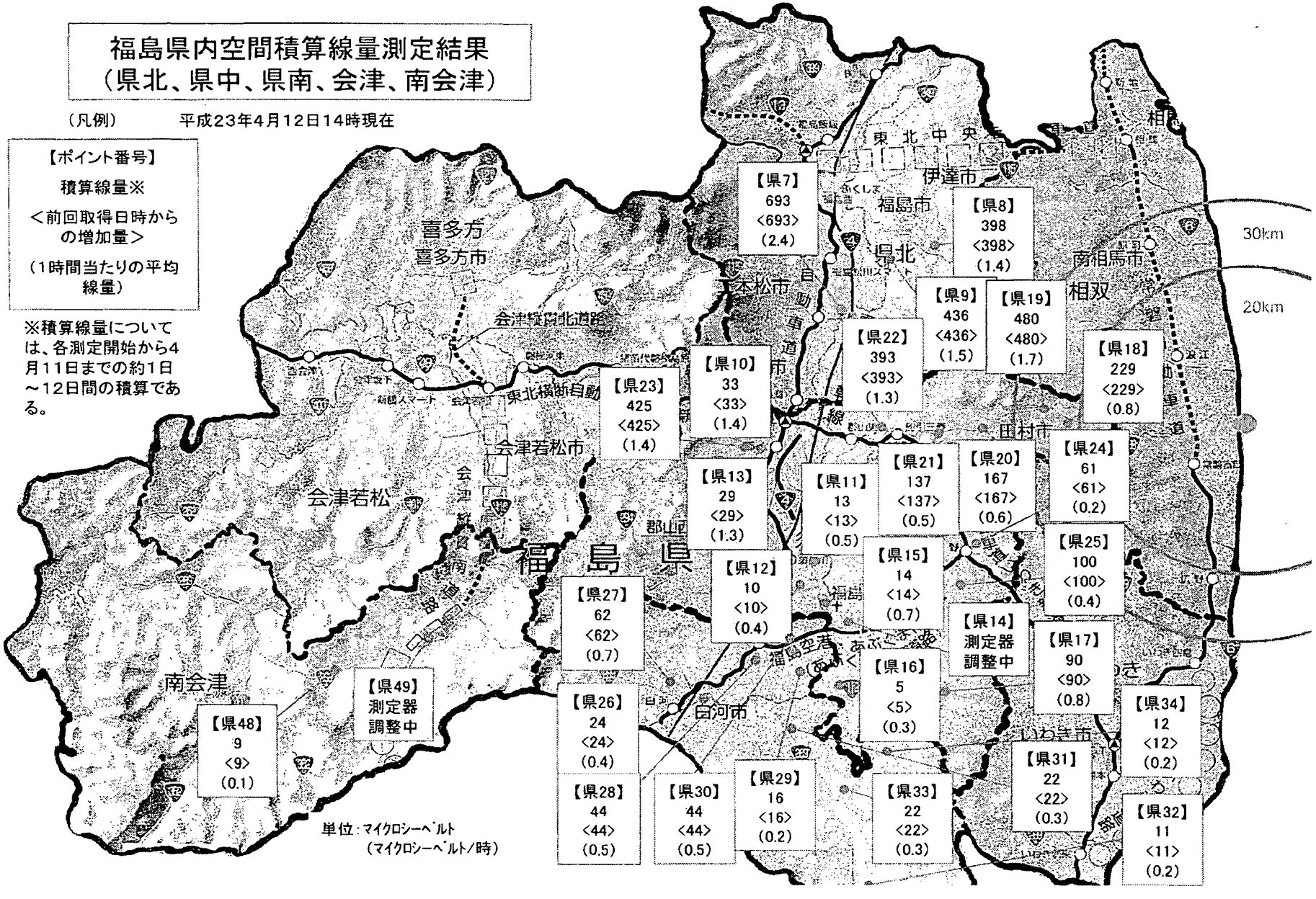
注)
・測定者:福島県(緊急時モニタリング班)
・前回取得時数値が0.0と表示のものは新規に設置した箇所を示す。
・数値が空欄となっている地点は、線量計が設置され次第、測定を開始する(平成23年4月11日現在、66地点中47地点設置済)。

福島県内空間積算線量測定結果
（県北、県中、県南、会津、南会津）

（凡例）　　平成23年4月12日14時現在

【ポイント番号】
積算線量※
＜前回取得日時からの増加量＞
（1時間当たりの平均線量）

※積算線量については、各測定開始から4月11日までの約1日～12日間の積算である。



単位：マイクロシーベルト
（マイクロシーベルト/時）

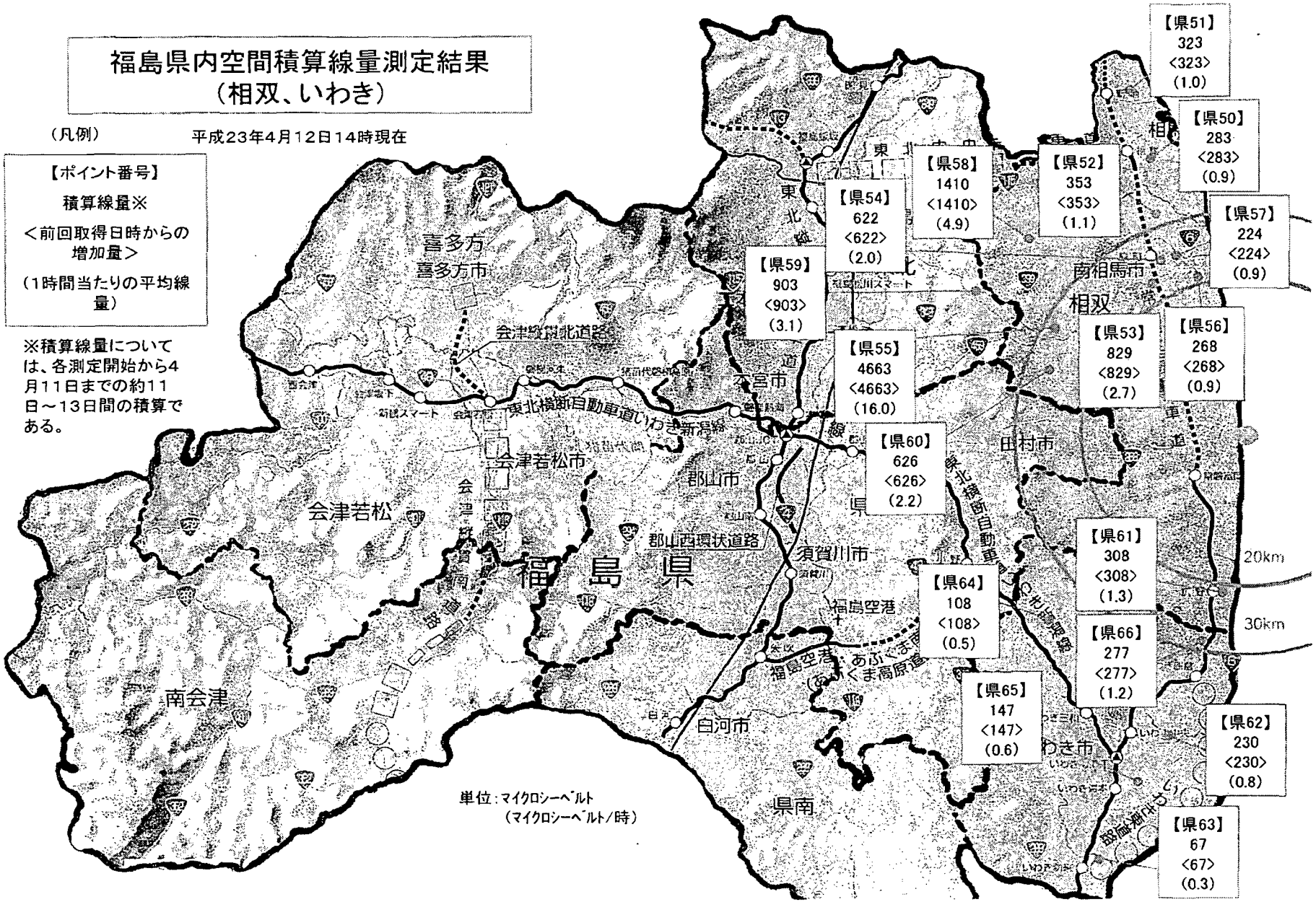
福島県内空間積算線量測定結果
（相双、いわき）

（凡例）

【ポイント番号】
積算線量※
＜前回取得日時からの増加量＞
（1時間当たりの平均線量）

※積算線量については、各測定開始から4月11日までの約11日～13日間の積算である。

平成23年4月12日14時現在



環境放射能水準調査結果(上水(蛇口))
(4月11日採取)

H23.4.12 13:00 (Bq/kg)

	都道府県名	上水(蛇口)		
		放射性ヨウ素 I−131	放射性セシウム (Cs−134,Cs−137)	備考
1	北海道(札幌市)	不検出	不検出	
2	青森県(青森市)	不検出	不検出	
3	岩手県(盛岡市)	不検出	不検出	
4	宮城県	-	-	県が独自に調査・公表している(宮城県原子力安全対策室HPの「水道水及び農畜産物の放射能測定結果」を参照: http://www.pref.miyagi.jp/gentai/Press/PressH230315.html)
5	秋田県(秋田市)	不検出	不検出	
6	山形県(山形市)	不検出	不検出	
7	福島県	-	-	県が独自に調査・公表している(福島県災害対策本部HPの「原子力災害情報(県内各地方環境放射能測定値(飲料水)について」を参照: http://www.pref.fukushima.jp/j/index.htm)
8	茨城県(ひたちなか市)	0.91 (指標を超えていない)	不検出	
9	栃木県(宇都宮市)	3.7 (指標を超えていない)	不検出	
10	群馬県(前橋市)	0.70 (指標を超えていない)	0.35 (指標を超えていない)	
11	埼玉県(さいたま市)	0.41 (指標を超えていない)	0.2 (指標を超えていない)	
12	千葉県(市原市)	不検出	不検出	
13	東京都(新宿区)	0.60 (指標を超えていない)	0.27 (指標を超えていない)	
14	神奈川県(茅ヶ崎市)	不検出	不検出	
15	新潟県(新潟市)	0.31 (指標を超えていない)	不検出	
16	富山県(射水市)	不検出	不検出	
17	石川県(金沢市)	不検出	不検出	
18	福井県(福井市)	不検出	不検出	
19	山梨県(甲府市)	不検出	不検出	
20	長野県(長野市)	不検出	不検出	
21	岐阜県(各務原市)	不検出	不検出	
22	静岡県(静岡市)	不検出	不検出	
23	愛知県(名古屋市)	不検出	不検出	
24	三重県(四日市市)	不検出	不検出	
25	滋賀県(大津市)	不検出	不検出	
26	京都府(京都市)	不検出	不検出	
27	大阪府(大阪市)	不検出	不検出	
28	兵庫県(神戸市)	不検出	不検出	
29	奈良県(奈良市)	不検出	不検出	
30	和歌山県(和歌山市)	不検出	不検出	
31	鳥取県(東伯郡)	不検出	不検出	
32	島根県(松江市)	不検出	不検出	
33	岡山県(岡山市)	不検出	不検出	
34	広島県(広島市)	不検出	不検出	
35	山口県(山口市)	不検出	不検出	
36	徳島県(徳島市)	不検出	不検出	
37	香川県(高松市)	不検出	不検出	
38	愛媛県(八幡浜市)	不検出	不検出	
39	高知県(高知市)	不検出	不検出	
40	福岡県(太宰府市)	不検出	不検出	
41	佐賀県(佐賀市)	不検出	不検出	
42	長崎県(大村市)	不検出	不検出	
43	熊本県(宇土市)	不検出	不検出	
44	大分県(大分市)	不検出	不検出	
45	宮崎県(宮崎市)	不検出	不検出	
46	鹿児島県(鹿児島市)	不検出	不検出	
47	沖縄県(那覇市)	不検出	不検出	

*本データは、1Bq/Lを1Bq/kgとみなす
*文部科学省が各都道府県等からの報告に基づき作成
*「原子力施設等の防災対策について(原子力安全委員会)」飲食物の摂取制限に関する指標 (飲料水)
放射性ヨウ素−131:300Bq/kg以上、放射性セシウム:200Bq/kg以上

From: Brown, Cris
Sent: Wednesday, April 13, 2011 9:21 AM
To: Turner, Joseph
Cc: ET02 Hoc
Subject: Calendar request

Joe,
Karen Jackson is leading the research effort on the FEMA/NRC calendar request. She will let you know what she learns.
Regards,
Cris
Cris Brown
IT Branch Chief
NSIR/PMDA/ITB
Office: 301-415-5768
BlackBerry: (b)(6)

AAAA/558

From: Bloom, Steven
Sent: Wednesday, April 13, 2011 10:40 AM
To: ET02 Hoc
Cc: Jackson, Karen
Subject: RE: New Travelers

Call me at 301-415-2431

From: ET02 Hoc
Sent: Wednesday, April 13, 2011 10:31 AM
To: Bloom, Steven
Cc: Jackson, Karen
Subject: RE: New Travelers

Steve:

When things settle down, could you call me so we can discuss how we should proceed with assisting the travelers with their IT needs? I know you are busy working on getting Don's stuff and I have to work on this "Task Assignment" process, so I thought we can chat later today or tomorrow even. Thanks...karen

From: Jackson, Karen
Sent: Tuesday, April 12, 2011 4:19 PM
To: Bloom, Steven
Cc: ET02 Hoc
Subject: RE: New Travelers
Importance: High

Steve:
I will do that in the morning tomorrow first thing.

...karen jackson
Emergency Response Coordinator
DPR/NSIR/USNRC
Office: 301-415-6398
Cell: (b)(6)
MS: T-4L7
e-mail: karen.jackson@nrc.gov

From: Bloom, Steven
Sent: Tuesday, April 12, 2011 4:04 PM
To: ET02 Hoc; Jackson, Karen
Subject: New Travelers

Please make sure that Sean Meighan, Tim Lupold and Don Norwood are added to Liaison Japan email address and are added to the network drive.

Thank you,

Steve

Steven Bloom, International Relations Specialist

AAAA/559

International Cooperation and Assistance Branch (ICA)
301-415-2431
O-4F4
M/S O-4E21

From: Reyes, Debra
Sent: Wednesday, April 13, 2011 10:44 AM
To: ET02 Hoc
Subject: RE: IT EQUIPMENT

Thanks!

From: ET02 Hoc
Sent: Wednesday, April 13, 2011 10:42 AM
To: Reyes, Debra
Cc: Turner, Joseph; Taylor, Robert
Subject: IT EQUIPMENT
Importance: High

Debbie:

Rob Taylor returned from Japan and will be returning his laptop today (along with his international BB and his regular BB). During a discussion with him, he stated that his and Mike Scott's air cards disappeared out of their bags which were left in t he embassy computer room sometime around 4/5/11-4/6/11 (Scott – tag # 23200; Taylor tag # 22984). I just wanted to make certain you knew about this.

Also, Tim Lupold received his BB, laptop and air card today (b)(6) AT&T air card).

Thanks for your continued support...karen

AAAA/560

Howell, Art

From: Weber, Michael
Sent: Wednesday, April 13, 2011 12:07 PM
To: Dyer, Jim
Cc: ET05 Hoc; ET01 Hoc; OST02 HOC; LIA06 Hoc; RST01 Hoc; Carpenter, Cynthia; Casto, Chuck; Collins, Elmo; Reynolds, Steven; Leeds, Eric; Virgilio, Martin; Howell, Art
Subject: FYI - Request to NRC to facilitate detection measurements.

Based on the lengthy string of emails below, it looks like Cooper has agreed to make their NPP available for the NNSA rad measurement team to visit this week while they are in an outage to make their desired set of measurements. This will support NNSA's assistance to the Japanese in responding to the nuclear emergency at Fukushima-Daiichi.

From: Markley, Michael
Sent: Tuesday, April 12, 2011 3:40 PM
To: Hall, Randy
Cc: Wilkins, Lynnea; Josey, Jeffrey; Nelson, Robert
Subject: FW: Action: request to NRC to facilitate detection measurements.

Randy,

The Cooper licensee has agreed to host the NNSA measurement team from Lawrence Livermore National Laboratory. The licensee strongly suggests the come this week before finishing their outage. Below are the contacts:

Vlad Georgeich 202-586-5644 (primary-office), (b)(6) (back-up cell)
Jeff Joset, NRC SRI, 402-825-3371
Art Zaremba, Regulatory Affairs Manager 402-825-2774
Ed McCutchen, Licensing manager 402-825-2707

NNSA is expected to respond to the inquiry on who, what, when, where, etc. We are dependent on their input to get them in the door.

Mike

From: Nelson, Robert
Sent: Monday, April 11, 2011 10:37 AM
To: Markley, Michael; Hall, Randy
Cc: Gibson, Lauren; Oesterle, Eric
Subject: Action: request to NRC to facilitate detection measurements.

NELSON

From: Leeds, Eric
Sent: Saturday, April 09, 2011 10:27 AM
To: Zimmerman, Roy; Virgilio, Martin
Cc: OST01 HOC; Weber, Michael; ET05 Hoc; Giitter, Joseph; Boger, Bruce; Nelson, Robert; Howell, Art
Subject: Re: request to NRC to facilitate detection measurements.

NRR will coordinate with the regions to make it happen. We're all over it.

AAAA/561

From: Zimmerman, Roy
To: Virgilio, Martin; Leeds, Eric
Cc: OST01 HOC; Weber, Michael; ET05 Hoc
Sent: Fri Apr 08 18:34:05 2011
Subject: RE: request to NRC to facilitate detection measurements.

I'd suggest my good friend Eric take this one and his staff work with NNSA and then regions.....if he is agreeable. However, If preferred, we will work it from the Ops Center.

From: Virgilio, Martin
Sent: Friday, April 08, 2011 6:26 PM
To: Zimmerman, Roy; Leeds, Eric
Cc: OST01 HOC; Weber, Michael
Subject: RE: request to NRC to facilitate detection measurements.

Roy

I would tend to agree this is either an NRR or a Regional issue. Although I must confess that I do not understand what they are asking for.

Marty

From: Zimmerman, Roy
Sent: Friday, April 08, 2011 5:43 PM
To: Leeds, Eric; Virgilio, Martin
Cc: OST01 HOC; Weber, Michael
Subject: RE: request to NRC to facilitate detection measurements.

Would suggest this be handled by the line organization, pls advise, thx

---

From: OST01 HOC
Sent: Friday, April 08, 2011 5:09 PM
To: Zimmerman, Roy
Subject: FW: request to NRC to facilitate detection measurements.

FYI.

From: HOO Hoc [mailto:HOO.Hoc@nrc.gov]
Sent: Friday, April 08, 2011 4:27 PM
To: LIA07 Hoc; OST01 HOC; OST02 HOC; OST03 HOC
Subject: FW: request to NRC to facilitate detection measurements.

From: NITOPS[SMTP:NITOPS@NNSA.DOE.GOV]
Sent: Friday, April 08, 2011 4:26:34 PM
To: HOO Hoc; Hoc, PMT12
Subject: FW: request to NRC to facilitate detection measurements.
Auto forwarded by a Rule

NITOPS,

Lon Horiuchi (CONTR)

From: Tilden, Jay
Sent: Friday, April 08, 2011 4:20 PM
To: NITOPS
Cc: Georgevich, Vladimir (CONTR); Aoki, Steven; 'Joseph.Rivers@nrc.gov'
Subject: RE: request to NRC to facilitate detection measurements.

NITOPS - please pass on to NRC Operations Center for action.

NRC Ops,

We are requesting your help with facilitating access to a reactor for three of our scientist to calibrate diagnostic equipment at one of the nuclear power plants listed below. We would like this radiation diagnostic team to be given permission to enter one of the US reactor plants to take radiation measurements for the purpose of calibrating the instrumentation in the presence of an operating reactor with a realistic shielding and operational core geometry configurations that are most similar to the reactors in Japan. Our goal is to validate whether this equipment could be used at the Fukushima NPP and determine additional details regarding damaged core geometry.

We need NRC's help in getting appropriate permissions. We have identified four reactors in the US that fit that profile. They are ranked 1-4 in terms of convenience for our detection folks to get to them. These reactors are:

1) Cooper-Nebraska
2) Palo-Iowa
3) Oyster Creek-New Jersey
4) Nine Mile Point-New York

The diagnostic team would comprise of 3 Q cleared individuals with appropriate Radiation Worker Training. We would welcome help from hosting plant by providing us with the following:

1. 2 day access to various points in and around the plant to calibrate equipment (a list could be compiled if needed)
2. Escort by knowledgeable Facilities Engineering Tech Rep who knows the facility and its materials, thicknesses, etc.
3. Plant POC contact info to work out the details prior to deployment.

Vlad Georgevich is the POC/coordinator for this request. He can be contacted at cell 925-321-9299.

Jay A. Tilden
Japan Logistics Coordinator &
Dir.
NA-47, NNSA
(b)(6)

Allen, Linda

From: Hiltz, Thomas
Sent: Wednesday, April 13, 2011 11:43 AM
To: Allen, Linda
Subject: FW: FYI --FW: Information Sheet regarding the Tohoku Earthquake
Attachments: Update to Information Sheet Regarding the Tohoku Earthquake(3).doc

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From: Hiltz, Thomas
Sent: Monday, March 14, 2011 2:31 PM
To: Tschiltz, Michael; Bailey, Marissa; Haney, Catherine; Dorman, Dan; Foggle, Kirk
Subject: FYI --FW: Information Sheet regarding the Tohoku Earthquake

FYI

From: Kazuhiko Hiruta [mailto: (b)(6)
Sent: Monday, March 14, 2011 2:16 PM
To: Kazuhiko Hiruta
Subject: Information Sheet regarding the Tohoku Earthquake

Dear Friends,

Please find updated information about the incidents at Fukushima Nuclear Power Station. If you have questions, please feel free to contact me.

With best regards,
Kazu

==========

Kazuhiko HIRUTA
FEPC Washington Office
"The Federation of Electric Power Companies of Japan"
1901 L Street NW Suite 600 Washington, DC 20036
tel: 202-466-3507
cell: (b)(6)
fax: 202-466-6758

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AAAA 562

Update to Information Sheet Regarding the Tohoku Earthquake

The Federation of Electric Power Companies of Japan (FEPC) Washington DC Office

As of 1:00PM (EST), March 14, 2011

- Radiation Levels
  - At 9:37AM (JST) on March 14, a radiation level of 3130 micro sievert was recorded at the Fukushima Daiichi Nuclear Power Station.
  - At 10:35AM on March 14, a radiation level of 326 micro sievert was recorded at the Fukushima Daiichi Nuclear Power Station.
  - Most recently, at 2:30PM on March 14, a radiation level of 231 micro sievert was recorded at Fukushima Daiichi Nuclear Power Station.
- Fukushima Daiichi Unit 1 reactor
  - As of 12:00AM on March 15, the injection of seawater continues into the primary containment vessel.
- Fukushima Daiichi Unit 2 reactor
  - At 12:00PM on March 14, in response to lower water levels, TEPCO began preparations for injecting seawater into the reactor core.
  - At 5:16PM on March 14, the water level in the reactor core covered the top of the fuel rods.
  - At 6:20PM on March 14, TEPCO began to inject seawater into the reactor core.
  - For a short time around 6:22PM on March 14, the water level inside the reactor core fell below the lower measuring range of the gauge. As a result, TEPCO believes that the fuel rods in the reactor core might have been fully exposed.
  - At 7:54PM on March 14, engineers confirmed that the gauge recorded the injection of seawater into the reactor core.
  - At 8:37PM on March 14, in order to alleviate the buildup of pressure, slightly radioactive vapor, that posed no health threat, was passed through a filtration system and emitted outside via a ventilation stack from Fukushima Daiichi Unit 2 reactor vessel.
- Fukushima Daiichi Unit 3 reactor
  - At 11:01AM on March 14, an explosion occurred at Fukushima Daiichi Unit 3 reactor damaging the roof of the secondary containment building. Caused by the interaction of hydrogen and oxygen vapor, in a fashion to Unit 1 reactor, the explosion **did not damage the primary containment vessel** or the reactor core.
  - As of 12:38AM (JST) on March 15, the injection of seawater has been suspended.
- Fukushima Daini Unit 1 reactor
  - As of 1:24AM on March 14, TEPCO commenced the cooling process after the pumping system was restored.
  - At 10:15AM on March 14, TEPCO confirmed that the average water temperature held constant below 212 degrees Fahrenheit.
- Fukushima Daini Unit 2 reactor
  - At 7:13AM on March 14, TEPCO commenced the cooling process.
  - As of 3:52PM on March 14, the cooling function was restored and the core temperature was stabilized below 212 degrees Fahrenheit.
- Fukushima Daini Unit 3 reactor

- As of 12:15PM on March 13, reactor has been cooled down and stabilized.

- Fukushima Daini Unit 4 reactor
  - At 3:42PM on March 14, cooling of the reactor commenced, with TEPCO engineers working to achieve cold shutdown.

OIP_ITServices Resource

From: LIA02 Hoc
Sent: Thursday, April 14, 2011 8:26 PM
To: Bloom, Steven
Subject: FW: Official notice (14/04/2011) Documents of the briefing

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From: Hinds, Lynda J on behalf of Tokyo Staff Assistant[SMTP:AEX02TX@STATE.GOV]
Sent: Thursday, April 14, 2011 8:24:48 PM
To: (b)(6)

(b)(6)

Subject: FW: Official notice (14/04/2011) Documents of the briefing
Auto forwarded by a Rule

Lynda Hinds
Staff Assistant
(03) 3224- 5370

From: PROTOCOLOFFICE-EM [mailto:protocoloffice-em@mofa.go.jp]
Sent: Friday, April 15, 2011 4:49 AM
To: PROTOCOLOFFICE-EM
Subject: Official notice (14/04/2011) Documents of the briefing

AAAA/563

－Ｕｒｇｅｎｔ－

Official Notice

(15th April 2011 04:00 revised)

To All Missions (Embassies, Consular posts and International Organizations in Japan)

The Ministry of Foreign Affairs has the honour to send for the perusal of Missions documents which were distributed at the briefing on 14th April, 2011 at 16:00 for your reference.

< p class=MsoNormal style='text-indent:7.0pt'>

Also, the Ministry would like to inform the missions that the Chief Cabinet Secretary announced at the press conference the removal of shipment restriction of kakina, leafy vegetable, originated from Tochigi Prefecture.

Furthermore, the Ministry would like to correct the data provided by NISA colleague at the briefing regarding sampling data of water from the Unit4 spent fuel pool. The corrected data is the following:

^{131}I 2.2 x 102 Bq/cm^3 (=220 Bq/cm^3)
(note: the usual data is less than 0.01Bq/cm^3)

^{134}Cs 8.8 x10 Bq/cm^3 (=88 Bq/cm^3)
(note: the usual data is less than 0.01Bq/cm^3)

^{137}Cs 9.3 x10 Bq/cm^3 (=93 Bq/cm^3)
(note: the usual data is the order of 0.1Bq/cm^3)

List of attachments

1. List of briefers from Ministries other than the MOFA (14th April)
2. Levels of radioactive contaminants in foods (data reported on 13 April 2011) (Ministry of Health, Labour and Welfare)
3. Current situation for water supply works(14th April 2011)and Press release on detection of radioactive materials in tap water(33th announcement)(Ministry of Health, Labour and Welfare)
4. Results of the inspection on radioactive materials in fisheries products (Ministry of Agriculture, Forestry and Fisheries)
5. Reading of Environmental Radiation Level by emergency monitoring (Ministry of Education, Culture, Sports, Science and Technology)

6. Press Release (Evaluation of Environmental Radiation Monitoring Results (16:45 on April 13, 2011) (Nuclear Safety Commission, Cabinet Office)
7. District-based Assessment of Vulnerability to Earthquake Disaster (2008), issued by Tokyo Metropolitan Government (MOFA)
8. Tokyo Metropolitan Government Disaster Prevention Homepage (MOFA)
9. Information for those who are interested in the volunteer work for the Great East Japan Earthquake) (MOFA)
10. Excerpts from the press conference by Executive Vice President Muto (TEPCO)
11. Seismic Damage Information (the 91st and 92nd Release) (Nuclear and Industrial Safety Agency)
12. Conditions of Fukushima Dai-ichi Nuclear Power Station Unit1-6 (As of 6:00 April 14th, 2011) (Nuclear and Industrial Safety Agency)

(END)

From: Wilkinson, Tracy
Sent: Thursday, April 14, 2011 2:11 PM
To: ET02 Hoc; Jackson, Karen
Subject: RE: help with our Japan team computer network - As requested the folder has been created.

Karen,
Here are sequential screen shots of the access control list and their members. I will add myself to the ACL for testing only.

Members of the G-OIS-Liaison_Japan access list.

William Cook
Tony Nakanishi
Todd Jackson
Timothy Kolb
Syed Ali
Steven Reynolds
Steve Garchow
Stephen Dembek
Rudolph Bernhard
Robert Taylor
Richard Devercelly
Ralph Way
Quynh Nguyen
Patricia Santiago
Michel Call
Michael Scott
Michael Salay
Martin Virgilio
Marie Miller
Kirk Foggie
Karen Jackson
Josh Batkin
John Monninger
John Giessner
Jeffrey Mitman
Jason Schaperow
Jason Kozal
Jane Marshall
James Trapp
Jack Foster
Ivonne Couret
Heather Gepford
Eric Stahl
Elmo Collins
Eliot Brenner
Danielle Emche
Dan Dorman
Chuck Casto
Carl Moore

AAAA/564

Brooke Smith
Brian Wittick
Brian McDermott
Anthony Ulses
Anthony Huffert
Annie Kammerer
Angela Coggins
Alan Frazier
Alan Blamey
Abdul Sheikh

Thanks Karen!

Regards,

Tracy Wilkinson | NRC NOC Engineering
L-3 STRATIS
Powered by Excellence
(Office) 301-415-8150 | (Mobile) (b)(6) | (Black Berry) (b)(6)
Tracy.Wilkinson@NRC.GOV | www.L-3com.com/STRATIS

From: ET02 Hoc
Sent: Thursday, April 14, 2011 1:42 PM
To: Wilkinson, Tracy
Subject: FW: help with our Japan team computer network - As requested the folder has been created.

From: Reyes, Debra
Sent: Tuesday, April 12, 2011 7:59 AM
To: ET02 Hoc
Cc: Reyes, Debra
Subject: RE: help with our Japan team computer network - As requested the folder has been created.

Good morning,

The NOC has created a folder named 'Liaison Japan' and a control group 'G-OIS-Liaison_Japan' on the existing HQ S: drive. Added the users from the spreadsheet provided to G-OIS-Liaison_Japan. Added G-OIS-Liaison_Japan to the folder Liaison Japan. Upon login the users in the group should receive a N: drive mapping to access the folder. The folder can also be accessed using the following link \\nrc.gov.nrc\hq\Shared\Liaison Japan. This can be copied to the desktop for use.

Please let me know if you need anything else.

debbie

From: ET02 Hoc
Sent: Monday, April 11, 2011 7:13 AM
To: Turner, Joseph; Reyes, Debra
Subject: FW: help with our Japan team computer network

Fyi...karen

From: Stang, Annette
Sent: Thursday, April 14, 2011 11:54 AM
To: OST01 HOC
Subject: Out of Office: Test

On Thursday, April 14, 2011, I will be working in the Operations Center from 7:00 - 3:00pm. If you should need to reach me, please call my cell phone at (b)(6).

Thank you,
Annette

AAAA/565

From: ET02 Hoc
Sent: Thursday, April 14, 2011 9:51 AM
To: Bloom, Steven
Subject: FW: Update - Please Activate ATT International Service for Japan Support
Attachments: image001.jpg

Steve:
Do you think Don Norwood could take the three new air cards with him when he goes to the Japan tomorrow – see e-mails below. Thanks...karen

From: Khan, Omar
Sent: Thursday, April 14, 2011 9:09 AM
To: ET02 Hoc
Cc: Brown, Cris; Jackson, Karen
Subject: FW: Update - Please Activate ATT International Service for Japan Support

FYI

Thank You
Office 301-415-6995
Cell (b)(6)
e-mail Omar.Khan@nrc.gov

From: Hincke, John
Sent: Wednesday, April 13, 2011 6:40 PM
To: Turner, Joseph; Brusoe, Eric; Reyes, Debra; Heard, Robert; Khan, Omar
Cc: Bissett, Ryan; Erskine, Pamela; Wisongo, Serge; CSC
Subject: RE: Update - Please Activate ATT International Service for Japan Support

Joe, Eric, Debra and Rob,

ATT International service has been restored to the NRC staff below. The three Verizon Air Cards (that have the expensive roaming charges) will be replaced with ATT Air Cards. We'll need to coordinate the swap with staff traveling back & forth. If we have missed anyone, we'll handle those immediately when identified.

Omar, From our conversation earlier in the CSC, pls see below for the staff who have had their ATT Air Card International service restored.

VR,

John Hincke, PMP
CSC & Deskside Manager
L3 Communications
L3 STRATIS
John.Hincke@NRC.gov
(b)(6) (Blackberry)

AAAA/566

Bar Code	Description	Serial Number	Asset User	Actual Device Assignment	
27784	WIRELESS_VERIZON_UMW190	(b)(6)	KXF	Chuck Casto	
27931	WIRELESS_VERIZON_UMW190		KXF	John Monninger	
24457	WIRELESS_VERIZON_UMW190		KXF	Richard Devercelly	
20793	WIRELESS_ATT_UMW190		DHD	Dan Dorman	24
30019	WIRELESS_AT&T_LIGHTNING		DME	Danielle Emche	57
23199	WIRELESS_AT&T_LIGHTNING		EVH	Vincent Holahan	57
23196	WIRELESS_AT&T_LIGHTNING		RHB	Rudolph Bernhard	57
30015	WIRELESS_AT&T_LIGHTNING		RHB	Alan Blamey is current custodian. Rudolph Bernhard had originally & transferred to Alan B.	57
22983	WIRELESS_AT&T_LIGHTNING		MAS10	Michael Salay	57

From: Washington, Arlene
Sent: Wednesday, April 13, 2011 5:45 PM
To: Hincke, John
Cc: Bissett, Ryan; Erskine, Pamela
Subject: RE: Update - Please Activate ATT International Service

Service restored for the numbers below.

From: Hincke, John
Sent: Wednesday, April 13, 2011 5:11 PM
To: Washington, Arlene
Cc: Bissett, Ryan; Erskine, Pamela
Subject: Please ATT International Service

Arlene,

Pls activate the following ATT air cards

(b)(6) (verify turned on)
(b)(6) (verify turned on)

Also, verify that these 2 cards are turned off because they were lost. (b)(6) and (b)(6)

VR,

John Hincke, PMP

CSC & Deskside Manager
L3 Communications

John.Hincke@NRC.gov
(b)(6) (Blackberry)

Karen Jackson's original email is below. A CSC ticket was created and assigned to Deskside Support this afternoon.

---

fyi

Karen will be submitting a request to have the air cards reactivated.

Debbie

From: ET02 Hoc
Sent: Wednesday, April 13, 2011 1:36 PM
To: Reyes, Debra
Subject: NEED TO JAPANESE LAPTOP & STATUS OF AIR CARDS RE-ACTIVATION
Importance: High

Debbie:

Where/whom should I returned one of the Japan travelers' laptop to – Rob Taylor returned his to me and I have it in the Ops Center. I can deliver it to whomever / wherever you like. I couldn't remember Serge's last name in order to include him on this e-mail.

Also I wanted to check to make certain someone was going to work on re-activating the air cards that are currently still in Japan? Do I need to put in a request? Thanks for your help...Karen

From: Brown, Cris
Sent: Thursday, April 14, 2011 10:40 AM
To: Khan, Omar; ET02 Hoc
Cc: Jackson, Karen
Subject: RE: Update - Please Activate ATT International Service for Japan Support
Attachments: image001.jpg

Thanks for this info. Jim Dyer asked me about status on this yesterday and I told him I look into it.

