From: Sent: Ou, Andrew H [OuAH@state.gov] Thursday, March 17, 2011 7:16 PM

To:

JapanEmbassy, TaskForce; Whitney, Thomas C; Masuda, Tracy L; Dudley, Katherine F; Sim, Hyon B; Mears, Jeremy M; Lee, Ti-Ying; Ryan, Emmett Jerome; Hotz, Raymond E; Chen, Perry Y; Burleson, Edward C; Wakahiro, Gary S; Utschig, Andrew S; Bernier-Toth, Michelle; Fitzgerald, Paul M; Zareski, Karen B; Shelbourn, Brian L; Cubas, Jason R; Christopher, William W; Kaneshiro, Claire K; Greene, Raymond F; Stewart, Jonas D; Ries, John N; Dong, Edward K; Jenks, Darrell A; Washburn, Lisa L; Tokyo-Visa-Officers-DL; Roos, John; Luke, Robert S; Ries, John N; Dong, Edward K; Stewart, Jonas D; Greene, Raymond F; Cubas, Jason R; Fuller, Matthew G; Basalla, Suzanne I; Hinds, Lynda J; sroos@cookroos.com; Cherry, Ronald C; Dresser, Heather L (EAP/J); TOKYO POL All: Wood, Robert A; Nawn, Jeff; Angelov, Bonnie A; Kelley, Karen D (IO/Tokyo);

Cc:

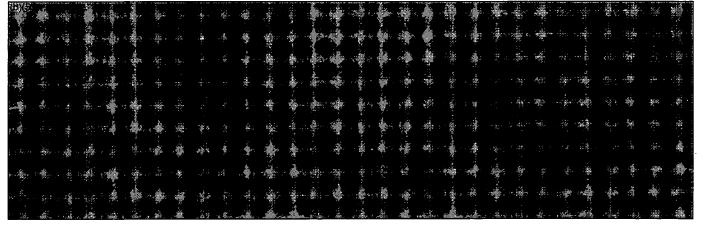
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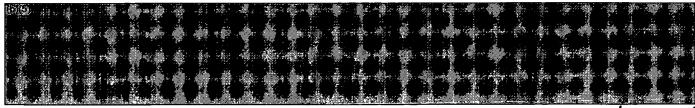
Damian.Peko@Nuclear.Energy.gov; aleshia.duncan@nuclear.energy.gov; edward.meginnis@nuclear.energy.gov; King, Terri L; Hefner, Timothy B; Tanaka, Rodney S; Napier, Bradford; Till, Laura A; Walsh, Cody C; Brunette-Chen, Rachel; Toko, Kenichiro (Ken); Huntington, Miki T LTC USA USFJ J54; Kimura Ayako: Toledo Ana Y; Oikawa Yufuko: Basalla Suzanne I: Luke Robert S; Zumwalt,

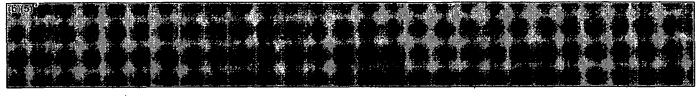
(TDY/POL); Nylin, John D; TaskForce-3
0800 Mar 18 - Running Update on Japan Emergency (running file attached)

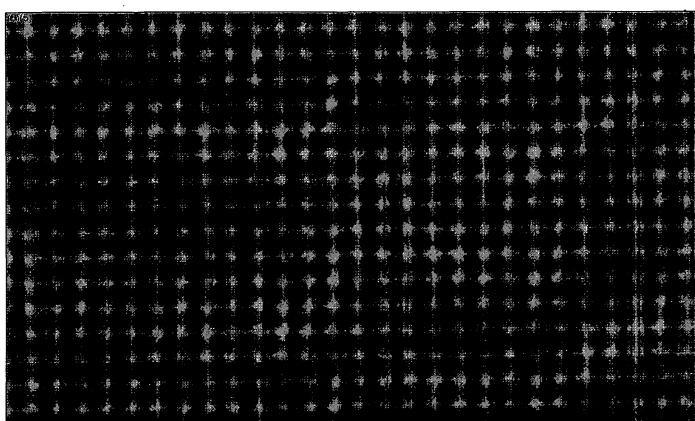
0800 Mar 18 - Running Opdate on Japan Emergency (running file attached) 2011-03-18 running updates on Japan emergency with times 0800 - Mar 18.docx

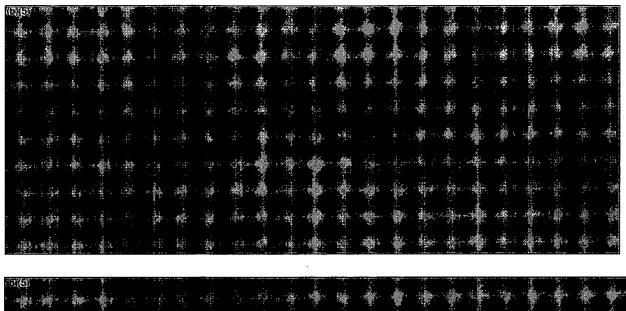


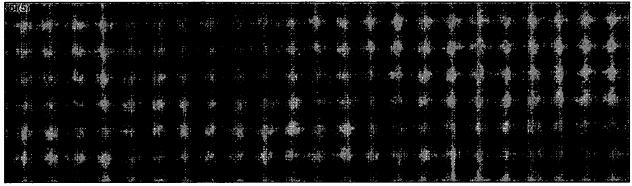


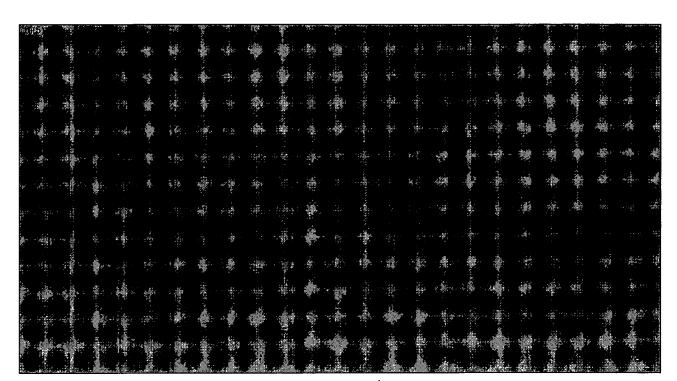


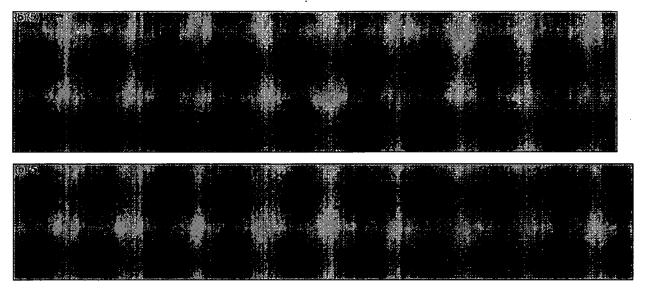




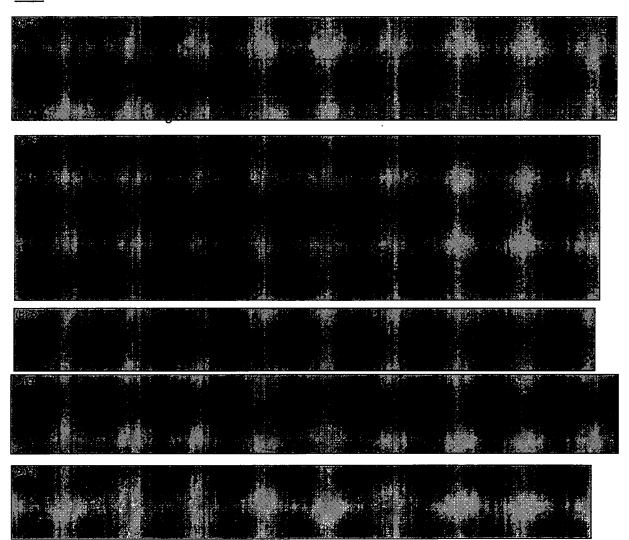


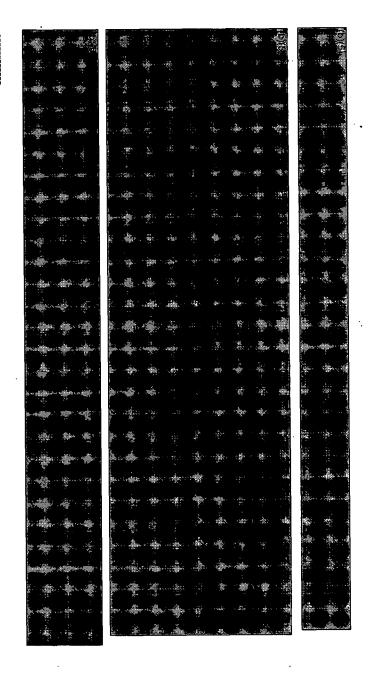




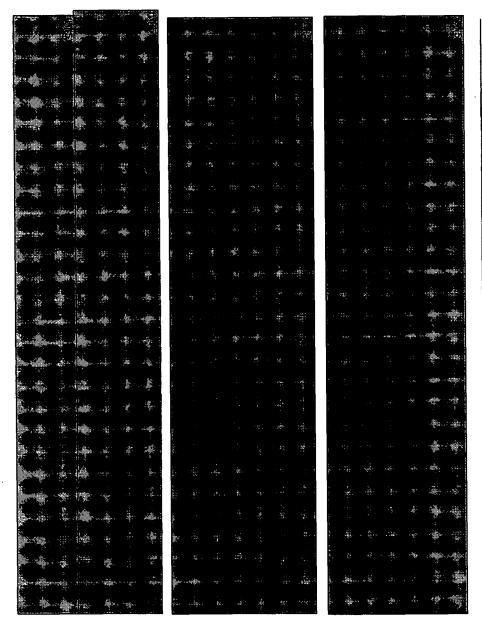


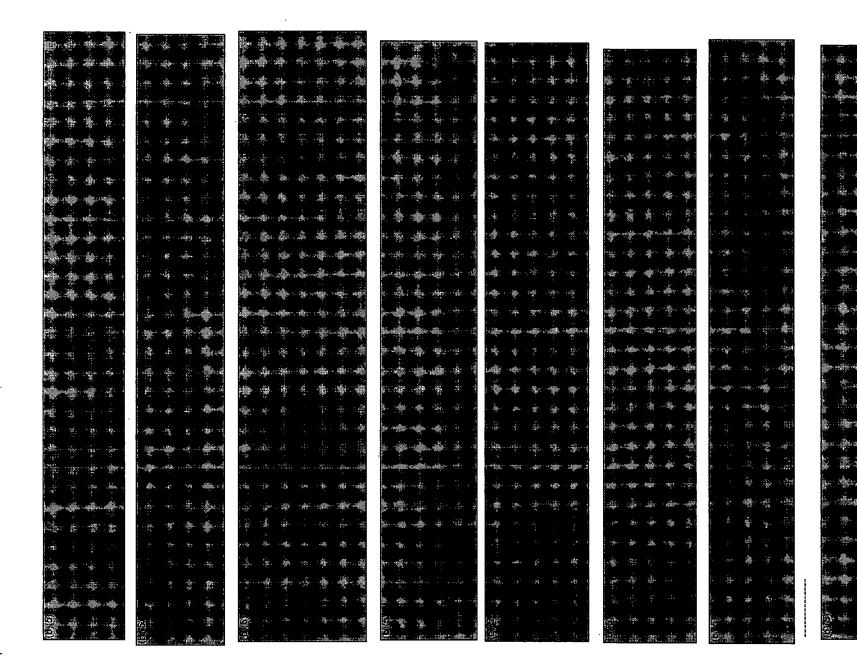
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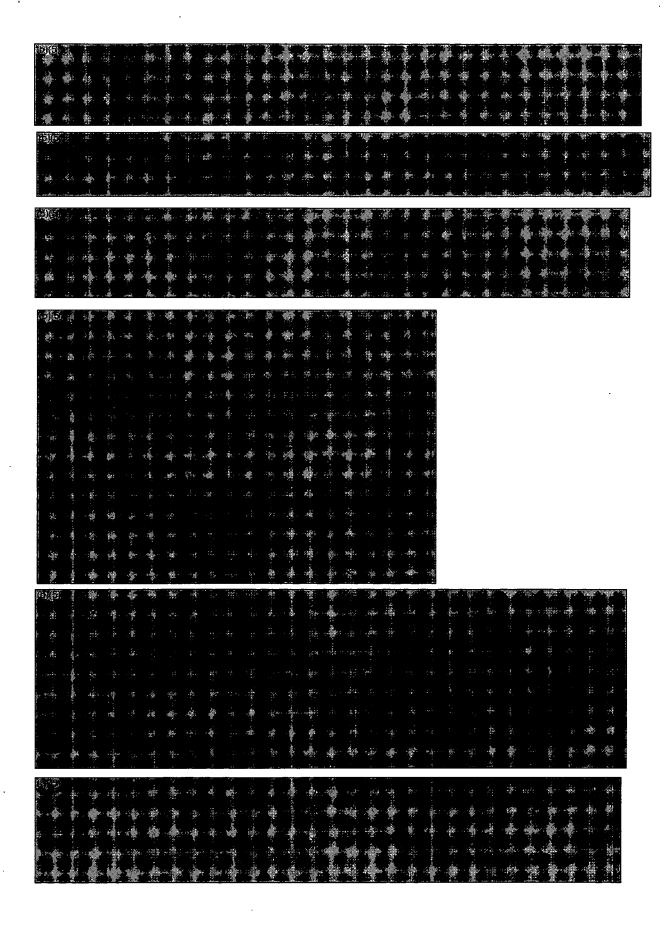