Cris Brown
IT Branch Chief
Program Management, Policy Development and Analysis Staff
Office of Nuclear Security and Incident Response
Office: 301-415-5768
BlackBerry: (b)(6)

From: Khan, Omar
Sent: Thursday, April 14, 2011 9:09 AM
To: ET02 Hoc
Cc: Brown, Cris; Jackson, Karen
Subject: FW: Update - Please Activate ATT International Service for Japan Support

FYI

Thank You
Office 301-415-6995
Cell (b)(6)
e-mail Omar.Khan@nrc.gov

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Sent: Wednesday, April 13, 2011 6:40 PM
To: Turner, Joseph; Brusoe, Eric; Reyes, Debra; Heard, Robert; Khan, Omar
Cc: Bissett, Ryan; Erskine, Pamela; Wisongo, Serge; CSC
Subject: RE: Update - Please Activate ATT International Service for Japan Support

Joe, Eric, Debra and Rob,

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Omar, From our conversation earlier in the CSC, pls see below for the staff who have had their ATT Air Card International service restored.

VR,

John Hincke, PMP
CSC & Deskside Manager
L3 Communications

AAAA/567

L3 STRATIS
John.Hincke@NRC.gov
(b)(6) (Blackberry)

Bar Code	Description	Serial Number	Asset User	Actual Device Assignment	
27784	WIRELESS_VERIZON_UMW190		KXF	Chuck Casto	
27931	WIRELESS_VERIZON_UMW190		KXF	John Monninger	
24457	WIRELESS_VERIZON_UMW190		KXF	Richard Devercelly	
20793	WIRELESS_ATT_UMW190	(b)(6)	DHD	Dan Dorman	24
30019	WIRELESS_AT&T_LIGHTNING		DME	Danielle Emche	57
23199	WIRELESS_AT&T_LIGHTNING		EVH	Vincent Holahan	57
23196	WIRELESS_AT&T_LIGHTNING		RHB	Rudolph Bernhard	57
30015	WIRELESS_AT&T_LIGHTNING		RHB	Alan Blamey is current custodian. Rudolph Bernhard had originally & transferred to Alan B.	57
22983	WIRELESS_AT&T_LIGHTNING		MAS10	Michael Salay	57

From: Washington, Arlene
Sent: Wednesday, April 13, 2011 5:45 PM
To: Hincke, John
Cc: Bissett, Ryan; Erskine, Pamela
Subject: RE: Update - Please Activate ATT International Service

Service restored for the numbers below.

From: Hincke, John
Sent: Wednesday, April 13, 2011 5:11 PM
To: Washington, Arlene
Cc: Bissett, Ryan; Erskine, Pamela
Subject: Please ATT International Service

Arlene,

Pls activate the following ATT air cards

(b)(6) (verify turned on)
(verify turned on)

Also, verify that these 2 cards are turned off because they were lost. (b)(6) and (b)(6)

VR,

John Hincke, PMP
CSC & Deskside Manager
L3 Communications
L3 STRATIS
John.Hincke@NRC.gov
(b)(6) (Blackberry)

Karen Jackson's original email is below. A CSC ticket was created and assigned to Deskside Support this afternoon.

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fyi

Karen will be submitting a request to have the air cards reactivated.

Debbie

From: ET02 Hoc
Sent: Wednesday, April 13, 2011 1:36 PM
To: Reyes, Debra
Subject: NEED TO JAPANESE LAPTOP & STATUS OF AIR CARDS RE-ACTIVATION
Importance: High

Debbie:

Where/whom should I returned one of the Japan travelers' laptop to – Rob Taylor returned his to me and I have it in the Ops Center. I can deliver it to whomever / wherever you like. I couldn't remember Serge's last name in order to include him on this e-mail.

Also I wanted to check to make certain someone was going to work on re-activating the air cards that are currently still in Japan? Do I need to put in a request? Thanks for your help...Karen

From: Khan, Omar
Sent: Thursday, April 14, 2011 8:11 AM
To: ET02 Hoc
Subject: RE: HOO's LAPTOP and AIR CARD NUMBERS, PLEASE.

(b)(6)		LAPTOP	DELL_LATITUDE_E6400
		Card	Verizon Air Card

Thank You
Office 301-415-6995
Cell (b)(6)
e-mail Omar.Khan@nrc.gov

From: ET02 Hoc
Sent: Thursday, April 14, 2011 7:55 AM
To: Khan, Omar
Subject: HOO's LAPTOP and AIR CARD NUMBERS, PLEASE.
Importance: High

AAAA/568

From: Brusoe, Eric
Sent: Thursday, April 14, 2011 11:39 AM
To: Hincke, John
Cc: Erskine, Pamela; Jackson, Karen; Reyes, Debra; Heard, Robert; Turner, Joseph; ET02 Hoc
Subject: RE: Swap Japan Verizon Air Cards for ATT Air Cards
Attachments: image001.jpg

Proceed

Eric Brusoe, PMP, CHE
Infrastructure Services Planning Team
Senior IT Specialist
Infrastructure and Computer Operations Division
Office of Information Services
U.S. Nuclear Regulatory Commission
301-415-5053

From: Hincke, John
Sent: Thursday, April 14, 2011 11:33 AM
To: Brusoe, Eric
Cc: Erskine, Pamela; Jackson, Karen; Reyes, Debra; Heard, Robert; Turner, Joseph; ET02 Hoc
Subject: Swap Japan Verizon Air Cards for ATT Air Cards

Eric,

With your approval, I would like to swap the 3 Verizon air cards currently deployed in Japan to the following staff for more cost effective ATT air cards. Additionally, the international service is turned off on these 3 Verizon air cards anyway.

Current Verizon Bar Code	Actual Device Assignment	New ATT Air Card Asset Number
(b)(6)	Chuck Casto	(b)(6)
	John Monninger	
	Richard Deverenty	

New BMC tickets have been created for each of the 3 air card swaps to document the transaction. I can deliver the 3 new ATT air cards to the Ops Center to Karen so that Mr. Norwood can take them to Japan.

Karen, pls help coordinate returning the 3 old Verizon air cards back to OIS.

VR,

John Hincke, PMP
CSC & Deskside Manager

AAAA/569

L3 Communications
L3 STRATIS
John.Hincke@NRC.gov
(b)(6) Blackberry)

OIP_ITServices Resource

From: LIA02 Hoc
Sent: Friday, April 15, 2011 10:25 PM
To: Bloom, Steven
Subject: FW: Radiation data by MEXT
Attachments: (English)20110415_09.pdf; (unofficial)(English)20110415_09with lat_long.pdf; (English)20110415_10.pdf; (English)20110415_11.pdf; (English)20110415_12.pdf; (English)20110415_13.pdf; (English)20110415_14.pdf; (English)20110415_15.pdf; (unofficial)(English)20110415_15with lat_long.pdf; (English)20110415_16.pdf; (English)20110415_17.pdf; (unofficial)(English)20110415_17with lat_long.pdf; (English)20110415_18.pdf; (English)20110415_19.pdf; (unofficial)(English)20110415_19with lat_long.pdf; (English)20110415_20.pdf; (English)20110415_21.pdf; (English)20110415_22.pdf; (English)20110415_23.pdf; (English)20110415_24.pdf

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From: eda@mext.go.jp[SMTP:EDA@MEXT.GO.JP]
Sent: Friday, April 15, 2011 10:24:21 PM
To: (b)(6)

(b)(6)

Subject: Radiation data by MEXT
Auto forwarded by a Rule

Dear Sir,

Please see attached the document.

Sincerely yours,
Kei EDA
EOC, Ministry of Education,Culture, Sports, Science & Technology (MEXT), Japan

AAAA/570

News Release

Readings at Monitoring Post out of 20 Km Zone of Fukushima Dai-ichi NPP

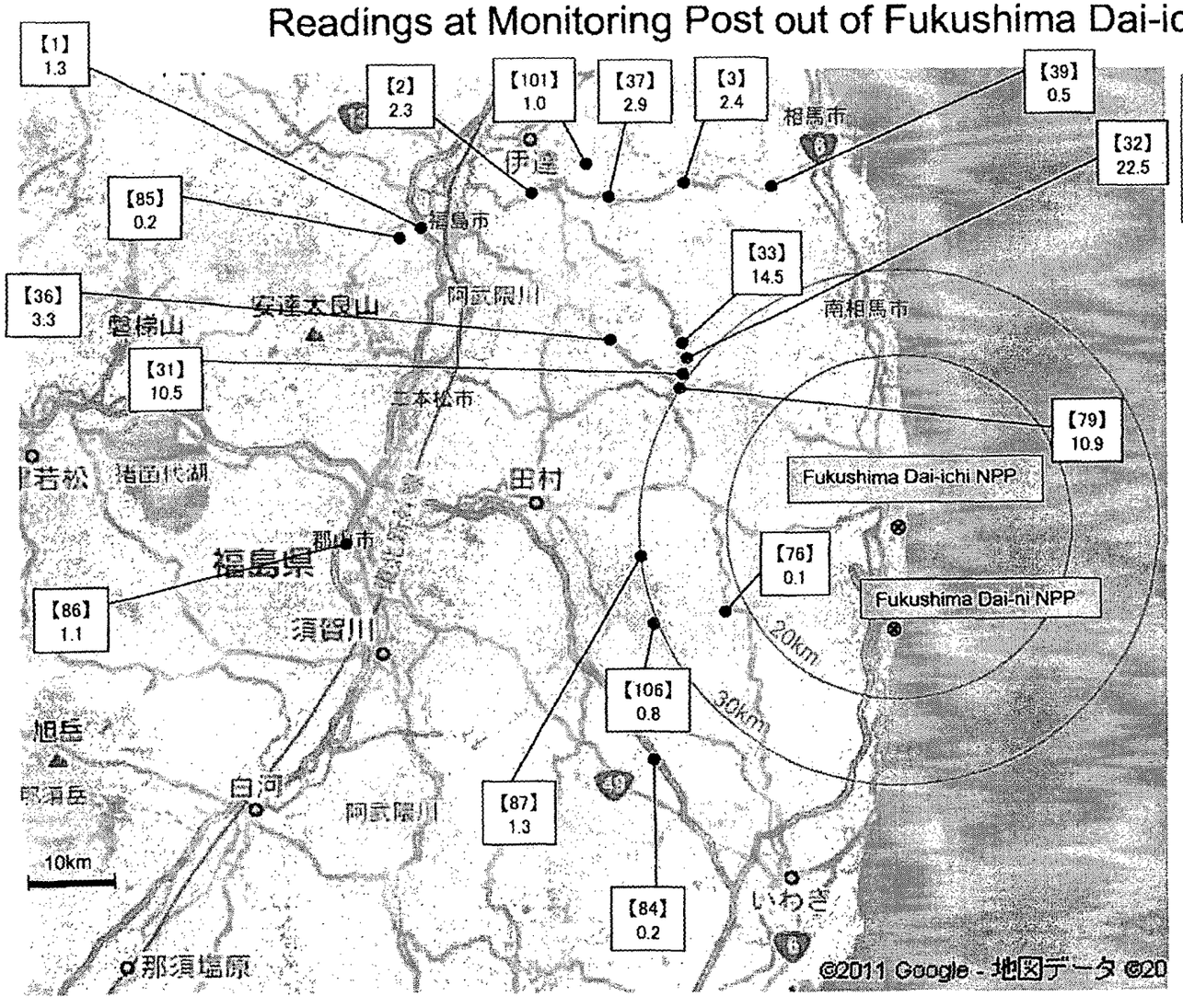
As of 13:00 April 15,2011
Ministry of Education, Culture, Sports, Science and Technology (MEXT)

○Monitoring Outputs by MEXT

*1 measured by Geiger-Müller counter
*2 measured by ionization chamber type survey meter
*3 measured by NaI scintillator detector
*4 variation range of the measuring data in measuring time

Monitoring Post (length from NPP)		Monitoring Time	Reading (unit : μSv / h)	Weather	Reading by
Reading Point 【1】	Fukushima city Sugitsuma town (About60kmNorth/West)	2011/4/15 8:30	1.3 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【2】	Fukushima city Onami Takinoiri (About55kmNorth/West)	2011/4/15 9:02	2.3 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【3】	Date city Ryozen town Ishida Hikohei (About45kmNorth/West)	2011/4/15 10:14	2.4 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【31】	Futaba county Namie town Tsushima Nakaoki (About30kmWest/North/West)	2011/4/15 10:42	10.5 *2	No Rain	MEXT
Reading Point 【32】	Futaba county Namie town Akougi Teshichiro (About30kmNorth/West)	2011/4/15 10:22	22.5 *2	No Rain	MEXT
Reading Point 【33】	Soma county Iitate village Nagadoro (About30kmNorth/West)	2011/4/15 10:02	14.5 *2	No Rain	MEXT
Reading Point 【36】	Date county Kawamata town Yamakiya Nagahashi (About40kmNorth/West)	2011/4/15 9:38	3.3 *2	No Rain	MEXT
Reading Point 【37】	Date city Ryozen town Ishida Hojizawa (About50kmNorth/West)	2011/4/15 10:02	2.9 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【39】	Soma city Yamakami Kaminamiki (About45kmNorth)	2011/4/15 10:42	0.5 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【76】	Futaba county Kawauchi village Kamikawauchi Hayawata (About20kmSouth/West)	2011/4/15 10:48	0.1 *2	No Rain	MEXT
Reading Point 【79】	Futaba county Namie town shimotsushima kayabuka (About30kmNorth/West)	2011/4/15 10:58	10.9 *2	No Rain	MEXT
Reading Point 【84】	Iwaki city Miawa-town Saiso (About40kmSouth/West)	2011/4/15 10:09	0.2 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【85】	Fukushimashi Arai Harajiku (About60kmNorth/West)	2011/4/15 6:00	0.2 *2	No Rain	Ministry of Defense
Reading Point 【86】	Koriyamashi Ootsuki town Choemonbayashi (About55kmWest)	2011/4/15 6:00	1.1 *2	No Rain	Ministry of Defense
Reading Point 【87】	Futaba county Kawauchi village Kamikawauchi Hananouchi (About30kmWest/South/West)	2011/4/15 6:00	1.3 *2	No Rain	Ministry of Defense
Reading Point 【101】	Date city Ryozen town Oishi aza Minowa (About55kmNorth/West)	2011/4/15 9:28	1.0 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【106】	Iwaki city Kawamae town Ojiroi aza Syokangoya (About30kmSouth/West)	2011/4/14 10:21	0.8 *2	No Rain	MEXT

Readings at Monitoring Post out of Fukushima Dai-ichi NPP



Monitoring Time
April 15,
6:00~11:00
● Monitoring Post

Unit : μ Sv per hour

Circles indicate approximate range.

2011/4/15 13:00 Reading of environmental radioactivity level by prefecture (μSv/h)

	Prefecture(City)	4/14															
		9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Usual Value Band
1	Hokkaido(Sapporo)	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.02～0.105
2	Aomori(Aomori)	0.026	0.026	0.026	0.027	0.026	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.017～0.102
3	Iwate(Morioka)	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.025	0.014～0.084
4	Miyagi(Sendai)	0.083	0.084	0.084	0.085	0.085	0.085	0.083	0.081	0.081	0.080	0.080	0.080	0.079	0.079	0.079	0.0176～0.0513
5	Akita(Akita)	0.034	0.034	0.034	0.034	0.034	0.034	0.035	0.034	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.022～0.086
6	Yamagata(Yamagata)	0.053	0.053	0.053	0.054	0.053	0.053	0.054	0.053	0.054	0.053	0.053	0.054	0.054	0.054	0.054	0.025～0.082
7	Fukushima(Fukushima)	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.100	0.037～0.046
8	Ibaraki(Mito)	0.139	0.140	0.141	0.141	0.141	0.140	0.140	0.139	0.139	0.138	0.137	0.137	0.137	0.138	0.137	0.036～0.056
9	Tochigi(Utsunomiya)	0.069	0.069	0.068	0.069	0.069	0.069	0.069	0.069	0.069	0.069	0.069	0.068	0.069	0.069	0.069	0.030～0.067
10	Gunma(Maebashi)	0.040	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.040	0.040	0.017～0.049
11	Saitama(Saitama)	0.061	0.061	0.061	0.061	0.061	0.061	0.061	0.060	0.061	0.060	0.060	0.060	0.060	0.061	0.061	0.031～0.060
12	Chiba(Ichihara)	0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.053	0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.022～0.044
13	Tokyo(Shinjuku)	0.079	0.078	0.078	0.078	0.078	0.078	0.078	0.077	0.077	0.077	0.077	0.077	0.077	0.077	0.077	0.028～0.079
14	Kanagawa(Chigasaki)	0.057	0.057	0.057	0.056	0.056	0.056	0.057	0.057	0.057	0.057	0.057	0.057	0.057	0.057	0.057	0.035～0.069
15	Niigata(Niigata)	0.047	0.046	0.046	0.046	0.046	0.046	0.046	0.047	0.046	0.047	0.047	0.047	0.047	0.047	0.048	0.031～0.153
16	Toyama(Imizu)	0.049	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.049	0.029～0.147
17	Ishikawa(Kanazawa)	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.048	0.048	0.048	0.048	0.047	0.048	0.0291～0.1275
18	Fukui(Fukui)	0.046	0.044	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.046	0.046	0.046	0.032～0.097
19	Yamanashi(Kohu)	0.044	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.044	0.043	0.044	0.043	0.044	0.040～0.066
20	Nagano(Nagano)	0.044	0.044	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.042	0.043	0.043	0.043	0.044	0.0299～0.0974
21	Gifu(Kakamigahara)	0.062	0.061	0.060	0.060	0.060	0.061	0.061	0.061	0.061	0.061	0.060	0.060	0.061	0.061	0.061	0.057～0.110
22	Shizuoka(Shizuoka)	0.042	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.040	0.041	0.041	0.041	0.040	0.039	0.039	0.0281～0.0765
23	Aichi(Nagoya)	0.041	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.039	0.039	0.039	0.039	0.039	0.040	0.040	0.035～0.074
24	Mie(Yokkaichi)	0.047	0.047	0.047	0.047	0.046	0.047	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.047	0.0416～0.0789
25	Shiga(Otsu)	0.035	0.033	0.033	0.033	0.032	0.032	0.032	0.033	0.033	0.032	0.032	0.032	0.032	0.032	0.032	0.031～0.061
26	Kyoto(Kyoto)	0.039	0.038	0.038	0.038	0.038	0.037	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.033～0.087
27	Osaka(Osaka)	0.043	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042～0.061
28	Hyogo(Kobe)	0.037	0.036	0.036	0.036	0.036	0.036	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.035～0.076
29	Nara(Nara)	0.048	0.047	0.048	0.047	0.047	0.047	0.047	0.047	0.048	0.048	0.047	0.048	0.048	0.048	0.049	0.046～0.080
30	Wakayama(Wakayama)	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031～0.056
31	Tottori(Tohhaku)	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.062	0.063	0.064	0.064	0.064	0.036～0.110
32	Shimane(Matsue)	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.047	0.047	0.037～0.131
33	Okayama(Okayama)	0.050	0.049	0.049	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.049	0.049	0.050	0.050	0.043～0.104
34	Hiroshima(Hiroshima)	0.048	0.048	0.047	0.047	0.046	0.046	0.046	0.046	0.045	0.046	0.045	0.046	0.046	0.046	0.046	0.035～0.069
35	Yamaguchi(Yamaguchi)	0.093	0.093	0.093	0.093	0.093	0.092	0.092	0.092	0.092	0.092	0.093	0.093	0.093	0.094	0.095	0.084～0.128
36	Tokushima(Tokushima)	0.039	0.038	0.038	0.038	0.038	0.038	0.037	0.037	0.038	0.037	0.038	0.038	0.038	0.038	0.038	0.037～0.067
37	Kagawa(Takamastu)	0.054	0.053	0.052	0.053	0.054	0.053	0.053	0.052	0.058	0.060	0.060	0.060	0.062	0.062	0.063	0.051～0.077
38	Ehime(Matsuyama)	0.047	0.046	0.047	0.046	0.047	0.046	0.047	0.047	0.047	0.047	0.047	0.048	0.048	0.048	0.049	0.045～0.074
39	Kochi(Kochi)	0.025	0.025	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.025	0.025	0.025	0.025	0.025	0.019～0.054
40	Fukuoka(Dazaifu)	0.037	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.035	0.036	0.036	0.036	0.036	0.036	0.036	0.034～0.079
41	Saga(Saga)	0.040	0.040	0.040	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.040	0.040	0.037～0.086
42	Nagasaki(Ohmura)	0.028	0.029	0.029	0.029	0.028	0.028	0.029	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.027～0.069
43	Kumamoto(Uto)	0.027	0.026	0.026	0.027	0.026	0.027	0.027	0.026	0.027	0.026	0.027	0.027	0.027	0.027	0.027	0.021～0.067
44	Oita(Oita)	0.050	0.050	0.049	0.050	0.049	0.049	0.049	0.049	0.049	0.049	0.050	0.050	0.050	0.050	0.050	0.048～0.085
45	Miyazaki(Miyazaki)	0.026	0.026	0.027	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.0243～0.0664
46	Kagoshima(Kagoshima)	0.035	0.035	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.035	0.035	0.035	0.0306～0.0943
47	Okinawa(Uruma)	0.021	0.021	0.021	0.020	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.020	0.021	0.021	0.021	0.0133～0.0575

*Figures for Miyagi Prefecture are measured by transportable monitoring post.
Moreover, the value of the fixed mount type monitoring post set up in Sendai City is described about the range of the value ordinary of the past.
*In Fukushima Prefecture, the monitoring post in Futaba-gun is located at an evacuated area, since it is difficult to measure, figures were measured in Momijiyama (Fukushima City) as an alternative.
* In Shimane Prefecture, readings are measured by alternative machine from 5pm on April 4 because of setting up the equipment.
*These figures are estimated as 1 μGy/h=1 μSv/h.
*The table was made by MEXT, based on the reports from prefectures.
*Usual value band means a range of the maximum and minimum value observed before the earthquake.
*The data, usual value band of Gunma Pref.,Yamanashi Pref. and Kouchi Pref., are corrected from theversion released on April 9 19:00.

2011/4/15 13:00 Reading of environmental radioactivity level by prefecture (μSv/h)

	Prefecture(City)	4/15									
		0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	Usual Value Band
1	Hokkaido(Sapporo)	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.02～0.105
2	Aomori(Aomori)	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.017～0.102
3	Iwate(Morioka)	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.014～0.084
4	Miyagi(Sendai)	0.079	0.079	0.079	0.078	0.078	0.078	0.078	0.079	0.081	0.0176～0.0513
5	Akita(Akita)	0.035	0.035	0.035	0.035	0.035	0.035	0.036	0.036	0.036	0.022～0.086
6	Yamagata(Yamagata)	0.054	0.054	0.054	0.055	0.055	0.055	0.055	0.055	0.055	0.025～0.082
7	Fukushima(Fukushima)	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	0.037～0.046
8	Ibaraki(Mito)	0.137	0.137	0.138	0.138	0.138	0.138	0.138	0.138	0.137	0.036～0.056
9	Tochigi(Utsunomiya)	0.069	0.069	0.069	0.069	0.069	0.069	0.070	0.069	0.069	0.030～0.067
10	Gunma(Maebashi)	0.040	0.040	0.040	0.040	0.040	0.040	0.041	0.041	0.040	0.017～0.049
11	Saitama(Saitama)	0.061	0.062	0.062	0.062	0.062	0.062	0.062	0.062	0.061	0.031～0.060
12	Chiba(Ichihara)	0.054	0.054	0.054	0.053	0.053	0.053	0.053	0.053	0.052	0.022～0.044
13	Tokyo(Shinjuku)	0.077	0.077	0.078	0.078	0.078	0.077	0.078	0.078	0.078	0.028～0.079
14	Kanagawa(Chigasaki)	0.057	0.057	0.057	0.057	0.057	0.057	0.057	0.057	0.056	0.035～0.069
15	Niigata(Niigata)	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.031～0.153
16	Toyama(Imizu)	0.049	0.049	0.049	0.049	0.049	0.050	0.049	0.049	0.049	0.029～0.147
17	Ishikawa(Kanazawa)	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.0291～0.1275
18	Fukui(Fukui)	0.046	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.046	0.032～0.097
19	Yamanashi(Kohu)	0.044	0.044	0.044	0.044	0.045	0.046	0.046	0.046	0.045	0.040～0.066
20	Nagano(Nagano)	0.044	0.044	0.044	0.045	0.045	0.045	0.045	0.045	0.045	0.0299～0.0974
21	Gifu(Kakamigahara)	0.062	0.062	0.062	0.063	0.063	0.063	0.063	0.063	0.062	0.057～0.110
22	Shizuoka(Shizuoka)	0.039	0.039	0.039	0.039	0.039	0.038	0.039	0.040	0.040	0.0281～0.0765
23	Aichi(Nagoya)	0.040	0.041	0.041	0.041	0.042	0.042	0.042	0.042	0.042	0.035～0.074
24	Mie(Yokkaichi)	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.048	0.047	0.0416～0.0789
25	Shiga(Otsu)	0.033	0.033	0.033	0.035	0.035	0.035	0.036	0.035	0.035	0.031～0.061
26	Kyoto(Kyoto)	0.039	0.039	0.039	0.039	0.040	0.040	0.040	0.040	0.039	0.033～0.087
27	Osaka(Osaka)	0.042	0.042	0.043	0.043	0.044	0.043	0.043	0.043	0.043	0.042～0.061
28	Hyogo(Kobe)	0.037	0.037	0.036	0.037	0.037	0.037	0.037	0.037	0.036	0.035～0.076
29	Nara(Nara)	0.049	0.049	0.049	0.050	0.050	0.050	0.050	0.050	0.049	0.046～0.080
30	Wakayama(Wakayama)	0.031	0.031	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.031～0.056
31	Tottori(Tohhaku)	0.064	0.064	0.064	0.064	0.064	0.063	0.063	0.063	0.063	0.036～0.110
32	Shimane(Matsue)	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.037～0.131
33	Okayama(Okayama)	0.051	0.051	0.051	0.052	0.052	0.052	0.052	0.052	0.052	0.043～0.104
34	Hiroshima(Hiroshima)	0.046	0.047	0.047	0.046	0.047	0.048	0.047	0.048	0.054	0.035～0.069
35	Yamaguchi(Yamaguchi)	0.095	0.096	0.096	0.096	0.097	0.097	0.100	0.098	0.097	0.084～0.128
36	Tokushima(Tokushima)	0.038	0.039	0.039	0.039	0.040	0.039	0.039	0.039	0.039	0.037～0.067
37	Kagawa(Takamastu)	0.062	0.063	0.062	0.061	0.061	0.061	0.060	0.056	0.055	0.051～0.077
38	Ehime(Matsuyama)	0.049	0.049	0.049	0.049	0.049	0.049	0.049	0.048	0.047	0.045～0.074
39	Kochi(Kochi)	0.026	0.026	0.026	0.026	0.026	0.027	0.027	0.026	0.026	0.019～0.054
40	Fukuoka(Dazaifu)	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.034～0.079
41	Saga(Saga)	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.041	0.037～0.086
42	Nagasaki(Ohmura)	0.028	0.028	0.028	0.028	0.028	0.028	0.029	0.031	0.030	0.027～0.069
43	Kumamoto(Uto)	0.027	0.027	0.027	0.027	0.028	0.028	0.027	0.029	0.029	0.021～0.067
44	Oita(Oita)	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.048～0.085
45	Miyazaki(Miyazaki)	0.026	0.026	0.026	0.026	0.027	0.028	0.027	0.027	0.029	0.0243～0.0664
46	Kagoshima(Kagoshima)	0.035	0.035	0.035	0.037	0.036	0.035	0.040	0.042	0.040	0.0306～0.0943
47	Okinawa(Uruma)	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.0133～0.0575

*Figures for Miyagi Prefecture are measured by transportable monitoring post.
Moreover, the value of the fixed mount type monitoring post set up in Sendai City is described about the range of the value ordinary of the past.
*In Fukushima Prefecture, the monitoring post in Futaba-gun is located at an evacuated area, since it is difficult to measure, figures were measured in Momijiyama (Fukushima City) as an alternative.
* In Shimane Prefecture, readings are measured by alternative machine from 5pm on April 4 because of setting up the equipment.
*These figures are estimated as 1 μGy/h=1 μSv/h.
*The table was made by MEXT, based on the reports from prefectures.
*Usual value band means a range of the maximum and minimum value observed before the earthquake.
*The data, usual value band of Gunma Pref.,Yamanashi Pref. and Kouchi Pref., are corrected from theversion released on April 9 19:00.

Monitoring data at Ibaraki prefecture (1／1)

MEXT

2011/4/15 13:00

μSv/h

Date	JAEA nuclear science research institute (Tokai-village in Ibaraki-prefecture)	JAEA Nuclear fuel cycle engineering laboratory (Tokai-village in Ibaraki-prefecture)	Yayoi in Tokyo University (Tokai-village in Ibaraki-prefecture)
4/14			
0:00	1.06	0.57	1.05
1:00	1.05	0.57	0.91
2:00	1.06	0.57	0.95
3:00	1.06	0.57	0.96
4:00	1.06	0.57	0.94
5:00	1.06	0.57	0.94
6:00	1.05	0.56	0.93
7:00	1.05	0.56	0.90
8:00	1.06	0.57	0.89
9:00	1.05	0.56	0.95
10:00	1.05	0.56	0.91
11:00	1.04	0.56	0.96
12:00	1.04	0.56	0.91
13:00	1.04	0.57	0.91
14:00	1.04	0.56	0.91
15:00	1.04	0.56	0.89
16:00	1.04	0.56	0.94
17:00	1.04	0.56	0.97
18:00	1.04	0.56	0.90
19:00	1.04	0.56	0.95
20:00	1.04	0.56	0.91
21:00	1.04	0.56	0.85
22:00	1.05	0.56	0.93
23:00	1.05	0.56	0.89
4/15			
0:00	1.05	0.56	0.88
1:00	1.05	0.56	0.89
2:00	1.04	0.56	0.95
3:00	1.04	0.56	0.92
4:00	1.05	0.56	0.93
5:00	1.05	0.56	0.92
6:00	1.04	0.56	0.92
7:00	1.04	0.56	0.91
8:00	1.04	0.56	0.92
9:00	1.04	0.55	0.88
10:00	1.03	0.55	
11:00	1.03	0.56	
12:00	1.04	0.56	

※The readings are measured once every hour from March 24th.
The readings of JAEA nuclear science research institute and JAEA Nuclear fuel cycle engineering laboratory are also put on their websites in below.

JAEA nuclear science research institute
http://erms.jaea.go.jp/Chart.htm
JAEA Nuclear fuel cycle engineering laboratory
http://www.jaea.go.jp/04/ztokai/kankyo/realtime/tbl_10mStPo01.html

Readings of radioactivity level in drinking water by prefecture
(be collected in April 14, 2011)

2011.4.15 13:00 (Bq/kg)

	Prefecture (City)	Drinking Water				
		I−131		Cs−134,Cs−137		Remarks
1	Hokkaido(Sapporo City)	Not Detectable		Not Detectable		
2	Aomori(Aomori City)	Not Detectable		Not Detectable		
3	Iwate(Morioka City)	Not Detectable		Not Detectable		
4	Miyagi	-		-		*Refer to the website of Miyagi Pref (http://www.pref.miyagi.jp/gentai/Press/PressH230315.html) http://www.pref.miyagi.jp/gentai/Press/PressH230315.html)
5	Akita(Akita City)	Not Detectable		Not Detectable		
6	Yamagata(Yamagata City)	Not Detectable		Not Detectable		
7	Fukushima	-		-		*Refer to the website of Fukushima Pref (http://www.pref.fukushima.jp/j/index.htm)
8	Ibaraki(Hitachinaka City)	0.52	(Under the reference value)	Not Detectable		
9	Tochigi(Utsunomiya City)	1.2	(Under the reference value)	Not Detectable		
10	Gunma(Maebashi City)	0.49	(Under the reference value)	0.11	(Under the reference value)	
11	Saitama(Saitama City)	0.33	(Under the reference value)	0.24	(Under the reference value)	
12	Chiba(Ichihara City)	Not Detectable		0.18	(Under the reference value)	
13	Tokyo(Shinjuku Ward)	0.41	(Under the reference value)	Not Detectable		
14	Kanagawa(Chigasaki City)	Not Detectable		Not Detectable		
15	Niigata(Niigata City)	0.14	(Under the reference value)	Not Detectable		
16	Toyama(Imizu City)	Not Detectable		Not Detectable		
17	Ishikawa(Kanazawa City)	Not Detectable		Not Detectable		
18	Fukui(Fukui City)	Not Detectable		Not Detectable		
19	Yamanashi(Kofu City)	Not Detectable		Not Detectable		
20	Nagano(Nagano City)	Not Detectable		Not Detectable		
21	Gifu(Kakamigahara City)	Not Detectable		Not Detectable		
22	Shizuoka(Shizuoka City)	Not Detectable		Not Detectable		
23	Aichi(Nagoya City)	Not Detectable		Not Detectable		
24	Mie(Yokkaichi City)	Not Detectable		Not Detectable		
25	Shiga(Otsu City)	Not Detectable		Not Detectable		
26	Kyoto(Kyoto City)	Not Detectable		Not Detectable		
27	Osaka(Osaka City)	Not Detectable		Not Detectable		
28	Hyogo(Kobe City)	Not Detectable		Not Detectable		
29	Nara(Nara City)	Not Detectable		Not Detectable		
30	Wakayama(Wakayama City)	Not Detectable		Not Detectable		
31	Tottori(Tohaku District)	Not Detectable		Not Detectable		
32	Shimane(Matsue City)	Not Detectable		Not Detectable		
33	Okayama(Okayama City)	Not Detectable		Not Detectable		
34	Hiroshima(Hiroshima City)	Not Detectable		Not Detectable		
35	Yamaguchi(Ube City)	Not Detectable		Not Detectable		
36	Tokushima(Tokushima City)	Not Detectable		Not Detectable		
37	Kagawa(Takamatsu City)	Not Detectable		Not Detectable		
38	Ehime(Yawatahama City)	Not Detectable		Not Detectable		
39	Kochi(Kochi City)	Not Detectable		Not Detectable		
40	Fukuoka(Dazaifu City)	Not Detectable		Not Detectable		
41	Saga(Saga City)	Not Detectable		Not Detectable		
42	Nagasaki(Omura City)	Not Detectable		Not Detectable		
43	Kumamoto(Uto City)	Not Detectable		Not Detectable		
44	Oita(Oita City)	Not Detectable		Not Detectable		
45	Miyazaki(Miyazaki City)	Not Detectable		Not Detectable		
46	Kagoshima(Kagoshima City)	Not Detectable		Not Detectable		
47	Okinawa(Naha City)	Not Detectable		Not Detectable		

*These figures are estimated as 1Bq/liter = 1Bq/kg.
*The table was made by MEXT, based on the reports from prefectures.
*"Emergency Preparedness for Nuclear Facilities(The Nuclear Safety Commission of Japan)", The index of drinking water based on the indicator about the restriction of food intake, I−131:More than 300Bq/kg, Cs−137:More than 200Bq/kg