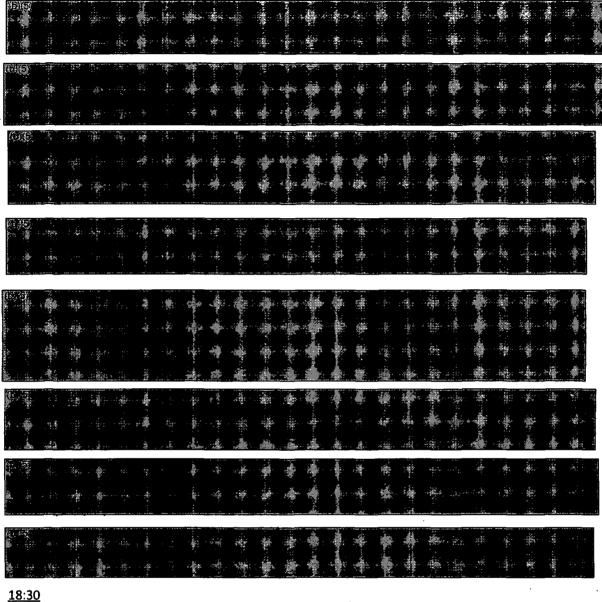


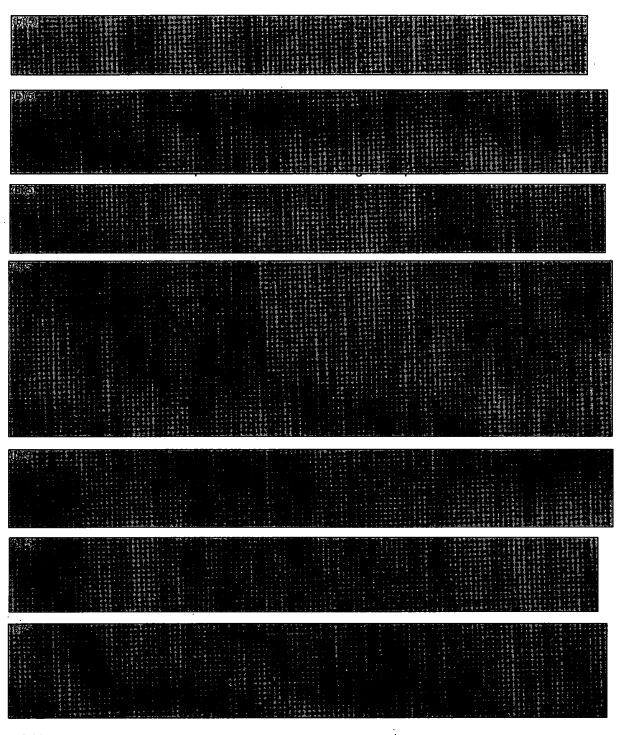
# See attachment for readout of March 16 NRC-TEPCO-NISA meeting (may be OBE)



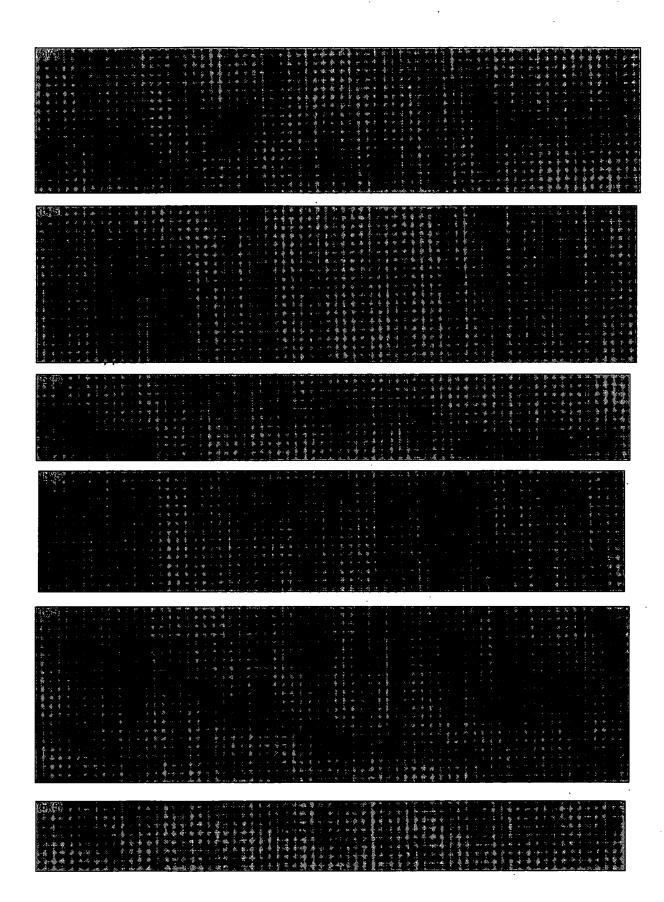




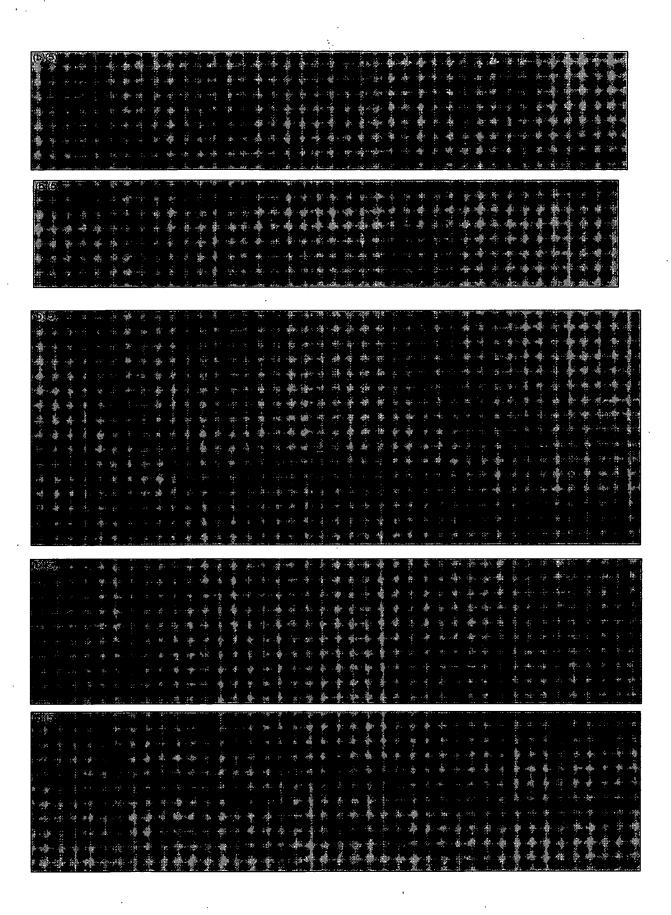


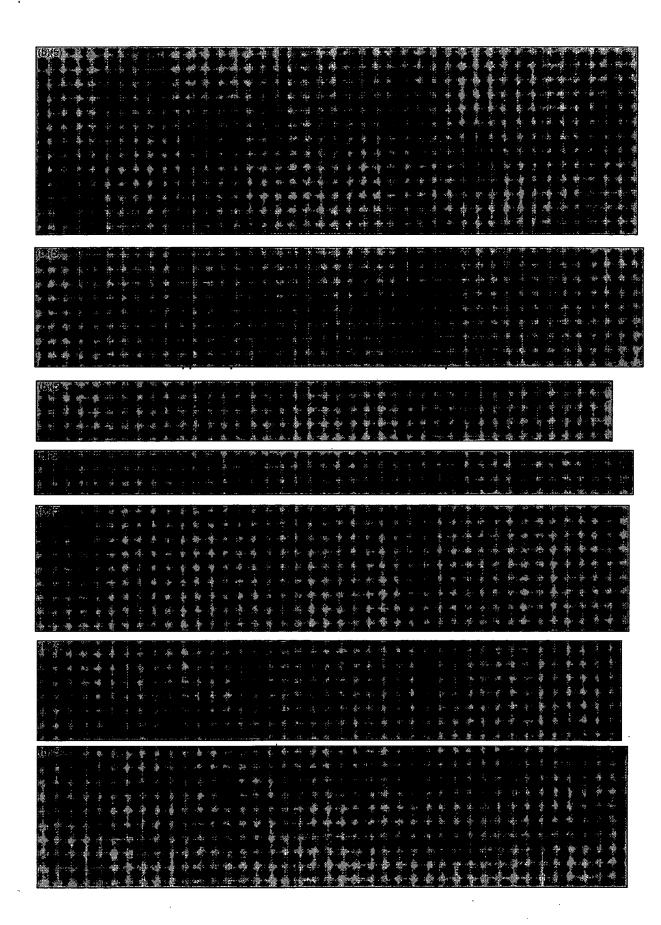


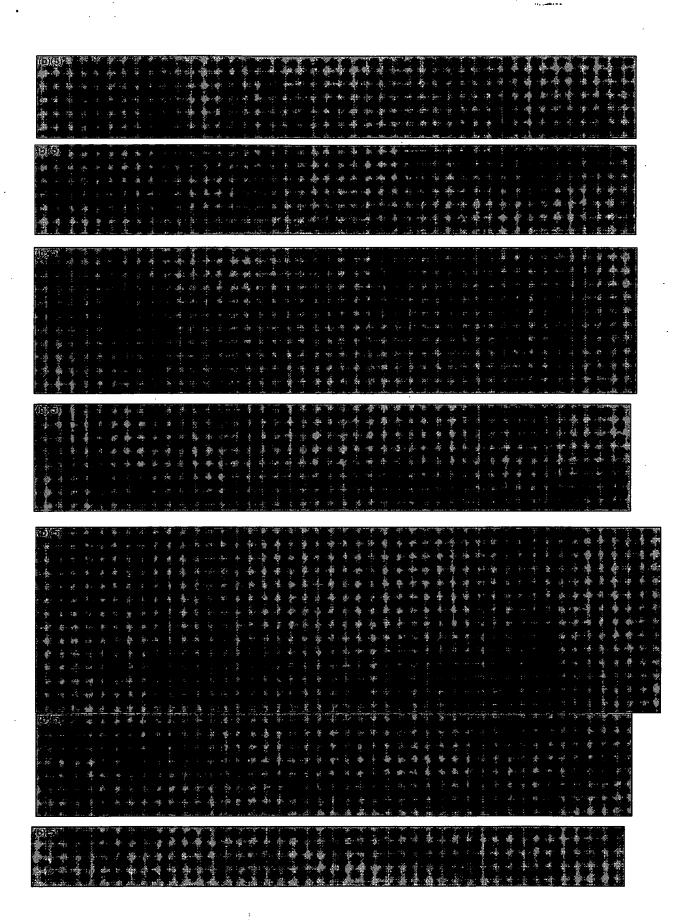
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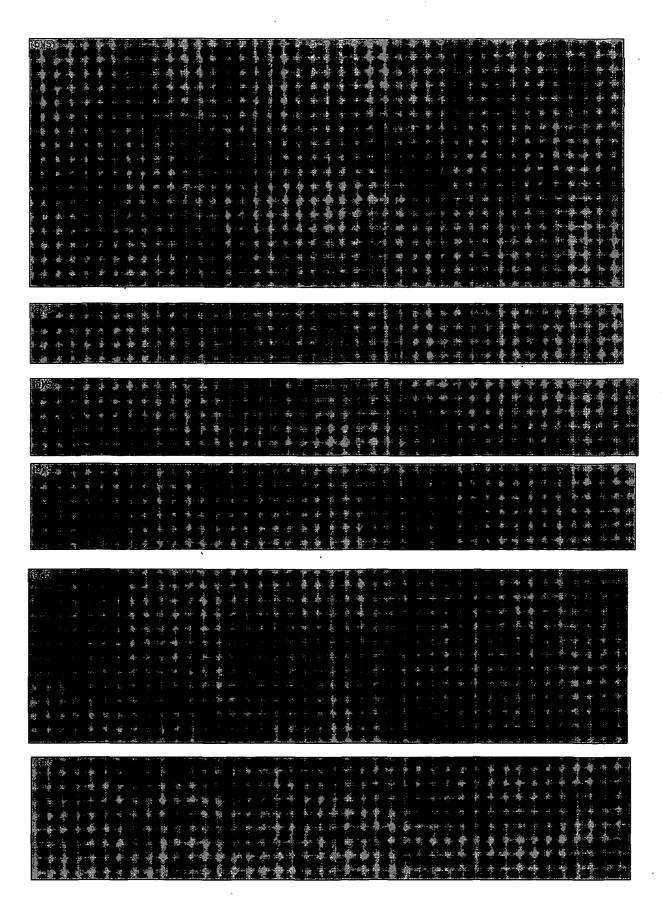