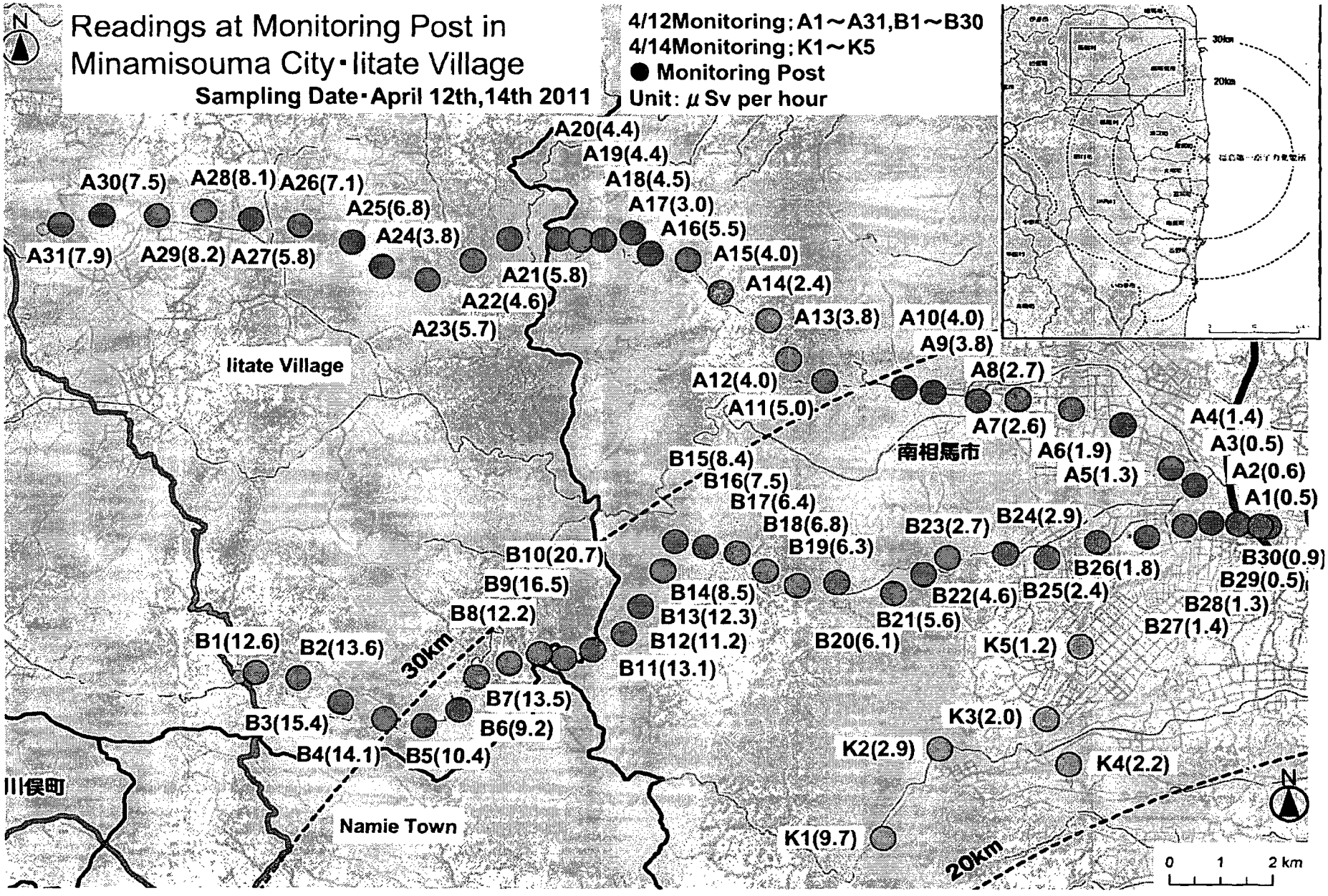
Readings at Monitoring car in Minami Soma city (Sampling Date: April 14th, 2011)

As of 13:00 April 15, 2011
Ministry of Education, Culture, Sports, Science and Technology (MEXT)

○Monitoring Outputs by MEXT

＊1 measured by Geiger-Müller counter
＊2 measured by ionization chamber type survey meter
＊3 measured by NaI scintillator detector
＊4 variation range of the measuring data in measuring time

Monitoring Post			Monitoring Time	Reading (unit : μ Sv / h)	Weather	Reading by
Monitoring Post	【K1】	Minami Soma city Haramachi ward Baba	2011/4/14 10:48	9.7 ＊2	No Rain	JAEA (Japan Atomic Energy Agency)
Monitoring Post	【K2】	Minami Soma city Haramachi ward Baba	2011/4/14 11:00	2.9 ＊2	No Rain	JAEA (Japan Atomic Energy Agency)
Monitoring Post	【K3】	Minami Soma city Haramachi ward Baba Hara	2011/4/14 11:14	2.0 ＊2	No Rain	JAEA (Japan Atomic Energy Agency)
Monitoring Post	【K4】	Minami Soma city Haramachi ward Katakura Unehara	2011/4/14 11:26	2.2 ＊2	No Rain	JAEA (Japan Atomic Energy Agency)
Monitoring Post	【K5】	Minami Soma city Haramachi ward Baba Shimoarai	2011/4/14 11:39	1.2 ＊2	No Rain	JAEA (Japan Atomic Energy Agency)


Readings at Monitoring Post in
Minamisouma City・Iitate Village
Sampling Date・April 12th,14th 2011
4/12Monitoring:A1～A31,B1～B30
4/14Monitoring:K1～K5
Monitoring Post
Unit: μSv per hour
A20(4.4)
A19(4.4)
A18(4.5)
A17(3.0)
A16(5.5)
A15(4.0)
A14(2.4)
A13(3.8)
A10(4.0)
A9(3.8)
A8(2.7)
A7(2.6)
A6(1.9)
A5(1.3)
A4(1.4)
A3(0.5)
A2(0.6)
A1(0.5)
A30(7.5)
A28(8.1)
A26(7.1)
A25(6.8)
A24(3.8)
A21(5.8)
A22(4.6)
A23(5.7)
A31(7.9)
A29(8.2)
A27(5.8)
A12(4.0)
A11(5.0)
Iitate Village
南相馬市
B15(8.4)
B16(7.5)
B17(6.4)
B18(6.8)
B19(6.3)
B10(20.7)
B23(2.7)
B24(2.9)
B26(1.8)
B30(0.9)
B29(0.5)
B28(1.3)
B27(1.4)
B14(8.5)
B13(12.3)
B12(11.2)
B11(13.1)
B22(4.6)
B25(2.4)
B21(5.6)
B20(6.1)
K5(1.2)
B9(16.5)
B8(12.2)
B1(12.6)
B2(13.6)
30km
B7(13.5)
B3(15.4)
B6(9.2)
B4(14.1)
B5(10.4)
K3(2.0)
K2(2.9)
K4(2.2)
川俣町
Namie Town
K1(9.7)
20km
0 1 2 km

News Release

Readings at Monitoring Post out of 20 Km Zone of Fukushima Dai-ichi NPP

As of 16:00 April 15, 2011
Ministry of Education, Culture, Sports, Science and Technology (MEXT)

○Monitoring Outputs by MEXT

*Boldface and underlined readings are new.

*1 measured by Geiger-Müller counter
*2 measured by ionization chamber type survey meter
*3 measured by NaI scintillator detector
*4 variation range of the measuring data in measuring time

Monitoring Post (length from NPP)		Monitoring Time	Reading (unit : μSv / h)	Weather	Reading by
Reading Point [1]	Fukushima city Sugitsuma town (About60kmNorth/West)	2011/4/15 8:30	1.3 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [2]	Fukushima city Onami Takinoiri (About55kmNorth/West)	2011/4/15 9:02	2.3 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [3]	Date city Ryozen town Ishida Hikohei (About45kmNorth/West)	2011/4/15 10:14	2.4 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [5]	Soma city Nakanoterameo (About45kmNorth)	2011/4/15 11:15	0.1 *2	No Rain	MEXT
Reading Point [6]	Soma city Nakanoterameo (About46kmNorth)	2011/4/15 11:05	0.4 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [8]	Minami Soma city Kashima ward Nishimoshi (About35kmNorth)	2011/4/15 11:30	0.6 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [7]	Minami Soma city Kashima ward Terauchi Motoyashiki (About35kmNorth)	2011/4/15 11:45	0.4 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [10]	Nihonmatsu city Harimichi Nakajima (About40kmNorth/West)	2011/4/15 13:45	0.7 *2	No Rain	MEXT
Reading Point [11]	Nihonmatsu city Ota aza Shimoda (About40kmNorth/West)	2011/4/15 13:37	1.8 *2	No Rain	MEXT
Reading Point [12]	Tamura city Funehiki town Funehiki aza Ozawakawashiro (About40kmWest)	2011/4/15 12:21	0.0 *2	No Rain	MEXT
Reading Point [13]	Tamura city Tokiwa town Nishimuki Yakata (About40kmWest)	2011/4/15 12:01	0.1 *2	No Rain	MEXT
Reading Point [14]	Tamura city Tokiwa town Tokiwa Uchimoshi (About35kmWest)	2011/4/15 11:55	0.1 *2	No Rain	MEXT
Reading Point [15]	Tamura city Tokiwa town Yamane Kashima (About35kmWest)	2011/4/15 11:37	1.0 *2	No Rain	MEXT
Reading Point [20]	Tamura city Funehiki town Niitate shimo (About45kmNorth/West)	2011/4/15 12:40	0.4 *2	No Rain	MEXT
Reading Point [21]	Futaba county Namie town Tsushima Hirashitate (About30kmWest/North/West)	2011/4/15 12:01	3.1 *2	No Rain	MEXT
Reading Point [22]	Tamura city Funehiki-town Kamiutsushi Uehirota (About35kmWest/North/West)	2011/4/15 12:19	0.3 *2	No Rain	MEXT
Reading Point [23]	Tamura city Funehiki town Niitate Maeyhama (About35kmWest/North/West)	2011/4/15 12:28	0.7 *2	No Rain	MEXT
Reading Point [31]	Futaba county Namie town Tsushima Nakaoki (About30kmWest/North/West)	2011/4/15 10:42	10.5 *2	No Rain	MEXT
Reading Point [32]	Futaba county Namie town Akougi Teshichiro (About30kmNorth/West)	2011/4/15 10:22	22.5 *2	No Rain	MEXT
Reading Point [33]	Soma county Iitate village Nagadoro (About30kmNorth/West)	2011/4/15 10:02	14.5 *2	No Rain	MEXT
Reading Point [34]	Futaba county Namie town Tsushima Takaud (About30kmNorth/West)	2011/4/15 11:18	4.7 *2	No Rain	MEXT
Reading Point [36]	Date county Kawamata town Yamakiya Nagahashi (About40kmNorth/West)	2011/4/15 9:38	3.3 *3	No Rain	MEXT
Reading Point [37]	Date city Ryozen town Ishida Hojizawa (About50kmNorth/West)	2011/4/15 10:02	2.9 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [38]	Iwaki City Yotsukura town Shiraiwa Hokita (About35kmSouth)	2011/4/15 13:37	0.8 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [39]	Soma city Yamakami Kaminamiki (About45kmNorth)	2011/4/15 10:42	0.5 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [71]	Futaba county Hirono town Shimokitaba Nawashirozaa (About25kmSouth)	2011/4/15 8:26	0.8 *2	No Rain	Police (counter NBC operations unit)
Reading Point [72]	Iwaki city Hisanohama town Hisanohama aza Kitasaimeki (About30kmSouth)	2011/4/15 8:32	0.5 *2	No Rain	Police (counter NBC operations unit)
Reading Point [73]	Iwaki city Yotsukura town (About35kmSouth)	2011/4/15 13:53	1.0 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [73]	Iwaki city Yotsukura town (About35kmSouth)	2011/4/15 8:30	1.1 *2	No Rain	Police (counter NBC operations unit)
Reading Point [75]	Iwaki city Uchisoumiyamaya town (About45kmSouth)	2011/4/15 7:00	0.1 *2	No Rain	Police (counter NBC operations unit)

*1 measured by Geiger-Müller counter
*2 measured by ionization chamber type survey meter
*3 measured by NaI scintillator detector
*4 variation range of the measuring data in measuring time

Monitoring Post (length from NPP)		Monitoring Time	Reading (unit : μSv / h)	Weather	Reading by
Reading Point [78]	Futaba county Kawauchi village Kamikawauchi Hayawata (About20kmSouth/West)	2011/4/15 10:48	0.1 *2	No Rain	MEXT
Reading Point [79]	Futaba county Namie town shimotsushima kayabuke (About30kmNorth/West)	2011/4/15 10:58	10.9 *2	No Rain	MEXT
Reading Point [80]	Minami Soma city Haramachi ward Takami town (About25kmNorth)	2011/4/15 12:36	0.2 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [80]	Minami Soma city Haramachi ward Takami town (About25kmNorth)	2011/4/15 8:30	0.2 *2	No Rain	Police (counter NBC operations unit)
Reading Point [84]	Iwaki city Miawa-town Saiso (About40kmSouth/West)	2011/4/15 10:09	0.2 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [85]	Fukushimashi Arai Harajiku (About60kmNorth/West)	2011/4/15 6:00	0.2 *2	No Rain	Ministry of Defense
Reading Point [86]	Koriyamashi Ootsuki town Choemonbayashi (About55kmWest)	2011/4/15 6:00	1.1 *2	No Rain	Ministry of Defense
Reading Point [87]	Futaba county Kawauchi village Kamikawauchi Hananouchi (About30kmWest/South/West)	2011/4/15 6:00	1.3 *2	No Rain	Ministry of Defense
Reading Point [101]	Date city Ryozen town Oishi aza Minowa (About55kmNorth/West)	2011/4/15 9:28	1.0 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [103]	Minami Soma city Haramachi ward taka aza Mamezarauchi (About20kmNorth)	2011/4/15 13:07	0.8 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [104]	Futaba county Katsurao village Oaza Ochiai aza Ochiai (About25kmWest/North/West)	2011/4/15 11:38	1.5 *2	No Rain	MEXT
Reading Point [106]	Iwaki city Kawamae town Ojiroi aza Syokangoya (About30kmSouth/West)	2011/4/14 10:21	0.8 *2	No Rain	MEXT
Reading Point [107]	Minami Soma city Haramachi ward Baba aza Nakouchi (About25kmNorth/North/West)	2011/4/15 13:33	2.3 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [108]	Minami Soma city Haramachi ward Ohara Daibata (About30kmNorth/North/West)	2011/4/15 13:54	2.6 *2	No Rain	JAEA (Japan Atomic Energy Agency)

News Release

Readings at Monitoring Post out of 20 Km Zone of Fukushima Dai-ichi NPP

As of 19:00 April 15, 2011
Ministry of Education, Culture, Sports, Science and Technology (MEXT)

○Monitoring Outputs by MEXT　　*Boldface and underlined readings are new.

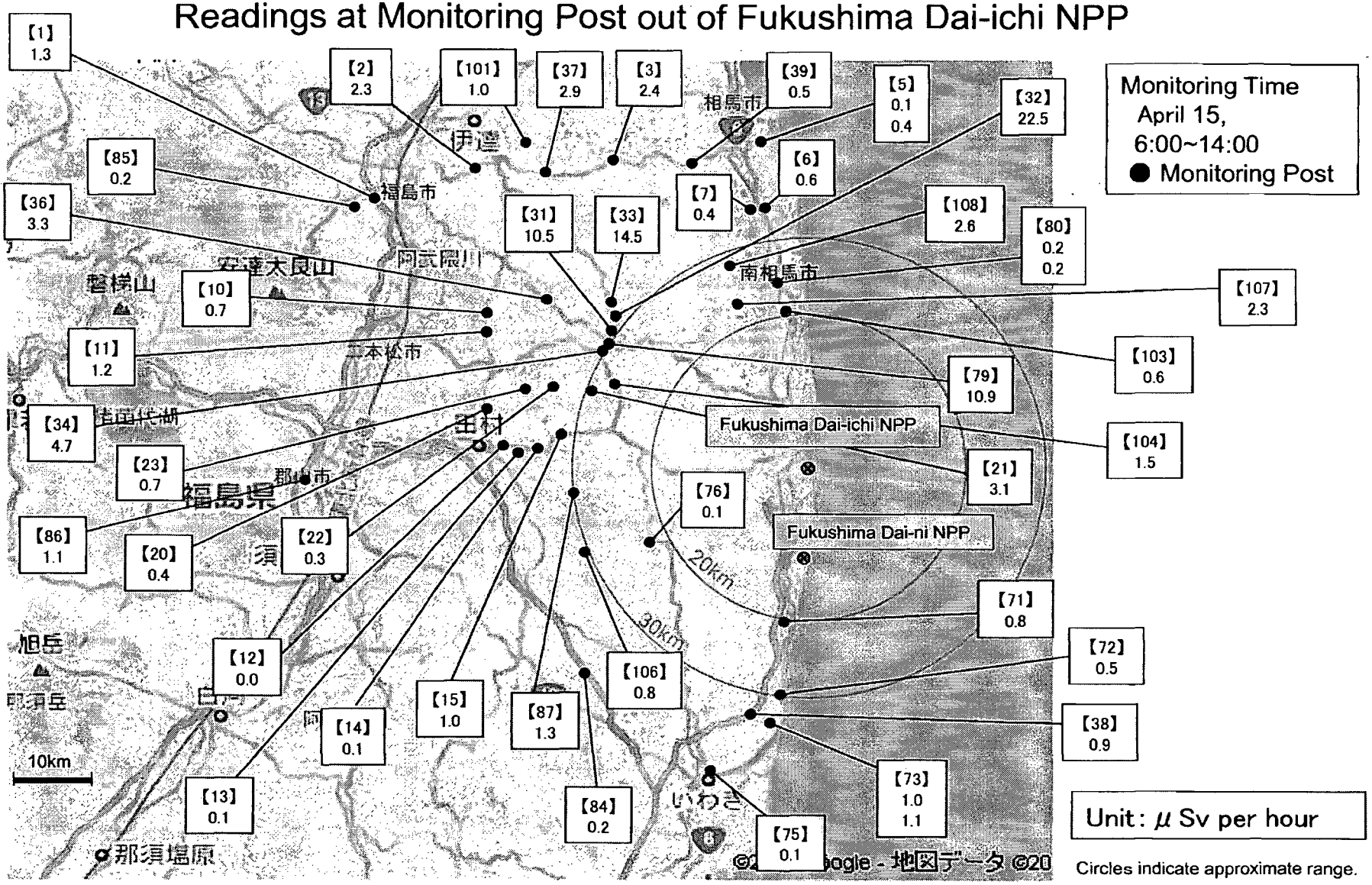
*1 measured by Geiger-Müller counter
*2 measured by ionization chamber type survey meter
*3 measured by NaI scintillator detector
*4 variation range of the measuring data in measuring time

Monitoring Post (length from NPP)		Monitoring Time	Reading (unit : μSv / h)	測定位置	測定位置の備考	Weather	Reading by
Reading Point 【1】	Fukushima city Sugitsuma town (About60kmNorth/West)	2011/4/15 8:30	1.3 *2	N: 37° ou' 12.6" E: 140° 28' 02.9"	20110330 確認	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【2】	Fukushima city Onami Tenjoiri (About55kmNorth/West)	2011/4/15 9:02	2.3 *2	N: 37° 41' 12.7" E: 140° 33' 29.3"	20110330 確認	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【3】	Date city Ryozen town Ishida Hikohei (About45kmNorth/West)	2011/4/15 10:14	2.4 *2	N: 37° 45' 40.5" E: 140° 44' 19.9"	20110330 確認	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【5】	Soma city Nakanoteramae (About45kmNorth)	2011/4/15 11:15	0.1 *2	N: 37° 47' 17.4" E: 140° 55' 59.1"	20110330 確認	No Rain	MEXT
Reading Point 【5】	Soma city Nakanoteramae (About45kmNorth)	2011/4/15 11:05	0.4 *2	N: 37° 47' 17.4" E: 140° 55' 59.1"	20110330 確認	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【6】	Minami Soma city Kashima ward Nishimachi (About35kmNorth)	2011/4/15 11:30	0.6 *2	N: 37° 42' 09.5" E: 140° 58' 04.6"	20110330 確認	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【7】	Minami Soma city Kashima ward Terauchi Motoyashiki (About35kmNorth)	2011/4/15 11:45	0.4 *2	N: 37° 41' 49.0" E: 140° 57' 57.7"	20110330 確認	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【10】	Nihonmatsu city Harimichi Nakajima (About40kmNorth/West)	2011/4/15 13:45	0.7 *2	N: 37° 36' 02.9" E: 140° 35' 07.3"	20110403 確認	No Rain	MEXT
Reading Point 【11】	Nihonmatsu city Ota aza Shimoda (About40kmNorth/West)	2011/4/15 13:37	1.2 *2	N: 37° 34' 00.0" E: 140° 34' 48.0"	20110330 確認	No Rain	MEXT
Reading Point 【12】	Tamura city Funehiki town Funehiki aza Ozawakawashiro (About40kmWest)	2011/4/15 12:21	0.0 *2	N: 37° 25' 53.6" E: 140° 35' 44.2"	20110330 確認	No Rain	MEXT
Reading Point 【13】	Tamura city Tokiwa town Nishimuki Yakata (About40kmWest)	2011/4/15 12:01	0.1 *2	N: 37° 26' 21.5" E: 140° 37' 20.7"	20110330 確認	No Rain	MEXT
Reading Point 【14】	Tamura city Tokiwa town Tokiwa Uchimachi (About35kmWest)	2011/4/15 11:55	0.1 *2	N: 37° 26' 09.4" E: 140° 38' 49.5"	20110330 確認	No Rain	MEXT
Reading Point 【15】	Tamura city Tokiwa town Yamane Kashima (About35kmWest)	2011/4/15 11:37	1.0 *2	N: 37° 26' 54.0" E: 140° 40' 53.2"	20110330 確認	No Rain	MEXT
Reading Point 【20】	Tamura city Funehiki town Nitate shimo (About45kmNorth/West)	2011/4/15 12:40	0.4 *2	N: 37° 29' 24.2" E: 140° 34' 54.2"	20110330 確認	No Rain	MEXT
Reading Point 【21】	Futaba county Namie town Tsushima Higashitate (About30kmWest/North/West)	2011/4/15 12:01	3.1 *2	N: 37° 30' 28.7" E: 140° 42' 08.7"	20110330 確認	No Rain	MEXT
Reading Point 【22】	Tamura city Funehiki-town Kamiotsuki Uehirota (About35kmWest/North/West)	2011/4/15 12:19	0.3 *2	N: 37° 30' 41.3" E: 140° 39' 28.8"	20110330 確認	No Rain	MEXT
Reading Point 【23】	Tamura city Funehiki town Nitate Maganiyama (About35kmWest/North/West)	2011/4/15 12:28	0.7 *2	N: 37° 30' 18.9" E: 140° 34' 40.6"	20110330 確認	No Rain	MEXT
Reading Point 【31】	Futaba county Namie town Tsushima Nakaoki (About30kmWest/North/West)	2011/4/15 10:42	10.5 *2	N: 37° 33' 45.0" E: 140° 44' 49.9"	20110330 確認	No Rain	MEXT
Reading Point 【32】	Futaba county Namie town Akougi Teshichiro (About20kmNorth/West)	2011/4/15 10:22	22.5 *2	N: 37° 35' 42.0" E: 140° 45' 14.5"	20110330 確認	No Rain	MEXT
Reading Point 【33】	Soma county Iitate village Nagadoro (About30kmNorth/West)	2011/4/15 10:02	14.5 *2	N: 37° 36' 34.6" E: 140° 45' 09.1"	20110330 確認	No Rain	MEXT
Reading Point 【34】	Futaba county Namie town Tsushima Takoup (About30kmNorth/West)	2011/4/15 11:18	4.7 *2	N: 37° 33' 03.2" E: 140° 44' 25.0"	20110330 確認	No Rain	MEXT
Reading Point 【36】	Date county Kawamata town Yamakiya Nagahashi (About40kmNorth/West)	2011/4/15 9:38	3.3 *2	N: 37° 36' 20.6" E: 140° 37' 58.9"	20110331 確認	No Rain	MEXT
Reading Point 【37】	Date city Ryozen town Ishida Hojizawa (About50kmNorth/West)	2011/4/15 10:02	2.9 *2	N: 37° 45' 06.7" E: 140° 41' 29.2"	20110402 確認	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【38】	Iwaki City Yotsukura town Shireiwa Hokita (About35kmSouth)	2011/4/15 13:37	0.9 *2	N: 37° 07' 18.4" E: 140° 57' 03.8"	20110401 確認	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【39】	Soma city Yamakami Kaminamiki (About45kmNorth)	2011/4/15 10:42	0.5 *2	N: 37° 45' 52.7" E: 140° 51' 47.1"	20110402 確認	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【71】	Futaba county Hirono town Shimokitaba Newshirogae (About25kmSouth)	2011/4/15 14:18	1.2 *2	N: 37° 12' 32.4" E: 140° 57' 08.2"	20110323 確認	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【71】	Futaba county Hirono town Shimokitaba Newshirogae (About25kmSouth)	2011/4/15 8:26	0.8 *2	N: 37° 12' 32.4" E: 140° 57' 08.2"	20110323 確認	No Rain	Police (counter NBC operations unit)
Reading Point 【72】	Iwaki city Hisanohama town Hisanohama aza Kitaramaki (About30kmSouth)	2011/4/15 14:02	0.4 *2			No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【72】	Iwaki city Hisanohama town Hisanohama aza Kitaramaki (About30kmSouth)	2011/4/15 8:32	0.5 *2			No Rain	Police (counter NBC operations unit)
Reading Point 【73】	Iwaki city Yotsukura town (About35kmSouth)	2011/4/15 13:53	1.0 *2			No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【73】	Iwaki city Yotsukura town (About35kmSouth)	2011/4/15 9:30	1.1 *2			No Rain	Police (counter NBC operations unit)
Reading Point 【75】	Iwaki city Uchigoumiyamaya town (About45kmSouth)	2011/4/15 7:00	0.1 *2			No Rain	Police (counter NBC operations unit)
Reading Point 【76】	Futaba county Kawauchi village Kamikawauchi Hayawata (About20kmSouth/West)	2011/4/15 10:48	0.1 *2	N: 37° 20' 25.3" E: 140° 48' 25.7"	20110402 確認	No Rain	MEXT
Reading Point 【78】	Futaba county Namie town shimotsushima kayabuka (About30kmNorth/West)	2011/4/15 10:58	10.9 *2	N: 37° 33' 03.2" E: 140° 44' 25.0"	20110330 確認	No Rain	MEXT
Reading Point 【80】	Minami Soma city Haramachi ward Takami town (About25kmNorth)	2011/4/15 12:36	0.2 *2	N: 37° 33' 22.2" E: 140° 45' 46.9"	20110323 確認	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【80】	Minami Soma city Haramachi ward Takami town (About25kmNorth)	2011/4/15 8:30	0.2 *2			No Rain	Police (counter NBC operations unit)
Reading Point 【84】	Iwaki city Miwa-town Sanso (About40kmSouth/West)	2011/4/15 10:09	0.2 *2	N: 37° 33' 03.2" E: 140° 44' 25.0"	20110330 確認	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【85】	Fukushimashi Arai Hanaiku (About60kmNorth/West)	2011/4/15 14:00	0.5 *2	N: 37° 42' 45.0" E: 140° 22' 59.0"	20110330 確認	No Rain	Ministry of Defense

＊1 measured by Geiger-Müller counter
＊2 measured by ionization chamber type survey meter
＊3 measured by NaI scintillator detector
＊4 variation range of the measuring data in measuring time

Monitoring Post (length from NPP)		Monitoring Time	Reading (unit : μSv / h)	測定位置		測定位置の備考	Weather	Reading by
Reading Point 【85】	Fukushimashi Arai Hanjiku (About60kmNorth/West)	2011/4/15 8:00	0.2 ＊2	N: 37° 42′ 45.0″ E: 140° 22′ 59.0″	20110330 確認	No Rain	Ministry of Defense
Reading Point 【86】	Koriyamashi Ootauki town Choemonbayashi (About53kmWest)	2011/4/15 14:00	1.0 ＊2	N: 37° 23′ 57.0″ E: 140° 19′ 35.0″	20110330 確認	No Rain	Ministry of Defense
Reading Point 【86】	Koriyamashi Ootauki town Choemonbayashi (About53kmWest)	2011/4/15 8:00	1.1 ＊2	N: 37° 23′ 57.0″ E: 140° 19′ 35.0″	20110330 確認	No Rain	Ministry of Defense
Reading Point 【87】	Futaba county Kawauchi village Kamikawauchi Hanamouchi (About30kmWest/South/West)	2011/4/15 14:00	1.0 ＊2	N: 37° 23′ 57.0″ E: 140° 19′ 35.0″	20110330 確認	No Rain	Ministry of Defense
Reading Point 【87】	Futaba county Kawauchi village Kamikawauchi Hanamouchi (About30kmWest/South/West)	2011/4/15 6:00	1.3 ＊2	N: 37° 21′ 42.0″ E: 140° 42′ 54.0″	20110330 確認	No Rain	Ministry of Defense
Reading Point 【88】	Fukushima city Hikarisaoka (About65kmWest/North/West)	2011/4/14 17:00	1.8 ＊2	N: 37° 41′ 24.2″ E: 140° 28′ 17.4″	201100404 確認	No Rain	Ministry of Defense
Reading Point 【89】	Koriyama city Toyota town (About60kmWest)	2011/4/14 17:00	2.4 ＊2	N: 37° 23′ 48.0″ E: 140° 21′ 50.7″	20110404 確認	No Rain	Ministry of Defense
Reading Point 【101】	Date city Ryozan town Oishi aza Minowa (About55kmNorth/West)	2011/4/15 9:28	1.0 ＊2	N: 37° 23′ 48.0″ E: 140° 21′ 50.7″	20110404 確認	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【102】	Date city Tsukidate town Tsukidate aza Machi (About50kmNorth/West)	2011/4/15 15:00	1.3 ＊2	N: 37° 23′ 48.0″ E: 140° 21′ 50.7″	20110404 確認	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【103】	Minami Soma city Haramachi ward Iaka aza Memegaeuchi (About20kmNorth)	2011/4/15 13:07	0.6 ＊2	N: 37° 23′ 48.0″ E: 140° 21′ 50.7″	20110404 確認	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【104】	Futaba county Katsurao village Oaza Ochai aza Ochai (About25kmWest/North/West)	2011/4/15 11:38	1.5 ＊2	N: 37° 23′ 48.0″ E: 140° 21′ 50.7″	20110404 確認	No Rain	MEXT
Reading Point 【106】	Iwaki city Kawamae town Ojiroi aza Syokangoya (About30kmSouth/West)	2011/4/15 10:21	0.8 ＊2	N: 37° 23′ 48.0″ E: 140° 21′ 50.7″	20110404 確認	No Rain	MEXT
Reading Point 【107】	Minami Soma city Haramachi ward Babe aza Nakauchi (About25kmNorth/North/West)	2011/4/15 13:33	2.3 ＊2	N: 37° 23′ 48.0″ E: 140° 21′ 50.7″	20110404 確認	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【108】	Minami Soma city Haramachi ward Ohara Daihata (About30kmNorth/North/West)	2011/4/15 13:54	2.6 ＊2	N: 37° 23′ 48.0″ E: 140° 21′ 50.7″	20110404 確認	No Rain	JAEA (Japan Atomic Energy Agency)

Readings at Monitoring Post out of Fukushima Dai-ichi NPP



Circles indicate approximate range.

News Release

Readings at Monitoring Post out of 20 Km Zone of Fukushima Dai-ichi NPP

As of 19:00 April 15, 2011
Ministry of Education, Culture, Sports, Science and Technology (MEXT)

○Monitoring Outputs by MEXT　　*Boldface and underlined readings are new.

*1 measured by Geiger-Müller counter
*2 measured by ionization chamber type survey meter
*3 measured by NaI scintillator detector
*4 variation range of the measuring data in measuring time

Monitoring Post (length from NPP)		Monitoring Time	Reading (unit : μSv / h)	Weather	Reading by
Reading Point 【1】	Fukushima city Sugitsuma town (About60kmNorth/West)	2011/4/15 8:30	1.3 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【2】	Fukushima city Onami Takinoiri (About55kmNorth/West)	2011/4/15 9:02	2.3 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【3】	Date city Ryozen town Ishide Hikohei (About45kmNorth/West)	2011/4/15 10:14	2.4 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【5】	Soma city Nakanoteramae (About45kmNorth)	2011/4/15 11:15	0.1 *2	No Rain	MEXT
Reading Point 【5】	Soma city Nakanotersmae (About45kmNorth)	2011/4/15 11:05	0.4 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【6】	Minami Soma city Kashima ward Nishimachi (About35kmNorth)	2011/4/15 11:30	0.6 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【7】	Minami Soma city Kashima ward Terauchi Motoyashiki (About35kmNorth)	2011/4/15 11:45	0.4 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【10】	Nihonmatsu city Harimichi Nakajima (About40kmNorth/West)	2011/4/15 13:45	0.7 *2	No Rain	MEXT
Reading Point 【11】	Nihonmatsu city Ota aza Shimoda (About40kmNorth/West)	2011/4/15 13:37	1.2 *2	No Rain	MEXT
Reading Point 【12】	Tamura city Funehiki town Funehiki aza Ozawakawashiro (About40kmWest)	2011/4/15 12:21	0.0 *2	No Rain	MEXT
Reading Point 【13】	Tamura city Tokiwa town Nishimuki Yokata (About40kmWest)	2011/4/15 12:01	0.1 *2	No Rain	MEXT
Reading Point 【14】	Tamura city Tokiwa town Tokiwa Uchimachi (About35kmWest)	2011/4/15 11:55	0.1 *2	No Rain	MEXT
Reading Point 【15】	Tamura city Tokiwa town Yamane Kashima (About35kmWest)	2011/4/15 11:37	1.0 *2	No Rain	MEXT
Reading Point 【20】	Tamura city Funehiki town Niitate shimo (About45kmNorth/West)	2011/4/15 12:40	0.4 *2	No Rain	MEXT
Reading Point 【21】	Futaba county Namie town Tsushima Higashitate (About30kmWest/North/West)	2011/4/15 12:01	3.1 *2	No Rain	MEXT
Reading Point 【22】	Tamura city Funehiki-town Kamiutsushi Ushirota (About35kmWest/North/West)	2011/4/15 12:19	0.3 *2	No Rain	MEXT
Reading Point 【23】	Tamura city Funehiki town Niitate Magariyama (About35kmWest/North/West)	2011/4/15 12:28	0.7 *2	No Rain	MEXT
Reading Point 【31】	Futaba county Namie town Tsushima Nakaoki (About30kmWest/North/West)	2011/4/15 10:42	10.5 *2	No Rain	MEXT
Reading Point 【32】	Futaba county Namie town Akougi Toshichiro (About30kmNorth/West)	2011/4/15 10:22	22.5 *2	No Rain	MEXT
Reading Point 【33】	Soma county Iitate village Nagadoro (About30kmNorth/West)	2011/4/15 10:02	14.5 *2	No Rain	MEXT
Reading Point 【34】	Futaba county Namie town Tsushima Taikougi (About30kmNorth/West)	2011/4/15 11:18	4.7 *2	No Rain	MEXT
Reading Point 【36】	Date county Kawamata town Yamakiya Nagahashi (About40kmNorth/West)	2011/4/15 9:38	3.3 *2	No Rain	MEXT
Reading Point 【37】	Date city Ryozen town Ishide Hojizawa (About50kmNorth/West)	2011/4/15 10:02	2.9 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【38】	Iwaki City Yotsukura town Shirasiwa Hokita (About35kmSouth)	2011/4/15 13:37	0.9 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【39】	Soma city Yamakami Kaminamiki (About45kmNorth)	2011/4/15 10:42	0.5 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【71】	**Futaba county Hirono town Shimokitaba Nawashirogae (About25kmSouth)**	**2011/4/15 14:16**	**1.2 *2**	**No Rain**	**JAEA (Japan Atomic Energy Agency)**
Reading Point 【71】	Futaba county Hirono town Shimokitaba Nawashirogae (About25kmSouth)	2011/4/15 8:26	0.8 *2	No Rain	Police (counter NBC operations unit)
Reading Point 【72】	**Iwaki city Hisanohama town Hisanohama aza Kitaeramaki (About30kmSouth)**	**2011/4/15 14:02**	**0.4 *2**	**No Rain**	**JAEA (Japan Atomic Energy Agency)**
Reading Point 【72】	Iwaki city Hisanohama town Hisanohama aza Kitaeramaki (About30kmSouth)	2011/4/15 8:32	0.5 *2	No Rain	Police (counter NBC operations unit)
Reading Point 【73】	Iwaki city Yotsukura town (About35kmSouth)	2011/4/15 13:53	1.0 *2	No Rain	JAEA (Japan Atomic Energy Agency)

*1 measured by Geiger-Müller counter
*2 measured by ionization chamber type survey meter
*3 measured by NaI scintillator detector
*4 variation range of the measuring data in measuring time

Monitoring Post (length from NPP)		Monitoring Time	Reading (unit : μSv / h)	Weather	Reading by
Reading Point 【73】	Iwaki city Yotsukura town (About35kmSouth)	2011/4/15 9:30	1.1 *2	No Rain	Police (counter NBC operations unit)
Reading Point 【75】	Iwaki city Uchigoumiyamaya town (About45kmSouth)	2011/4/15 7:00	0.1 *2	No Rain	Police (counter NBC operations unit)
Reading Point 【76】	Futaba county Kawauchi village Kamikawauchi Hayawata (About20kmSouth/West)	2011/4/15 10:48	0.1 *2	No Rain	MEXT
Reading Point 【79】	Futaba county Namie town shimotsushima kayabuka (About30kmNorth/West)	2011/4/15 10:58	10.9 *2	No Rain	MEXT
Reading Point 【80】	Minami Soma city Haramachi ward Takami town (About25kmNorth)	2011/4/15 12:36	0.2 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【80】	Minami Soma city Haramachi ward Takami town (About25kmNorth)	2011/4/15 8:30	0.2 *2	No Rain	Police (counter NBC operations unit)
Reading Point 【84】	Iwaki city Miawa-town Saiso (About40kmSouth/West)	2011/4/15 10:09	0.2 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【85】	Fukushimashi Arai Harajiku (About60kmNorth/West)	2011/4/15 14:00	0.5 *2	No Rain	Ministry of Defense
Reading Point 【85】	Fukushimashi Arai Harajiku (About60kmNorth/West)	2011/4/15 6:00	0.2 *2	No Rain	Ministry of Defense
Reading Point 【86】	Koriyamashi Ootsuki town Choemonbayashi (About55kmWest)	2011/4/15 14:00	1.0 *2	No Rain	Ministry of Defense
Reading Point 【86】	Koriyamashi Ootsuki town Choemonbayashi (About55kmWest)	2011/4/15 6:00	1.1 *2	No Rain	Ministry of Defense
Reading Point 【87】	Futaba county Kawauchi village Kamikawauchi Hanaouchi (About30kmWest/South/West)	2011/4/15 14:00	1.0 *2	No Rain	Ministry of Defense
Reading Point 【87】	Futaba county Kawauchi village Kamikawauchi Hanaouchi (About30kmWest/South/West)	2011/4/15 6:00	1.3 *2	No Rain	Ministry of Defense
Reading Point 【88】	Fukushima city Hikarizaoka (About55kmWest/North/West)	2011/4/14 17:00	1.8 *2	No Rain	Ministry of Defense
Reading Point 【89】	Koriyama city Tovota town (About50kmWest)	2011/4/14 17:00	2.4 *2	No Rain	Ministry of Defense
Reading Point 【101】	Date city Ryozen town Oishi aza Minowa (About55kmNorth/West)	2011/4/15 9:28	1.0 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【102】	Date city Tsukidate town Tsukidate aza Machi (About50kmNorth/West)	2011/4/15 15:00	1.3 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【103】	Minami Soma city Haramachi ward taka aza Mamegarauchi (About20kmNorth)	2011/4/15 13:07	0.6 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【104】	Futaba county Katsurao village Oaza Ochiai aza Ochiai (About25kmWest/North/West)	2011/4/15 11:38	1.5 *2	No Rain	MEXT
Reading Point 【106】	Iwaki city Kawamae town Ojiroi aza Syokengoya (About30kmSouth/West)	2011/4/15 10:21	0.8 *2	No Rain	MEXT
Reading Point 【107】	Minami Soma city Haramachi ward Baba aza Nakouchi (About25kmNorth/North/West)	2011/4/15 13:33	2.3 *2	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【108】	Minami Soma city Haramachi ward Ohara Daihata (About30kmNorth/North/West)	2011/4/15 13:54	2.6 *2	No Rain	JAEA (Japan Atomic Energy Agency)

News Release

Readings at Monitoring Post out of 20 Km Zone of Fukushima Dai-ichi NPP

As of 16:00 April 15, 2011
Ministry of Education, Culture, Sports, Science and Technology (MEXT)

○Monitoring Outputs by MEXT

*Boldface and underlined readings are new.