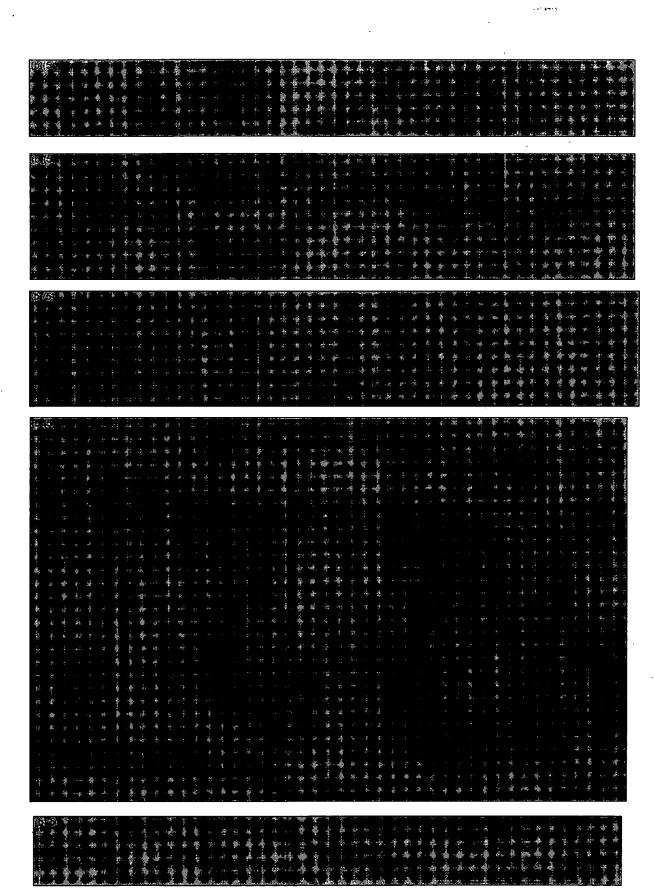
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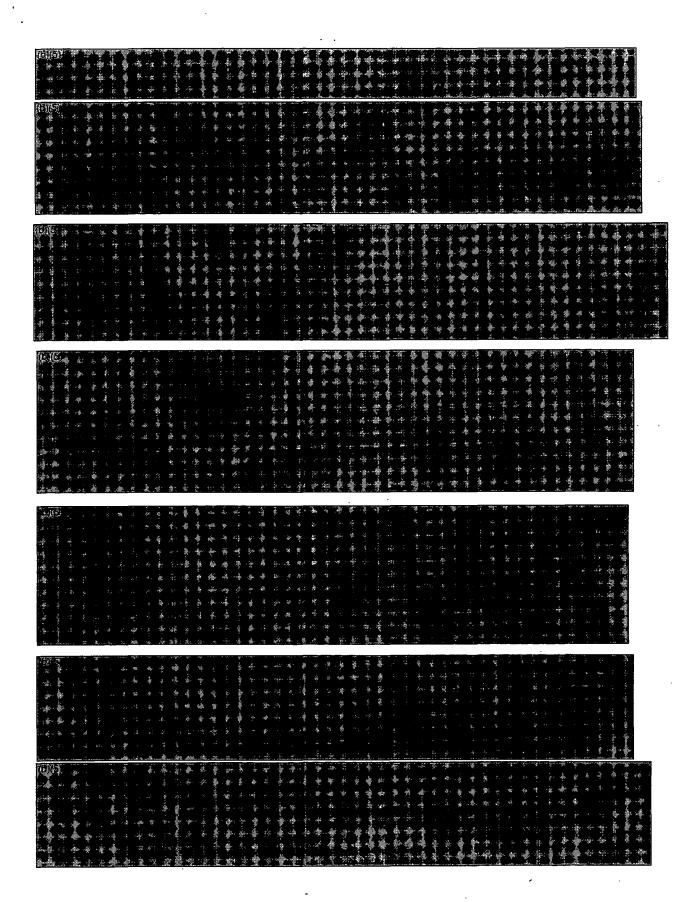


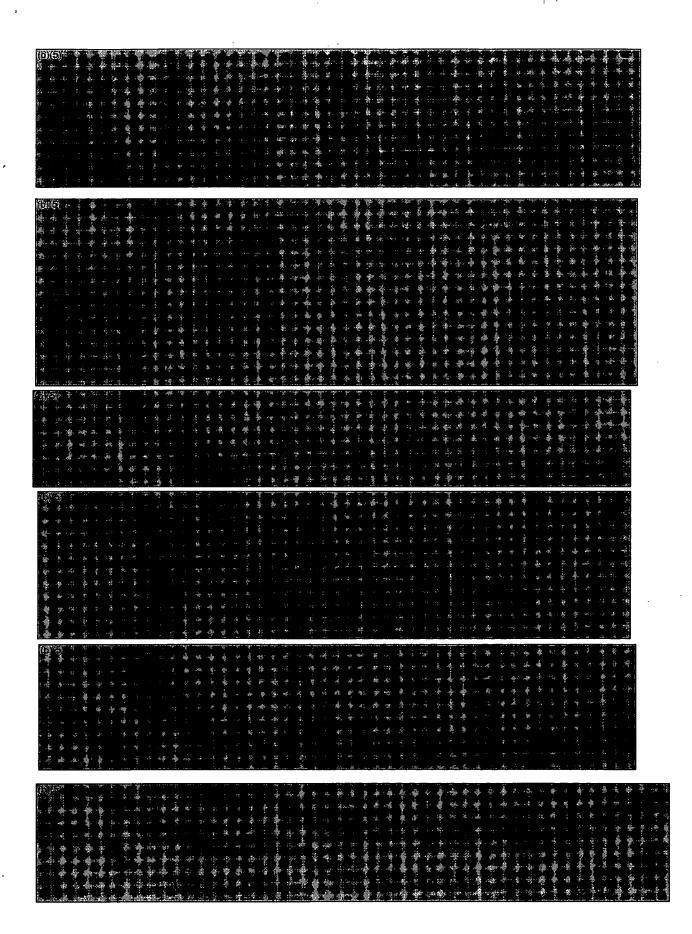


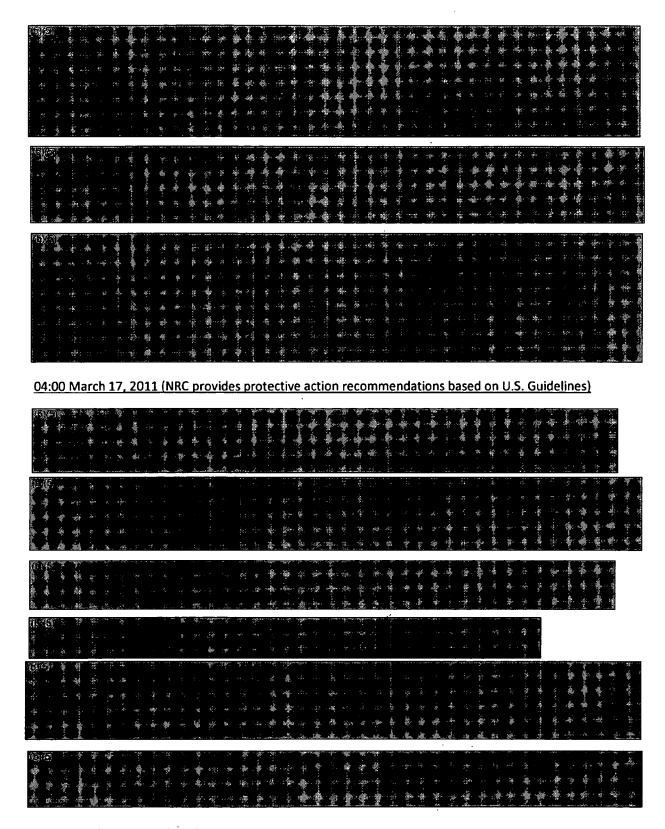




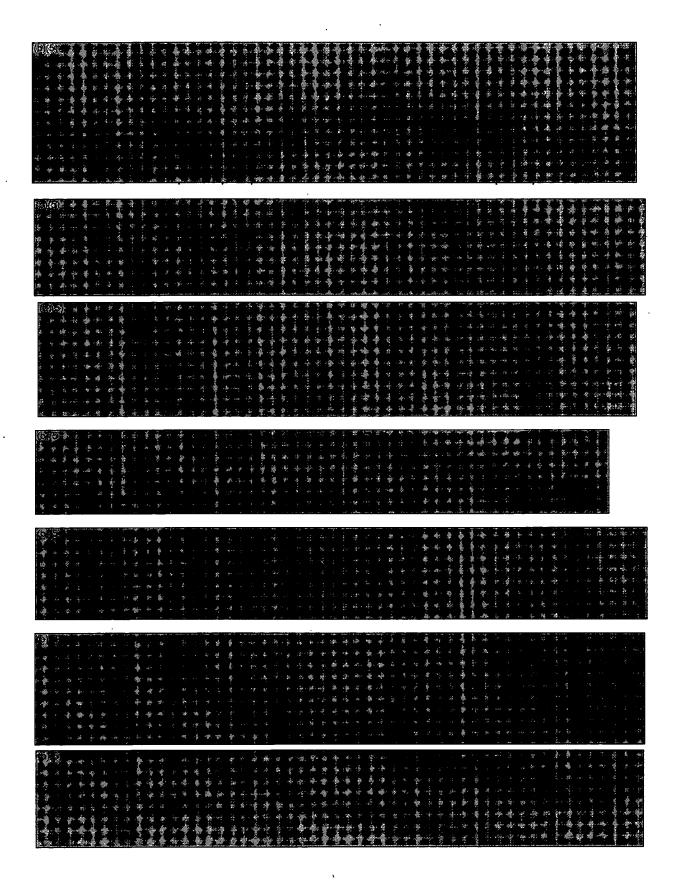








04:00 March 17, 2011 Thursday



.

From: Sent: Subject: Berger, Claire [BergerMC@state.gov] Thursday, March 17, 2011 11:02 AM Embassy Nuclear Energy Team

# Japan Embassy Nuclear Team

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| In and a Transport            | Office of NRC Chairman                 | orania de la desta de la d<br>Orania de la desta de la d   | 240 201 0240 |                                   |
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| T                             |  |  |              | James.Trapp@nrc.gov               |
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| Jack Foster                   | Chief, Licensing Branch                | (\$4444E)  | 301-204-2078 | Jack.foster@nrc.gov               |

# Japan Embassy Nuclear Team

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| Brooke Smith        | International policy analys     |  |              | Brooke.smith@nrc.gov  |
| DOS. 12 11 Elis     | <b>计理解证据</b> 写                  |  |              |   |
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|                     | Consequence Mgmt                |  |              | LewisBM@fcmp.org  |
| DART                |                                 |  |              |   |
| Joe Hughart         |                                 |  |              | joseph.hughart@foh.hhs.gov  |
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| Amy Sink            | NRC Team support                | meccas sa their and sleen san les sa methodo as bounds |              | ASINK@OFDA.GOV  |
| DOD/USE/Neval Gene  | (03)                            |  |              |   |
| Ken Spurlock        |                                 |  |              |   |
| LTC Andrae Brooks   | USFJ Liaison                    |  |              |   |
| MAJ Keith Simmers   | USFJ Liaison                    |  |              |   |
| Darrel DeHaven      | Senior NR Rep, Yokosuka         |  |              |   |
| Thomas Murphy       | Rad. Controls Dir., Puget       |  |              | 4   |
|                     | Sound Naval Shipyard            |  |              | ISAN TENENTER TO THE TENENTER |
| Bryan Moyers        | Liaison Dir., Submarine         |  |              |   |

## Japan Embassy Nuclear Team

|   | Group Seven  |   |              |  |
|---|--|---|--------------|--|
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| Senior Team<br>Leader   |  |   | 03 3224 5531 |  |
| Emergency Action Officer  |  |   | 03 3224 5533 |  |
| Editor  |  |   | 03 3224 5542 |  |
| Public Affairs<br>Coordinator   |  |   | 03 3224 5543 |  |
| Operations Assistant  |  |   | 03 3224 5530 |  |
| Japanese Press  |  |   | 03 3224 5532 |  |
| Monitor   |  |   |              |  |
| Additional<br>Line  |  | · | 03 3224 5534 |  |

### **DOE Nuclear Incident Team**

Tel: DOE EOC 202-586-8100

Email Williams I was a second

### NRC HQ Ops Center

Tel: 301-816-5100

### State Department Task Force

Tel. for State crisis management: 202-647-6611

Email: TaskForce-1@state.gov

From: Sent:

Cherry, Ronald C [CherryRC@state.gov] Thursday, March 17, 2011 11:27 PM

To:

Cc:

JapanEmbassy, TaskForce Alan Remick; Aleshia Duncan; Cook, William; Smith, Brooke; Casto, Chuck; Damian Peko; Duncan, Aleshia D; Howard, E. Bruce; Foster, Jack; Trapp, James; James Trapp (BB); Joe Hughart; Joe Hughart (DART); Monninger, John; Johnstone, Gregg M; Foggie, Kirk; Mears, Jeremy M; Morales, Russell A; Devercelly, Richard; Kolb, Timothy; Tony Nakanishi; Ulses,

Anthony

Subject: **Attachments:**  FW: Summary of AMS results

AMS Data Summary.ppt

Attached is the briefing package that explains the results of the DOE AMS measurements yesterday. Please forward to TaskForce1.