*1 measured by Geiger-Müller counter
*2 measured by ionization chamber type survey meter
*3 measured by NaI scintillator detector
*4 variation range of the measuring data in measuring time

Monitoring Post (length from NPP)		Monitoring Time	Reading (unit : μSv / h)	測定位置		測定位置の備考	Weather	Reading by
Reading Point [1]	Fukushima city Sugitsuma town (About60kmNorth/West)	2011/4/15 8:30	1.3 *2	N: 37° 0u' 12.6" E: 140° 28' 02.9"		20110330確認	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [2]	Fukushima city Onami Takinoin (About55kmNorth/West)	2011/4/15 9:02	2.3 *2	N: 37° 41' 12.7" E: 140° 33' 29.3"		20110330確認	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [3]	Date city Ryozen town Ishida Hikohei (About45kmNorth/West)	2011/4/15 10:14	2.4 *2	N: 37° 45' 40.5" E: 140° 44' 19.9"		20110330確認	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [5]	Soma city Nakanotesmae (About45kmNorth)	2011/4/15 11:15	0.1 *2	N: 37° 47' 17.4" E: 140° 55' 59.1"		20110330確認	No Rain	MEXT
Reading Point [5]	Soma city Nakanotesmae (About45kmNorth)	2011/4/15 11:05	0.4 *2	N: 37° 47' 17.4" E: 140° 55' 59.1"		20110330確認	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [6]	Minami Soma city Kashima ward Nishimachi (About35kmNorth)	2011/4/15 11:30	0.6 *2	N: 37° 42' 09.5" E: 140° 58' 04.8"		20110330確認	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [7]	Minami Soma city Kashima ward Tersuchi Motoyashiki (About35kmNorth)	2011/4/15 11:45	0.4 *2	N: 37° 41' 49.0" E: 140° 57' 57.7"		20110330確認	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [10]	Nihonmatsu city Hachimichi Nakaiima (About40kmNorth/West)	2011/4/15 13:45	0.7 *2	N: 37° 36' 02.9" E: 140° 35' 07.3"		20110403確認	No Rain	MEXT
Reading Point [11]	Nihonmatsu city Ota aza Shimoda (About40kmNorth/West)	2011/4/15 13:37	1.2 *2	N: 37° 34' 00.0" E: 140° 34' 48.0"		20110330確認	No Rain	MEXT
Reading Point [12]	Tamura city Funehiki town Funehiki aza Ozawakawashiro (About40kmWest)	2011/4/15 12:21	0.0 *2	N: 37° 25' 53.6" E: 140° 35' 44.2"		20110330確認	No Rain	MEXT
Reading Point [13]	Tamura city Tokiwa town Nishimuki Yakata (About40kmWest)	2011/4/15 12:01	0.1 *2	N: 37° 28' 21.5" E: 140° 37' 20.7"		20110330確認	No Rain	MEXT
Reading Point [14]	Tamura city Tokiwa town Tokiwa Ushimachi (About35kmWest)	2011/4/15 11:55	0.1 *2	N: 37° 28' 09.4" E: 140° 38' 49.5"		20110330確認	No Rain	MEXT
Reading Point [15]	Tamura city Tokiwa town Yamane Kashima (About35kmWest)	2011/4/15 11:37	1.0 *2	N: 37° 26' 54.0" E: 140° 40' 53.2"		20110330確認	No Rain	MEXT
Reading Point [20]	Tamura city Funehiki town Niitate shimo (About45kmNorth/West)	2011/4/15 12:40	0.4 *2	N: 37° 29' 24.2" E: 140° 34' 54.2"		20110330確認	No Rain	MEXT
Reading Point [21]	Futaba county Namie town Tsushima Hirasshitate (About30kmWest/North/West)	2011/4/15 12:01	3.1 *2	N: 37° 30' 28.7" E: 140° 42' 08.7"		20110330確認	No Rain	MEXT
Reading Point [22]	Tamura city Funehiki-town Kamiotsushi Ushirota (About35kmWest/North/West)	2011/4/15 12:19	0.3 *2	N: 37° 30' 41.3" E: 140° 38' 28.8"		20110330確認	No Rain	MEXT
Reading Point [23]	Tamura city Funehiki town Niitate Nagaiyama (About35kmWest/North/West)	2011/4/15 12:28	0.7 *2	N: 37° 30' 18.8" E: 140° 34' 40.6"		20110330確認	No Rain	MEXT
Reading Point [31]	Futaba county Namie town Tsushima Nakaoki (About30kmWest/North/West)	2011/4/15 10:42	10.5 *2	N: 37° 33' 45.0" E: 140° 44' 49.9"		20110330確認	No Rain	MEXT
Reading Point [32]	Futaba county Namie town Akougi Teshichiro (About30kmNorth/West)	2011/4/15 10:22	22.5 *2	N: 37° 35' 42.0" E: 140° 45' 14.5"		20110330確認	No Rain	MEXT
Reading Point [33]	Soma county Iitate village Nagadoro (About30kmNorth/West)	2011/4/15 10:02	14.5 *2	N: 37° 38' 34.6" E: 140° 45' 09.1"		20110330確認	No Rain	MEXT
Reading Point [34]	Futaba county Namie town Tsushima Taikouji (About30kmNorth/West)	2011/4/15 11:18	4.7 *2	N: 37° 33' 03.2" E: 140° 44' 25.0"		20110330確認	No Rain	MEXT
Reading Point [36]	Date county Kawamata town Yamakiya Nagahashi (About40kmNorth/West)	2011/4/15 9:38	3.3 *2	N: 37° 38' 20.6" E: 140° 37' 58.9"		20110331確認	No Rain	MEXT
Reading Point [37]	Date city Ryozen town Ishida Hojizawa (About50kmNorth/West)	2011/4/15 10:02	2.9 *2	N: 37° 45' 08.7" E: 140° 41' 29.2"		20110402確認	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [38]	Iwaki City Yotsukura town Shiraiwa Hokita (About35kmSouth)	2011/4/15 13:37	0.9 *2	N: 37° 07' 18.4" E: 140° 57' 03.8"		20110401確認	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [39]	Soma city Yamakami Kaminamiki (About45kmNorth)	2011/4/15 10:42	0.5 *2	N: 37° 45' 52.7" E: 140° 51' 47.1"		20110402確認	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [71]	Futaba county Hirono town Shimokitaba Nawashirozawa (About25kmSouth)	2011/4/15 8:28	0.8 *1	N: 37° 12' 32.4" E: 140° 57' 08.2"		20110323確認	No Rain	Police (counter NBC operations unit)
Reading Point [72]	Iwaki city Hisanohama town Hisanohama aza Kitasaramaki (About30kmSouth)	2011/4/15 8:32	0.5 *2				No Rain	Police (counter NBC operations unit)
Reading Point [73]	Iwaki city Yotsukura town (About35kmSouth)	2011/4/15 13:53	1.0 *2				No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point [73]	Iwaki city Yotsukura town (About35kmSouth)	2011/4/15 9:30	1.1 *2				No Rain	Police (counter NBC operations unit)
Reading Point [75]	Iwaki city Uchimominamaya town (About45kmSouth)	2011/4/15 7:00	0.1 *2				No Rain	Police (counter NBC operations unit)

*1 measured by Geiger-Müller counter
*2 measured by ionization chamber type survey meter
*3 measured by NaI scintillator detector
*4 variation range of the measuring data in measuring time

Monitoring Post (length from NPP)		Monitoring Time	Reading (unit : μ Sv / h)	測定位置				測定位置の備考	Weather	Reading by
Reading Point【76】	Futaba county Kawauchi village Kamikawauchi Hayawata (About20kmSouth/West)	2011/4/15 10:48	0.1 *2	N: 37° 20' 25.3"	E: 140° 48' 25.7"			20110402確認	No Rain	MEXT
Reading Point【79】	Futaba county Namie town shimotsushima kayabuka (About30kmNorth/West)	2011/4/15 10:58	10.9 *2	N: 37° 33' 03.2"	E: 140° 44' 25.0"			20110330確認	No Rain	MEXT
Reading Point【80】	Minami Soma city Haramachi ward Takami town (About25kmNorth)	2011/4/15 12:36	0.2 *2	N: 37° 33' 22.2"	E: 140° 45' 46.8"			20110323確認	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【80】	Minami Soma city Haramachi ward Takami town (About25kmNorth)	2011/4/15 8:30	0.2 *2						No Rain	Police (counter NBC operations unit)
Reading Point【84】	Iwaki city Miwa-town Seiso (About40kmSouth/West)	2011/4/15 10:09	0.2 *2	N: 37° 33' 03.2"	E: 140° 44' 25.0"			20110330確認	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【85】	Fukushimashi Arai Harajiku (About60kmNorth/West)	2011/4/15 6:00	0.2 *2	N: 37° 42' 45.0"	E: 140° 22' 59.0"			20110330確認	No Rain	Ministry of Defense
Reading Point【86】	Koriyamashi Ootsuki town Choemonbayashi (About55kmWest)	2011/4/15 6:00	1.1 *2	N: 37° 23' 57.0"	E: 140° 19' 35.0"			20110330確認	No Rain	Ministry of Defense
Reading Point【87】	Futaba county Kawauchi village Kamikawauchi Hananouchi (About30kmWest/South/West)	2011/4/15 6:00	1.3 *2	N: 37° 21' 42.0"	E: 140° 42' 54.0"			20110330確認	No Rain	Ministry of Defense
Reading Point【101】	Date city Ryozen town Oishi aza Minowa (About55kmNorth/West)	2011/4/15 9:28	1.0 *2	N: 37° 23' 48.0"	E: 140° 21' 50.7"			20110404確認	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【103】	Minami Soma city Haramachi ward taka aza Mamezaruchi (About20kmNorth)	2011/4/15 13:07	0.6 *2	N: 37° 23' 48.0"	E: 140° 21' 50.7"			20110404確認	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【104】	Futaba county Katsurao village Oaza Ochiai aza Ochiai (About25kmWest/North/West)	2011/4/15 11:38	1.5 *2	N: 37° 23' 48.0"	E: 140° 21' 50.7"			20110404確認	No Rain	MEXT
Reading Point【106】	Iwaki city Kawamae town Ojiroi aza Syokangoya (About30kmSouth/West)	2011/4/14 10:21	0.8 *2	N: 37° 23' 48.0"	E: 140° 21' 50.7"			20110404確認	No Rain	MEXT
Reading Point【107】	Minami Soma city Haramachi ward Baba aza Nakouchi (About25kmNorth/North/West)	2011/4/15 13:33	2.3 *2	N: 37° 23' 48.0"	E: 140° 21' 50.7"			20110404確認	No Rain	JAEA (Japan Atomic Energy Agency)
Reading Point【108】	Minami Soma city Haramachi ward Ohara Daihata (About30kmNorth/North/West)	2011/4/15 13:54	2.6 *2	N: 37° 23' 48.0"	E: 140° 21' 50.7"			20110404確認	No Rain	JAEA (Japan Atomic Energy Agency)

OIP_ITServices Resource

From: LIA02 Hoc
Sent: Friday, April 15, 2011 10:58 PM
To: Bloom, Steven
Subject: FW: Radiation data by MEXT
Attachments: (Japanese)20110405_8-11rev.pdf; (English)20110413_06.pdf; (English)20110413_07.pdf; (English)20110413_16.pdf; (English)20110413_17.pdf; (English)20110413_26.pdf

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From: eda@mext.go.jp[SMTP:EDA@MEXT.GO.JP]
Sent: Friday, April 15, 2011 10:56:29 PM
To (b)(6)
(b)(6)

Subject: Radiation data by MEXT
Auto forwarded by a Rule

Dear Sir,

Please see attached the document.

"(Japanese)20110405_8-11rev.pdf" is a revised file regarding readings of environmental radiation level by emergency monitoring measured on March 28 and 20 by Fukushima Pref.

Others are remaining English versions whose Japanese versions were sent to you on April 13.

Sincerely yours,
Kei EDA
EOC, Ministry of Education,Culture, Sports, Science & Technology (MEXT),
Japan

AAAA/571

News Release

Readings of dust sampling (1/2)

: the readings in this thick-frame box are new.

As of 10:00 April 13, 2011
Ministry of Education, Culture, Sports, Science and Technology (MEXT)

Sampling Point		Sampling Time and Date	Radioactivity Concentration (Bq/m³)		Reading (μSv/h)	Monitoring Point by monitoring car
			^{131}I	^{137}Cs		
【1-1】(About45kmNorth/West)	Soma county Iitate village Sasunameri	3/23 10:45~10:55	4.0	1.2	5.5	【3】
【1-2】(About40kmNorth/West)	Date county Kawamata town Yamakiya	3/23 10:50~11:10	5.2	<1.2	9.0	【36】
【1-3】(About30kmWest/North/West)	Futaba county Katsurao village Kaminogawa	3/23 13:54~14:17	8.0	<1.4	9.4	【21】
【1-4】(About35kmWest)	Tamura city Tokiwa town Yamane	3/23 12:40~13:02	2.8	<1.1	2.3	【15】
【1-4】(About35kmWest) Survey1st		3/24 10:58~11:09	3.1	<0.99	2	
【1-4】(About35kmWest) Survey2nd		3/24 11:58~12:09	2.4	1.3	2.8	
【1-4】(About35kmWest) Survey3rd		3/24 12:58~13:09	2.5	<1.2	2.5	
【1-4】(About35kmWest) Survey4th		3/24 13:58~14:09	2.2	1.6	2.2	
【1-4】(About35kmWest) Survey5th		3/24 14:58~15:09	2.8	<1.2	2.5	
【1-4】(About35kmWest) Survey6th		3/24 15:58~16:09	2.1	<1.0	2.2	
【1-5】(About25kmSouth) Vehicle-Borne Survey1st	Futaba county Hirono town Shimokitaba	3/23 13:15~13:58	530.0	6.6	5.5~14.0	【71】
【1-5】(About25kmSouth) Vehicle-Borne Survey2nd		3/23 14:30~15:10	180.0	2.3	5.5~14.0	
【1-5】(About25kmSouth) Vehicle-Borne Survey3rd		3/23 15:20~15:59	110.0	2.1	5.5~14.0	
【1-5】(About25kmSouth) Vehicle-Borne Survey1st		3/24 10:06~10:44	5.9	<0.66	5.6	
【1-5】(About25kmSouth) Vehicle-Borne Survey2nd		3/24 10:53~11:33	9.2	<0.71	5.6	
【1-5】(About25kmSouth) Vehicle-Borne Survey3rd		3/24 11:44~12:26	12.0	1.1	5.6	
【1-5】(About25kmSouth) Vehicle-Borne		3/25 11:51~12:38	43.0	2.0	4.1~5.5	
【1-5】(About25kmSouth)		3/25 13:12~13:42	23.0	1.4	2	
【1-5】(About25kmSouth)		3/25 14:12~14:42	19.0	1.3	2.8	
【1-5】(About25kmSouth)		3/25 15:12~15:42	24.0	2.5	2.5	
【1-5】(About25kmSouth)		3/25 16:12~16:42	10.0	1.3	2.2	
【1-5】(About25kmSouth)		3/26 12:47~13:21	13.0	1.3	3.9	
【1-5】(About25kmSouth)		3/26 14:21~14:57	10.0	1.5	3.9	
【1-5】(About25kmSouth) Vehicle-Borne Survey1st		3/27 12:36~13:26	20.0	0.8	2.8~3.8	
【1-5】(About25kmSouth)		3/27 13:58~14:33	7.1	<0.98	3.8	
【1-5】(About25kmSouth)		3/27 15:33~16:08	6.6	<1.0	3.8	
【1-5】(About25kmSouth)		3/27 16:16~16:53	10.0	<1.1	3.8	
【1-5】(About25kmSouth) Vehicle-Borne Survey2nd		3/27 14:43~15:18	5.5	1.2	2.8~3.8	
【1-5】(About25kmSouth)		3/28 9:48~13:03	6.6	0.57	3.0	
【1-5】(About25kmSouth)		3/28 13:23~14:07	54.0	8.0	3.0	
【1-5】(About25kmSouth)		3/28 14:18~15:19	20.0	3.0	3.0	
【1-5】(About25kmSouth)		3/31 12:22~13:12	24.0	4.5	2.1	
【1-5】(About25kmSouth)		3/31 13:17~14:01	18.0	1.3	2.0	
【1-5】(About25kmSouth)		3/31 14:06~14:50	13.0	1.0	1.9	
【1-5】(About25kmSouth)		3/31 15:00~15:44	13.0	<0.79	2.0	
【1-7】(About35kmNorth) Survey1st	Minami Soma city Kashima ward	3/25 12:58~13:09	3.5	<0.99	3.2	【7】
【1-7】(About35kmNorth)		3/25 13:58~14:09	4.3	1.6	3.2	
【1-7】(About35kmNorth) Survey3rd		3/25 14:57~15:08	15.0	<0.98	3.2	
【1-7】(About35kmNorth)		3/25 15:58~16:09	22.0	1.1	3.2	
【1-7】(About35kmNorth)		3/26 11:27~11:38	2.9	1.0	1.5	
【1-7】(About35kmNorth)		3/26 13:00~13:11	2.2	1.3	1.5	
【1-8】(About45kmNorth) Survey1st	Soma city Nakano	3/28 13:00~16:00	19.0	3.2	0.6~1.2	【5】
【1-9】(About5kmWest)		4/2 12:55~13:14	6.8	3.3	81.8	-

Sampling Point		Sampling Time and Date	Radioactivity Concentration (Bq/m^3)		Reading (μSv/h)	Monitoring Point by monitoring car
			^{131}I	^{137}Cs		
【2-1】(About40kmNorth/West) Survey1st	Soma county Iitate village Yagisawa	3/29 12:50～13:45	4.2	0.73	7.0	【61】
【2-1】(About40kmNorth/West) Survey2nd		3/29 13:49～14:46	3.4	0.79	7.0	
【2-1】(About40kmNorth/West) Survey3rd		3/29 14:47～15:50	2.9	<0.74	7.0	
【2-1】(About40kmNorth/West) Survey1st		3/30 11:15～11:35	4.8	<1.8	6.7	
【2-1】(About40kmNorth/West) Survey2nd		3/30 12:15～12:35	4.7	2.00	7.2	
【2-1】(About40kmNorth/West) Survey3rd		3/30 13:15～13:35	3.4	1.80	7.0	
【2-1】(About40kmNorth/West) Survey4th		3/30 14:15～14:35	28.0	20.00	7.4	
【2-1】(About40kmNorth/West) Survey5th		3/30 15:15～15:35	7.7	1.90	7.5	
【2-4】(About25kmNorth) Survey1st	Minami Soma city Haramachi ward Takami town	3/29 11:17～12:15	75.0	46.0	1.7	【80】
【2-4】(About25kmNorth)		3/29 12:15～13:15	29.0	34.0	0.4	
【2-4】(About25kmNorth) Survey3rd		3/29 13:15～14:15	32.0	23.0	0.6	
【2-4】(About25kmNorth)		3/29 14:15～15:00	29.0	25.0	0.5	
【2-4】(About25kmNorth) Survey1st		3/30 11:09～11:29	1.8	0.5	0.0	
【2-4】(About25kmNorth)		3/30 12:10～12:30	1.6	0.5	0.8	
【2-4】(About25kmNorth) Survey3rd		3/30 13:10～13:30	1.2	0.4	0.2	
【2-4】(About25kmNorth)		3/30 14:10～14:30	1.5	0.5	0.3	
【2-4】(About25kmNorth)		3/30 15:10～15:30	1.1	<0.49	0.6	
【2-4】(About25kmNorth) Survey1st		4/1 12:33～12:48	1.5	1.0	1.2	
【2-4】(About25kmNorth)		4/1 13:33～13:55	2.2	0.85	1.2	
【2-4】(About25kmNorth) Survey3rd		4/1 14:33～14:53	1.9	<0.7	1.2	
【2-4】(About25kmNorth)		4/1 15:33～15:53	1.7	1.0	1.2	
【2-7】(About35KmNorth/West)	Date county Kawamata town Yamakiya	3/29 12:00～13:00	0.95	0.59	8.0	【46】
【2-7】(About35KmNorth/West)		3/29 13:00～14:00	0.66	<0.70	8.0	
【2-7】(About35KmNorth/West)		3/29 14:00～15:00	0.75	<0.76	8.0	
【2-7】(About35KmNorth/West)		3/29 15:00～16:00	0.90	<0.58	8.0	
【2-7】(About35KmNorth/West)		3/29 16:00～17:00	0.69	<0.59	8.0	
【2-7】(About35KmNorth/West) Survey1st		3/30 12:11～12:31	1.9	1.0	13.9	
【2-7】(About35KmNorth/West) Survey2nd		3/30 13:11～13:33	1.3	1.0	15.2	
【2-7】(About35KmNorth/West) Survey3rd		3/30 14:11～14:32	89.0	91.0	14.6	
【2-7】(About35KmNorth/West) Survey4th		3/30 15:11～15:32	180.0	140.0	15.0	
【3-1】(About30kmNorth/West) Survey1st	Futaba county Iitate village Nagadoro	3/24 11:20～11:41	43.0	2.0	30	【33】
【3-1】(About30kmNorth/West) Survey2nd		3/24 12:20～12:40	3.3	<0.98	30	
【3-1】(About30kmNorth/West) Survey3rd		3/24 13:20～13:42	3.8	<1.2	30	
【3-1】(About30kmNorth/West) Survey4th		3/24 14:20～14:42	3.8	1.5	30	
【3-1】(About30kmNorth/West) Survey5th		3/24 15:20～15:42	3.3	1.7	30	
【3-1】(About30kmNorth/West) Survey1st		3/26 11:38～12:00	5.8	4.8	26	
【3-1】(About30kmNorth/West) Survey2nd		3/26 13:18～13:39	5.2	2.2	26	
【3-1】(About30kmNorth/West) Survey1st		3/28 11:31～11:52	2.6	1.8	26	
【3-1】(About30kmNorth/West) Survey2nd		3/28 12:53～13:15	2.7	<1.2	26	
【3-1】(About30kmNorth/West) Survey1st		3/29 11:18～11:40	2.4	1.1	18.9	
【3-1】(About30kmNorth/West) Survey2nd		3/29 13:23～13:50	1.9	<1.0	-	
【76】(About20kmSouth/West) Survey1st	Futaba county Kawauchi village Kamikawauchi	4/2 11:22～11:47	4.5	1.1	1.0	【76】
【76】(About20kmSouth/West) Survey2nd		4/2 11:54～12:36	2.0	<0.39	1.0	
【76】(About20kmSouth/West) Survey3rd		4/2 12:42～13:47	1.3	0.45	1.0	
【76】(About20kmSouth/West) Survey4th		4/2 13:50～14:56	1.6	<0.33	1.0	
【76】(About20kmSouth/West) Survey5th		4/2 14:59～16:03	1.6	<0.33	1.0	
【76】(About20kmSouth/West) Survey1st		4/3 11:35～12:34	2.1	0.56	0.7	

Sampling Point		Sampling Time and Date	Radioactivity Concentration(Bq/m^3)		Reading (μSv/h)	Monitoring Point by monitoring car
			^{131}I	^{137}Cs		
【76】(About20kmSouth/West) Survey2nd		4/3 12:36～13:35	1.4	<0.31	0.7	
【76】(About20kmSouth/West) Survey3rd		4/3 13:38～14:37	2.4	<0.39	0.7	
【76】(About20kmSouth/West) Survey1st		4/4 12:00～13:00	1.3	1.60	0.8	
【76】(About20kmSouth/West) Survey2nd		4/4 13:08～13:57	2.0	1.10	0.8	
【76】(About20kmSouth/West) Survey3rd		4/4 14:01～14:50	2.3	0.94	0.8	

Readings are already announced in "Readings at Monitoring Post out of 20 Km Zone of Fukushima Dai-ichi NPP"

Readings of dust sampling(2／2)

□ : the readings in this thick-frame box are new.

Sampling Point		Sampling Time and Date	Radioactivity Concentration(Bq/m3)		Reading (μSv/h)
			^{131}I	^{137}Cs	
【1】(About60km NorthWest)	Fukushima city Sugitsuma town	3/19 18:30～18:50	1.22	ND	7.2
		3/20 18:30～18:50	203.00	32.20	5.0
		3/21 18:30～18:50	2.50	ND	4.5
		3/22 18:30～18:50	3.06	ND	5.2
		3/23 19:38～19:58	3.69	1.20	4.0
		3/24 18:30～18:55	ND	ND	3.6
		3/25 19:10～19:20	24.00	14.20	2.5
		3/26 18:30～18:40	1.75	ND	2.5
		3/27 18:30～18:50	0.87	ND	3.5
		3/28 18:33～18:43	1.13	ND	3.2
		3/29 18:30～18:50	1.56	ND	2.1
		3/30 18:40～19:00	0.91	ND	2.0
		3/31 18:30～18:45	2.34	0.56	2.6
		4/1 18:30～18:40	2.92	1.28	2.7
		4/2 18:37～18:50	2.36	0.52	1.9
		4/3 18:30～18:40	1.86	ND	2.0
		4/4 18:33～18:43	0.72	ND	1.5
		4/5 19:09～19:19	1.99	LTD	0.85
		4/6 18:48～18:58	0.70	ND	0.89
		4/7 18:30～18:40	0.84	ND	0.80
		4/8 18:30～18:40	1.94	2.28	0.77
		4/9 18:30～18:40	1.12	0.874	0.54
		4/10 18:30～18:40	LTD	LTD	0.77
		4/11 18:32～18:42	0.626	ND	0.52
【2-1】(About40 kmNorthWest)	Soma county litate village Yagisawa	3/21 13:00～13:20	12.80	2.37	4.1
		3/22 12:26～12:46	5.87	ND	4.2
		3/23 12:50～13:10	2.99	ND	16.8
		3/24 13:30～13:50	5.80	1.51	10.0
		3/25 12:45～13:05	5.87	ND	12.3
		3/26 12:26～12:46	5.39	1.33	7.8
		3/27 12:06～12:26	2.22	ND	11.2
		3/28 12:05～12:25	1.66	ND	9.6
		3/29 12:07～12:27	2.42	6.79	9.2
		3/30 13:22～13:42	3.47	LTD	8.5
		3/31 11:50～12:10	1.74	LTD	8.0
		4/1 12:00～12:20	1.78	1.69	7.7
		4/2 11:46～12:06	0.84	ND	8.6
		4/3 11:18～11:38	ND	0.78	7.7
		4/4 11:07～11:27	LTD	1.36	7.2
		4/5 11:55～12:15	LTD	ND	4.1
		4/6 11:45～12:05	LTD	ND	3.9
		4/7 11:29～11:49	ND	ND	4.07
		4/8 11:45～12:05	0.995	ND	4.50
		4/9 11:40～12:00	1.26	ND	4.14
		4/10 14:10～14:30	ND	LTD	4.2
		4/11 12:32～12:52	2.12	LTD	2.8
【2-2】(About45 kmNorthWest)	Date county kawamata town	3/22 11:10～11:30	10.50	ND	7.8
		3/23 11:31～11:51	1.47	ND	6.0
		3/24 11:20～11:40	1.47	ND	2.0
		3/25 11:25～11:45	2.15	ND	7.5
		3/26 11:10～11:30	1.19	ND	4.3
		3/27 10:50～11:10	2.97	ND	5.5
		3/28 11:00～11:20	1.66	0.87	5.5
		3/29 11:30～11:23	1.10	2.02	4.8
		3/30 11:37～11:57	1.38	1.11	4.6
		3/31 10:40～11:00	1.36	ND	4.8
		4/1 10:40～11:00	ND	LTD	3.3
		4/2 10:31～10:51	ND	ND	3.2
		4/3 10:12～10:32	ND	ND	3.7
		4/4 10:05～10:25	LTD	ND	3.1
		4/5 10:45～11:05	4.07	ND	1.44
		4/6 10:37～10:57	ND	ND	1.7
		4/7 10:21～10:41	LTD	ND	1.40
		4/8 10:45～11:05	ND	ND	1.37
		4/9 10:29～10:49	ND	ND	1.21
		4/10 10:35～10:55	LTD	ND	1.4
		4/11 11:03～11:23	ND	ND	0.90

Sampling Point		Sampling Time and Date	Radioactivity Concentration (Bq/m3)		Reading
			^{131}I	^{137}Cs	(μSv/h)
【2-3】(About40kmWest)	Tamura city Funehiki town funehiki	3/21 12:30～12:50	3.74	ND	0.9
		3/22 11:32～11:52	3.92	ND	2.2
		3/23 11:50～12:10	1.75	ND	1.0
		3/24 12:12～12:32	0.97	ND	-
		3/25 13:33～13:53	37.00	1.45	0.8
		3/26 11:52～12:12	1.77	ND	0.8
		3/27 11:48～12:08	1.07	ND	0.8
		3/28 11:39～11:59	ND	ND	0.4
		3/29 13:44～13:54	2.29	0.63	0.7
		3/30 12:25～12:35	1.59	ND	0.5
		3/31 12:05～12:15	2.07	ND	0.5
		4/1 12:11～12:31	ND	ND	0.3
		4/2 11:24～11:44	LTD	ND	0.3
		4/3 11:18～11:38	ND	ND	0.3
		4/4 11:17～11:37	ND	ND	0.3
		4/5 11:45～11:55	LTD	LTD	0.43
		4/6 11:28～11:38	LTD	ND	0.39
		4/7 11:28～11:38	ND	ND	0.35
		4/8 11:27～11:37	LTD	0.905	0.36
		4/9 11:21～11:31	LTD	0.654	0.31
		4/10 11:07～11:17	ND	ND	0.39
		4/11 11:01～11:11	ND	ND	0.42
【2-4】(About25kmNorth)	Minami Soma city Haramachi ward Takami town	3/21 14:20～14:40	13.20	0.74	2.8
		3/22 13:35～13:55	3.81	ND	1.8
		3/23 14:10～14:30	2.62	ND	1.1
		3/24 14:55～15:15	193.00	2.94	1.2
		3/25 14:20～14:40	16.10	ND	0.7
		3/26 13:57～14:17	2.62	ND	1.3
		3/27 13:38～13:58	1.31	ND	1.4
		3/28 13:30～13:50	16.40	2.80	0.7
		3/29 13:30～13:50	83.40	38.60	1.0
		3/30 14:50～15:10	ND	LTD	0.0～1.3
		3/31 13:20～13:40	5.02	1.63	1.4
		4/1 13:40～14:00	2.66	LTD	1.2
		4/2 13:14～13:34	0.80	ND	1.2
		4/3 12:38～12:58	LTD	ND	1.0
		4/4 12:26～12:46	0.85	1.80	0.7
		4/5 13:07～13:27	6.99	1.43	0.65
		4/6 12:01～12:21	8.81	2.68	0.62
		4/7 12:46～13:06	35.90	4.40	0.64
		4/8 12:55～13:15	1.05	ND	0.72
		4/9 12:57～13:17	LTD	ND	0.78
		4/10 12:55～13:15	1.15	ND	0.59
		4/11 14:03～14:23	LTD	ND	0.60
【2-5】(About40kmSouth West)	Tamura county Ono town Ononiimachi	3/20 13:57～14:17	24.00	1.75	0.6
		3/21 13:37～13:57	2.69	ND	0.5
		3/22 12:32～12:52	6.29	ND	0.4
		3/23 12:50～13:10	1.86	ND	0.5
		3/24 13:21～13:41	1.19	ND	-
		3/25 13:35～13:55	12.40	ND	0.4
		3/26 11:55～12:15	ND	ND	0.6
		3/27 11:05～11:25	1.04	ND	0.5
		3/28 11:25～11:45	0.82	ND	-
		3/29 11:25～11:45	0.89	ND	0.3
		3/30 11:00～11:20	ND	ND	0.3
		3/31 11:07～11:27	ND	ND	0.3
		4/1 10:49～11:09	0.74	ND	0.3
		4/2 10:42～11:02	LTD	ND	0.3
		4/3 10:21～10:41	ND	ND	0.3
		4/4 10:19～10:39	ND	ND	0.3
		4/5 10:51～11:11	ND	ND	0.25
		4/6 10:35～10:55	ND	ND	0.25
		4/7 10:51～11:11	ND	ND	0.22
		4/8 10:38～10:58	ND	ND	0.17
		4/9 10:53～11:13	ND	ND	0.25
		4/10 10:40～11:00	ND	ND	0.23
		4/11 10:45～11:05	ND	ND	0.22