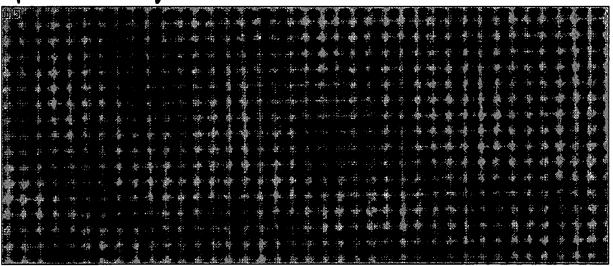
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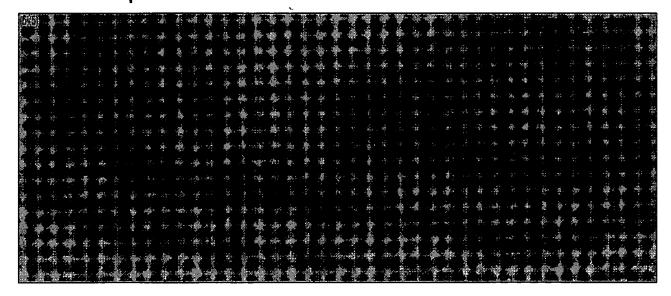


# **AMS Measurements**

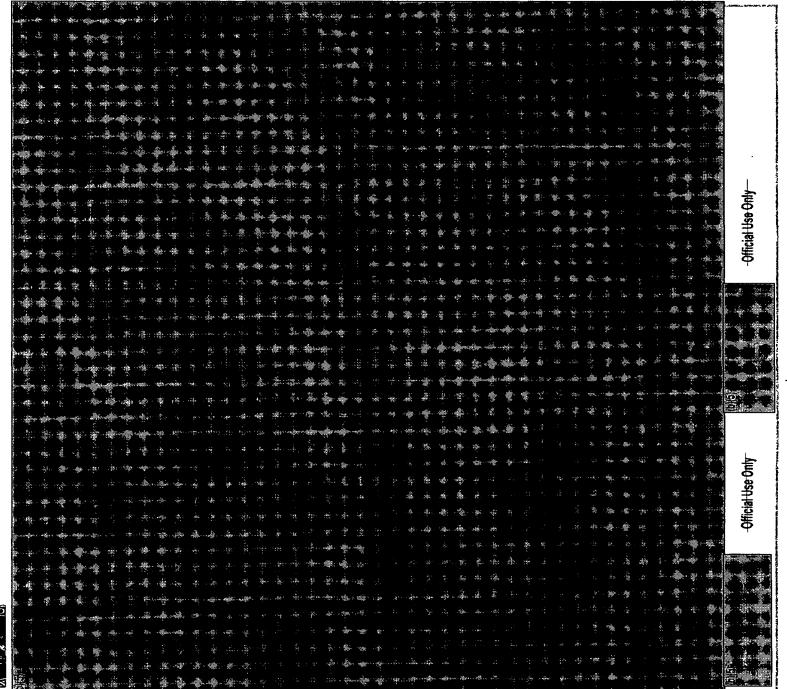
Ops Summary



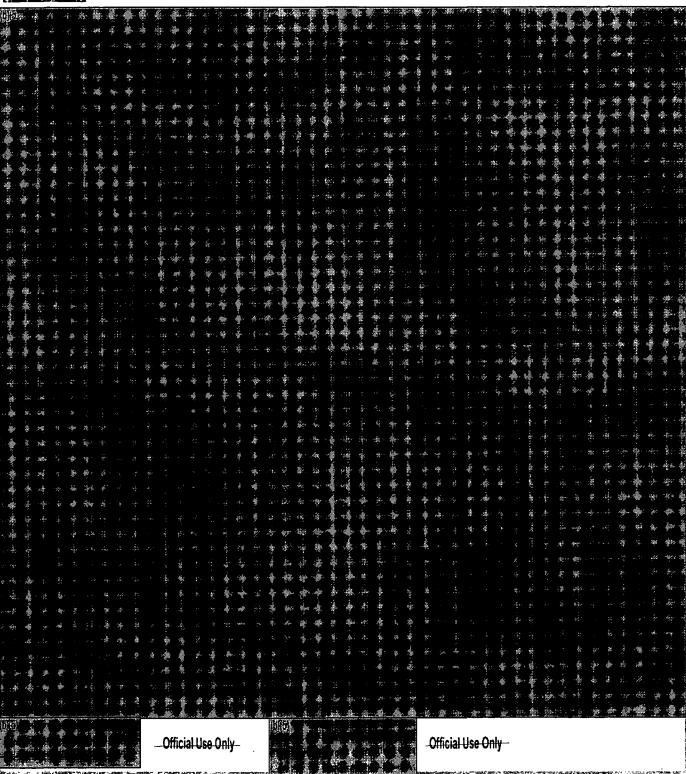
Plot interpretation







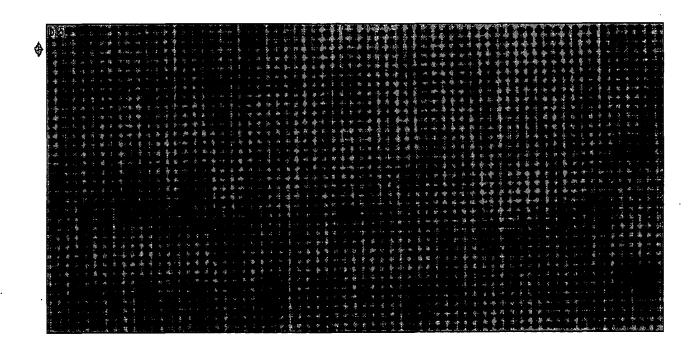




Official Use Only



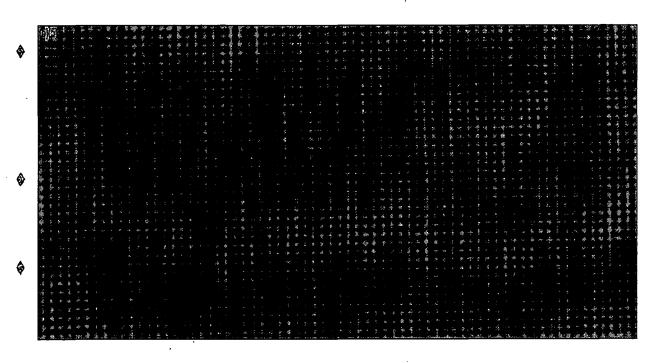
# Conclusions



Official Use Only



# **Next steps**



From: Sent:

Bock, Yoni Thursday, March 17, 2011 11:47 AM

To: Cc:

Reeves James (OSD); ofdaPACOM; ∐Trigilio, John (ŌSD): (6)(6)

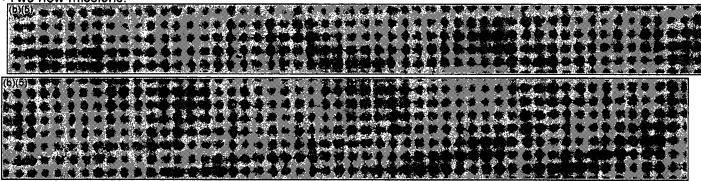
RMT\_PACTSU: Atteberry, Christopher (OSD); (D)(0)

Subject: Attachments: JAP EQ MITAM - March 17, 2011 (2300) PacTSU MITAM - March 17 2011.xls

CAT Chief - Today's MITAM for action

Everyone else: For Info

Two new missions:



v/r

Mr. Yonahton Bock / Mr. Tom Frey

Military Liaison Officer / Civ-Mil Coordinator Japan Earthquake/Tsunami DART

Email: ybock@usaid.gov; (b)(6)

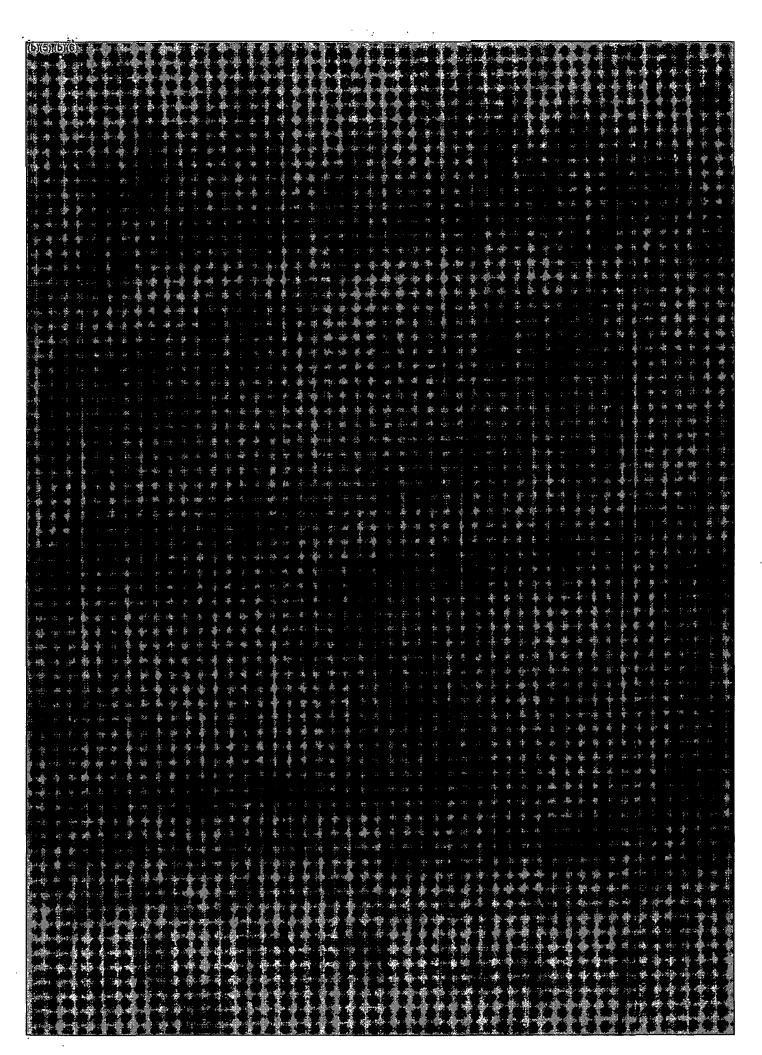
Blackberry: (b)(6)

DNS at USFJ: 225-4329, 3137, 2469

From US (or non DSN) (011 81) 425 522-511 From Japan (non DSN) 0425 522-511 after dial tone, ext (D)(6) (1)