Sampling Point		Sampling Time and Date	Radioactivity Concentration (Bq/m3)		Reading (μSv/h)
			^{131}I	^{137}Cs	
【2-6】(About45kmSouth)	Iwaki city taira aza umemoto	3/20 15:25～15:45	6.89	ND	0.6
		3/21 15:00～15:20	28.90	ND	1.5
		3/22 14:00～14:20	17.00	ND	0.6
		3/23 14:15～14:35	6.93	ND	1.0
		3/24 15:12～15:32	8.25	ND	1.4
		3/25 13:47～14:07	40.60	ND	1.1
		3/27 12:30～12:50	1.55	ND	0.8
		3/28 13:10～13:30	3.56	ND	0.3
		3/29 12:55～13:15	2.68	ND	0.7
		3/30 12:32～12:52	4.59	1.56	0.3
		3/31 12:42～13:02	1.65	ND	0.7
		4/1 12:16～12:36	1.00	ND	0.8
		4/2 12:02～12:22	47.3	5.93	1.4
		4/3 11:42～12:02	LTD	ND	0.4
		4/4 11:43～12:03	0.9	ND	0.7
		4/5 12:12～12:32	0.9	ND	0.42
		4/6 11:55～12:15	LTD	ND	0.37
		4/7 12:10～12:30	1.8	ND	0.35
		4/8 12:02～12:22	0.938	ND	0.32
		4/9 12:18～12:38	1.53	ND	0.33
		4/10 12:09～12:29	LTD	ND	0.35
		4/11 12:18～12:38	LTD	ND	0.26
【2-7】(About35 kmNorthWest)	Date county Kawamata town Yamakiya	3/25 15:05～15:22	555.00	12.40	12.0
		3/26 14:06～14:26	1.54	ND	8.8
		3/27 13:51～14:11	1.02	ND	8.7
		3/28 13:39～13:59	2.14	ND	8.4
		3/29 15:02～15:12	3.51	1.46	8.0
		3/30 14:05～14:15	1.33	0.89	13.9～15.4
		3/31 13:35～13:45	2.49	1.38	6.9
		4/1 14:13～14:33	LTD	ND	6.5
		4/2 13:22～13:42	LTD	ND	6.5
		4/3 13:12～13:32	ND	ND	6.1
		4/4 13:15～13:35	ND	ND	5.8
		4/5 13:43～13:53	ND	ND	3.02
		4/6 13:01～13:11	1.26	1.34	2.97
		4/7 13:06～13:16	LTD	LTD	-
		4/8 13:03～13:13	0.871	LTD	2.6
		4/9 12:50～13:00	1.13	LTD	2.4
		4/10 12:38～12:48	ND	ND	2.4
		4/11 12:25～12:35	ND	ND	3.0
【2-8】(About50km NorthWest)	Date city Tsukidate town	3/24 12:05～12:25	2.71	ND	—
		3/25 16:13～16:33	34.00	ND	—
		3/26 15:15～15:35	ND	ND	—
		3/27 14:52～15:12	ND	ND	—
		3/28 14:38～14:58	ND	ND	—
		3/29 15:59～16:09	1.60	ND	1.6
		3/30 16:05～16:15	2.09	0.77	—
		3/31 14:25～14:35	1.04	LTD	—
		4/1 15:09～15:29	ND	ND	—
		4/2 14:18～14:38	ND	ND	—
		4/3 14:07～14:27	ND	ND	—
		4/4 14:10～14:30	ND	ND	—
		4/5 14:24～14:34	ND	ND	1.29
		4/6 13:43～13:53	LTD	0.74	1.27
		4/7 13:48～13:58	LTD	ND	1.39
		4/8 13:50～14:00	LTD	ND	1.4
		4/9 13:36～13:46	LTD	LTD	0.9
		4/10 13:21～13:31	ND	ND	1.3
		4/11 13:06～13:16	ND	ND	1.3
【2-9】(About45km WestNorthWest)	Nihonmatsu city Kanairo	3/25 11:32～11:52	8.67	ND	—
		3/26 10:10～10:30	7.98	ND	—
		3/27 10:28～10:48	ND	ND	—
		3/28 10:12～10:32	0.78	ND	—
		3/29 11:56～12:06	2.53	0.59	—
		3/30 11:00～11:10	1.54	ND	—
		3/31 10:40～10:50	1.34	0.92	—
		4/1 10:52～11:12	ND	ND	—
		4/2 9:59～10:19	ND	ND	—
		4/3 10:00～10:20	ND	ND	—
		4/4 9:56～10:16	ND	ND	—
		4/5 10:39～10:49	0.82	LTD	1.92
		4/6 10:18～10:28	1.00	0.69	2.32
		4/7 10:18～10:28	LTD	ND	1.72
		4/8 10:16～10:26	0.643	ND	1.7
		4/9 10:11～10:21	ND	ND	1.4
		4/10 10:03～10:13	ND	ND	0.68

Sampling Point		Sampling Time and Date	Radioactivity Concentration (Bq/m3)		Reading (μSv/h)
			^{131}I	^{137}Cs	
		4/11 10:00～10:10	ND	ND	1.7

Sampling Point		Sampling Time and Date	Radioactivity Concentration(Bq/m3)		Reading (μSv/h)
			^{131}I	^{137}Cs	
【2-10】(About50km North)	Soma county Shinchi Town	3/25 16:25～16:45	33.60	0.84	—
【4-1】(About80kmSouth West)	Shirakawa City	4/7 14:53～15:13	ND	ND	0.83
		4/8 14:45～15:05	ND	ND	0.84
		4/9 13:38～13:56	ND	ND	0.86
		4/10 13:40～14:00	LTD	ND	0.70
		4/11 13:50～14:10	ND	ND	0.71
【4-2】(About60kmWest)	Sukagawa City Hachiman Town	4/7 12:49～13:09	ND	ND	0.38
		4/8 11:45～12:05	ND	ND	0.39
		4/9 11:35～11:54	ND	ND	0.40
		4/10 11:15～11:35	ND	ND	0.37
		4/11 11:32～11:52	ND	ND	0.35
【4-3】(About60kmWest)	Adachi county Ootama Village	4/7 10:40～11:00	LTD	ND	0.7
		4/8 10:35～10:55	ND	ND	0.88
		4/9 10:20～10:40	ND	ND	0.75
		4/10 10:09～10:27	ND	ND	0.81
		4/11 10:15～10:35	ND	ND	0.80
【4-4】(About70kSouth West)	Shirakawa county Izumizaki Village	4/7 14:00～14:20	ND	ND	0.7
		4/8 13:35～13:55	ND	ND	0.69
		4/9 13:00～13:18	ND	ND	0.68
		4/10 12:55～13:15	LTD	ND	0.68
		4/11 13:00～13:20	ND	ND	0.60
【4-5】(About80kmSouth West)	Nishirakawa county Nishigou Village	4/8 15:23～15:43	ND	ND	0.81
		4/9 14:10～14:28	ND	ND	0.80
		4/10 14:10～14:30	1.03	0.542	0.77
		4/11 14:30～14:45	ND	ND	0.69

★:maximun data up to now　　LTD:Less than detectable　ND:Not Detected

Bold and underlined characters are corrected.

The government requests Fukushima Prefecture to gain the readings above.

The readings since April 5 are the readings of Environmental Radiation Level in emergency monitoring by Fukushima Pref.

Readings of soil monitoring

: the readings in this thick-frame box are new.

Sampling Point		Sampling Time and Date	Radioactivity Concentration (Bq/kg)		Reading (μ Sv/h)	Monitoring Point by monitoring car
			^{131}I	^{137}Cs		
【1-1】(About45kmNorth/West)	Soma county Iitate village Sasunameri	2011/3/31 11:19	29,000	9,400	4.8	【3】
		2011/4/1 10:18	11,000	2,900	3.3	
		2011/4/2 10:59	25,000	9,000	2.8	
【1-2】(About40kmNorth/West)	Date county Kawamata town Yamakiya	2011/4/3 9:52	41,000	21,000	5.4	【36】
【13】(About40kmWest)	Tamura city Tokiwa town Nishimuki	2011/4/1 11:58	3,300	1,200	0.5	【13】
【2】(About55kmNorth/West)	Fukushima city Onami	2011/3/31 10:20	48,000	15,000	4.1	【2】
		2011/3/31 14:35	16,000	6,300	2.1	
		2011/4/1 9:22	31,000	8,800	3.8	
		2011/4/1 9:42	13,000	5,700	3.8	
		2011/4/2 9:33	53,000	20,000	3.5	
【2-4】(About25kmNorth)	Minami Soma city Haramachi ward Takami town	2011/4/3 11:57	7,300	3,600	1.0	【80】
		2011/4/4 12:09	4,400	2,500	1.0	
【3-1】(About30kmNorth/West)	Soma county Iitate village Nagadoro	2011/3/23 11:10	200,000	45,000	103.0	【33】
		2011/3/25 14:45	251,000	60,100	27.0	
		2011/3/25 14:45	341,000*1	68,500*1	27.0	
		2011/3/26 10:55	15,000	3,000	26.0	
		2011/3/27 12:15	93,000	29,000	20.0	
		2011/3/28 11:18	110,000	36,000	43.0	
		2011/3/29 11:18	220,000	65,000	18.8	
		2011/3/30 11:30	190,000	70,000	17.3	
		2011/3/31 11:23	160,000	67,000	18.2	
		2011/4/1 11:36	130,000	40,000	18.2	
		2011/4/2 12:10	61,000	6,200	21.0	
		2011/4/3 11:11	69,000	18,000	21.3	
		2011/4/4 11:12	125,510	76,429	18.6	
		2011/4/5 11:15	88,243	55,001	16.3	
		2011/4/6 12:19	90,816	66,192	13.2	
		2011/4/7 11:03	74,481	58,104	19.5	
		2011/4/8 11:35	72,500	63,800	15.5	
		2011/4/10 11:18	66,007	75,832	18.7	
		2011/4/11 14:07	62,639	64,093	15.6	
【3-2】(About30kmNorth/West)	Futaba county Namie town Tsushima	2011/3/23 13:17	92,000	15,000	15.0	【34】
【3-3】(About35kmWest)	Tamura city Tokiwa town Yamane	2011/3/23 12:50	11,000	3,300	2.3	【15】
		2011/3/24 12:58	4,900	220	2.5	
【3-4】(About40kmNorth/West)	Nihonmatsu city Ota	2011/3/23 11:08	33,000	8,600	2.8	【11】
【3-5】(About50kmNorth/West)	Date county Kawamata town	2011/3/23 10:30	4,200	770	2.8	【4】
【3-6】(About30kmWest/North/West)	Futaba county Katsurao village Kaminogawa	2011/3/23 14:00	70,000	12,000	9.4	【21】
		2011/3/26 15:33	13,000	2,900	6.5	
		2011/3/28 11:03	14,000	4,600	5.3	
		2011/3/29 11:34	25,000	7,100	-	
		2011/4/8 13:20	11,000	7,600	3.7	
		2011/4/10 10:37	25,000	25,000	5.9	
		2011/4/11 12:58	14,000	12,000	4.2	
【3-7】(About25kmSouth)	Futaba county Hirono town Shimokitaba	2011/3/23 13:00	69,000	2,600	14.0	【71】
【3-8】(About25kmSouth)	Futaba county Hirono town Shimokitaba	2011/3/23 16:22	140,000	2,900	14.0	【71】
【3-9】(About45kmNorth)	Minami Soma city Kashima ward	2011/3/25 11:24	6,900	1,600	2.7	【5】
		2011/3/26 10:48	6,900	1,600	1.0	
		2011/3/26 12:30	110,000	2,800	1.0	
		2011/3/28 13:00	12,000	4,100	0.6～1.2	
【3-10】(About35kmNorth)	Minami Soma city Kashima ward	2011/3/25 12:18	11,000	3,300	3.7	【6】
		2011/3/26 11:12	14,000	3,800	1.5	
		2011/3/28 10:32	11,000	3,600	1.2	
		2011/3/29 15:20	8,400	3,200	1.3	
		2011/3/30 15:54	6,100	2,000	1.4	
		2011/3/31 12:18	9,600	4,700	1.3	
		2011/4/1 11:35	5,400	2,800	1.0	
		2011/4/2 12:49	7,800	4,400	1.0	
		2011/4/3 11:15	4,900	1,700	1.1	
		2011/4/4 11:18	5,500	4,300	1.2	
		2011/4/5 11:21	4,600	3,900	1.3	
		2011/4/8 11:56	5,100	3,900	1.0	
		2011/4/7 11:18	4,200	3,600	0.6	
		2011/4/8 11:29	3,600	3,800	0.6	
		2011/4/10 10:46	2,400	2,900	1.2	
		2011/4/11 10:45	4,800	5,000	1.8	

Sampling Point		Sampling Time and Date	Radioactivity Concentration (Bq/kg)		Reading (μ Sv/h)	Monitoring Point by monitoring car
			^{131}I	^{137}Cs		
【3-11】(About35kmNorth)	Minami Soma city Kashima ward	2011/3/25 12:33	8,000	1,300	3.2	【7】
		2011/3/26 11:33	13,000	4,300	1.5	
		2011/3/28 10:38	8,200	2,000	3.3	
【3-12】(About30kmWest/North/West)	Futaba county Namie town Tsushima	2011/3/25 14:13	29,000	627	30.5	【31】
		2011/3/26 10:15	22,000	1,800	17.8	
		2011/3/27 11:30	120,000	27,000	25.0	
		2011/3/28 10:29	120,000	28,000	23.0	
		2011/3/29 9:59	710,000	220,000	18.3	
		2011/3/30 10:50	710,000	290,000	16.3	
		2011/3/31 10:45	50,000	15,000	-	
		2011/4/1 10:39	79,000	29,000	15.4	
		2011/4/2 11:42	21,000	5,400	14.0	
		2011/4/3 10:36	60,000	27,000	12.5	
		2011/4/4 10:27	143,900	6,907	9.8	
		2011/4/5 10:42	103,970	68,209	10.6	
		2011/4/6 11:45	84,819	51,842	10.9	
		2011/4/7 10:30	78,581	51,167	11.4	
		2011/4/8 10:55	36,900	20,300	9.0	
		2011/4/10 10:17	59,758	74,220	12.8	
		2011/4/11 13:32	58,558	67,722	12.3	
【3-13】(About30kmNorth/West)	Futaba county Namie town Akougi	2011/3/25 14:30	86,700	9,260	65.0	【32】
		2011/3/26 10:40	290,000	33,000	46.0	
		2011/3/27 11:55	550,000	80,000	45.0	
		2011/3/28 10:51	210,000	8,200	50.0	
		2011/3/29 10:57	660,000	94,000	43.0	
		2011/3/30 11:08	260,000	52,000	41.6	
		2011/3/31 11:04	91,000	40,000	38.0	
		2011/4/1 11:01	250,000	130,000	36.2	
		2011/4/2 11:55	120,000	35,000	34.0	
		2011/4/3 10:56	280,000	110,000	32.7	
		2011/4/4 10:50	157,730	98,551	32.7	
		2011/4/5 10:59	201,800	103,390	26.0	
		2011/4/6 11:59	125,200	58,761	25.8	
		2011/4/7 10:47	139,810	73,554	27.8	
		2011/4/8 11:23	85,800	64,300	24.6	
		2011/4/10 10:54	43,605	42,820	25.2	
		2011/4/11 13:53	114,330	140,550	26.4	
【3-14】(About40kmNorth/West)	Date county Kawamata town Yamakiya	2011/3/25 15:35	73,000	18,000	7.0	【36】
		2011/3/26 19:30	49,000	9,300	7.8	
		2011/3/28 9:15	65,000	21,000	8.0	
		2011/3/29 9:41	63,000	21,000	6.0	
		2011/3/30 10:18	71,000	24,000	5.6	
		2011/3/31 10:21	59,000	28,000	5.3	
		2011/4/1 10:11	54,000	23,000	5.7	
		2011/4/2 11:20	54,000	26,000	5.1	
		2011/4/4 9:52	6,600	3,300	5.2	
		2011/4/5 9:26	31,000	20,000	4.6	
		2011/4/6 11:05	41,000	25,000	4.1	
		2011/4/7 10:02	39,000	29,000	4.1	
		2011/4/8 10:07	27,000	24,000	3.8	
		2011/4/10 9:41	14,000	12,000	4.6	
		2011/4/11 10:36	22,000	25,000	4.0	
【3-15】(About25kmSouth)	Futaba county Hirono town Shimokitaba	2011/3/25 14:15	560	410	5.5	【71】
		2011/3/26 12:55	31,000	1,800	3.9	
		2011/3/28 9:54	42,000	1,500	3.0	
【3-16】(About45kmNorth/West)	Soma city Yamakami	2011/3/28 16:18	7,800	3,500	1.7	-
【37】(About50kmNorth/West)	Date city Ryozen town	2011/4/1 9:59	15,000	16,000	4.6	【37】
		2011/4/2 10:40	20,000	20,000	4.3	
【72】(About30kmSouth)	Iwaki city Hisanohama town Hisanohama	2011/3/31 12:00	18,000	1,500	1.5	【72】
		2011/4/1 12:46	24,000	2,400	1.8	
		2011/4/3 13:33	22,000	2,200	1.2	
		2011/4/4 12:51	19,000	1,700	1.5	
【73】(About35kmSouth)	Iwaki city Yotsukura town	2011/3/31 12:39	13,000	1,100	1.3	【73】
		2011/4/1 12:02	14,000	1,100	1.4	
		2011/4/3 12:57	9,900	1,400	1.2	
		2011/4/4 12:30	8,200	800	1.1	
【74】(About35kmSouth)	Iwaki city Ogawa town Takahagi	2011/3/31 13:18	4,300	330	0.5	【74】
		2011/4/1 11:13	5,900	710	0.3	
		2011/4/3 11:51	3,700	410	0.4	
		2011/4/4 11:26	4,300	440	0.6	

Sampling Point		Sampling Time and Date	Radioactivity Concentration (Bq/kg)		Reading (μ Sv/h)	Monitoring Point by monitoring car
			^{131}I	^{137}Cs		
【75】(About45kmSouth)	Iwaki city Uchigoumiyamaya town	2011/3/31 14:03	14,000	650	0.7	【75】
		2011/4/1 10:34	20,000	1,300	0.8	
		2011/4/3 11:19	14,000	1,200	0.4	
		2011/4/4 10:50	14,000	1,300	0.7	
【76】 (About20kmSouth/West)	Futaba county Kawauchi village Kamikawauchi	2011/4/4 12:04	5,500	1,800	0.8	【76】
【83】 (About20kmNorth/West)	Futaba county Namie town Akougi Kunugidaira	2011/3/30 15:40	340,000	170,000	59.3	【83】
		2011/4/8 12:10	210,000	270,000	53.5	
		2011/4/10 14:51	130,000	150,000	52.0	
		2011/4/11 14:45	190,000	310,000	53.5	
【101】(About55kmNorth/West)	Date city Ryozen town	2011/4/8 9:40	2,600	2,400	1.3	【101】
		2011/4/10 9:17	3,900	2,100	1.5	
		2011/4/11 9:19	4,000	2,500	2.2	
【102】(About50kmNorth/West)	Date city Tsukidate town Tsukidate aza Machi	2011/4/8 15:00	7,000	6,400	1.2	【102】
		2011/4/10 13:46	5,800	5,300	1.2	
		2011/4/11 14:12	4,500	3,800	1.5	
【103】(About20kmNorth)	Minami Soma city Haramachi ward	2011/4/8 12:45	2,000	1,800	0.6	【103】
		2011/4/10 12:16	1,300	700	0.5	
		2011/4/11 12:20	2,000	2,800	1.5	
【104】 (About25kmWest/North/West)	Futaba county Katsurao village	2011/4/8 12:41	13,000	9,700	1.7	【104】
		2011/4/10 16:00	8,000	7,800	2.8	
		2011/4/11 13:10	11,000	9,500	2.6	
		2011/4/12 13:14	11,000	12,000	2.4	
【105】(About20kmWest)	Tamura city Miyakoji town	2011/4/8 11:20	5,100	2,400	1.1	【105】
		2011/4/10 12:00	4,400	2,600	1.5	
		2011/4/11 10:59	4,400	2,400	0.5	
【106】(About30kmSouth/West)	Iwaki city Kawamae town	2011/4/8 12:06	1,300	1,200	0.6	【106】
		2011/4/10 12:46	770	1,400	1.2	
		2011/4/11 10:11	700	1,100	0.6	
【107】 (About25km North/North/West)	Minami Soma city Haramachi ward	2011/4/8 13:21	5,800	5,300	2.8	【107】
		2011/4/10 12:32	8,000	12,000	2.2	
		2011/4/11 12:39	6,000	11,000	3.3	
【108】 (About30kmNorth/North/West)	Minami Soma city Haramachi ward	2011/4/8 13:52	3,500	11,000	3.5	【108】
		2011/4/10 12:51	8,500	15,000	2.7	
		2011/4/11 12:55	5,500	14,000	3.7	

*1 For referance, the sample is collected from about 5mm of soil. (Samples are usually collected from about 5cm of soil.)

Readings of environmental monitaring samples

※The maximun and New data of Radioactivity Concentration of I-131 and Cs-137 in each point.

□ :the readings in this thick-frame box are new.

Sampling Point		Sample	Sort or Region	Sampling Time and Date	Radioactivity Concentration (Bq/kg)		Reading (μSv/h)	Note
					^{131}I	^{137}Cs		
【2-1】(About40 kmNorth/West)	Soma county litate village Yagisawa	Weed	Leaf Vegitable	2011/3/18 12:20	2,520,000	1,800,000	30以上	
		Weed	Leaf Vegitable	2011/3/19 11:40	845,000	1,010,000	26.5	
		Weed	Leaf Vegitable	2011/3/20 12:40	2,540,000	2,650,000	25.8	
		Weed	Leaf Vegitable	2011/3/21 12:32	1,330,000	1,240,000	20.4	
		Weed	Leaf Vegitable	2011/3/22 12:00	1,110,000	1,600,000	15.3	
		Weed	Leaf Vegitable	2011/3/23 11:30	819,000	1,620,000	16.8	
		Weed	Leaf Vegitable	2011/3/24 13:05	805,000	1,050,000	13.2	
		Weed	Leaf Vegitable	2011/3/25 12:20	400,000	398,000	12.3	
		Weed	Leaf Vegitable	2011/3/26 12:00	1,030,000	2,870,000	10.2	
		Weed	Leaf Vegitable	2011/3/27 11:40	508,000	910,000	11.2	
		Weed	Leaf Vegitable	2011/3/28 11:50	381,000	480,000	9.8	
		Weed	Leaf Vegitable	2011/3/29 11:10	330,000	311,000	9.2	
		Weed	Leaf Vegitable	2011/3/30 12:25	576,000	1,890,000	8.5	
		Weed	Leaf Vegitable	2011/3/31 11:30	303,000	1,620,000	8.0	
		Weed	Leaf Vegitable	2011/4/1 11:30	219,000	725,000	7.7	
		Weed	Leaf Vegitable	2011/4/2 11:24	171,000	863,000	8.6	
		Weed	Leaf Vegitable	2011/4/3 10:55	301,000	1,420,000	7.7	
		Weed	Leaf Vegitable	2011/4/4 10:05	192,000	275,000	7.2	
		Weed	Leaf Vegitable	2011/4/5 11:31	297,000	1,440,000	10.6	
		Weed	Leaf Vegitable	2011/4/6 11:23	161,000	1,070,000	9.5	
		Weed	Leaf Vegitable	2011/4/7 11:07	107,000	627,000	9.08	
		Weed	Leaf Vegitable	2011/4/8 11:30	186,000	567,000	10.20	
		Weed	Leaf Vegitable	2011/4/9 11:15	55,700	313,000	7.84	
		Weed	Leaf Vegitable	2011/4/10 11:20	10,100	29,200	9.5	
		Weed	Leaf Vegitable	2011/4/11 12:05	30,900	329,000	6.4	
【2-2】(About45 kmNorth/West)	Date county kawamata town	Weed	Leaf Vegitable	2011/3/18 11:45	173,000	72,800	-	
		Weed	Leaf Vegitable	2011/3/19 11:00	184,000	65,100	-	
		Weed	Leaf Vegitable	2011/3/20 12:05	308,000	138,000	4.2	
		Weed	Leaf Vegitable	2011/3/21 12:03	315,000	120,000	3.5	
		Weed	Leaf Vegitable	2011/3/22 11:00	180,000	89,000	7.8	
		Weed	Leaf Vegitable	2011/3/23 11:30	170,000	73,700	5.5	
		Weed	Leaf Vegitable	2011/3/23 11:30	74,400	23,100	5.5	No Washed＊1
		Weed	Leaf Vegitable	2011/3/23 11:30	46,200	16,000	5.5	Washed＊1
		Weed	Leaf Vegitable	2011/3/24 11:20	141,000	43,200	5.0	
		Weed	Leaf Vegitable	2011/3/25 11:30	155,000	53,000	7.5	
		Weed	Leaf Vegitable	2011/3/26 11:20	79,500	54,700	4.3	
		Weed	Leaf Vegitable	2011/3/27 10:45	50,000	32,900	5.5	
		Weed	Leaf Vegitable	2011/3/28 11:05	46,000	33,600	5.5	
		Weed	Leaf Vegitable	2011/3/29 11:00	71,900	67,900	4.8	
		Weed	Leaf Vegitable	2011/3/30 11:35	33,500	27,500	4.6	
		Weed	Leaf Vegitable	2011/3/31 10:35	33,000	34,100	4.8	
		Weed	Leaf Vegitable	2011/4/1 10:35	52,600	45,300	3.3	
		Weed	Leaf Vegitable	2011/4/2 10:34	34,100	36,200	3.2	
		Weed	Leaf Vegitable	2011/4/3 10:10	16,500	16,700	3.7	
		Weed	Leaf Vegitable	2011/4/4 10:05	46,500	61,000	3.1	
		Weed	Leaf Vegitable	2011/4/5 10:39	31,200	60,900	1.44	
		Weed	Leaf Vegitable	2011/4/6 10:38	31,200	61,200	1.7	
		Weed	Leaf Vegitable	2011/4/7 10:24	6,470	11,900	1.40	
		Weed	Leaf Vegitable	2011/4/8 10:50	7,000	15,100	1.37	
		Weed	Leaf Vegitable	2011/4/9 10:34	9,800	25,500	1.21	
		Weed	Leaf Vegitable	2011/4/10 10:40	5,840	12,100	1.4	
		Weed	Leaf Vegitable	2011/4/11 11:10	7,770	22,500	0.90	
【2-3】(About40 kmWest)	Tamura city Funehiki town funehiki	Weed	Leaf Vegitable	2011/3/18 11:35	36,000	40,100	1.6	
		Weed	Leaf Vegitable	2011/3/19 11:35	68,000	38,500	0.8	
		Weed	Leaf Vegitable	2011/3/20 12:40	75,700	50,000	0.7	
		Weed	Leaf Vegitable	2011/3/21 12:30	30,800	25,000	0.7	
		Weed	Leaf Vegitable	2011/3/22 11:30	43,200	25,000	1.4	
		Weed	Leaf Vegitable	2011/3/23 11:50	24,100	17,000	1.0	
		Weed	Leaf Vegitable	2011/3/24 11:35	29,400	32,600	0.5	
		Weed	Leaf Vegitable	2011/3/25 13:28	23,400	13,700	0.8	
		Weed	Leaf Vegitable	2011/3/26 11:35	33,100	10,700	0.6	
		Weed	Leaf Vegitable	2011/3/27 11:45	33,300	19,800	0.4	
		Weed	Leaf Vegitable	2011/3/28 11:36	37,000	22,400	0.7	
		Weed	Leaf Vegitable	2011/3/29 13:35	24,800	34,500	0.7	
		Weed	Leaf Vegitable	2011/3/30 12:30	18,600	18,800	0.5	
		Weed	Leaf Vegitable	2011/3/31 12:10	15,500	11,500	0.5	
		Weed	Leaf Vegitable	2011/4/1 12:21	15,800	17,200	0.3	
		Weed	Leaf Vegitable	2011/4/2 11:29	15,500	14,500	0.3	
		Weed	Leaf Vegitable	2011/4/3 11:28	9,640	6,140	0.3	
		Weed	Leaf Vegitable	2011/4/4 11:25	8,760	6,810	0.3	
		Weed	Leaf Vegitable	2011/4/5 11:42	7,450	7,480	0.43	
		Weed	Leaf Vegitable	2011/4/6 11:24	6,380	8,020	0.39	
		Weed	Leaf Vegitable	2011/4/7 11:24	2,600	2,330	0.35	
		Weed	Leaf Vegitable	2011/4/8 11:39	9,620	3,630	0.36	
		Weed	Leaf Vegitable	2011/4/9 11:23	1,140	1,720	0.31	
		Weed	Leaf Vegitable	2011/4/10 11:00	1,520	1,750	0.39	
		Weed	Leaf Vegitable	2011/4/11 11:00	709	390	0.42	

Sampling Point		Sample	Sort or Region	Sampling Time and Date	Radioactivity Concentration (Bq/kg)		Reading (μ Sv/h)	Note
					^{131}I	^{137}Cs		
【2-4】(About25 kmNorth)	Minami Soma city Haramachi ward Takami town	Weed	Leaf Vegitable	2011/3/18 13:30	88,600	17,800	-	
		Weed	Leaf Vegitable	2011/3/19 13:00	455,000	24,900	-	
		Weed	Leaf Vegitable	2011/3/20 14:30	497,000	24,700	3.4	
		Weed	Leaf Vegitable	2011/3/21 14:07	289,000	13,400	2.8	
		Weed	Leaf Vegitable	2011/3/22 13:35	140,000	17,200	1.8	
		Weed	Leaf Vegitable	2011/3/23 14:10	185,000	17,200	1.1	
		Weed	Leaf Vegitable	2011/3/24 14:40	184,000	27,900	1.2	
		Weed	Leaf Vegitable	2011/3/25 14:20	217,000	18,800	0.7	
		Weed	Leaf Vegitable	2011/3/26 13:50	83,700	10,500	1.3	
		Weed	Leaf Vegitable	2011/3/27 13:25	161,000	39,900	1.4	
		Weed	Leaf Vegitable	2011/3/28 13:27	113,000	23,900	0.7	
		Weed	Leaf Vegitable	2011/3/29 13:30	109,000	17,000	1.0	
		Weed	Leaf Vegitable	2011/3/30 14:45	113,000	13,100	0.0～1.3	
		Weed	Leaf Vegitable	2011/3/31 13:15	65,100	20,600	1.4	
		Weed	Leaf Vegitable	2011/4/1 13:40	44,900	12,400	1.2	
		Weed	Leaf Vegitable	2011/4/2 13:13	89,200	28,400	0.5	
		Weed	Leaf Vegitable	2011/4/3 12:35	170,000	84,200	1.0	
		Weed	Leaf Vegitable	2011/4/4 12:20	55,500	21,500	0.7	
		Weed	Leaf Vegitable	2011/4/5 13:05	68,900	55,200	0.65	
		Weed	Leaf Vegitable	2011/4/6 13:03	45,700	22,900	0.62	
		Weed	Leaf Vegitable	2011/4/7 12:48	21,200	15,000	0.64	
		Weed	Leaf Vegitable	2011/4/8 13:00	22,800	8,700	0.72	
		Weed	Leaf Vegitable	2011/4/9 13:00	9,560	4,890	0.78	
		Weed	Leaf Vegitable	2011/4/10 13:00	15,600	12,300	0.59	
		Weed	Leaf Vegitable	2011/4/11 14:00	24,800	22,300	0.60	
【2-5】(About40 kmSouth/West)	Tamura county Ono town Ononiimachi	Weed	Leaf Vegitable	2011/3/18 12:35	181,000	28,300	0.9	
		Weed	Leaf Vegitable	2011/3/19 12:15	201,000	73,800	0.7	
		Weed	Leaf Vegitable	2011/3/20 13:50	36,900	11,700	0.6	
		Weed	Leaf Vegitable	2011/3/21 13:40	20,300	11,200	0.4	
		Weed	Leaf Vegitable	2011/3/22 12:40	32,000	8,120	0.5	
		Weed	Leaf Vegitable	2011/3/23 12:50	22,300	10,300	0.5	
		Weed	Leaf Vegitable	2011/3/24 13:18	29,700	4,900	0.4	
		Weed	Leaf Vegitable	2011/3/25 11:30	21,800	8,040	0.4	
		Weed	Leaf Vegitable	2011/3/26 11:50	25,800	5,150	0.6	
		Weed	Leaf Vegitable	2011/3/27 11:10	18,600	4,970	0.5	
		Weed	Leaf Vegitable	2011/3/28 11:25	16,700	4,550	-	
		Weed	Leaf Vegitable	2011/3/29 11:30	16,700	3,770	0.3	
		Weed	Leaf Vegitable	2011/3/30 11:08	10,300	6,280	0.3	
		Weed	Leaf Vegitable	2011/3/31 11:11	9,960	6,600	0.3	
		Weed	Leaf Vegitable	2011/4/1 10:52	9,390	5,470	0.3	
		Weed	Leaf Vegitable	2011/4/2 10:46	6,590	3,830	0.3	
		Weed	Leaf Vegitable	2011/4/3 10:20	5,400	3,160	0.3	
		Weed	Leaf Vegitable	2011/4/4 10:17	4,080	4,090	0.3	
		Weed	Leaf Vegitable	2011/4/5 10:52	5,170	3,570	0.25	
		Weed	Leaf Vegitable	2011/4/6 10:38	4,230	2,780	0.25	
		Weed	Leaf Vegitable	2011/4/7 10:54	2,690	2,300	0.22	
		Weed	Leaf Vegitable	2011/4/8 10:44	933	962	0.17	
		Weed	Leaf Vegitable	2011/4/9 10:53	601	499	0.25	
		Weed	Leaf Vegitable	2011/4/10 10:40	637	420	0.23	
		Weed	Leaf Vegitable	2011/4/11 10:44	357	323	0.22	
【2-6】(About45 kmSouth)	Iwaki city taira aza umemoto	Weed	Leaf Vegitable	2011/3/18 13:15	890,000	17,400	-	
		Weed	Leaf Vegitable	2011/3/18 13:40	468,000	10,100	-	
		Weed	Leaf Vegitable	2011/3/20 15:25	548,000	17,500	0.6	
		Weed	Leaf Vegitable	2011/3/21 15:10	115,000	2,380	1.5	
		Weed	Leaf Vegitable	2011/3/22 13:50	448,000	18,600	0.6	
		Weed	Leaf Vegitable	2011/3/23 14:20	451,000	30,300	1.0	
		Weed	Leaf Vegitable	2011/3/24 15:00	454,000	6,210	1.4	
		Weed	Leaf Vegitable	2011/3/25 13:45	170,000	6,860	1.1	
		Weed	Leaf Vegitable	2011/3/26 13:50	291,000	12,800	1.0	
		Weed	Leaf Vegitable	2011/3/27 12:30	126,000	7,470	0.8	
		Weed	Leaf Vegitable	2011/3/28 12:50	71,800	4,370	0.3	
		Weed	Leaf Vegitable	2011/3/29 13:05	132,000	9,310	0.7	
		Weed	Leaf Vegitable	2011/3/30 12:30	121,000	10,100	0.3	
		Weed	Leaf Vegitable	2011/3/31 12:51	81,600	4,990	0.7	
		Weed	Leaf Vegitable	2011/4/1 12:19	166,000	7,180	0.8	
		Weed	Leaf Vegitable	2011/4/2 12:03	99,200	2,980	1.4	
		Weed	Leaf Vegitable	2011/4/3 11:45	35,600	3,320	0.4	
		Weed	Leaf Vegitable	2011/4/4 11:46	110,000	13,300	0.7	
		Weed	Leaf Vegitable	2011/4/5 12:10	46,800	4,190	0.42	
		Weed	Leaf Vegitable	2011/4/6 12:04	37,500	5,150	0.37	
		Weed	Leaf Vegitable	2011/4/7 12:22	15,000	1,890	0.35	
		Weed	Leaf Vegitable	2011/4/8 12:07	11,600	2,620	0.32	
		Weed	Leaf Vegitable	2011/4/9 12:18	10,300	2,340	0.33	
		Weed	Leaf Vegitable	2011/4/10 12:09	18,600	4,150	0.35	
		Weed	Leaf Vegitable	2011/4/11 12:18	12,300	2,170	0.26	

Sampling Point		Sample	Sort or Region	Sampling Time and Date	Radioactivity Concentration (Bq/kg)		Reading (μSv/h)	Note
					^{131}I	^{137}Cs		
【2-7】(About35 kmNorth/West)	Date county Kawamata town Yamakiya	Weed	Leaf Vegitable	2011/3/25 15:07	663,000	497,000	12.0	
		Weed	Leaf Vegitable	2011/3/26 14:03	488,000	571,000	8.8	
		Weed	Leaf Vegitable	2011/3/27 13:44	402,000	490,000	8.7	
		Weed	Leaf Vegitable	2011/3/28 13:39	443,000	689,000	8.4	
		Weed	Leaf Vegitable	2011/3/29 14:50	242,000	383,000	8.0	
		Weed	Leaf Vegitable	2011/3/30 14:00	287,000	338,000	13.9～15.4	
		Weed	Leaf Vegitable	2011/3/31 13:40	227,000	465,000	6.9	
		Weed	Leaf Vegitable	2011/4/1 14:23	503,000	968,000	6.5	
		Weed	Leaf Vegitable	2011/4/2 13:30	256,000	811,000	6.5	
		Weed	Leaf Vegitable	2011/4/3 13:22	153,000	373,000	6.0	
		Weed	Leaf Vegitable	2011/4/4 13:24	119,000	367,000	5.8	
		Weed	Leaf Vegitable	2011/4/5 13:40	189,000	409,000	3.02	
		Weed	Leaf Vegitable	2011/4/6 12:57	162,000	275,000	2.97	
		Weed	Leaf Vegitable	2011/4/7 13:02	90,000	211,000	-	
		Weed	Leaf Vegitable	2011/4/8 13:13	50,100	173,000	2.6	
		Weed	Leaf Vegitable	2011/4/9 12:51	18,700	37,500	2.4	
		Weed	Leaf Vegitable	2011/4/10 12:37	33,900	113,000	2.4	
		Weed	Leaf Vegitable	2011/4/11 12:22	4,800	17,900	3.0	
【2-8】(About50 kmNorth/West)	Date city Tsukidate town	Weed	Leaf Vegitable	2011/3/25 16:18	77,100	40,700	-	
		Weed	Leaf Vegitable	2011/3/26 15:13	39,400	24,000	-	
		Weed	Leaf Vegitable	2011/3/27 15:50	43,900	44,600	-	
		Weed	Leaf Vegitable	2011/3/28 14:37	43,300	52,000	-	
		Weed	Leaf Vegitable	2011/3/29 15:50	37,100	62,100	1.6	
		Weed	Leaf Vegitable	2011/3/30 16:05	33,800	44,300	-	
		Weed	Leaf Vegitable	2011/3/31 14:25	22,500	24,500	-	
		Weed	Leaf Vegitable	2011/4/1 15:14	72,000	91,600	-	
		Weed	Leaf Vegitable	2011/4/2 14:29	60,300	73,400	-	
		Weed	Leaf Vegitable	2011/4/3 14:13	42,700	56,000	-	
		Weed	Leaf Vegitable	2011/4/4 14:16	22,700	56,700	-	
		Weed	Leaf Vegitable	2011/4/5 14:25	24,800	46,800	1.29	
		Weed	Leaf Vegitable	2011/4/6 13:40	11,700	22,500	1.27	
		Weed	Leaf Vegitable	2011/4/7 13:46	9,570	19,900	1.39	
		Weed	Leaf Vegitable	2011/4/8 13:54	5,700	11,700	1.4	
		Weed	Leaf Vegitable	2011/4/9 13:39	2,050	2,420	0.9	
		Weed	Leaf Vegitable	2011/4/10 13:21	4,120	8,970	1.3	
		Weed	Leaf Vegitable	2011/4/11 13:04	4,200	11,400	1.3	
【2-9】(About45 kmWest/North/West)	Nihonmatsu city Kanairo	Weed	Leaf Vegitable	2011/3/25 11:40	73,400	235,000	-	
		Weed	Leaf Vegitable	2011/3/26 10:13	24,300	106,000	-	
		Weed	Leaf Vegitable	2011/3/27 10:30	73,400	230,000	-	
		Weed	Leaf Vegitable	2011/3/28 10:13	34,500	223,000	-	
		Weed	Leaf Vegitable	2011/3/29 11:45	34,000	160,000	-	
		Weed	Leaf Vegitable	2011/3/30 10:35	31,500	153,000	-	
		Weed	Leaf Vegitable	2011/3/31 10:50	17,700	131,000	-	
		Weed	Leaf Vegitable	2011/4/1 11:03	23,600	135,000	-	
		Weed	Leaf Vegitable	2011/4/2 10:08	35,000	217,000	-	
		Weed	Leaf Vegitable	2011/4/3 10:05	27,500	161,000	-	
		Weed	Leaf Vegitable	2011/4/4 10:04	21,800	170,000	-	
		Weed	Leaf Vegitable	2011/4/5 10:35	15,800	208,000	1.92	
		Weed	Leaf Vegitable	2011/4/6 10:13	7,870	66,100	2.32	
		Weed	Leaf Vegitable	2011/4/7 10:10	5,230	60,300	1.72	
		Weed	Leaf Vegitable	2011/4/8 10:24	6,630	80,600	1.7	
		Weed	Leaf Vegitable	2011/4/9 10:16	3,580	46,800	1.4	
		Weed	Leaf Vegitable	2011/4/10 10:00	3,010	26,500	0.68	
		Weed	Leaf Vegitable	2011/4/11 10:05	3,470	67,000	1.7	
【2-10】(About50 kmNorth)	Soma county Shinchi Town	Weed	Leaf Vegitable	2011/3/25 16:20	29,300	12,500	-	
【4-1】(About80 kmSouth/West)	Shirakawa City	Weed	Leaf Vegitable	2011/4/7 15:00	4,070	21,100	0.83	
		Weed	Leaf Vegitable	2011/4/8 14:50	4,180	28,400	0.84	
		Weed	Leaf Vegitable	2011/4/9 13:50	1,770	15,300	0.86	
		Weed	Leaf Vegitable	2011/4/10 13:40	1,100	4,340	0.70	
		Weed	Leaf Vegitable	2011/4/11 14:00	1,350	12,900	0.71	
【4-2】(About60 kmWest)	Sukagawa City Hachiman Town	Weed	Leaf Vegitable	2011/4/7 13:10	7,020	17,000	0.38	
		Weed	Leaf Vegitable	2011/4/8 11:50	5,520	16,100	0.39	
		Weed	Leaf Vegitable	2011/4/9 11:40	2,790	7,930	0.40	
		Weed	Leaf Vegitable	2011/4/10 11:20	3,180	13,000	0.37	
		Weed	Leaf Vegitable	2011/4/11 11:40	2,930	13,600	0.35	
【4-3】(About60 kmWest)	Adachi county Ootama Village	Weed	Leaf Vegitable	2011/4/7 11:10	3,090	27,900	0.7	
		Weed	Leaf Vegitable	2011/4/8 10:35	2,970	17,900	0.88	
		Weed	Leaf Vegitable	2011/4/9 10:20	1,410	8,440	0.75	
		Weed	Leaf Vegitable	2011/4/10 10:20	2,700	13,800	0.81	
		Weed	Leaf Vegitable	2011/4/11 10:20	3,150	27,900	0.80	
【4-4】(About70 kmSouth/West)	Shirakawa county Izumizaki Village	Weed	Leaf Vegitable	2011/4/7 14:10	3,710	8,200	0.7	
		Weed	Leaf Vegitable	2011/4/8 13:40	2,540	14,000	0.69	
		Weed	Leaf Vegitable	2011/4/9 13:10	1,370	9,690	0.68	
		Weed	Leaf Vegitable	2011/4/10 13:00	2,430	15,800	0.68	
		Weed	Leaf Vegitable	2011/4/11 13:10	1,200	7,950	0.60	
【4-5】(About 80km South/West)	Nishirakawa county Nishigou Village	Weed	Leaf Vegitable	2011/4/8 15:30	1,830	14,300	0.81	
		Weed	Leaf Vegitable	2011/4/9 14:20	422	5,210	0.80	
		Weed	Leaf Vegitable	2011/4/10 14:10	1,180	11,300	0.77	
		Weed	Leaf Vegitable	2011/4/11 14:40	454	4,350	0.69	

The government requests Fukushima Prefecture to gain the readings above.
As a general rule, samples are measured in the state of NOT washed.
＊1 : These are the readings of same sample in two different state, of washed and of not washed.
The readings since April 5 are the readings of Environmental Radiation Level in emergency monitoring by Fukushima Pref.

Readings of environmental monitaring samples (Island Water)

: the readings in this thick-frame box are new.

Sampling Point		Sample	Sort or Region	Sampling Time and Date	Radioactivity		Note
					^{131}I	^{137}Cs	
【2-1】 (About40kmNorth/West)	Soma county Iitate village Yagisawa	Island Water	Pond Water	2011/3/18 12:20	2,090	511	
		Island Water	Pond Water	2011/3/19 11:36	2,450	940	
		Island Water	Pond Water	2011/3/20 12:40	2,010	437	
		Island Water	Pond Water	2011/3/21 12:35	1,720	246	
		Island Water	Pond Water	2011/3/22 12:00	1,330	172	
		Island Water	Pond Water	2011/3/23 12:25	1,260	145	
		Island Water	Pond Water	2011/3/24 13:05	1,330	268	
		Island Water	Pond Water	2011/3/25 12:20	1,280	507	
		Island Water	Pond Water	2011/3/26 12:00	835	162	
		Island Water	Pond Water	2011/3/27 11:40	828	145	
		Island Water	Pond Water	2011/3/28 11:50	884	183	
		Island Water	Pond Water	2011/3/29 11:50	701	158	
		Island Water	Pond Water	2011/3/30 12:25	629	113	
		Island Water	Pond Water	2011/3/31 11:30	610	192	
		Island Water	Pond Water	2011/4/1 11:30	612	192	
		Island Water	Pond Water	2011/4/2 11:23	465	139	
		Island Water	Pond Water	2011/4/3 10:55	393	106	
		Island Water	Pond Water	2011/4/4 10:50	439	75	
		Island Water	Pond Water	2011/4/5 11:31	357	86	
		Island Water	Pond Water	2011/4/6 11:23	306	91	
		Island Water	Pond Water	2011/4/7 11:07	303	268	
		Island Water	Pond Water	2011/4/8 11:30	290	123	
		Island Water	Pond Water	2011/4/9 11:15	334	118	
		Island Water	Pond Water	2011/4/10 11:20	242	94.7	
		Island Water	Pond Water	2011/4/11 12:05	202	71.9	
【2-5】 (About40kmSouth/West)	Tamura county Ono town Ononiimachi	Island Water	Rain Water	2011/3/22 12:40	7,440	107	
		Island Water	Rain Water	2011/3/25 11:38	3,000	800	

The government requests Fukushima Prefecture to gain the readings above.

Readings of environmental monitaring samples (Island Soil)

: the readings in this thick-frame box are new.

Sampling Point		Sample	Sort or Region	Sampling Time and Date	Radioactivity		Note
					^{131}I	^{137}Cs	
【2-1】(About40kmNorthWest)	Souma county Iitate village Yagisawa	Island Soil	Soil	2011/3/19 11:40	300,000	28,100	
		Island Soil	Soil	2011/3/20 12:40	1,170,000	163,000	
		Island Soil	Soil	2011/3/21 12:32	207,000	39,900	
		Island Soil	Soil	2011/3/22 12:00	256,000	57,400	
		Island Soil	Soil	2011/3/23 12:25	135,000	32,200	
		Island Soil	Soil	2011/3/24 13:05	45,500	1,870	
		Island Soil	Soil	2011/3/25 13:05	265,000	27,900	
		Island Soil	Soil	2011/3/26 12:00	564,000	227,000	
		Island Soil	Soil	2011/3/26 15:20	82,000	28,000	
		Island Soil	Soil	2011/3/27 11:40	169,000	29,100	
		Island Soil	Soil	2011/3/27 12:00	69,800	20,800	
		Island Soil	Soil	2011/3/28 11:50	14,000	2,040	
		Island Soil	Soil	2011/3/28 12:10	23,100	860	
		Island Soil	Soil	2011/3/29 11:50	53,700	5,650	
		Island Soil	Soil	2011/3/29 12:10	58,400	25,100	
		Island Soil	Soil	2011/3/30 12:25	89,000	32,300	
		Island Soil	Soil	2011/3/30 12:45	11,900	408	
		Island Soil	Soil	2011/3/31 11:30	149,000	27,600	
		Island Soil	Soil	2011/3/31 11:45	60,800	26,500	
		Island Soil	Soil	2011/4/1 11:30	146,000	43,700	
		Island Soil	Soil	2011/4/1 12:05	21,400	1,410	
		Island Soil	Soil	2011/4/2 11:24	55,500	8,140	
		Island Soil	Soil	2011/4/2 11:48	61,900	30,800	
		Island Soil	Soil	2011/4/3 10:55	103,000	27,600	
		Island Soil	Soil	2011/4/3 11:15	9,670	885	
		Island Soil	Soil	2011/4/4 10:50	70,000	21,200	
		Island Soil	Soil	2011/4/4 11:10	40,400	23,100	
		Island Soil	Soil	2011/4/5 11:31	31,600	8,280	
		Island Soil	Soil	2011/4/5 11:53	59,300	24,500	
		Island Soil	Soil	2011/4/6 11:23	5,970	2,930	
		Island Soil	Soil	2011/4/6 11:47	31,100	12,100	
		Island Soil	Soil	2011/4/7 11:07	52,800	31,400	
		Island Soil	Soil	2011/4/7 11:30	57,300	3,500	
		Island Soil	Soil	2011/4/8 11:30	29,000	19,500	
		Island Soil	Soil	2011/4/8 11:45	64,600	34,200	
		Island Soil	Soil	2011/4/10 11:45	28,700	33,800	
		Island Soil	Soil	2011/4/11 12:05	62,600	35,900	
		Island Soil	Soil	2011/4/11 12:05	26,800	11,100	
【2-2】 (About45kmNorthWest)	Date county kawamata town	Island Soil	Soil	2011/3/18 11:45	84,300	14,200	
		Island Soil	Soil	2011/3/19 11:00	85,400	8,690	
		Island Soil	Soil	2011/3/20 12:04	151,000	15,100	
		Island Soil	Soil	2011/3/21 12:10	157,000	16,500	
		Island Soil	Soil	2011/3/22 11:00	38,900	4,720	
		Island Soil	Soil	2011/3/23 11:30	44,600	6,010	
		Island Soil	Soil	2011/3/24 11:20	21,500	1,160	
		Island Soil	Soil	2011/3/26 11:20	29,300	3,760	
		Island Soil	Soil	2011/3/27 10:45	44,900	7,580	
		Island Soil	Soil	2011/3/28 11:05	31,100	2,470	
		Island Soil	Soil	2011/3/29 11:00	34,400	5,900	
		Island Soil	Soil	2011/3/30 11:35	23,800	5,280	
		Island Soil	Soil	2011/3/31 10:35	32,300	6,810	
		Island Soil	Soil	2011/4/1 10:35	19,500	5,130	
		Island Soil	Soil	2011/4/2 10:39	22,000	5,740	
		Island Soil	Soil	2011/4/3 10:10	18,800	8,140	
		Island Soil	Soil	2011/4/4 10:05	18,800	8,020	
		Island Soil	Soil	2011/4/5 10:39	28,300	6,700	
		Island Soil	Soil	2011/4/6 10:38	16,400	5,320	
		Island Soil	Soil	2011/4/7 11:27	17,100	5,320	
		Island Soil	Soil	2011/4/8 10:50	12,000	4,710	
		Island Soil	Soil	2011/4/10 10:40	10,500	6,680	
		Island Soil	Soil	2011/4/11 11:10	8,580	5,130	

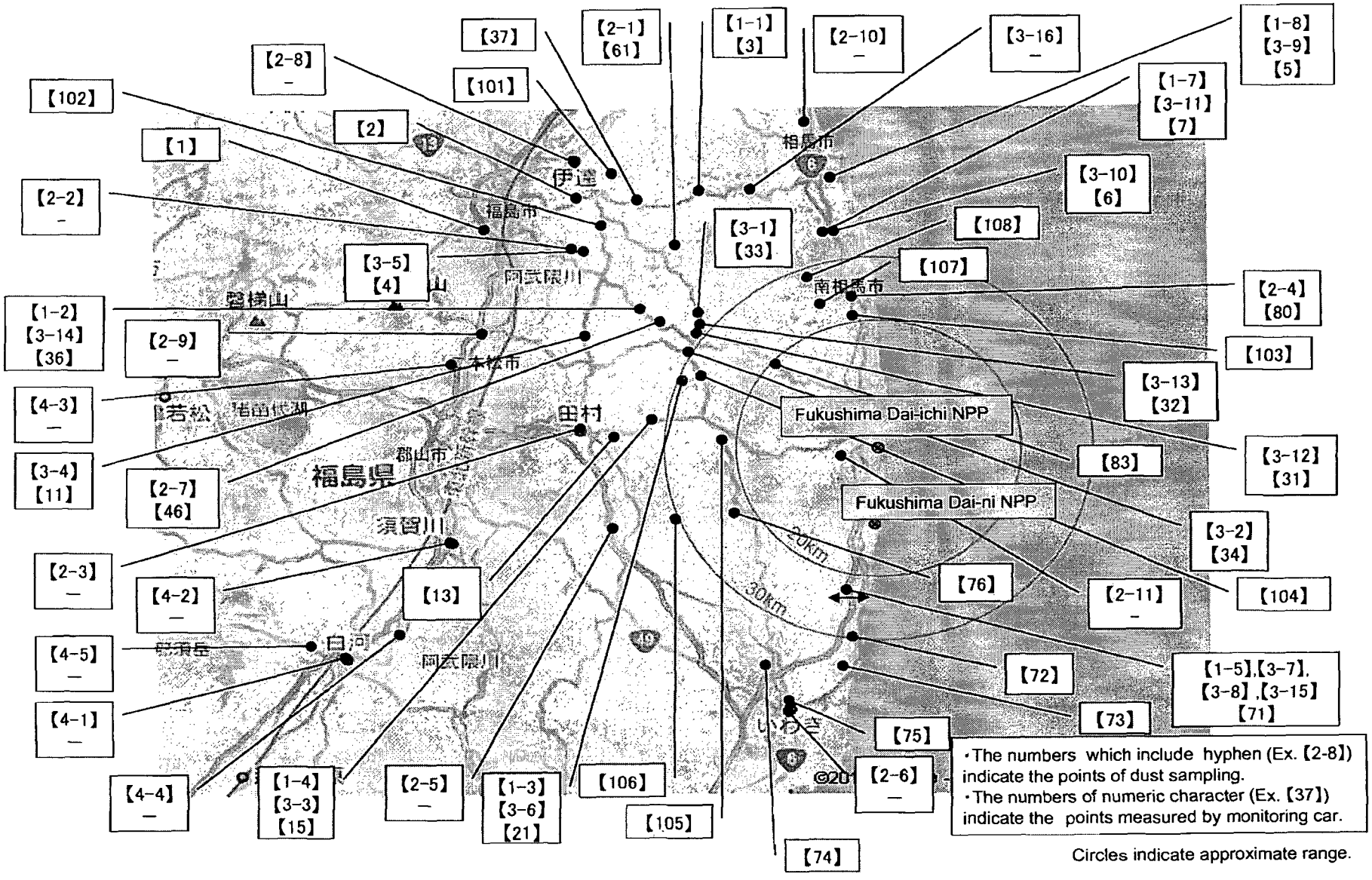
Sampling Point		Sample	Sort or Region	Sampling Time and Date	Radioactivity		Note
					^{131}I	^{137}Cs	
【2-3】(About40kmWest)	Tamura city Funehiki town funehiki	Island Soil	Soil	2011/3/18 11:50	19,300	3,510	
		Island Soil	Soil	2011/3/19 11:35	6,970	1,260	
		Island Soil	Soil	2011/3/20 12:40	5,390	1,250	
		Island Soil	Soil	2011/3/21 12:30	3,000	390	
		Island Soil	Soil	2011/3/22 11:30	7,290	1,290	
		Island Soil	Soil	2011/3/24 11:35	6,600	1,310	
		Island Soil	Soil	2011/3/25 13:35	5,480	778	
		Island Soil	Soil	2011/3/26 11:51	5,250	1,010	
		Island Soil	Soil	2011/3/27 11:45	3,700	796	
		Island Soil	Soil	2011/3/28 11:37	4,360	1,110	
		Island Soil	Soil	2011/3/29 13:35	5,080	1,610	
		Island Soil	Soil	2011/3/30 12:30	5,040	834	
		Island Soil	Soil	2011/3/31 12:10	3,530	1,180	
		Island Soil	Soil	2011/4/1 12:19	3,160	934	
		Island Soil	Soil	2011/4/2 11:27	2,200	803	
		Island Soil	Soil	2011/4/3 11:25	3,130	1,530	
		Island Soil	Soil	2011/4/4 11:23	3,070	1,570	
		Island Soil	Soil	2011/4/5 11:42	2,860	1,410	
		Island Soil	Soil	2011/4/6 11:28	772	127	
		Island Soil	Soil	2011/4/7 11:24	1,230	464	
		Island Soil	Soil	2011/4/8 11:31	334	145	
		Island Soil	Soil	2011/4/10 11:06	903	393	
		Island Soil	Soil	2011/4/11 11:00	593	323	
【2-4】(About25kmNorth)	Minami Soma city Haramachi ward Takami town	Island Soil	Soil	2011/3/18 13:30	22,600	3,280	
		Island Soil	Soil	2011/3/19 13:00	35,800	4,040	
		Island Soil	Soil	2011/3/20 14:30	35,800	4,850	
		Island Soil	Soil	2011/3/21 14:07	83,200	8,660	
		Island Soil	Soil	2011/3/23 14:10	16,600	1,720	
		Island Soil	Soil	2011/3/24 14:40	14,900	1,990	
		Island Soil	Soil	2011/3/25 14:20	2,480	189	
		Island Soil	Soil	2011/3/26 13:50	15,100	2,490	
		Island Soil	Soil	2011/3/27 13:25	10,100	1,520	
		Island Soil	Soil	2011/3/28 13:27	7,730	1,330	
		Island Soil	Soil	2011/3/29 13:30	9,010	2,200	
		Island Soil	Soil	2011/3/30 14:45	14,900	3,300	
		Island Soil	Soil	2011/3/31 13:15	7,980	2,850	
		Island Soil	Soil	2011/4/1 13:40	10,200	2,900	
		Island Soil	Soil	2011/4/2 13:17	8,210	2,410	
		Island Soil	Soil	2011/4/3 12:35	4,730	1,810	
		Island Soil	Soil	2011/4/4 12:20	14,800	4,770	
		Island Soil	Soil	2011/4/5 13:05	2,770	621	
		Island Soil	Soil	2011/4/6 13:03	1,860	425	
		Island Soil	Soil	2011/4/7 12:48	1,430	450	
		Island Soil	Soil	2011/4/8 13:00	1,510	1,630	
		Island Soil	Soil	2011/4/10 13:00	4,610	2,640	
		Island Soil	Soil	2011/4/11 14:00	1,280	346	
【2-5】(About40kmSouth West)	Tamura county Ono town Ononiimachi	Island Soil	Soil	2011/3/18 12:30	8,170	2,260	
		Island Soil	Soil	2011/3/19 12:15	14,100	4,630	
		Island Soil	Soil	2011/3/20 13:50	10,300	3,020	
		Island Soil	Soil	2011/3/21 13:40	4,830	910	
		Island Soil	Soil	2011/3/22 11:40	3,220	466	
		Island Soil	Soil	2011/3/23 12:50	6,430	1,590	
		Island Soil	Soil	2011/3/24 13:18	2,830	747	
		Island Soil	Soil	2011/3/25 11:39	3,000	800	
		Island Soil	Soil	2011/3/26 11:50	1,510	159	
		Island Soil	Soil	2011/3/27 11:10	2,140	158	
		Island Soil	Soil	2011/3/28 11:25	505	59	
		Island Soil	Soil	2011/3/29 11:30	2,290	161	
		Island Soil	Soil	2011/3/30 11:02	2,230	947	
		Island Soil	Soil	2011/3/31 11:10	1,690	342	
		Island Soil	Soil	2011/4/1 10:50	1,450	281	
		Island Soil	Soil	2011/4/2 10:40	1,390	600	
		Island Soil	Soil	2011/4/3 10:22	1,280	671	
		Island Soil	Soil	2011/4/4 10:17	791	139	
		Island Soil	Soil	2011/4/5 10:48	1,410	1,040	
		Island Soil	Soil	2011/4/6 10:35	650	240	
		Island Soil	Soil	2011/4/7 10:49	984	593	
		Island Soil	Soil	2011/4/8 10:40	1,720	1,900	
		Island Soil	Soil	2011/4/10 10:40	926	1,040	
		Island Soil	Soil	2011/4/11 10:44	316	238	

Sampling Point		Sample	Sort or Region	Sampling Time and Date	Radioactivity		Note
					^{131}I	^{137}Cs	
【2-6】(About45kmSouth)	Iwaki city taira aza umemoto	Island Soil	Soil	2011/3/19 13:15	12,600	288	
		Island Soil	Soil	2011/3/20 15:17	14,600	460	
		Island Soil	Soil	2011/3/21 15:10	30,700	1,220	
		Island Soil	Soil	2011/3/22 13:50	1,960	1,290	
		Island Soil	Soil	2011/3/23 14:20	32,600	840	
		Island Soil	Soil	2011/3/24 15:00	27,100	951	
		Island Soil	Soil	2011/3/25 13:45	23,900	519	
		Island Soil	Soil	2011/3/26 13:50	41,100	875	
		Island Soil	Soil	2011/3/27 12:30	25,100	849	
		Island Soil	Soil	2011/3/28 12:50	11,500	465	
		Island Soil	Soil	2011/3/29 13:05	15,700	617	
		Island Soil	Soil	2011/3/30 12:30	1,420	ND	
		Island Soil	Soil	2011/3/31 12:51	8,370	150	
		Island Soil	Soil	2011/4/1 12:17	1,540	50	
		Island Soil	Soil	2011/4/2 12:04	12,600	540	
		Island Soil	Soil	2011/4/3 11:45	1,400	56	
		Island Soil	Soil	2011/4/4 11:46	2,070	24	
		Island Soil	Soil	2011/4/5 12:10	1,280	21	
		Island Soil	Soil	2011/4/6 12:04	993	37	
		Island Soil	Soil	2011/4/7 12:11	4,210	329	
		Island Soil	Soil	2011/4/8 12:03	14,700	1,700	
		Island Soil	Soil	2011/4/10 12:09	8,240	1,230	
		Island Soil	Soil	2011/4/11 12:18	1,670	174	
【2-7】(About35 kmNorthWest)	Date county Kawamata town Yamakiya	Island Soil	Soil	2011/3/25 15:05	112,000	21,800	
		Island Soil	Soil	2011/3/26 13:59	100,000	21,900	
		Island Soil	Soil	2011/3/27 13:47	50,800	7,350	
		Island Soil	Soil	2011/3/28 13:39	39,800	4,330	
		Island Soil	Soil	2011/3/29 14:50	61,800	23,400	
		Island Soil	Soil	2011/3/30 14:00	42,600	7,750	
		Island Soil	Soil	2011/3/31 13:40	14,700	949	
		Island Soil	Soil	2011/4/1 14:22	26,400	3,900	
		Island Soil	Soil	2011/4/2 13:28	19,400	5,340	
		Island Soil	Soil	2011/4/3 13:20	43,000	22,000	
		Island Soil	Soil	2011/4/4 13:23	65,900	38,500	
		Island Soil	Soil	2011/4/5 13:40	39,300	16,300	
		Island Soil	Soil	2011/4/6 12:57	30,600	19,800	
		Island Soil	Soil	2011/4/7 13:02	38,300	22,300	
		Island Soil	Soil	2011/4/8 13:08	37,300	23,300	
		Island Soil	Soil	2011/4/10 12:37	9,550	7,200	
		Island Soil	Soil	2011/4/11 12:22	11,400	3,720	
【2-8】(About50 kmNorthWest)	Date city Tsukidate town	Island Soil	Soil	2011/3/24 12:10	41,200	6,850	
		Island Soil	Soil	2011/3/25 16:15	20,800	3,790	
		Island Soil	Soil	2011/3/26 15:13	16,000	3,740	
		Island Soil	Soil	2011/3/27 14:54	16,900	3,070	
		Island Soil	Soil	2011/3/28 14:34	22,300	5,320	
		Island Soil	Soil	2011/3/29 15:50	25,700	5,800	
		Island Soil	Soil	2011/3/30 16:05	20,500	3,360	
		Island Soil	Soil	2011/3/31 14:25	27,200	6,740	
		Island Soil	Soil	2011/4/1 15:12	27,000	6,030	
		Island Soil	Soil	2011/4/2 14:27	21,100	6,100	
		Island Soil	Soil	2011/4/3 14:11	25,800	8,510	
		Island Soil	Soil	2011/4/4 14:15	8,270	2,640	
		Island Soil	Soil	2011/4/5 14:25	18,900	7,180	
		Island Soil	Soil	2011/4/6 13:40	3,870	494	
		Island Soil	Soil	2011/4/7 13:46	2,730	400	
		Island Soil	Soil	2011/4/8 13:56	9,980	4,360	
		Island Soil	Soil	2011/4/10 13:21	2,510	452	
		Island Soil	Soil	2011/4/11 13:04	2,290	560	

Sampling Point		Sample	Sort or Region	Sampling Time and Date	Radioactivity		Note
					^{131}I	^{137}Cs	
【2-9】(About45 kmWestNorthWest)	Nihonmatsu city Kanairo	Island Soil	Soil	2011/3/25 11:35	32,900	9,330	
		Island Soil	Soil	2011/3/26 10:14	39,000	16,900	
		Island Soil	Soil	2011/3/27 10:26	49,300	22,700	
		Island Soil	Soil	2011/3/28 10:13	34,100	15,700	
		Island Soil	Soil	2011/3/29 11:45	36,400	21,100	
		Island Soil	Soil	2011/3/30 10:35	24,000	14,800	
		Island Soil	Soil	2011/3/31 10:50	24,400	14,200	
		Island Soil	Soil	2011/4/1 11:05	17,800	10,500	
		Island Soil	Soil	2011/4/2 10:05	5,010	12,700	
		Island Soil	Soil	2011/4/3 10:04	21,100	15,500	
		Island Soil	Soil	2011/4/4 10:02	20,300	19,200	
		Island Soil	Soil	2011/4/5 10:35	17,800	15,800	
		Island Soil	Soil	2011/4/6 10:13	12,000	8,000	
		Island Soil	Soil	2011/4/7 10:10	3,990	1,190	
		Island Soil	Soil	2011/4/8 10:20	15,900	16,300	
		Island Soil	Soil	2011/4/10 10:00	13,400	16,900	
		Island Soil	Soil	2011/4/11 10:05	4,230	3,200	
【2-10】(About50kmNorth)	Souma county Shinchi Town	Island Soil	Soil	2011/3/25 16:20	44	3,740	
【4-1】(About80kmSouth West)	Shirakawa City	Island Soil	Soil	2011/4/7 15:00	1,850	1,660	
		Island Soil	Soil	2011/4/8 14:50	1,630	1,520	
		Island Soil	Soil	2011/4/10 13:40	2,050	2,630	
		Island Soil	Soil	2011/4/11 14:00	1,220	1,320	
【4-2】(About60kmWest)	Sukagawa City Hachiman Town	Island Soil	Soil	2011/4/7 13:10	1,450	1,600	
		Island Soil	Soil	2011/4/8 11:50	1,090	925	
		Island Soil	Soil	2011/4/10 11:20	989	1,280	
		Island Soil	Soil	2011/4/11 11:40	1,280	1,820	
【4-3】(About60kmWest)	Adachi county Ootama Village	Island Soil	Soil	2011/4/7 11:10	3,770	3,310	
		Island Soil	Soil	2011/4/8 10:35	4,460	5,070	
		Island Soil	Soil	2011/4/10 10:20	5,100	6,220	
		Island Soil	Soil	2011/4/11 10:20	3,250	4,700	
【4-4】(About70kmSouth West)	Shirakawa county Izumizaki Village	Island Soil	Soil	2011/4/7 14:15	3,670	2,990	
		Island Soil	Soil	2011/4/7 14:10	1,830	1,390	
		Island Soil	Soil	2011/4/8 13:40	2,790	2,410	
		Island Soil	Soil	2011/4/10 13:00	1,280	1,890	
		Island Soil	Soil	2011/4/11 13:10	1,630	1,810	
【4-5】(About80kmSouth West)	Nishirakawa county Nishigou Village	Island Soil	Soil	2011/4/8 15:30	1,330	923	
		Island Soil	Soil	2011/4/10 14:10	1,480	1,460	
		Island Soil	Soil	2011/4/11 14:40	4,580	6,740	
(Reference)	(Reference)						
【2-11】(About5km South/West)	Futaba county Ookuma town	Island Soil	Soil	2011/3/31 13:00	423,000	98,100	

The government requests Fukushima Prefecture to gain the readings above.

Sampling points out of Fukushima Dai-ichi NPP



・The numbers which include hyphen (Ex. 【2-8】) indicate the points of dust sampling.
・The numbers of numeric character (Ex. 【37】) indicate the points measured by monitoring car.

Circles indicate approximate range.