Current Location: Yokota AB, Tokyo, Japan ~~~~

BC | 250



| 760        | 511            | red<br>Text                             | AV              | *                                       |        |  |          | <b>*</b> * * |              |            | 7977             | Neger.       | W 77                                  |                  | 4              | · Pro-S                                 |               | 387               |             |  |                               |                | *****                                    |  |                 |                     |                 |                | 7.   | <i>y</i> 3         |   | * 3                                      | <u> </u>       |                                       | 3            | F 12       |               | · .      | 7             |              | Υ.            |
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|            |                |   |                 | í<br>žt                                 |        |  |          | 1 4          |              |            |                  |              |                                       | ge 16            |                | ģ. 3                                    |               | *                 | M.          | į 11   |                               |                |  | in s                                   | <b>*</b>        | 42                  | 30-             |                |  | 20° 20             | *                                       |  |                |                                       |              | *          |               |          |               |              |               |
| *          |                |   |                 | *                                       |        |  |          |              | ¥            |            |                  |              |                                       |                  |                | ; , ;                                   | ķ             |                   |             | * *  | 14.                           | *              |  | s                                      | * *             | 46                  | <b>\$</b>       | 4              | ř  | * 1                | 8 \$                                    |  |                |                                       |              | ÷ 4        |               |          | * *           | 4            |               |
|            |                |   |                 |   | **     | ¥                                      |          |              |              | *          |                  |              |                                       | ** **            |                |   |               | . 3               |             | 4.4  | 763                           |                |  | 49 . 8                                 | •               | Š                   | # .             | rap.           | *  | * 4                | P                                       | de                                       | * 2            | *                                     |              | 4          |               |          |               | 155          | *             |
| -5         |                |   |                 | *                                       | *      | *#\$                                   |          |              | j. 9         | 4          | á                |              | ig ve                                 | i. 1             | - 64           | · · · · · · · · ·                       | k 2           |                   | -246        | * 1  | * **                          |                |  | · *                                    | *               | 100                 | **              |                | **   | **                 |   |  | •              | *                                     | *            | ¥ *        |               | Groß     |               | ***          | *             |
| * :        |                |   |                 | *                                       | - 1    | *                                      | *        |              | 9 4          | •          |                  |              | 1                                     |                  | *              | 185.1                                   |               |                   | *           |  | * * * *                       | ٠.پ            |  |  | * 4             |                     |                 |                | # **<br>#  | A CO               |   |  |                | - 1900<br>- 120                       |              | 9          |               | ***.     | Ĭ             | 46           |               |
| ×          |                | alian.                                  |                 | 3                                       |        | di.                                    | *        | <b>*</b>     | * 4          | * *        |                  |              | .), 90                                | *** **           | 4              | w37.4                                   |               | 4                 |             | 4 0  |                               | er i Ser       |  |  | データ<br>しった      |                     |                 |                |  | orgen to<br>orange |   | od.                                      | * *            |                                       |              |            | in the second | 2        |               | . 80         | á.            |
| A 🛊        | \$             | · · ·                                   |                 | ×                                       |        | 1                                      |          | ×.           | 14           | *          |                  |              |                                       |                  | ží,            | · \$ 1                                  | <b>*</b> * *  |                   | 180         | \$* - \{<br>-2. \}   | )<br>                         | 22.            | <br>                                     |  | in die<br>An an |                     |                 |                |  |                    |   | en e | on e<br>Sec. 2 | nie .                                 | ***          | er<br>Nord | 198           |          | 100           | . 25         | 3             |
| ***        | rik.           | : 8                                     | **              | . &                                     | r (.;  |  |          |              | in in        | * ***      | •                |              |                                       | i s              |                | . X                                     | ge oog        | **                |             | an e   |                               | 4              | 96°                                      | ive -                                  | err<br>t        | cong.               | **              | ж<br>***       |  |                    |   | 40                                       |                | ń                                     | 124          |            |               |          |               |              | *             |
| -          | %<br>:         |   | . 8             |   | e 96   | 4                                      |          |              | 37 %<br>3    |            | 4.               | 68           | 3:                                    | de 9<br>Zi z     | <i>\$</i> 2    | -6<br>- 24-1                            | á.            | 4                 | 251         | 20   |                               |                | ¥**                                      | 26<br>Su-                              | re e<br>Me in   | e sign              |                 | 7 T            | The state of the s |                    | . 31                                    | 1865                                     |                | -                                     |              |            |               |          | \$ . · \$     |              | *             |
| * *        |                | **                                      |                 | *************************************** |        | *                                      | *        |              | as i         |            | · 3.             | e.           | ***                                   | 40 4<br>40 3     |                | e de                                    |               |                   | · ***       | M :  | y ex<br>Losi                  | A ST           | : **                                     | d'                                     | ¥., å           | ***                 |                 | * *            |  |                    |   |  | ys. 2          | *                                     |              | ξ.         |               |          | * *           |              |               |
| *          |                |   |                 | . **                                    | 974    | *                                      | . 4      |              | ا<br>مان     |            | : **<br>: //     | -90<br>-     | - 35                                  | : ?<br>:         | . 3            | 7                                       | in the        | *                 | e region    | ¥  |                               | 4.             |  |  | , ş             | e .                 | *               | 3. 3           |  |                    |   |  |                | ٠.                                    | *            |            |               |          | £ .2          |              | × , .         |
| 4          |                |   |                 | . As                                    | ***    | A.                                     | 4        | 7            | in i         | . 1        | . 36.            | à            | - Si                                  | · ·              | . 🚵            | :4                                      | 43            | 1                 | ·           | 455  |                               | · ii           | e.                                       |  | ĸ. ş            | * *                 | ÷.              | * 0            |  |                    |   |  |                |                                       | ***          |            |               |          | ş. 3          |              | 4             |
|            |                |   |                 |   | 49     | ,                                      | *        | ě.           | dip d        |            |                  | 4            | 4                                     | 4.               |                | ķ.,                                     | يَّهُ هُ      | , į               | All "       | Q.   |                               | 4              | Ť  | is .                                   | h. 3            | 1                   | À               |                | 140  | <b>2</b>           |   | *  | * 7            | 1 1991                                | *            |            |               |          | 3ē            | * *          | 1             |
|            |                |   |                 |   |        |  | **       | <b>*</b>     | 6            |            |                  |              | * :                                   |                  | À              |   | 4             | : 🎉               | - 19        | 4  | * *                           | · 46.          | 20                                       | <b>*</b>                               | 7. 2            |                     | *               | * *            | *  |                    |   |  |                |                                       | ř.           |            | 40            |          | \$ 0          |              | **            |
|            | . 8            |   |                 |   |        | 16.                                    |          | *            | * 4          | ìÌ         | #                |              | 4                                     | * !              |                | **                                      |               | ~ 🏟               | 4           | *  |                               | · 🛊            |  | <b>*</b>                               | «·              | € 9 <u>4</u> .      | å               | 1.4            | 4  | *                  |   |  |                |                                       | **           |            |               |          | 8             |              | *             |
|            | . 1            |   |                 |   |        |  |          |              | 40 6         |            | 29               |              |                                       | <b>4</b> 4       |                | 4                                       | * 4           | : <b>4</b>        | 樽           | rier :   | * *                           | *              | *  | *                                      | 红:蒜             |                     | *               | 4.4            |  | *                  | £ :                                     |  |                |                                       |              |            |               |          | *             |              |               |
|            | - 5            | -                                       |                 |   |        |  |          |              | · *          | Á          |                  |              |                                       |                  | è              | 4                                       | 4-4           | . 🎠               | *           | 4  | 1                             | ٠.             | *  |  | 2, 1.           | 38.                 | *               | 4              | ) AF   | *                  |   |  |                |                                       |              |            |               |          | A 2           |              | ***           |
|            | *              | 13                                      | · 5             | À                                       | 6 %    |  |          |              |              | * *        |                  |              | . % <u>{</u>                          | 4 4              |                | 4                                       | * 4           | 4                 | *           |  | 4                             | . 4            | ě  | * .                                    | ** 4            | *                   | 4               | 1              | *  | *                  | Ø                                       | - *                                      |                |                                       | 75           |            | **            |          | *             |              |               |
| N/S        | 4              | - 25                                    | é               | .55                                     |        |  |          |              |              |            |                  |              | A.                                    | } 4              |                |   | 4             | is 🏰              | . 🤟         | <b>4</b>   |                               | * **           | A  | · 🌞                                    | ** **           | . 4.                | 40              | 77             |  |                    |   | \$1.                                     |                |                                       |              |            | y 90<br>      | . (1     | #4<br>#4      |              | . 40          |
| * 1        | i i            | ě                                       |                 |   | *      |  |          |              |              |            |                  |              |                                       | * 1              | e Me           | 4                                       | 举 壕           | 6. 糠              | ****        | ·徐 :   | 0 4                           | *              | .4                                       | *                                      | ***             |                     | - 200           | 13             |  |                    | * *                                     | - 4°                                     | 19 1;<br>14 1; |                                       |              |            | er e          | 540      | 學             | r 3<br>a sk  | *             |
| rod        | *              |   | - 4             | 4                                       |        |  |          |              |              |            |                  |              |                                       |                  | *              |   | # aj          | # 统<br>           |             | 2005-1   | gi. Di<br>Di                  |                | . *                                      |  | 3. \$<br>16. \$ |                     | - 15 -<br>.15 - | PR             | ***  | * :                | r v                                     | - T                                      | \$ A           |                                       |              | á,         |               |          |               |              | 4             |
|            | - 4            |   |                 | *                                       |        |  |          | <b>A</b>     |              |            |                  | * *          | * * * * * * * * * * * * * * * * * * * |                  | ar 🕸           | ્ર<br>. ઢ                               | # ·           | er eller<br>e – t |             |  |                               |                |  |  | and a sec       |                     |                 | * 1            |  | 9 4                | e i                                     | *  |                | !<br>€ %                              |              | Ag.        |               | e softe  | ·             |              | *:            |
|            |                |   |                 | *                                       | •      |  |          | *            |              | * 36<br>   |                  |              | ¥.                                    | 1890 J           |                | 4                                       | o. 1          | 20 TZ             |             | 2.   |                               |                |  |  | · ·             |                     |                 | i a            |  |                    |   |  |                | · ·                                   |              |            |               |          | *             | 4            | **            |
| 37 . N     |                |   |                 | • *                                     |        |  |          |              | - 20         | er er<br>L | ,                |              | ***                                   | 17 1<br>20 2     |                | e die                                   | ii. I         | k de              |             |  |                               |                |  |  | ė i             |                     |                 |                | . 3  |                    | do f                                    |  |                |                                       |              |            |               |          |               |              | - :           |
|            | 8° to<br>No to |   | . 8             | s o                                     | e me   |  |          | 20           |              |            |                  |              |                                       |                  |                | 9                                       | <i>i</i> . i  | - 4               |             |  |                               |                |  |  | *               |                     |                 |                |  |                    | :<br>M- 42                              |  |                |                                       |              |            |               |          |               |              | 1. 1. 1       |
|            | r m<br>E d     | n<br>Se                                 |                 | e m<br>Na                               | ,<br>k |  |          |              |              |            |                  |              |                                       |                  | ,              |   | 43            |                   |             | 4  |                               |                |  |  |                 |                     |                 | 4 -            |  |                    | 4 *                                     |  |                |                                       |              |            |               |          |               |              | ٠.            |
| 8.4        | ≽ √s           |   |                 |   | · ·    |  |          |              |              |            |                  |              |                                       |                  | je š           | g's                                     |               | e it              |             | 4  | Š                             |                |  |  |                 |                     |                 | A ·            |  |                    | 4. 4                                    |  |                | ٥ - ٥                                 |              |            | 4             |          | *             | r. 🎋         |               |
|            |                |   |                 |   | ı      |  |          |              |              |            |                  |              |                                       |                  | **             | i de                                    | <b>&gt;</b> 1 |                   | 4           |  | *                             |                |  |  | .%              | 4                   |                 | * 4            |  |                    | No the                                  | ***                                      |                | <b>*</b> ::                           |              |            |               |          | 4             | k 😩          | <i>j 1</i> 4. |
| ) i        | * 4            |   |                 |   | ,      |  |          |              |              |            |                  |              |                                       | 6 1              | * *            | 4                                       | *:            | h Á               |             |  | * \$                          |                |  |  | A 13            | S y                 |                 | * 1            | *  | *                  | * 4                                     |  |                | <b>\$</b> 5 . 33                      |              |            | <b>₩</b> · 4  |          | 7             | 9 %          | - 144<br>- 1  |
| •          | 64             | . •                                     |                 | i (                                     | 1      |  |          |              |              |            |                  |              |                                       |                  | es . * .       |   | #*            | e •               | *           |  | <b>4</b> 7 4                  |                |  |  | 6               | 化金                  |                 |                |  | <b>教</b> 言         | . · · · · · · · · · · · · · · · · · · · | * *                                      |                |                                       |              | 8          | A C           |          |               |              | : 190<br>. ju |
|            | 1              | . · · · · · · · · · · · · · · · · · · · | . 4             | 4                                       | • 4    |  |          |              |              |            |                  |              |                                       | No.              | ξί             | *                                       | *             | *                 | *           | **   | <b>*</b>                      | 2 13           |  | **                                     | <b>₩</b> ×      | (                   |                 | **             |  |                    | * *                                     |  |                | es s                                  |              |            | er i          | - Alba   |               | 7 7          |               |
|            | 1.4            |   | 1               | •                                       | •      | 4                                      |          |              |              |            |                  |              |                                       |                  |                | - <del>(≪</del><br>- 2                  | ٩.,           | * **              | *           |  | in d                          |                |  | *                                      | 10 M            |                     |                 | 100 C          |  |                    | v v<br>Lu                               |  | attern of      | er v                                  | r            |            | en e          |          | 1             | i i          |               |
|            | re A           | 1 8                                     |                 | <b>*</b>                                | •      | + +                                    |          |              |              |            |                  |              |                                       | ზა 1<br>:        |                | 78                                      | *             | r de              | **          | *  | ng                            |                |  | \$P.                                   | i de            |                     |                 | 4              | الاد<br>رقي  | 4                  | a a                                     | . 1                                      | **             | i<br>sa de                            |              | <br>       | *             | 7.<br>1. |               | de d         |               |
|            |                |   | 14              | <b>K</b> 1                              |        | . 40                                   | ٩        |              | */.          | ta.,<br>ii |                  | . 4          |                                       | aga c            | er er<br>La    | · · · · · · · · · · · · · · · · · · ·   |               | 7 99<br>2 32      |             | *  | 4                             |                | · '49                                    | á.                                     |                 | 7                   | 43              |                |  |                    | 1 6                                     |  | <b>.</b>       | t v<br>Å 3                            |              | 7.         | *             |          |               |              |               |
| 100        |                | *                                       | 1               | <b>8</b> 8                              |        |  |          |              |              |            | · ·              |              |                                       |                  | · 4            | 4                                       | di.           |                   |             | X  |                               |                |  | 14                                     |                 |                     |                 | <b>*</b> 4     |  | ***                | * *                                     | . *                                      |                | ,<br>, , , ,                          |              | 4          |               | ź Ż      | · Age         | 4. 4         | . 8           |
|            | 87 19<br>3 4   | ers<br>La                               | ą v             |   | * :    |  |          |              |              |            |                  | . 4:         |                                       |                  | × 38           | 4                                       | \$ ·          | * 3               | A           | *  |                               |                |  |  | 1               |                     |                 |                | * *  | è                  |   | . 8                                      |                | ę. G                                  |              | see.       |               | * **     |               | in .         | * *           |
| ***<br>*** | is d           | ( )                                     | έ.              | á                                       | ier i  |  |          |              | ; 8          |            | ≱ z              |              | **                                    |                  | <br>6          |   | *             | . 4               |             | *  |                               | 1 4            |  |  | \$              |                     | e sér           | 4              |  | <b>\$</b> .        | iy                                      |  |                |                                       |              | giê.       |               | is       |               | <b>.</b>     | . 4           |
| 4          | , i            |   | , ,             |   | £ :    |  |          |              | 1            |            | ζ,               |              | . *                                   |                  | 备 卤            | *                                       | ** 1          | 8                 | -           | 30.  |                               | 4              | k 26                                     |  | *               |                     | 14              | 4.4            | * *  | *                  |   |  | j.             | w                                     |              |            |               |          |               |              | ¥             |
|            | × · · •        |   |                 | 1                                       | 87     |  |          |              |              |            | 26 .             |              |                                       |                  | 3 ×            | v - 1/8-                                | 4             | i d               | *           | Á,   |                               | ¥. #           |  |  | * 1             | ļ ļ                 | - 49            | 1              | •  | *                  | ş, d                                    |  |                | * •                                   |              | *          |               | * **     |               |              | « 《           |
| W .        |                |   |                 |   | 4      |  | وشرنه ا  |              |              |            |                  |              |                                       |                  |                |   | 100           | 1                 | *           |  |                               | <i>i</i>       |  |  | #               | <b>i</b> \$         |                 | 4 (            |  | *                  | × .i                                    |  | Á              |                                       | 3,           | ***        |               |          | 1 A8K         | 42           |               |
| å. ş       | y 2            | À                                       |                 |   | ି 🖣    |  |          |              |              |            |                  |              |                                       |                  |                |   |               | *                 | **          |  |                               |                |  |  |                 | <b>%</b> - 46.      | **              | ઇ . ∢          | * *  | *                  | 4 .5                                    |  | Mr.            | 2 g                                   |              | *          | ¥.            | *        | 3 -           | *** · •      | *             |
|            |                |   |                 |   | . *    |  | *        |              | *            |            |                  |              | *                                     |                  |                |   |               |                   |             |  |                               |                |  |  |                 | ξα. ×               |                 |                | &\$  | **                 | i vi                                    |  | -              | · · · · · · · · · · · · · · · · · · · | 5.<br>2.     |            | · ·           |          |               | & - 12<br>≹o | . 19          |
|            |                |   |                 |   |        |  |          | *3,          | *            |            | * 3              | * *          | *                                     | ***              |                | y                                       |               | *                 |             |  |                               |                |  |  |                 |                     |                 |                | कु: सि<br>   | 47                 |   | · · · · ·                                | <i>y</i>       |                                       |              | Ž          | , ;           |          | 4.            |              | 4             |
| *          |                | <b>*</b>                                | and the same of |   | ¥ .    |  |          |              |              |            | \$ 3             |              |                                       | *                | ** 1           | 8 7                                     | e.            |                   |             |  | *:<br>*:-                     |                |  |  |                 |                     |                 |                | * **   |                    |   | ,  |                | į.                                    | ž            | 5          |               |          | 3.            |              | 3             |
|            |                | *:                                      |                 | t                                       | * 1    | 4                                      |          | \$ ·         |              |            |                  |              | ,<br>,                                | 3                |                |   | - 17          | <u>.</u> 1        |             |  | 300                           | i i            | :<br>: 36                                |  | X.              |                     | · :             | į.             |  |                    |   |  |                | . :                                   |              |            |               |          |               |              | 1             |
| 357        | er.            |   |                 | 8.<br>                                  | ·· •   | e w                                    | di.      | *            | A.           | 33         | M                | k i          |                                       | i.               | Signal Signal  |   | -73<br>-750   | ļ.,               |             | j.   | :                             |                | 45                                       | W.                                     | *               | je sa               | . 4             |                | 4 4  |                    | <b>₩</b> 15                             | £28                                      |                | . :                                   |              | į.         |               | ¥ 47     | **            | 364          | * 4           |
| 7          | €. ·           | ès.                                     |                 | ú.                                      | : t    | į.                                     |          | 2            | × 2.         | 4          | 4. s             |              |                                       | 1                | 200            | 86 Z.                                   |               | ju.               |             |  | **                            | i i            |  | · ec                                   | 1.              |                     | . 4             | ig.            | 4  |                    | y 4                                     | . %                                      | 9              | de a                                  |              |            | <u> </u>      |          | 44            | ik x         |               |
|            |                |   | Ĺ               | Ý.                                      |        |  |          | (pa          | i,           |            |                  | 2            |                                       | -187<br>-188-1-1 | 4              | 4                                       |               |                   | · · · · · · | **   | ٠                             | j. 2           |  |  | ·               |                     | *               |                |  |                    | * 4                                     | *  | 4              | 4                                     | 4            |            | \$            | r mit    | *             |              |               |
|            |                |   |                 | 2                                       |        |  | :        |              | 8            | 18%        | ٠.,              | ∰5°          | :<br>*                                | 4                |                |   |               | يد الله           |             | *  |                               | *              | į.                                       |  |                 | . pr. 13            | ě               | <b>K</b> 11. * | la de  |                    | 2: 4                                    | · 30                                     |                | 4111                                  |              | \$         | A. 15         | . /·     | ne je         |              | ( <b>4</b>    |
|            | 4.4            | . v                                     | ş.              | inger .                                 | á.,    |  |          |              |              | W.         | (g. 4            | * 1          |                                       | de.              | Maria          | P                                       |               |                   | 4           | · 🏇 -  | · •                           | Ù.             |  | *                                      | <b>*</b>        |                     | r 🛊             | 4              | 44   |                    | *                                       | *  |                | 4                                     | S 500        | - 24       |               | ğ (ğ.    | . *           | A L          |               |
| 4.         | 4. 4           | ş                                       | %               | à.                                      | 伙      | <b>.</b>                               |          | *            | <b>5</b>     | 4          | <b>4</b> 4       | ļ ā          |                                       | 4                | e-d            | 1.0                                     | *             | <b>j</b>          | g. 47       | · À  | *                             | S              | •  | . 60                                   | -               | do d                | )               | 100            | 4.4  |                    | * 4                                     |  |                | in w                                  | * *          |            | *             | 2-2      | *             | 49 3<br>4    |               |
| 4          | i.             | ļ.                                      | * 1             |   |        | 1                                      |          | 4            |              | 44.        | <b>15</b> 4      |              | L - 1                                 | 4                | <b>*</b>       | × 4                                     | 4             | Ø>                | 11          | *  | ***                           | 7              | •  | -                                      |                 | 9 1                 | * *             | ***            |  | \$                 | 11                                      |  | *              | * 1                                   |              |            | <b>∅</b> · 3  |          |               |              |               |
|            | 4              |   | <b>*</b> 1      |   |        |  | 1        | *            |              | 4          | 4                |              |                                       | *                | *14            |   |               | 1                 | 1           | × 🛊  | ***                           |                |  | ************************************** |                 | * 1                 | •               | AND TO         | *  | · Age              |   |  | 1              |                                       |              |            | 蒙古            |          | I             |              |               |
| 4          | 100            |   | <b>*</b>        |   |        |  | , X      | *            |              | A P        | # 4              |              | ·                                     |                  | A4 A           |   | 14            | 1                 |             | •  | *                             |                | *  | * *                                    |                 | 14. 1               | 4               | <i>₩</i> ~     | % . A  | y.                 | * 1                                     |  | 4              |                                       |              | Ž          | 1             | e in     |               | X            |               |
|            | dy x           | <b>*</b> ;                              | ğ,              | •                                       |        | 1 2                                    | * *      |              |              | 2.5        | d- 2             | * -          |                                       | 1                | 26.6           | * 4                                     | April .       |                   |             |  |                               | W              |  | *                                      |                 | د<br>است.           | 4               |                | 60° 6  | دي.<br>د ي         |   |  |                | * **                                  |              |            | * ·           |          | 1             | 7            | S             |
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From: SMART Core [svcSMARTBTSRctSPrec@state.gov]