Readings of Air Dose Rate in Fukushima Pref..(Report No.1)

As of 14:00 April 12,2011
Nuclear Emergency On-Site Task Force

＊1 the readings are measured by pocket dosimeter

Sampling Point (Oistance from Fukushima Dai-ichi NPP)	Installation Date and Time	Date and Time (last monitoring) (x)	Readings (last monitoring) (a) (μSv)	Monitoring Date and Time (y)	Reading of Integrated Dose (b) (μSv)	Accumulated Time (z = y − x)	Reading of integrated Dose (c = b − a) (μSv) Average does per hour (c/z)
Northern part's health and welfare office [Pref.1] (About61kmNorthWest)							
Date City Hall [Pref.2] (About62kmWestNorthWest)							
Motomiya City Hall [Pref.3] (About57kmWest)							
Fukushima Northern Police Station Koori branch [Pref.4] (About62kmNorthWest)							
Kunimi Town Hall [Pref.5] (About61kmNorthWest)							
Ootama Village Hall [Pref.6] (About60kmWestNorthWest)							
Nihonmatsu City Hall [Pref.7] (About58kmWestNorthWest)	2011/3/30 10:27	2011/3/30 10:27	0 ＊1	2011/4/11 10:07	693 ＊1	287h40minutes	693 (2.4 μSv/h)
Kawamata Town Hall [Pref.8] (About47kmWestNorthWest)	2011/3/30 11:10	2011/3/30 11:10	0 ＊1	2011/4/11 10:43	398 ＊1	287h33minutes	398 (1.4 μSv/h)
Fukushima City Iino branch office [Pref.9] (About51kmNorthWest)	2011/3/30 10:32	2011/3/30 10:32	0 ＊1	2011/4/11 17:33	436 ＊1	295h01minutes	436 (1.5 μSv/h)
Kooriyama Joint government building [Pref.10] (About58kmWest)	2011/4/10 10:00	2011/4/10 10:00	0 ＊1	2011/4/11 10:00	33 ＊1	24h00minutes	33 (1.4 μSv/h)
Sugakawa City Hall [Pref.11] (About80kmWestSouthWest)	2011/4/10 10:20	2011/4/10 10:20	0 ＊1	2011/4/11 10:00	13 ＊1	23h40minutes	13 (0.5 μSv/h)
Kagamiishi Town Hall [Pref.12] (About64kmWestSouthWest)	2011/4/10 11:00	2011/4/10 11:00	0 ＊1	2011/4/11 10:00	10 ＊1	23h00minutes	10 (0.4 μSv/h)
Tenei Town Hall [Pref.13] (About72kmWestSouthWest)	2011/4/10 11:54	2011/4/10 11:54	0 ＊1	2011/4/11 10:00	29 ＊1	22h06minutes	29 (1.3 μSv/h)
Ishikawa Town Hall [Pref.14] (About60kmWestSouthWest)	setting up the equipm						
Tamakawa Village Hall [Pref.15] (About60kmWestSouthWest)	2011/4/10 14:10	2011/4/10 14:10	0 ＊1	2011/4/11 10:00	14 ＊1	19h50minutes	14 (0.7 μSv/h)
Asakawa Town Hall [Pref.16] (About67kmSouthWest)	2011/4/10 15:30	2011/4/10 15:30	0 ＊1	2011/4/11 10:00	5 ＊1	18h30minutes	5 (0.3 μSv/h)

*1 the readings are measured by pocket dosimeter

Sampling Point (Distance from Fukushima Dai-ichi NPP)	Installation Date and Time	Date and Time (last monitoring) (x)	Readings (last monitoring) (a) (μSv)	Monitoring Date and Time (y)	Reading of Integrated Dose (b) (μSv)	Accumulated Time (z = y − x)	Reading of integrated Dose (c = b − a) (μSv) / Average does per hour (c/z)
Furudono Town Hall [Pref.17] (About56kmSouthWest)	2011/4/6 16:01	2011/4/6 16:01	0 *1	2011/4/11 10:00	90 *1	113h59minutes	90 / (0.8 μSv/h)
Tamura City Miyakoji Administration Bureau [Pref.18] (About21kmWest)	2011/3/30 13:00	2011/3/30 13:00	0 *1	2011/4/11 15:42	229 *1	290h42minutes	229 / (0.8 μSv/h)
Iwaisawa Elementary School [Pref.19] (About27kmWest)	2011/3/30 13:20	2011/3/30 13:20	0 *1	2011/4/11 15:54	480 *1	290h34minutes	480 / (1.7 μSv/h)
Tokiwa Administration Bureau [Pref.20] (About35kmWest)	2011/3/30 14:20	2011/3/30 14:20	0 *1	2011/4/11 16:13	167 *1	289h53minutes	167 / (0.6 μSv/h)
Tamura City Hall [Pref.21] (About41kmWest)	2011/3/30 12:05	2011/3/30 12:05	0 *1	2011/4/11 11:06	137 *1	287h01minutes	137 / (0.5 μSv/h)
Miharu Town Hall [Pref.22] (About48kmWest)	2011/3/30 15:00	2011/3/30 15:00	0 *1	2011/4/11 18:52	393 *1	291h52minutes	393 / (1.3 μSv/h)
Environment Center [Pref.23] (About60kmWest)	2011/3/30 16:08	2011/3/30 16:08	0 *1	2011/4/12 10:10	425 *1	306h02minutes	425 / (1.4 μSv/h)
Ono Town Hall [Pref.24] (About39kmWestSouthWest)	2011/3/30 10:56	2011/3/30 10:56	0 *1	2011/4/11 10:41	61 *1	287h45minutes	61 / (0.2 μSv/h)
Hirata Village Hall [Pref.25] (About47kmWestSouthWest)	2011/4/1 17:40	2011/4/1 17:40	0 *1	2011/4/11 15:57	100 *1	238h17minutes	100 / (0.4 μSv/h)
Shirakawa joint government Hall [Pref.26] (About81kmSouthWest)	2011/4/8 18:00	2011/4/8 18:00	0 *1	2011/4/11 10:00	24 *1	64h00minutes	24 / (0.4 μSv/h)
Nishigou Village Hall [Pref.27] (About84kmWestSouthWest)	2011/4/7 15:30	2011/4/7 15:30	0 *1	2011/4/11 10:00	62 *1	90h30minutes	62 / (0.7 μSv/h)
Izumizaki Village Hall [Pref.28] (About72kmWestSouthWest)	2011/4/7 17:40	2011/4/7 17:40	0 *1	2011/4/11 10:00	44 *1	88h20minutes	44 / (0.5 μSv/h)
Nakajima Village Hall [Pref.29] (About68kmWestSouthWest)	2011/4/7 17:10	2011/4/7 17:10	0 *1	2011/4/11 10:00	16 *1	88h50minutes	16 / (0.2 μSv/h)
Yabuki Town Hall [Pref.30] (About66kmWestSouthWest)	2011/4/7 16:40	2011/4/7 16:40	0 *1	2011/4/11 10:00	44 *1	89h20minutes	44 / (0.5 μSv/h)
Tanagura Town Hall [Pref.31] (About73kmWestSouthWest)	2011/4/8 16:45	2011/4/8 16:45	0 *1	2011/4/11 10:00	22 *1	65h15minutes	22 / (0.3 μSv/h)
Yamatsuri Town Hall [Pref.32] (About82kmSouthWest)	2011/4/8 15:40	2011/4/8 15:40	0 *1	2011/4/11 10:00	11 *1	66h20minutes	11 / (0.2 μSv/h)
Hanawa Town Hall [Pref.33] (About76kmSouthWest)	2011/4/8 16:10	2011/4/8 16:10	0 *1	2011/4/11 10:00	22 *1	65h50minutes	22 / (0.3 μSv/h)
Samegawa Village Hall [Pref.34] (About63kmSouthWest)	2011/4/8 14:05	2011/4/8 14:05	0 *1	2011/4/11 10:00	12 *1	67h55minutes	12 / (0.2 μSv/h)
Aizuwakamatsu joint government building [Pref.35] (About97kmWest)							
Kitakata City Hall [Pref.36] (About105kmWestNorthWest)							
Kita Shiobara Village Hall [Pref.37] (About100kmWestNorthWest)							
Nozawa Elementary School(Nishi Aizu Town) [Pref.38] (About124kmWest)							

＊1 the readings are measured by pocket dosimeter

Sampling Point (Distance from Fukushima Dai-ichi NPP)	Installation Date and Time	Date and Time (last monitoring) (x)	Readings (last monitoring) (a) (μSv)	Monitoring Date and Time (y)	Reading of Integrated Dose (b) (μSv)	Accumulated Time (z = y − x)	Reading of integrated Dose (c = b − a) (μSv) / Average does per hour (c/z)
Bandai Town Hall [Pref.39] (About94kmWest)							
Inawashiro Town Hall [Pref.40] (About83kmWest)							
Aizubange Town Hall [Pref.41] (About108kmWest)							
Yugawa Village Community Center [Pref.42] (About103kmWest)							
Yanaizu Town Hall [Pref.43] (About117kmWest)							
Mishima Town Hall [Pref.44] (About123kmWest)							
Kaneyama Town Hall [Pref.45] (About133kmWest)							
Shouwa Village Hall [Pref.46] (About126kmWest)							
Aizumisato Town Hall Takada branch [Pref.47] (About105kmWest)							
Minamiaizu joint government building [Pref.48] (About115kmWestSouthWest)	2011/4/8 9:38	2011/4/8 9:38	0 ＊1	2011/4/11 10:00	9 ＊1	72h22minutes	9 / (0.1 μSv/h)
Shimogou Town Hall [Pref.49] (About104kmWest)	Setting up the equipment						
Souma City Hall [Pref.50] (About43kmNorthNorthWest)	2011/3/29 13:38	2011/3/29 13:38	0 ＊1	2011/4/11 11:21	283 ＊1	309h43minutes	283 / (0.9 μSv/h)
Shinchi Town Hall [Pref.51] (About52kmNorthNorthWest)	2011/3/29 14:40	2011/3/29 14:40	0 ＊1	2011/4/11 11:51	323 ＊1	309h11minutes	323 / (1.0 μSv/h)
Minamisouma City Kashima office [Pref.52] (About32kmNorth)	2011/3/29 15:40	2011/3/29 15:40	0 ＊1	2011/4/11 12:25	353 ＊1	308h45minutes	353 / (1.1 μSv/h)
Bajikouen [Pref.53] (About20kmNorthWest)	2011/3/29 16:50	2011/3/29 16:50	0 ＊1	2011/4/11 13:08	829 ＊1	308h18minutes	829 / (2.7 μSv/h)
Ishigami junior high school(Minami Soma city) [Pref.54] (About25kmNorthNorthWest)	2011/3/29 17:12	2011/3/29 17:12	0 ＊1	2011/4/11 13:21	622 ＊1	308h09minutes	622 / (2.0 μSv/h)
Tsushima elementary school(Namie Town) [Pref.55] (About28kmNorthWest)	2011/3/30 11:40	2011/3/30 11:40	0 ＊1	2011/4/11 14:50	4663 ＊1	291h10minutes	4663 / (16.0 μSv/h)
Iwakioota Station [Pref.56] (About21kmNorth)	2011/3/29 16:22	2011/3/29 16:22	0 ＊1	2011/4/11 12:53	268 ＊1	308h31minutes	268 / (0.9 μSv/h)
Minamisouma Town Hall [Pref.57] (About24kmNorth)	2011/3/30 15:10	2011/3/30 15:10	0 ＊1	2011/4/10 13:00	224 ＊1	261h50minutes	224 / (0.9 μSv/h)
Iitate Village Hall [Pref.58] (About39kmNorthWest)	2011/3/30 13:20	2011/3/30 13:20	0 ＊1	2011/4/11 12:50	1410 ＊1	287h30minutes	1410 / (4.9 μSv/h)
Yamakiya Post Office [Pref.59] (About38kmNorthWest)	2011/3/30 13:54	2011/3/30 13:54	0 ＊1	2011/4/11 12:36	903 ＊1	286h42minutes	903 / (3.1 μSv/h)
Katsurao Village Hall [Pref.60] (About25kmWest)	2011/3/30 12:20	2011/3/30 12:20	0 ＊1	2011/4/11 15:17	626 ＊1	290h57minutes	626 / (2.2 μSv/h)
Futatsu-numa Park [Pref.61] (About24kmSouth)	2011/4/1 15:30	2011/4/1 15:30	0 ＊1	2011/4/11 13:59	308 ＊1	238h29minutes	308 / (1.3 μSv/h)

＊1 the readings are measured by pocket dosimeter

Sampling Point (Distance from Fukushima Dai-ichi NPP)	Installation Date and Time	Date and Time (last monitoring) (x)	Readings (last monitoring) (a) (μSv)	Monitoring Date and Time (y)	Reading of Integrated Dose (b) (μSv)	Accumulated Time (z = y − x)	Reading of integrated Dose (c = b − a) (μSv) / Average does per hour (c/z)
Iwaki joint government building [Pref.62] (About43kmSouthSouthWest)	2011/3/30 12:26	2011/3/30 12:26	0 ＊1	2011/4/11 10:00	230 ＊1	285h34minutes	230 (0.8 μSv/h)
Iwaki city Nakoso Branch Office [Pref.63] (About51kmSouthSouthWest)	2011/4/1 12:35	2011/4/1 12:35	0 ＊1	2011/4/11 11:45	67 ＊1	239h10minutes	67 (0.3 μSv/h)
Kawamae Station [Pref.64] (About35kmSouthWest)	2011/4/1 16:50	2011/4/1 16:50	0 ＊1	2011/4/11 15:24	108 ＊1	238h34minutes	108 (0.5 μSv/h)
Yumoto High School [Pref.65] (About51kmSouth)	2011/4/1 14:10	2011/4/1 14:10	0 ＊1	2011/4/11 12:41	147 ＊1	238h31minutes	147 (0.6 μSv/h)
Kairyu no Sato Center [Pref.66] (About28kmSouth)	2011/4/1 15:10	2011/4/1 15:10	0 ＊1	2011/4/11 13:42	277 ＊1	238h32minutes	277 (1.2 μSv/h)

Remarks)

- Reading by : Fukushima Pref. (Emergency Monitoring Unit)
- The figures of 0.0 in the column "Date and Time (last monitoring)" indicate that there was new instlation in the area.
- Measurement would be started as soon as the installation of the dosimeter in sampling points with no data now. (As of April 11th 2011, the installation has done at 47 points in 66 points all.)

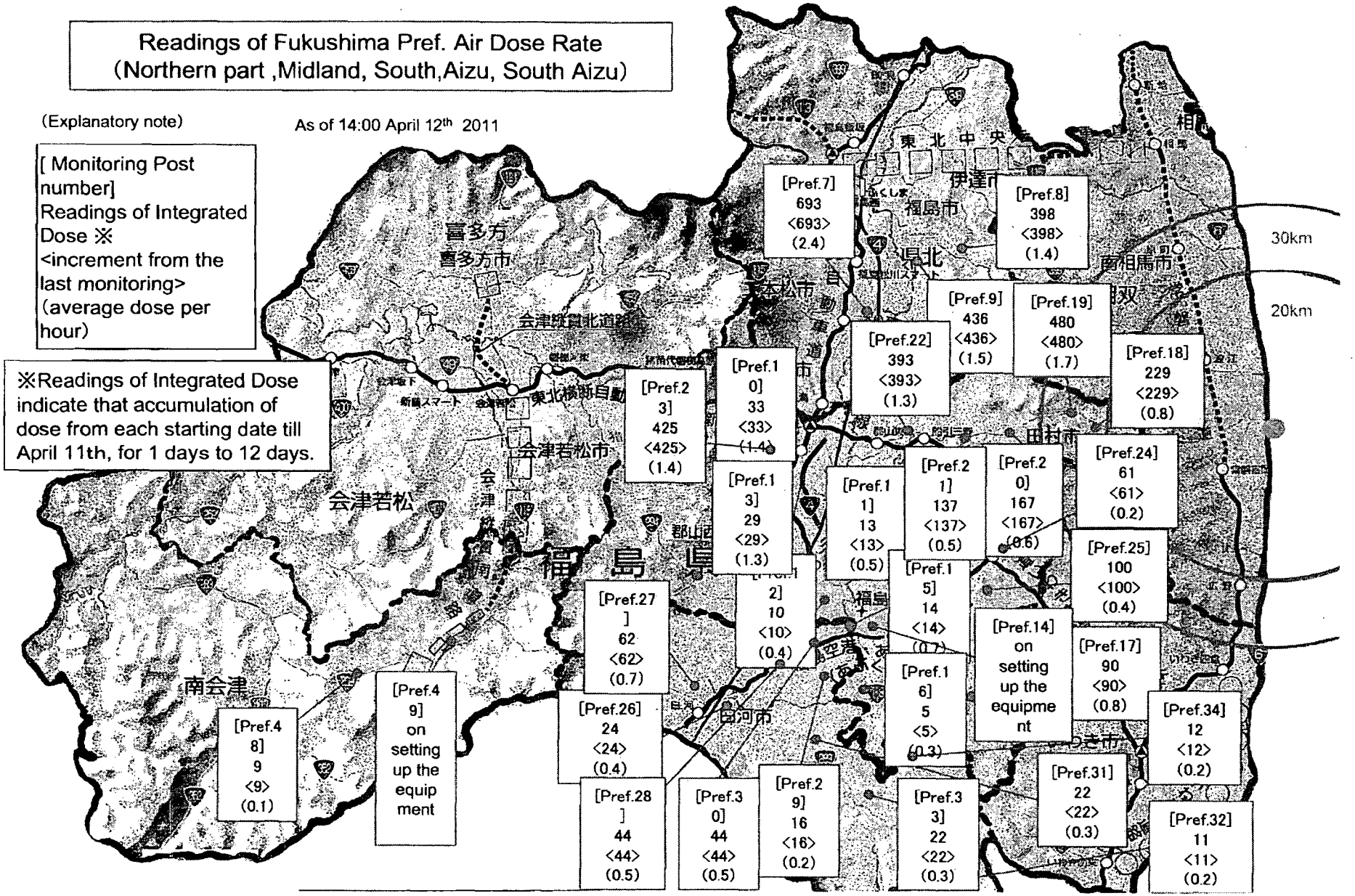
Readings of Fukushima Pref. Air Dose Rate (Northern part ,Midland, South,Aizu, South Aizu)

(Explanatory note)

As of 14:00 April 12th 2011

[Monitoring Post number]
Readings of Integrated Dose ※
<increment from the last monitoring>
(average dose per hour)

※Readings of Integrated Dose indicate that accumulation of dose from each starting date till April 11th, for 1 days to 12 days.



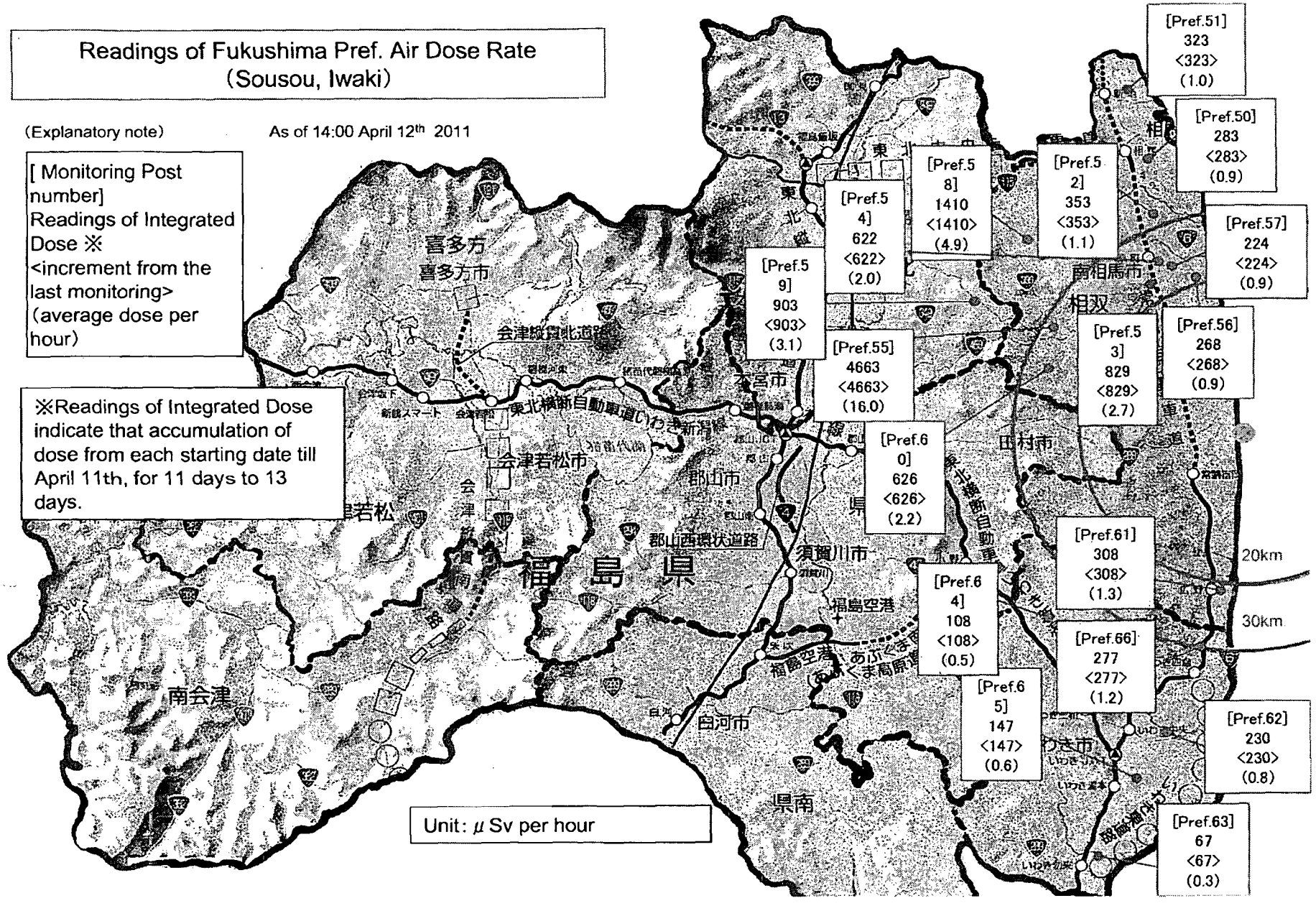
Readings of Fukushima Pref. Air Dose Rate (Sousou, Iwaki)

(Explanatory note)

As of 14:00 April 12th 2011

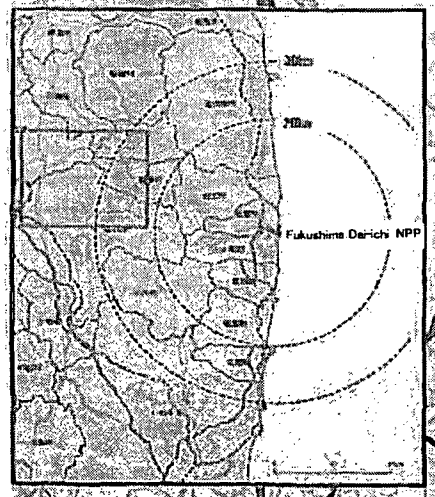
[Monitoring Post number]
Readings of Integrated Dose ※
<increment from the last monitoring>
(average dose per hour)

※Readings of Integrated Dose indicate that accumulation of dose from each starting date till April 11th, for 11 days to 13 days.



Readings at Monitoring Post in Namie Town・Katsurao Village・Tamura City

Sampling Date:April 12th, 2011



Nihonmatsu City

C1(5.8) Namie Town
C2(3.0)
C3(2.0)
C4(3.2)
C5(2.5)
C6(1.5)
Katsurao Village
C7(3.2)
C8(1.6)
C9(3.5)
C10(2.5)
C11(1.4)
C12(2.3)
C13(2.1)
C14(0.8)

D1(2.3)
D2(1.8)
D3(2.5)
D4(2.3)
D5(2.0)
D6(2.9)
D7(2.3)
D8(1.3)
D9(1.2)
D10(0.3)
D11(0.4)
D12(1.1)
D13(1.5)
D14(0.9)
D15(1.2)
D16(0.3)
D17(0.4)
D18(0.2)

Tamura City

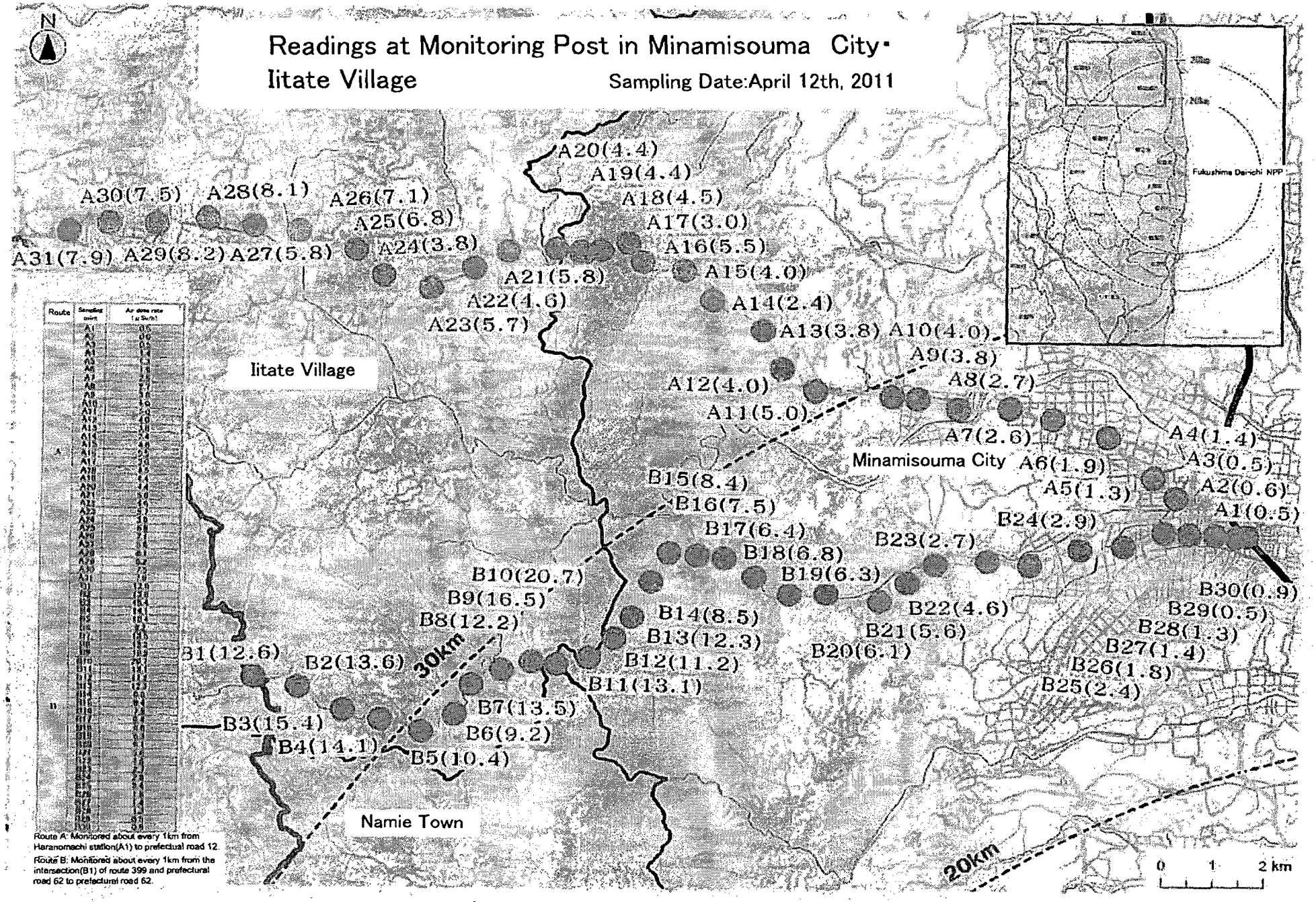
30km

Route	Sampling point	Air dose rate (μSv/h)
C	C1	5.8
	C2	3.0
	C3	2.0
	C4	3.2
	C5	2.5
	C6	1.5
	C7	3.2
	C8	1.6
	C9	3.5
	C10	2.5
	C11	1.4
	C12	2.3
	C13	2.1
	C14	0.8

Route	Sampling point	Air dose rate (μSv/h)
D	D1	2.3
	D2	1.8
	D3	2.5
	D4	2.3
	D5	2.0
	D6	2.9
	D7	2.3
	D8	1.3
	D9	1.2
	D10	0.3
	D11	0.4
	D12	1.1
	D13	1.5
	D14	0.9
	D15	1.2
	D16	0.3
	D17	0.4
	D18	0.2

oute C: Advanced southward from the intersection of route 399 and route 459. Monitored about every 1km.

oute D: Monitored about every 1km toward prefectural road 50・route349.

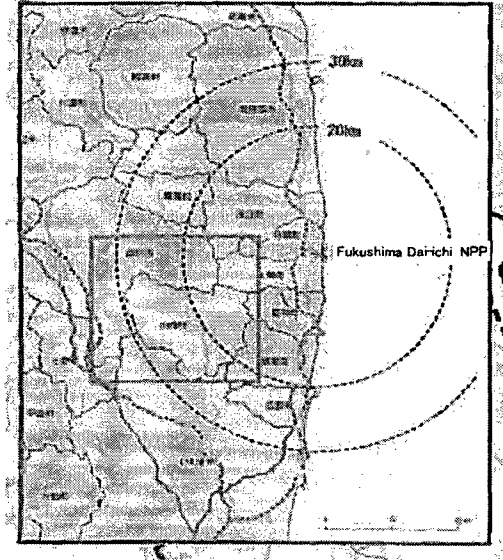

Readings at Monitoring Post in Minamisouma City・Iitate Village
Sampling Date:April 12th, 2011
N
Fukushima Daiichi NPP
20km
30km
Iitate Village
Minamisouma City
Namie Town
A30(7.5)
A28(8.1)
A26(7.1)
A25(6.8)
A31(7.9)
A29(8.2)
A27(5.8)
A24(3.8)
A20(4.4)
A19(4.4)
A18(4.5)
A17(3.0)
A16(5.5)
A15(4.0)
A21(5.8)
A22(4.6)
A23(5.7)
A14(2.4)
A13(3.8)
A10(4.0)
A9(3.8)
A8(2.7)
A12(4.0)
A11(5.0)
A7(2.6)
A4(1.4)
A6(1.9)
A3(0.5)
A5(1.3)
A2(0.6)
A1(0.5)
B15(8.4)
B16(7.5)
B17(6.4)
B18(6.8)
B19(6.3)
B24(2.9)
B23(2.7)
B30(0.9)
B29(0.5)
B28(1.3)
B27(1.4)
B26(1.8)
B25(2.4)
B22(4.6)
B21(5.6)
B20(6.1)
B10(20.7)
B9(16.5)
B8(12.2)
B14(8.5)
B13(12.3)
B12(11.2)
B11(13.1)
B1(12.6)
B2(13.6)
B7(13.5)
B3(15.4)
B6(9.2)
B4(14.1)
B5(10.4)
0 1 2 km
Route A: Monitored about every 1km from Haranomachi station(A1) to prefectual road 12.
Route B: Monitored about every 1km from the intersection(B1) of route 399 and prefectural road 62 to prefectural road 62.

Readings at Monitoring Post in Kawauchi Village

Sampling Date:April 12th, 2011

Route	Sampling point	Air dose rate (μSv/h)
F	F1	0.2
	F2	0.7
	F3	0.8
	F4	0.7
	F5	1.2
	F6	1.1
	F7	0.6
	F8	0.9
	F9	1.1
	F10	0.6
	F11	0.9
G	G1	0.4
	G2	0.8
	G3	0.4
	G4	1.0
	G5	0.8
	G6	1.2
	G7	1.2
	G8	0.9

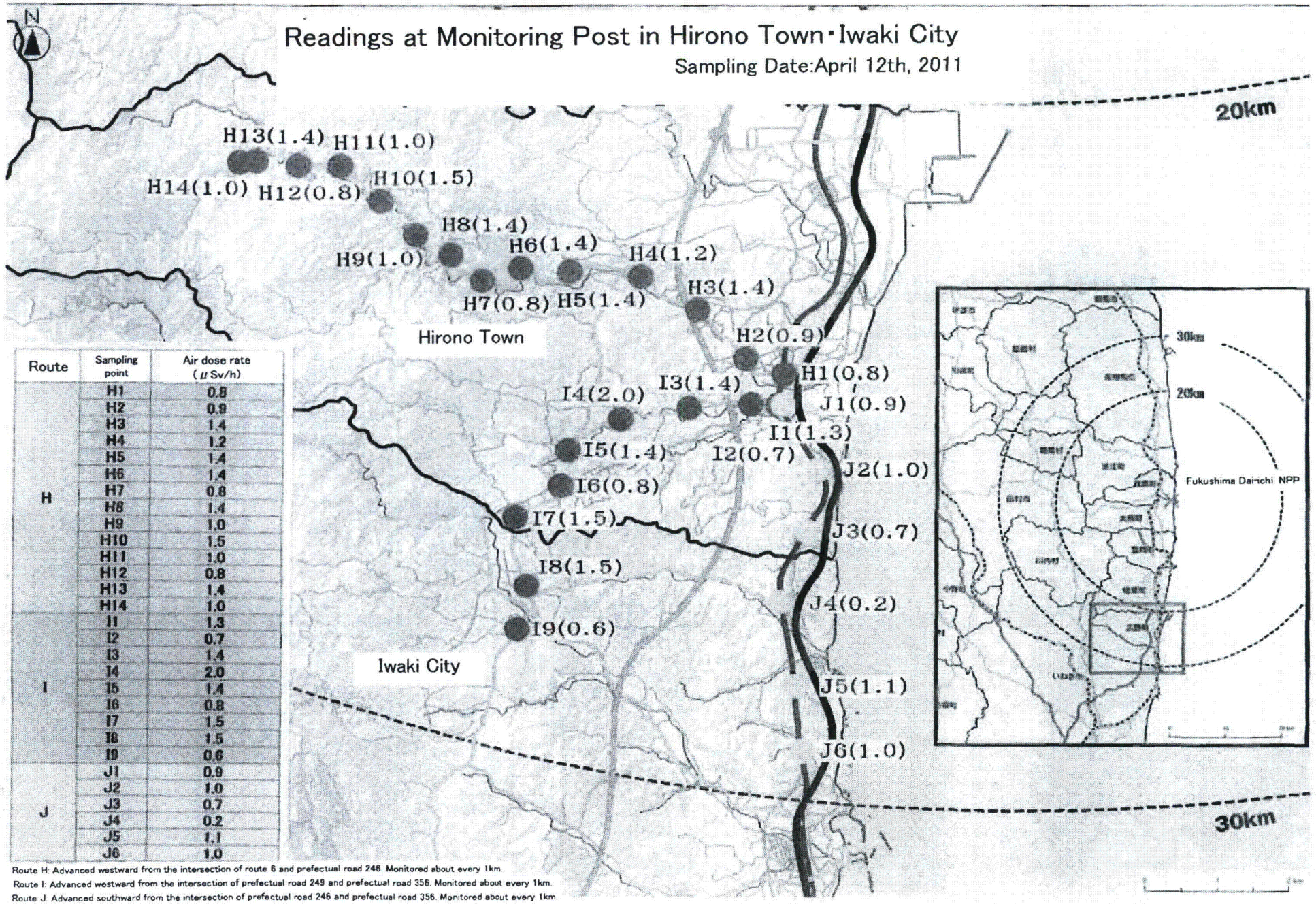
Route F: Advanced northwestward from the intersection of route 399 and prefectual road 112. Monitored about every 1km.
Route G: Advanced southwestward from the intersection of route 399 and prefectual road 38. Monitored about every 1km.



F11(0.9)
F9(1.1)
F10(0.6)
F8(0.9)
F7(0.6)
F6(1.1)
F5(1.2)
F4(0.7)
F2(0.7)
F3(0.8)
F1(0.2)
G1(0.4)
Kawauchi Village
G2(0.8)
G3(0.4)
G4(1.0)
G5(0.8)
G6(1.2)
G7(1.2)
G8(0.9)
30km
20km
0 1 2 km

Readings at Monitoring Post in Hirono Town・Iwaki City

Sampling Date:April 12th, 2011

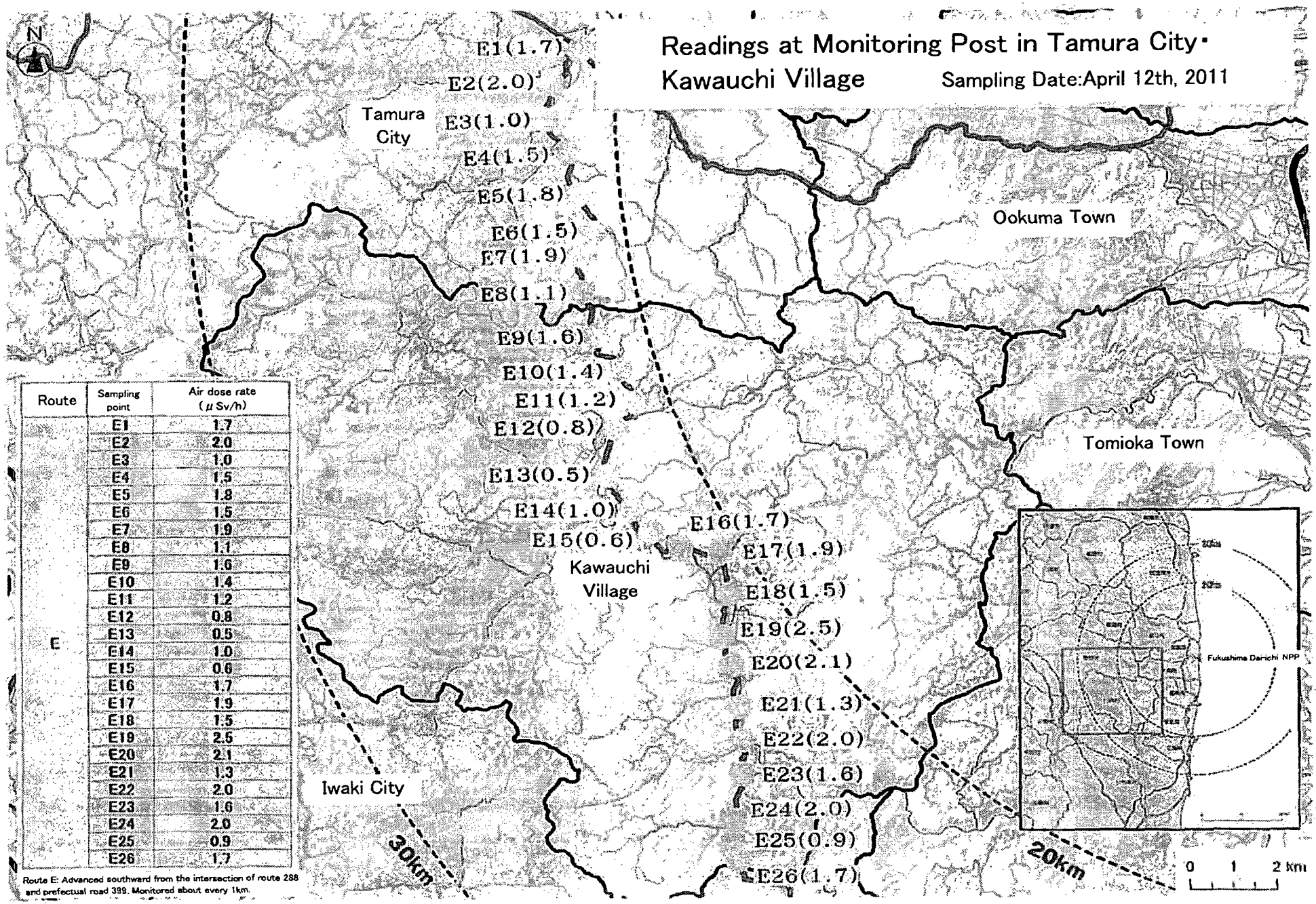


Route	Sampling point	Air dose rate (μSv/h)
H	H1	0.8
	H2	0.9
	H3	1.4
	H4	1.2
	H5	1.4
	H6	1.4
	H7	0.8
	H8	1.4
	H9	1.0
	H10	1.5
	H11	1.0
	H12	0.8
	H13	1.4
	H14	1.0
I	I1	1.3
	I2	0.7
	I3	1.4
	I4	2.0
	I5	1.4
	I6	0.8
	I7	1.5
	I8	1.5
	I9	0.6
J	J1	0.9
	J2	1.0
	J3	0.7
	J4	0.2
	J5	1.1
	J6	1.0

Route H: Advanced westward from the intersection of route 6 and prefectual road 246. Monitored about every 1km.

Route I: Advanced westward from the intersection of prefectual road 249 and prefectual road 356. Monitored about every 1km.

Route J: Advanced southward from the intersection of prefectual road 246 and prefectual road 356. Monitored about every 1km.



Route	Sampling point	Air dose rate (μSv/h)
E	E1	1.7
	E2	2.0
	E3	1.0
	E4	1.5
	E5	1.8
	E6	1.5
	E7	1.9
	E8	1.1
	E9	1.6
	E10	1.4
	E11	1.2
	E12	0.8
	E13	0.5
	E14	1.0
	E15	0.6
	E16	1.7
	E17	1.9
	E18	1.5
	E19	2.5
	E20	2.1
	E21	1.3
	E22	2.0
	E23	1.6
	E24	2.0
	E25	0.9
	E26	1.7

Route E: Advanced southward from the intersection of route 288 and prefectual road 399. Monitored about every 1km.

Wittick, Brian

From: Wittick, Brian
Sent: Saturday, April 16, 2011 10:41 PM
To: Emche, Danielle
Subject: Re: Donor countries

Danielle

There have been no additional meetings with other embassies since your departure. The only assist discussions I have noted are the consortium calls and embassy BACC meetings.

Thanks

Sent from NRC BlackBerry
Brian Wittick
(b)(6)

----- Original Message -----
From: Emche, Danielle
To: Wittick, Brian
Sent: Sat Apr 16 21:59:04 2011
Subject: Donor countries

Hi Brian,

Can you let me know about any additional meetings/mention of donor countries or meetings with other embassies? I need to close the loop with IAEA (I plan to let them know they should reach out to the Embassies in Tokyo if they would like to coordinate offers). Before I do, any meetings with or about other Embassies since I was there would generally be good to know about.

Kirk is going on rotation soon, so it might be good to cc me on your reports. I'm sure things are going fine for you. It's interesting being back. I've had some interesting questions from counterparts.

Danielle
Sent from an NRC BlackBerry.

AAAA/572

Wittick, Brian

From: Wittick, Brian
Sent: Saturday, April 16, 2011 7:30 PM
To: Meighan, Sean; Gepford, Heather; Huffert, Anthony
Subject: Fw: Go ahead with the noon time: Need to reschedule: Sunday meeting

FYI in case you are interested in joining at noon.

Sent from NRC BlackBerry
Brian Wittick
(b)(6)

----- Original Message -----
From: Reynolds, Steven
To: Garchow, Steve; Wittick, Brian; Mitman, Jeffrey; Moore, Carl; Lupold, Timothy
Sent: Sat Apr 16 18:53:38 2011
Subject: Go ahead with the noon time: Need to reschedule: Sunday meeting

Brian,

I talked Steve G. and the rest of the RST and they are good to meet with the INEL robotics folks at noon.

thanks,
Steve

From: Garchow, Steve
Sent: Saturday, April 16, 2011 4:08 PM
To: Wittick, Brian; Reynolds, Steven; Casto, Chuck; Gepford, Heather; Huffert, Anthony; Mitman, Jeffrey; Moore, Carl; Lupold, Timothy; Meighan, Sean
Subject: RE: Need to reschedule: Sunday meeting

We will support the meeting what ever the time. I have a call at 1600 but can make other arrangements if desired.

-----Original Message-----
From: Wittick, Brian
Sent: Saturday, April 16, 2011 5:00 PM
To: Reynolds, Steven; Casto, Chuck; Garchow, Steve; Gepford, Heather; Huffert, Anthony; Mitman, Jeffrey; Moore, Carl; Lupold, Timothy; Meighan, Sean
Subject: Re: Need to reschedule: Sunday meeting

Steve

I was approached by Ron Cherry last night who requested we meet with them. Ron has already handled the embassy access issues. They desire to meet with us as Ron feels we have knowledge about the site Rx and SFPs that would be useful in their mission planning for the robot, and felt they had information about the site we would be interested in.

AAAA/573

Their availability is limited since they depart north soon. If you desire, I may be able to move it up an hour...maybe two, or just cancel without resked.

Jeff, Carl and Sean were there when Ron approached us and expressed a desire to meet with them.

Please let me know how you desire to proceed.

Thanks

Sent from NRC BlackBerry
Brian Wittick

(b)(6)

----- Original Message -----
From: Reynolds, Steven
To: Wittick, Brian; Casto, Chuck; Garchow, Steve; Gepford, Heather; Huffert, Anthony; Mitman, Jeffrey; Moore, Carl; Lupold, Timothy; Meighan, Sean
Sent: Sat Apr 16 08:40:38 2011
Subject: Need to reschedule: Sunday meeting

Brian,

We need to reschedule this meeting as tomorrow is not a good time to be bringing extra people to the Embassy with the SOS arrival.

Second, I am not sure of the purpose of the meeting and would have appreciated a chance to discuss it with you before you set this meeting up.

Tomorrow let's discuss the reason and need for this meeting. Then we can decide which one of us, if anyone, should attend and when to have the meeting.

thanks,
Steve

From: Wittick, Brian
Sent: Saturday, April 16, 2011 4:58 AM
To: Reynolds, Steven; Casto, Chuck; Garchow, Steve; Gepford, Heather; Huffert, Anthony; Mitman, Jeffrey; Moore, Carl; Lupold, Timothy; Meighan, Sean
Subject: Sunday meeting

INL robotics reps would like to meet with our NRC site team Sunday at 1200 in our embassy spaces. They would like to exchange information in preps for their ops.

Sent from NRC BlackBerry
Brian Wittick

(b)(6)

Wittick, Brian

From: Wittick, Brian
Sent: Sunday, April 17, 2011 4:12 AM
To: LIA08 Hoc
Subject: RE: URGENT:no remaining water in the waste processing facility （資料送付）
Attachments: image001.gif

Milt,

This is not an actionable request from NRC Japan Site team.

Thanks

From: LIA08 Hoc
Sent: Sunday, April 17, 2011 3:23 AM
To: Wittick, Brian
Subject: FW: URGENT:no remaining water in the waste processing facility （資料送付）

Brian,
The ET Director would like to confirm that this email message is not an actionable request from the NRC Japan Site Team. The subject line is labeled as URGENT however, it seems to have just been forwarded to the HOO as the result of the distribution list. Please confirm no action required by NRC HQ Ops Center.

Milt Murray
Liaison Team Coordinator
US Nuclear Regulatory Commission
email: lia08.hoc@nrc.gov
Desk Ph: 301-816-5185

From: HOO Hoc
Sent: Saturday, April 16, 2011 8:38 PM
To: LIA07 Hoc; LIA08 Hoc; OST01 HOC
Subject: FW: URGENT:no remaining water in the waste processing facility （資料送付）

Headquarters Operations Officer
U.S. Nuclear Regulatory Commission
Phone: (301) 816-5148
Fax: (301) 816-5151
Email: hoo.hoc@nrc.gov
Secure Email: hoo@nrc.sgov.gov

U.S.NRC
United States Nuclear Regulatory Commission
Protecting People and the Environment

From: Hinds, Lynda J [mailto:HindsLJ@state.gov] **On Behalf Of** Tokyo Staff Assistant
Sent: Saturday, April 16, 2011 7:15 PM
To: (b)(6)
(b)(6)

AAA/574

(b)(6)

Subject: FW: URGENT:no remaining water in the waste processing facility （資料送付）

Lynda Hinds
Staff Assistant
(03) 3224- 5370

From: PROTOCOLOFFICE-EM [mailto:protocoloffice-em@mofa.go.jp]
Sent: Saturday, April 16, 2011 6:49 PM
To: PROTOCOLOFFICE-EM
Subject: URGENT:no remaining water in the waste processing facility （資料送付）

－Ｕｒｇｅｎｔ－
Official Notice
(16th April 2011)

To All Missions (Embassies, Consular posts and International Organizations in Japan)

The Ministry of Foreign Affairs has the honour to send the attached data sheets provided by the Ministries concerned on the status of the FUKUSHIMA NPP for the perusal of Missions.

List of attachments

1. **Levels of radioactive contaminants in foods (data reported on 15nd April 2011) (Ministry of Health, Labour and Welfare)**
2. Sum up of radionuclide test results (up-to-date Report as of 20:30, 15 April 2011)
3. **The instruction associated with food by Director-General of the Nuclear Emergency Response Headquarters (as of 14 April 2011)**

4. Press Release "Evaluation of Environment Radiation Monitoring Results" Original released at 16:45 April 15, 2011

5. Seismic Damage Information (the 95th Release)
(as of 15:00 April 15th, 2011)

6. Seismic Damage Information (the 96th Release)
(As of 08:00 April 16th, 2011)

7. Conditions of Fukushima Dai-ichi Nuclear Power Station Unit 1-6
(As of 7:00 April 16th, 2011)

(END)

Wittick, Brian

From: Wittick, Brian
Sent: Monday, April 18, 2011 12:34 AM
To: 'fullermg@state.gov'; (b)(6) 'WallMM@state.gov'; 'basallasi@state.gov'; 'christopher.smith@nnsa.doe.gov'; 'ZumwaltJP@state.gov'
Cc: Casto, Chuck; Reynolds, Steven
Subject: FW: Communication Plan Effective Document
Attachments: Communication Plan for Fukushima Events (revision 2).docx

Attached please find the Communication plan put in place between NISA and the U.S. Embassy/NRC.

Kind regards,
Brian

AAAA/575

Government of Japan and U.S. Embassy/U.S. Nuclear Regulatory Commission (NRC) Communication Plan In Case of Follow-on Event at Fukushima Daiichi

(This Plan is applicable until the Daiichi units are stable or until cancelled by either party)

Points of Contact:

U.S Embassy (operator) – (b)(6)

U.S. NRC Japan Duty Officer – (b)(6)

NISA International Affairs Office – (b)(6)

Event Criteria (based on site hazards that impact, or potentially impact, plant stability):

- Earthquakes of magnitude > 5.0 (Japanese scale)
- Events that result in loss of nuclear plant or spent fuel pool cooling for > 1 hour
- Site events that result in evacuation of the site for > 1 hour
- Events that would result in the need for reevaluation of accident mitigation measures or personnel protective actions (e.g. ventilation valve failure that results in a reduction of cooling flow)

Procedure:

1. It is requested that within 1 hour of identification of the above criteria to the government of Japan, reports should be made to the U.S. Embassy at the phone number provided above. When contacting the U.S. Embassy, call the phone number above and ask to speak to the Duty Officer. When the Duty Officer is connected provide the following information (Note: the Embassy operator can translate):

    - Time of the event
    - Impacts to site equipment or personnel
    - Plans for recovery

The U.S. Embassy Duty Officer will notify other government agencies as appropriate.

2. The U.S. Department of Energy (DOE) is working with the Government of Japan to install a temporary radiation monitoring system near the Fukushima site that has automated call out capability when certain radiation thresholds are exceeded. DOE will set up the system to provide call outs to both GOJ and U.S. entities once activated.

Merzke, Daniel

From: Merzke, Daniel
Sent: Tuesday, April 19, 2011 11:03 AM
To: Bowman, Eric
Subject: RE: Request from Marty from todays EDO's alignment meeting with Task Force (Japan Event)

Thanks a lot, Eric.

From: Bowman, Eric
Sent: Tuesday, April 19, 2011 10:33 AM
To: Merzke, Daniel
Cc: Stapleton, Bernard; Rosenberg, Stacey
Subject: RE: Request from Marty from todays EDO's alignment meeting with Task Force (Japan Event)

Dan,

Bern Stapleton is reviewing the document (NEI 06-12) to see that there is nothing that must be redacted prior to making it public. He indicated in the attached e-mail that he should get that done this week. Once he provides me that feedback, I'll be drafting a CA and working with NEI produce a redacted version should it be necessary.

Thanks!

Eric

From: Merzke, Daniel
Sent: Tuesday, April 19, 2011 10:27 AM
To: Bowman, Eric
Subject: FW: Request from Marty from todays EDO's alignment meeting with Task Force (Japan Event)

Hey Eric. Nathan directed me to you. NSIR appears to be in the dark concerning this issue on releasing the B.5.b guidance. Can you shed any light so I can respond to Marty's question? Thanks.

Dan

From: Sanfilippo, Nathan
Sent: Tuesday, April 19, 2011 10:03 AM
To: Merzke, Daniel
Subject: Re: Request from Marty from todays EDO's alignment meeting with Task Force (Japan Event)

NRR is actively working this. Talk to Eric Bowman.

Sent from my NRC BlackBerry

Nathan Sanfilippo
Executive Technical Assistant
(b)(6)

From: Merzke, Daniel
To: Sanfilippo, Nathan

AAAA/576

Sent: Tue Apr 19 10:02:07 2011
Subject: FW: Request from Marty from todays EDO's alignment meeting with Task Force (Japan Event)

Nathan, do you have any idea what's going on with B.5.b? According to Stephanie, at the alignment meeting you handed out a sheet, and one of the "Prompt Actions" was to release the B.5.b guidance, and apparently Marty is asking for a timeline. To whom is the guidance supposed to be released? The TA in NSIR doesn't know anything about this and says the last time they did anything with B.5.b was a couple of years ago. Can you provide any amplifying information? Thanks.

Dan

EDO

From: Bush-Goddard, Stephanie
Sent: Monday, April 18, 2011 5:41 PM
To: Merzke, Daniel
Subject: Request from Marty from todays EDO's alignment meeting with Task Force (Japan Event)

Dan,

In today's meeting: EDO Alignment for 5/12 & 6/16 CM re: Near Term Tasking - 30 Day Quick Look & 60 Day Quick Look for the Japanese Event;

Marty wants to confirm with NSIR that we are on a path forward for the B.5.B guidance, timelines and milestones and wants to see them.

We can discuss tomorrow.

-Steph

Stephanie Bush-Goddard, Ph. D. | Executive Technical Assistant | EDO | U.S. NRC
11555 Rockville Pike, Rockville, MD 20852 | ☎ (301) 415-1136 | ✉: Stephanie.Bush-Goddard@nrc.gov

Wittick, Brian

From: Wittick, Brian
Sent: Monday, April 18, 2011 3:15 PM
To: Doane, Margaret
Cc: Emche, Danielle; Foggie, Kirk; Ramsey, Jack; Mamish, Nader; Henderson, Karen
Subject: Re: Read out from 4/14 meetings

Margie,

I briefed Chuck on the status of activities regarding TMI. Thanks for taking the lead from there on engaging with NISA and JNES.

VR

Sent from NRC BlackBerry
Brian Wittick
(b)(6)

From: Doane, Margaret
To: Wittick, Brian
Cc: Emche, Danielle; Foggie, Kirk; Ramsey, Jack; Mamish, Nader; Henderson, Karen
Sent: Mon Apr 18 09:56:35 2011
Subject: RE: Read out from 4/14 meetings

Brian,
Do you need more from us at this time on the TMI issue, or are you ok with us continuing to work it from here with our JNES and NISA counterparts? Please let Chuck know that we are working it from here and will keep the site team informed about the status.
Margie

From: Wittick, Brian
Sent: Monday, April 18, 2011 1:58 AM
To: Ramsey, Jack; Doane, Margaret; Mamish, Nader; Henderson, Karen
Cc: Emche, Danielle; Foggie, Kirk
Subject: RE: Read out from 4/14 meetings

Jack,

This is very helpful. I spoke with Bannai (Margie's counterpart) about your TMI related activities to feel out if JNES was cooperating with NISA on this. He was unaware of the JNES interface, but was very interested in NISA participating in the dialogue. He would like to communicate with you about it to get NISA engaged. I will connect him to you separately.

Bannai also mentioned that Kirk had contacted him to start dialogues about TMI, which is good since there are likely some areas (e.g. OGC) where Sergey might not be able to obtain the expertise they need.

Thanks for all your help.

Brian

From: Ramsey, Jack
Sent: Sunday, April 17, 2011 9:55 PM
To: Wittick, Brian; Doane, Margaret; Mamish, Nader; Henderson, Karen

AAAA/577

Cc: Emche, Danielle; Foggie, Kirk
Subject: RE: Read out from 4/14 meetings

All,

FYI. Last week we had a meeting with the Washington JNES staff. At this meeting, among many topics, they requested to have a dialogue on how NRC's response to TMI specifically addressed organizational structure (how did NRC organize its various teams and activities that responded to TMI), radwaste disposal (what kind of requirements did NRC develop and impose upon the TMI licensee for radwaste disposal) and dose (how did NRC regulate dose to both workers and members of the public).

In response, our prime assistance contractor (Sergey) has been working to hire key individuals (retired from NRC) that actually responded to TMI. The idea is that, even though there's a lot of documentation available, having access to the experience and insight of the NRC staff that were actually involved with response to and oversight of TMI would be extremely valuable. To date, all of the individuals that are of immediate interest have been contacted and have agreed to support our efforts (including working for Sergey).

We promised the Washington JNES staff that we (using our contractors) would prepare an initial paper that addresses the immediate questions posed to us by JNES. The outline of this paper has been completed, and the corresponding sections are being written. I will check into this tomorrow (Monday morning WashDC time).

I hope this helps.

Jack

From: Wittick, Brian
Sent: Sunday, April 17, 2011 8:10 PM
To: Doane, Margaret; Ramsey, Jack; Mamish, Nader; Henderson, Karen
Cc: Emche, Danielle; Foggie, Kirk
Subject: RE: Read out from 4/14 meetings

Margie,

We have been asked by NISA several times since mid last week about the lessons learned from TMI piece. Chuck Casto would like to be able to tell Hosono that we are being responsive. Any assistance that can be provided to start engaging with them through normal cooperation channels to start engaging, clarify the scope and depth of information desired, and work the plan for providing the information is most appreciated.

If you prefer, I can start working it directly from here, but the feeling was these are information requests that are more in line with normal cooperation activities and less and emergency response function.

VR/
Brian

From: Doane, Margaret
Sent: Sunday, April 17, 2011 7:54 PM
To: Ramsey, Jack; Mamish, Nader; Henderson, Karen
Cc: Wittick, Brian
Subject: Fw: Read out from 4/14 meetings

Let's discuss ASAP to ensure we are considering.
Margie

Sent from an NRC Blackberry
Margaret Doane

From: Wittick, Brian
To: Doane, Margaret; Mamish, Nader
Cc: LIA08 Hoc; LIA02 Hoc; Foggie, Kirk; Abrams, Charlotte; Bloom, Steven
Sent: Thu Apr 14 05:25:24 2011
Subject: FW: Read out from 4/14 meetings

Margie,

Attached please find the results of the Thursday meeting. Please note that a couple of follow-up actions in support of NISA are outside the scope of the site team charter and require OIP coordination. These include review of alternative emergency actions, and lessons learned from TMI (specifically wrt legal and licensing issues). The later needs dialogue in the near term.

VR/
Brian

Merzke, Daniel

From:	Merzke, Daniel
Sent:	Tuesday, April 19, 2011 11:05 AM
To:	Virgilio, Martin
Cc:	Bush-Goddard, Stephanie
Subject:	FW: Request from Marty from todays EDO's alignment meeting with Task Force (Japan Event)
Attachments:	RE: ACTION REQUESTED: Review of NEI 06-12 for Security Related Content

Marty, concerning your question regarding release of B.5.b guidance, it looks like NSIR should complete review of NEI 06-12 by the end of the week to determine if anything needs to be redacted. Eric is ready to work with NEI in that case.

Dan

From: Bowman, Eric
Sent: Tuesday, April 19, 2011 10:33 AM
To: Merzke, Daniel
Cc: Stapleton, Bernard; Rosenberg, Stacey
Subject: RE: Request from Marty from todays EDO's alignment meeting with Task Force (Japan Event)

Dan,

Bern Stapleton is reviewing the document (NEI 06-12) to see that there is nothing that must be redacted prior to making it public. He indicated in the attached e-mail that he should get that done this week. Once he provides me that feedback, I'll be drafting a CA and working with NEI produce a redacted version should it be necessary.

Thanks!

Eric

From: Merzke, Daniel
Sent: Tuesday, April 19, 2011 10:27 AM
To: Bowman, Eric
Subject: FW: Request from Marty from todays EDO's alignment meeting with Task Force (Japan Event)

Hey Eric. Nathan directed me to you. NSIR appears to be in the dark concerning this issue on releasing the B.5.b guidance. Can you shed any light so I can respond to Marty's question? Thanks.

Dan

From: Sanfilippo, Nathan
Sent: Tuesday, April 19, 2011 10:03 AM
To: Merzke, Daniel
Subject: Re: Request from Marty from todays EDO's alignment meeting with Task Force (Japan Event)

NRR is actively working this. Talk to Eric Bowman.

Sent from my NRC BlackBerry

Nathan Sanfilippo

AAAA/579

Executive Technical Assistant
(b)(6)

EDO

From: Merzke, Daniel
To: Sanfilippo, Nathan
Sent: Tue Apr 19 10:02:07 2011
Subject: FW: Request from Marty from todays EDO's alignment meeting with Task Force (Japan Event)

Nathan, do you have any idea what's going on with B.5.b? According to Stephanie, at the alignment meeting you handed out a sheet, and one of the "Prompt Actions" was to release the B.5.b guidance, and apparently Marty is asking for a timeline. To whom is the guidance supposed to be released? The TA in NSIR doesn't know anything about this and says the last time they did anything with B.5.b was a couple of years ago. Can you provide any amplifying information? Thanks.

Dan

From: Bush-Goddard, Stephanie
Sent: Monday, April 18, 2011 5:41 PM
To: Merzke, Daniel
Subject: Request from Marty from todays EDO's alignment meeting with Task Force (Japan Event)

Dan,

In today's meeting: EDO Alignment for 5/12 & 6/16 CM re: Near Term Tasking - 30 Day Quick Look & 60 Day Quick Look for the Japanese Event;

Marty wants to confirm with NSIR that we are on a path forward for the B.5.B guidance, timelines and milestones and wants to see them.

We can discuss tomorrow.

-Steph

Stephanie Bush-Goddard, Ph. D. | Executive Technical Assistant | EDO | U.S. NRC
11555 Rockville Pike, Rockville, MD 20852 | ☎ (301) 415-1136 | ✉: Stephanie.Bush-Goddard@nrc.gov

Wittick, Brian

From: Wittick, Brian
Sent: Tuesday, April 19, 2011 3:06 AM
To: LIA08 Hoc
Subject: Re: request contact information for the Canadian embassy (likely the Science officer) in Tokyo

Thanks....perfect

Sent from NRC BlackBerry
Brian Wittick
(b)(6)

From: LIA08 Hoc
To: Wittick, Brian
Sent: Tue Apr 19 01:33:30 2011
Subject: RE: request contact information for the Canadian embassy (likely the Science officer) in Tokyo

Brian – This is what I could find for generic contact info for the Canadian Embassy in Japan. If this doesn't help let me know and we will try another route.

7-3-38 Akasaka, Minato-ku
Tokyo 107-8503, Japan
Tel: (011-81-3) 5412-6200

Commercial Division

E-mail: jpn.commerce@international.gc.ca

Investment, Science and Technology
Fax: (011-81-3) 5412-6254

Energy, Resources, Food and Consumer Products Section
Food / Consumer Products
Fax: (011-81-3) 5412-6327
Energy and Natural Resources / Building Products
Fax: (011-81-3) 5412-6345

High-technology (Trade Development)
Fax: (011-81-3) 5412-6250

Milt Murray
Liaison Team Coordinator
US Nuclear Regulatory Commission
email: lia08.hoc@nrc.gov
Desk Ph: 301-816-5185

From: Wittick, Brian
Sent: Tuesday, April 19, 2011 1:09 AM
To: LIA08 Hoc; LIA02 Hoc

AAAA/580

Cc: Fehst, Geraldine
Subject: request contact information for the Canadian embassy (likely the Science officer) in Tokyo

Wittick, Brian

From: Wittick, Brian
Sent: Tuesday, April 19, 2011 1:05 AM
To: Reynolds, Steven
Subject: FW: Interpreter for April 16th&17th

We need to try to id when we do not need interpreters earlier so as not to waste funds. Friday I would like to lock the plan for the weekend so we can turn off the interpreters without penalty.

Thanks,
Brian

From: Tanabe, Yuko [mailto:TanabeYX@state.gov]
Sent: Tuesday, April 19, 2011 12:56 AM
To: McKenna, Surin (DCHA/OFDA); Yoshikawa, Jin
Cc: Wittick, Brian; Yoshikawa, Jin
Subject: RE: Interpreter for April 16th&17th

Ms. McKenna,

Simul said they will not charge cancellation fee for Sunday, the 17th.
They will charge, however, for a half day for Saturday, the 16th, as the interpreter worked for an hour.

If you have any que stions, please let me know.

Sorry for the delay.
Yuko Tanabe

This email is UNCLASSIFIED.

From: McKenna, Surin (DCHA/OFDA) [mailto:smckenna@ofda.gov]
Sent: Tuesday, April 19, 2011 1:47 PM
To: Yoshikawa, Jin
Cc: Tanabe, Yuko
Subject: RE: Interpreter for April 16th&17th

Hi Jin-san and Yuko-san,

Any words from Simul on whether we will be charged for the cancellation over the weekend? Thanks.

Surin McKenna

Administrative Officer

Pacific Tsunami and Japan Earthquake DART

USAID/DCHA/OFDA
Office: (81) (3) 3224 5016
BB: (b)(6)

AAAA/581

Email : smckenna@ofda.gov
< /o:p>

DOS

From: Yoshikawa, Jin [mailto:YoshikawaJX@state.gov]
Sent: Monday, April 18, 2011 12:44 PM
To: McKenna, Surin (DCHA/OFDA)
Cc: Tanabe, Yuko
Subject: RE: Interpreter for April 16th&17th

According to Yuko Tanabe, the cancella tion charge is subject to negotiation. Yuko says she will check with the Simul tomorrow. Is it ok for you to wait till tomorrow?

T hanks,
Jin Yoshikawa
GSO/Procurement Unit
American Embassy-Tokyo

This email is UNCLASSIFIED.

From: McKen na, Surin (DCHA/OFDA) [mailto:smckenna@ofda.gov]
Sent: Mond ay, April 18, 2011 10:13 AM
To: Yoshikawa, Jin
Subject: FW: Interpreter for April 16th&17th

Forwarded for your reply as per Yoriko's out-of-office message. Thanks.

Surin McKenna
Administrative Officer
Pacific Tsunami and Japan Earthquake DART
USAID/DCHA/OFDA
Office: (81) (3) 3224 5016
BB: (b)(6)
Email: smckenna@ofda.gov

From: McKenna, Surin (DCHA/OFDA)
Sent: Monday, April 18, 2011 10:11 AM
To: 'tanabeyx@state.gov' (tanabeyx@state.gov)
Cc: NRC: Wittick, Brian
Subject: RE: Interpreter for April 16th&17th< o:p>
< /p>
Good Morning Yoriko-san,

Do you know if we will be charged for the cancellation of the inter pret er services for this weekend?

Thanks,
Surin McKenna
Administrative Officer
Pacific Tsunami and Japan Earthquake DART
USAID/DCHA/OFDA
Office: (81) (3) 3224 5016
~~BB: (1) 571 435 7653~~
~~Email: smckenna@ofda.gov~~

From: Bloom, Steven
Sent: Tuesday, April 19, 2011 6:46 AM
To: ET02 Hoc; Jackson, Karen; Kreuter, Jane
Subject: FW: Blackberries

From: Norwood, Donald
Sent: Monday, April 18, 2011 6:50 PM
To: Bloom, Steven
Subject: RE: Blackberries

Steve,

(b)(6)

Norwood

From: Bloom, Steven
Sent: Monday, April 18, 2011 4:23 PM
To: Meighan, Sean; Mitman, Jeffrey; Norwood, Donald
Cc: Jackson, Karen
Subject: Blackberries

Please send me your blackberry telephone numbers.

Thank you.

Steve

Steven Bloom, International Relations Specialist
International Cooperation and Assistance Branch (ICA)
301-415-2431
O-4F4
M/S O-4E21

AAAA/582

Last updated pages: 4/14/2011

#4 NRC TEAM in Japan - Leaving Week of April 9, 2011 - NRC TRAVELERS IN JAPAN

Name	Phone Number (internal BB or cell)	Email/Other	Flight Arrival (Japan Time)	Return date to U.S.	Emergency contact
Steve Garchow Region IV Senior Operations Engineer	(b)(6)	Steve.Garchow@nrc.gov	Apr 13, 3:15 pm	May 3, 10:45 am	(b)(6)
Heather Gepford Region II Technical Assistant		Heather.Gepford@nrc.gov	Apr 13, 4:15 pm	May 3, 1:15 pm	
Anthony (Tony) Huffert RES Sr. Health Physicist		Anthony.Huffert@nrc.gov	Apr 13, 3:10 pm	May 3, 3:37 pm	
Jeff Mitman NRR Sr. Reliability & Risk Analyst	Cell (b)(6) (b)(6)	Jeffrey.Mitman@nrc.gov	April 13, 3:10 pm	May 3, 3:37 pm	
Carl Moore Region III Operations Engineer	(b)(6)	Carl.Moore@nrc.gov	Apr 13, 4:15 pm	May 3, 8:55 am	
Steve Reynolds Region III Executive Level – Team Lead To replace Elmo Collins		Steven.Reynolds@nrc.gov	April 13, 4:15 pm	May 3, 4:05 pm	
Tim Lupold NRR		Timothy.Lupold@nrc.gov	Apr 15 3:10 p.m.	May 3 3:37 p.m.	
Sean Meighan **NRR**	(b)(6)	Sean.meighan@nrc.gov (b)(6)	April 15 3:10 p.m.	May 3 3:37 p.m.	
Donald Norwood **NSIR**		Donald.norwood@nrc.gov			
Brian Wittick, OIP Licensing Officer		Brian.Wittick@nrc.gov	Sun, Apr 9 3:55 p.m.	Sat, April 30 3:37 p.m.	Susan.Wittick@nrc.gov

#3 NRC TEAM in Japan - Leaving April 2/3 and Return on April 16, 2011 - NRC TRAVELERS IN JAPAN

Name	Phone Number (internal BB or cell)	Email/Other	Flight Arrival (Japan Time)	Return date to U.S.	Emergency contact
Vince Holahan, FSME Sr. level Advisor **Departure with Navy Honolulu, HI**			March 28 9:35 p.m.		

TEAM #1 - NRC TRAVELER INFORMATION IN JAPAN

Name	Phone Number	Email	Flight Arrival (Japan Time)	Flight Arrival (EDT)	Return Date to U.S.
Chuck Casto - Will remain in Japan Deputy Regional Administrator, Region II Executive Level – Team Lead Interface with the Ambassador, military, Japan cabinet and regulators	(b)(6)	Chuck.casto@nrc.gov	1:30 PM Wed., 3/16		April 12, 2011

EVERYBODY IS STAYING AT HOTEL IN TOKYO

(b)(6)

From: Hincke, John
Sent: Tuesday, April 19, 2011 12:23 PM
To: ET02 Hoc; Jackson, Karen
Cc: Turner, Joseph; Brusoe, Eric; Erskine, Pamela; Heard, Robert; Wisongo, Serge; Reyes, Debra
Subject: RE: at&t cards
Attachments: image001.jpg

Hi Karen,

If no one on the Japan team in Japan needs the last ATT Air card (Richard Devercelly's card), please send it back with the next returning staff member (it could come back w Chuck Casto's Verizon air card). I'd appreciate a heads-up on what air cards are being returned.

Don is right in that there are no more Verizon air cards in Japan. There were only 4 Verizon air-cards deployed to Japan (in the first group going over), and Don was exchanging the last ones.

Thanks,

John Hincke, PMP
L3 Communications
L3 STRATIS
John.Hincke@NRC.gov
(b)(6) (Blackberry)
703-434-5959 (Office)

From: ET02 Hoc
Sent: Tuesday, April 19, 2011 9:31 AM
To: Wisongo, Serge; Reyes, Debra; Hincke, John
Cc: Turner, Joseph; Jackson, Karen
Subject: FW: at&t cards
Importance: High

Everyone:

Please see the e-mail below from Don Norwood – he's the one who went to Japan on Saturday and delivered (or tried to deliver) the new AT&T air cards. Please let me know who to respond to his question regarding Devercelly's card. Thanks very much....karen

From: Jackson, Karen
Sent: Tuesday, April 19, 2011 7:04 AM
To: ET02 Hoc
Subject: FW: at&t cards

...karen jackson
Emergency Response Coordinator

AAAA/583

DPR/NSIR/USNRC
Office: 301-415-6398
Cell: (b)(6)
MS: T-4L7
e-mail: karen.jackson@nrc.gov

From: Norwood, Donald
Sent: Monday, April 18, 2011 7:59 PM
To: Jackson, Karen
Cc: Norwood, Donald
Subject: at&t cards

Karen,

I gave Chuck Casto the card with his name on it.

John Moniger and Richard Devercelly had already left Japan when I arrived. I gave John Moniger's card to Steve Reynolds. I still have Richard Devercelly's card in my possession. What would you like me to do with Devercelly's card. It does not look like anyone else is using a Verizon card.

Carl Moore also wanted me to let you know that he has the at&t card that Alan Blamey was using (b)(6) (b)(6).

Norwood

From: Jackson, Karen
Sent: Wednesday, April 20, 2011 8:13 AM
To: Norwood, Donald
Cc: ET02 Hoc
Subject: FW: at&t cards

Don:
Please see the OIS response to your question concerning the extra AT&T card. Do you want to bring it back with you since I think most of you are leaving Japan at the same time? Thanks...karen

---

From: Hincke, John
Sent: Tuesday, April 19, 2011 12:23 PM
To: ET02 Hoc; Jackson, Karen
Cc: Turner, Joseph; Brusoe, Eric; Erskine, Pamela; Heard, Robert; Wisongo, Serge; Reyes, Debra
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Thanks,

John Hincke, PMP
L3 Communications

John.Hincke@NRC.gov
(b)(6) (Blackberry).
703-434-5959 (Office)

From: ET02 Hoc
Sent: Tuesday, April 19, 2011 9:31 AM
To: Wisongo, Serge; Reyes, Debra; Hincke, John
Cc: Turner, Joseph; Jackson, Karen
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From: Jackson, Karen
Sent: Tuesday, April 19, 2011 7:04 AM

AAAA/ 581

To: ET02 Hoc
Subject: FW: at&t cards

...karen jackson
Emergency Response Coordinator
DPR/NSIR/USNRC
Office: 301-415-6398
Cell: (b)(6)
MS: T-4L7
e-mail: karen.jackson@nrc.gov

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To: Jackson, Karen
Cc: Norwood, Donald
Subject: at&t cards

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Norwood