Sent: Thursday, March 17, 2011 1:24 PM
To: Metso, Brian H; Vizcarra, Jacquelyn K; Copeland, Mark S; Bologna, Darren P;

Metso, Brian H; Vizcarra, Jacquelyn K; Copeland, Mark S; Bologna, Darren P; Peterson, Barry R; Wagganer, Kevin L; Forbes, Wendy N; Richardson, Peter A; Connell, John O; Eustaquio, Marites V; Christopher, William W; Bare, Robert A; Utschig, Andrew S; Bullington, Wendell D; Shelbourn, Brian L; Forbes, James A; Cherry, Ronald C; Fuller, Matthew G; Basalla, Suzanne I; Olson, James C; Atienza, Robert T; Koen, Joseph C; Goodwin, Lisa K; Hotz, Raymond E; Camacho, Maria M; Andress, Jacqueline R; Lee, Ti-Ying; Vinson, Sonia A; Roberts, Richard M; Hardin, Alexander K; Wakahiro, Gary S; Toledo, Ana Y; Hoffmann, Phillip P; Washburn, Lisa L; Walcott, Naomi; Kompa, Marianne; Maw, Aye Aye; Clever, Thomas S (Scott); Hinds, Lynda J; Kaproth, Robert K; Hamilton, Conard C; Ortiz, Keila F; Ryan, Emmett Jerome; Young, Joseph M; Ou, Andrew H; Wall, Marc M; Gabor, Robert R; Jones, Emmit A; Weinhold, Laura M (Jamie); Wert, Robert A; Whitney, Thomas C; Beed, John A; Toko, Kenichiro (Ken); Burleson, Edward C; Till, Laura A; Benfell, Steven T; Balagot, Nelson-Rey H; McCormack, Matthew C; Hoof, Cynthia; Chen, Perry Y; Thommen, Janice M; Lampel, Michael D; Martyn, Thomas G; Fitzgerald, Paul M; Parker, Gia V; Diaz Dominguez, Fatima R (Raquel); Crawford,

Christina L, Engstrom, Aaron

Cc: Calma, Neil R; Cipullo, Timothy L; Nawn, Jeff

Subject: Japan Emergency Command Center Sitrep #11

Attachments: image001.png

### **UNCLASSIFIED**

From:

E.O.:

Action Office: IMO, POL, CONS, MGT, CONGEN, CLO, EXEC, LEGAT, MLO, ORA, RSO

Info Office: DAO\_INFO, POL\_INFO, EAC

MRN: 11 TOKYO 844

Date/DTG: Mar 17, 2011 / 171723Z MAR 11

Action: WASHDC, SECSTATE IMMEDIATE

ACTION. WASHDO, BEGSTATE INVINEDIATE

TAGS: AEMR, KFLO, ASEC, CASC, MARR, PREL, PINR, AMGT

AMEMBASSY TOKYO

Captions: SENSITIVE

**Reference:** A) <u>11 STATE 22688</u>

B) <u>11 TOKYO 790</u>
C) <u>11 TOKYO 766</u>
D) <u>11 TOKYO 772</u>
E) <u>11 TOKYO 788</u>

F) 11 TOKYO 774 G) 11 TOKYO 798 H) 11 TOKYO 806 I) 11 TOKYO 824

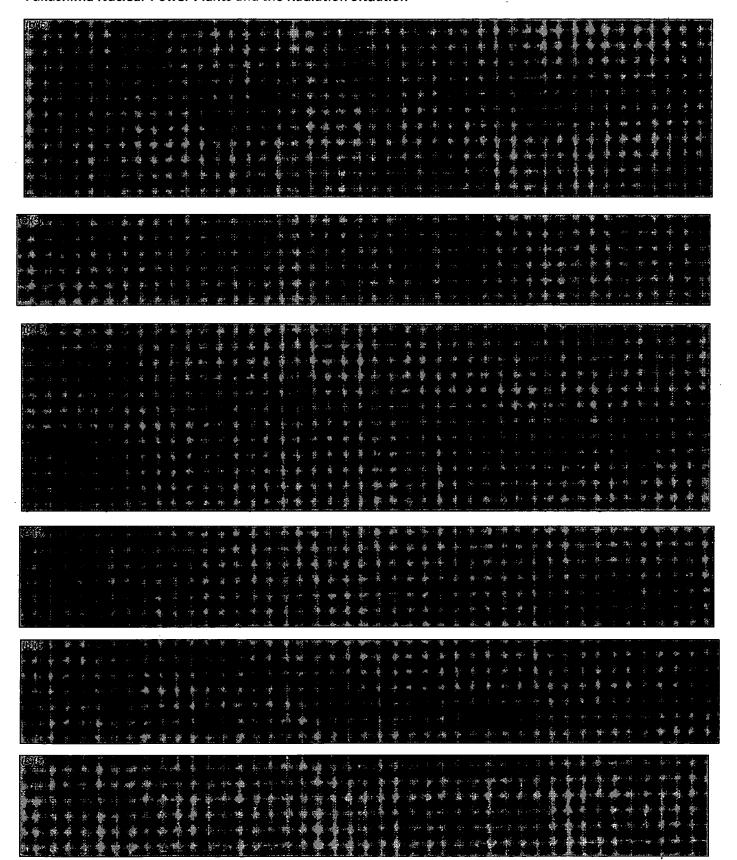
J) <u>11 TOKYO 832</u> K) 11 TOKYO 840

Subject: Japan Emergency Command Center Sitrep #11

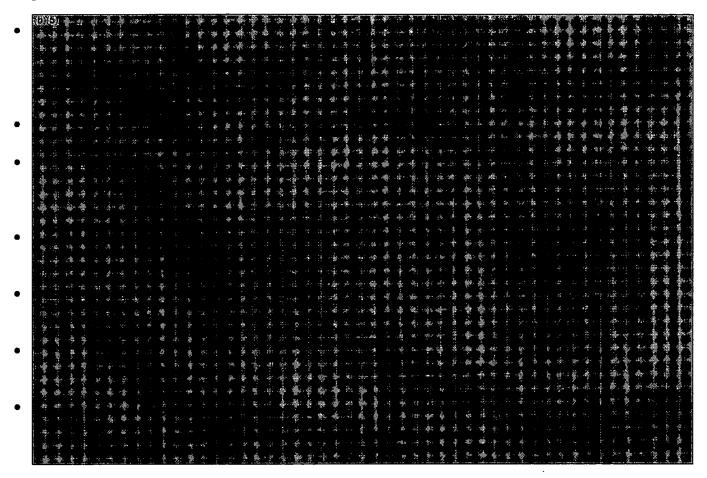
1. (SBU) Begin text:

### **POL/MIL Update**

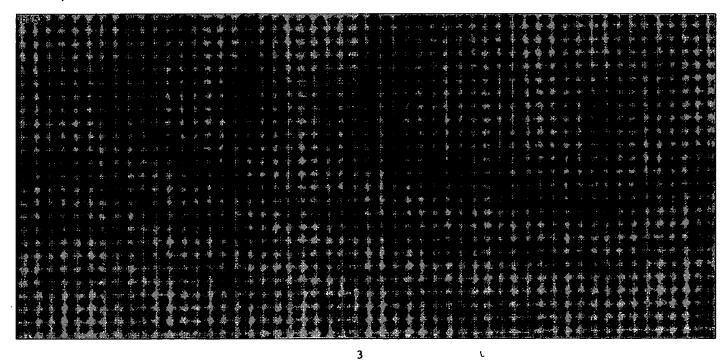
### **Fukushima Nuclear Power Plants and the Radiation Situation**

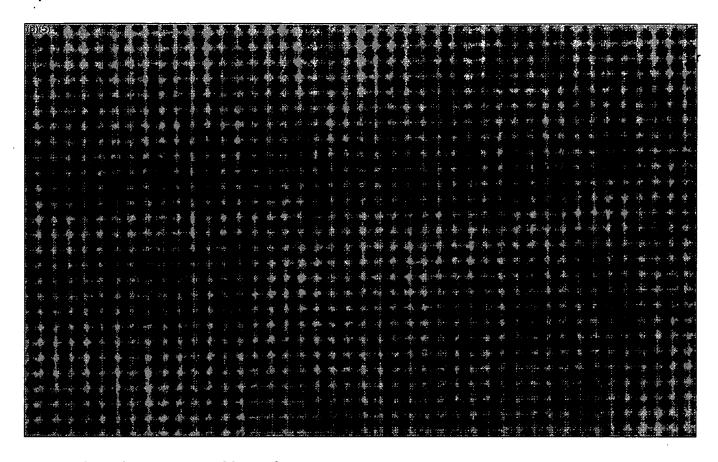


<u>Updated Radiation Readings</u>: Post SEO communicated the following regarding Department of Energy readings.



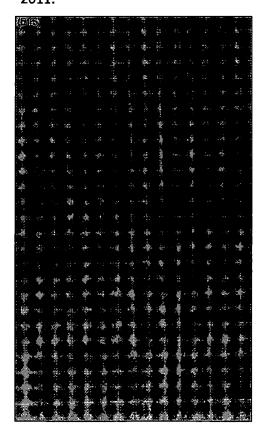
### **DOE Update**

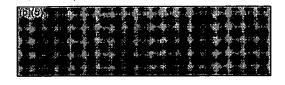


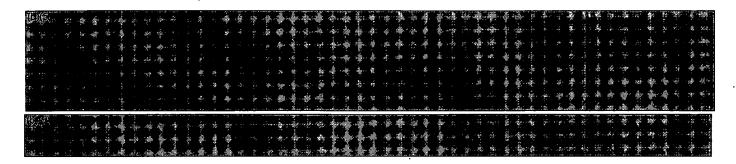


### Earthquake and Tsunami Casualties Update

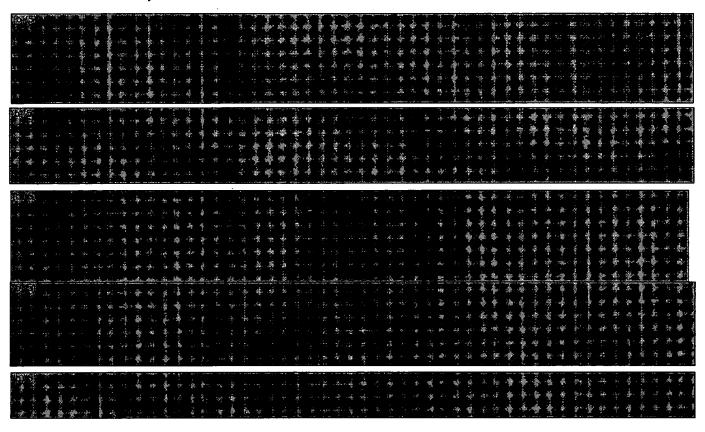
The National Police Agency (NPA) reported the following casualty figures as of 22:00 Thursday March 17, 2011:

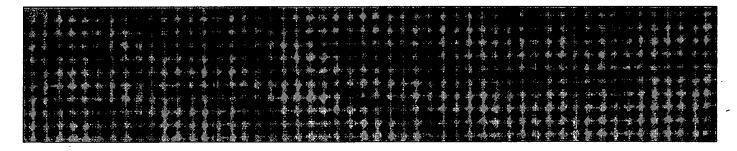




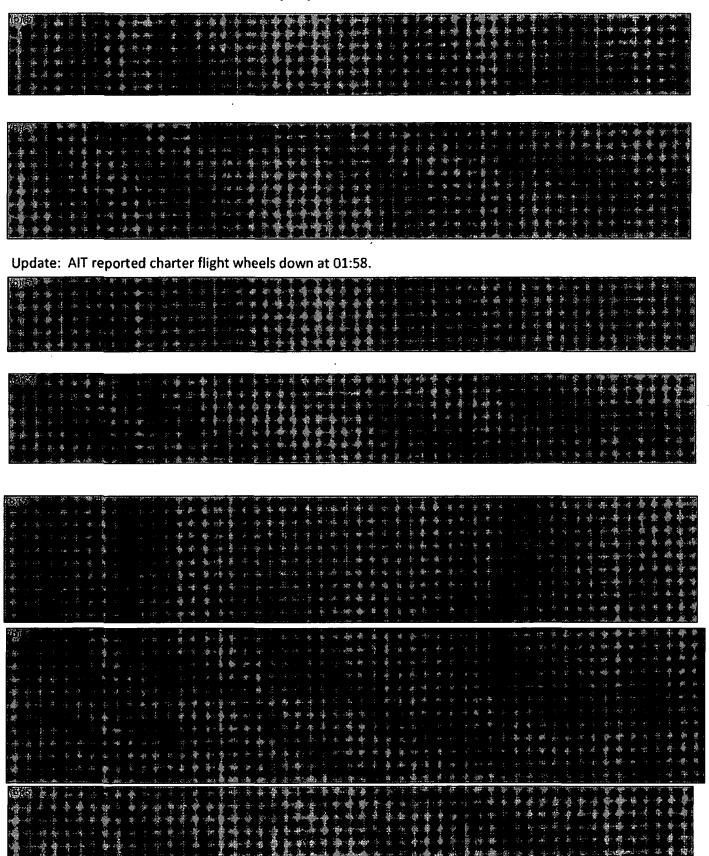


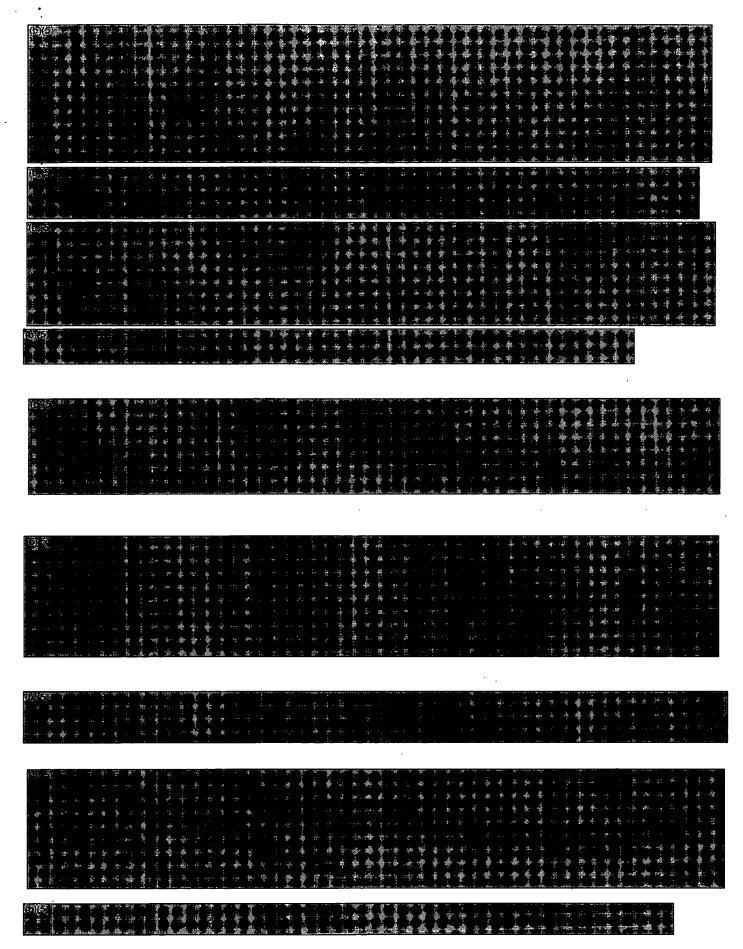
### **Search and Rescue Update**

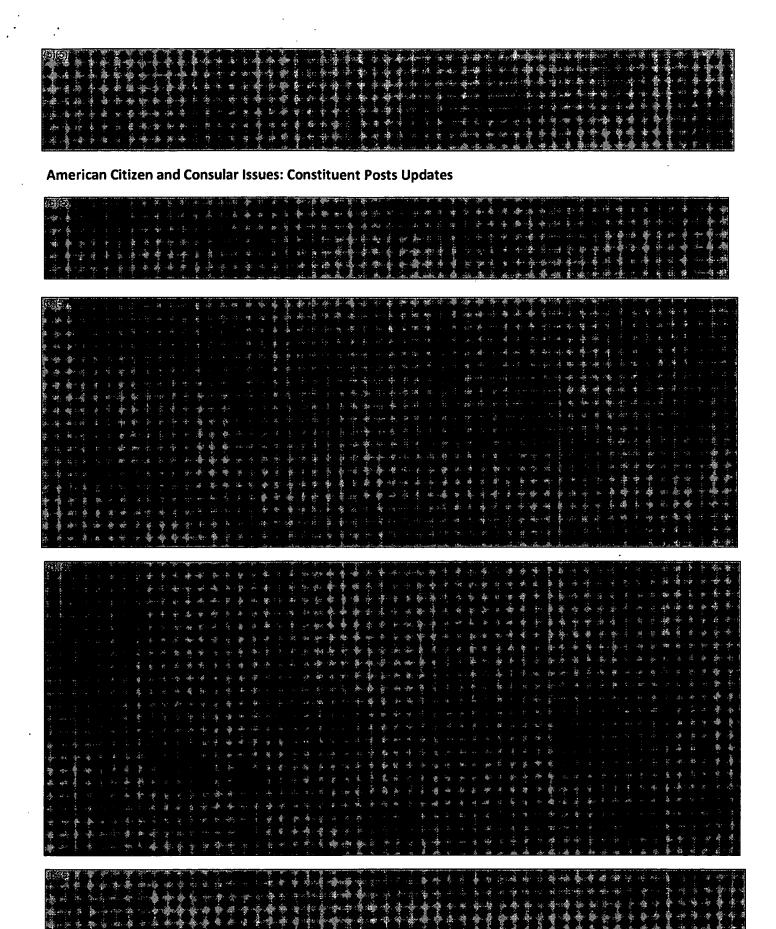


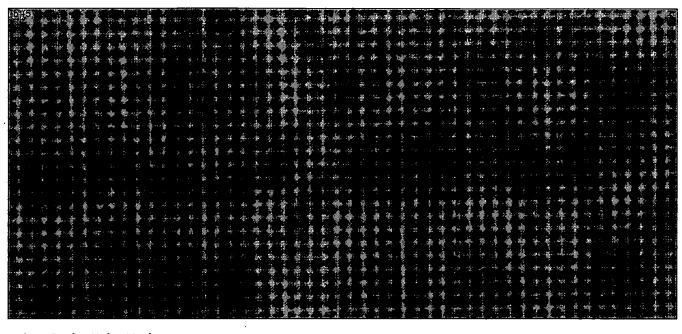


# American Citizen and Consular Issues: Tokyo Updates

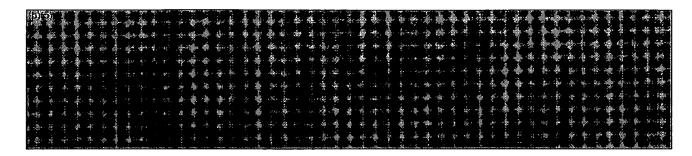




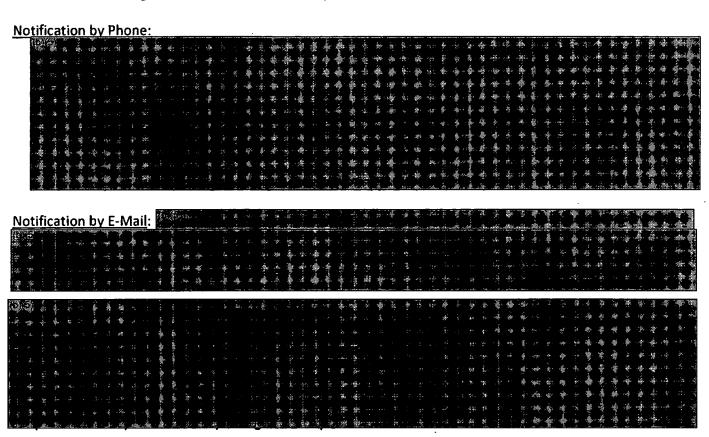




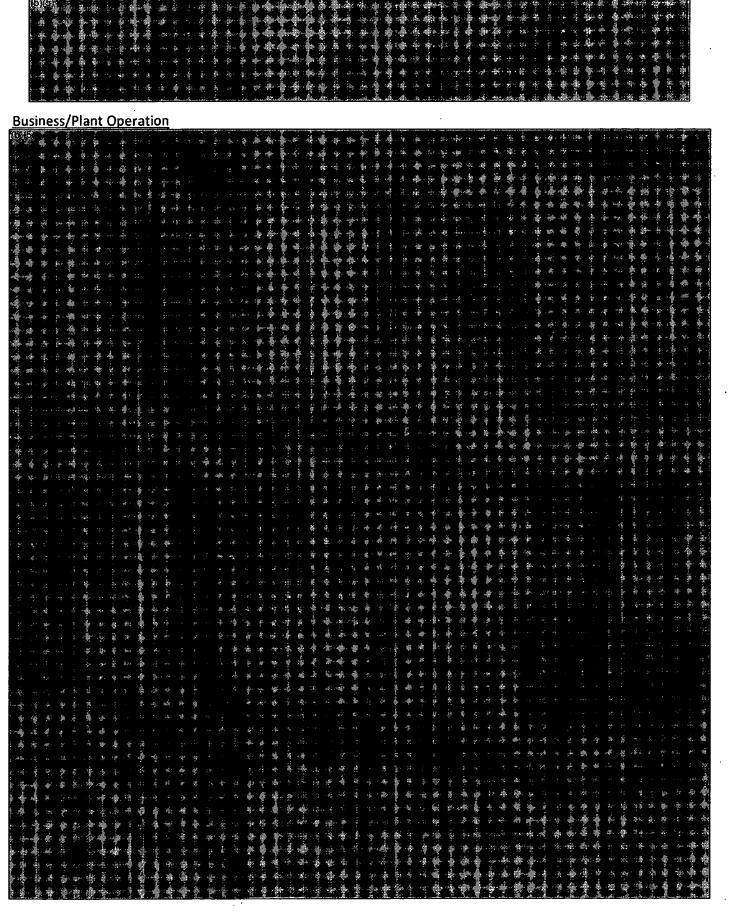
ConGen Osaka-Kobe Update:

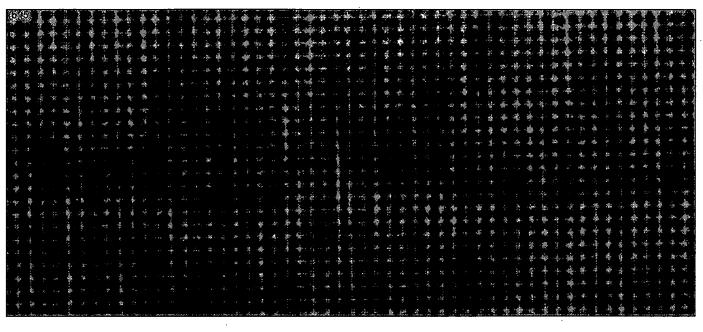


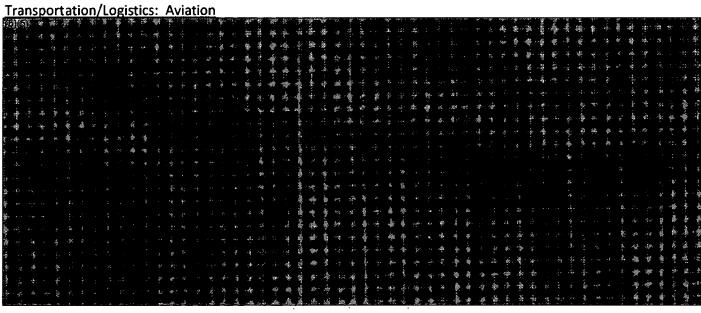
# **Notification of Foreign Missions of Authorized Departure**

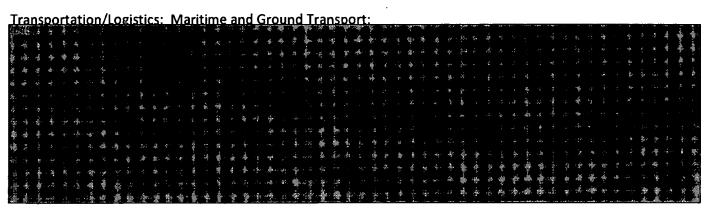


# **Domestic Economic Update**

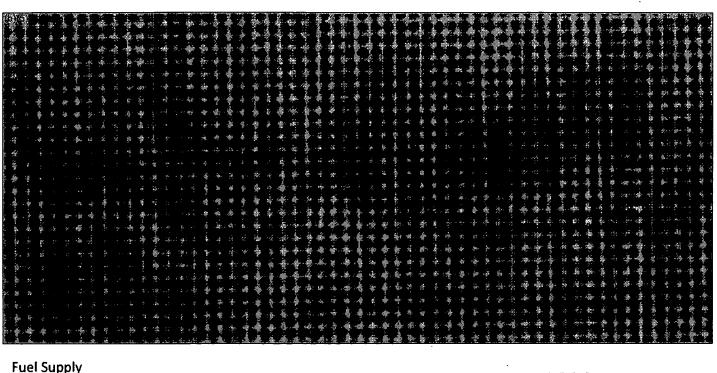


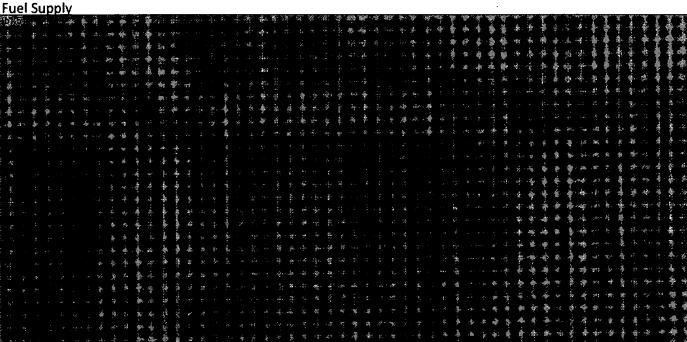


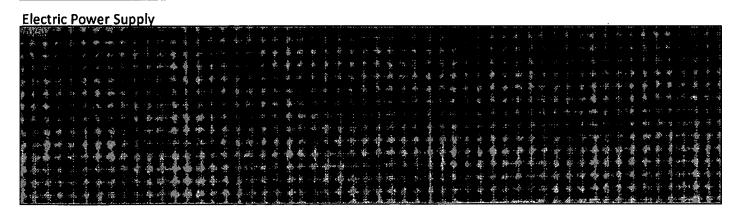


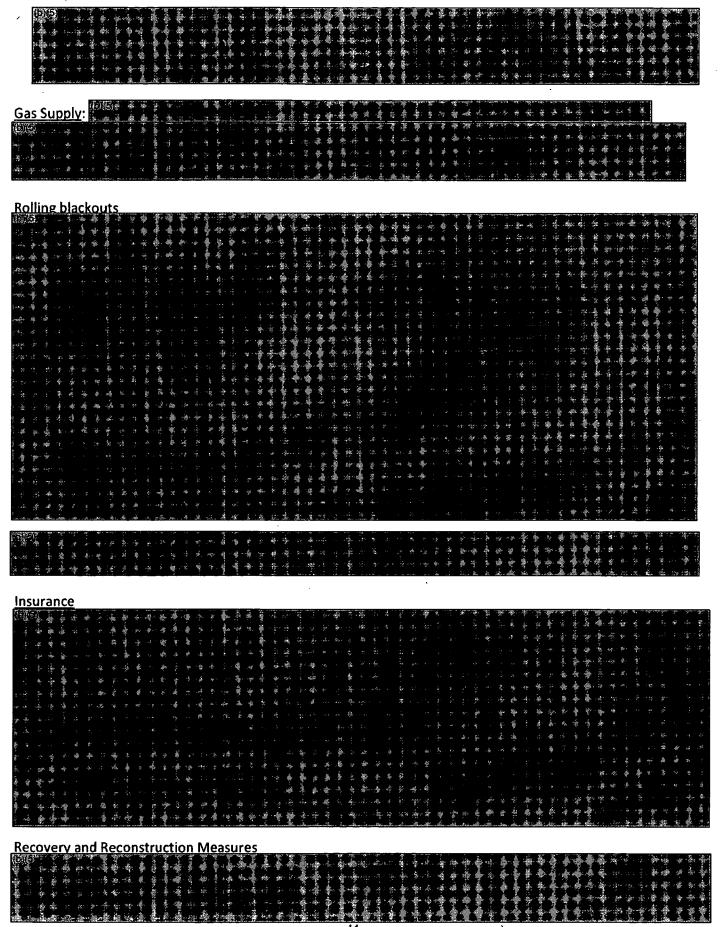


Economic Impact of Transportation/Logistics:

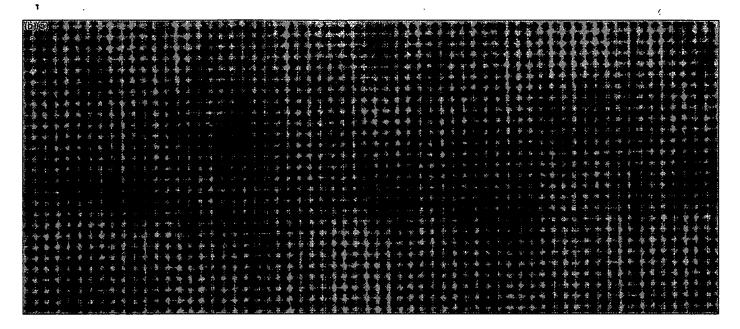




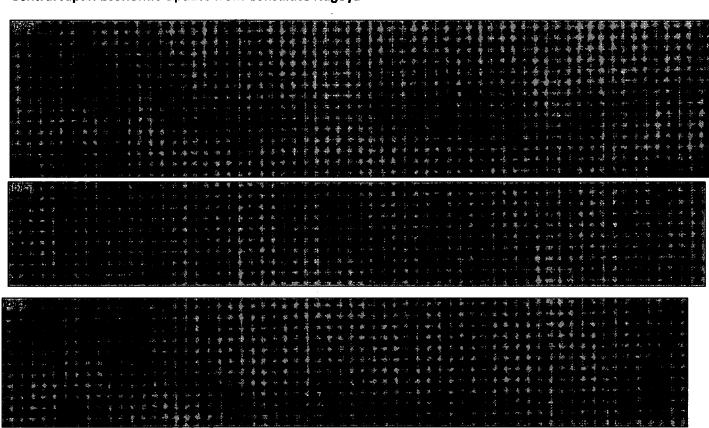




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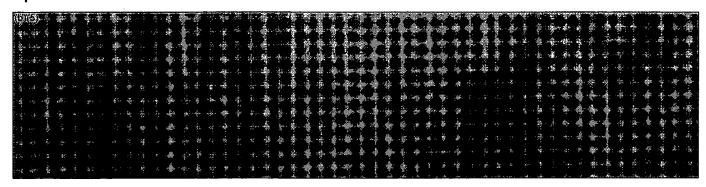


# Central Japan Economic Update from Consulate Nagoya

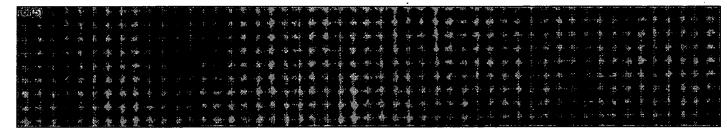


# International/Global Supply chain issues

Exchange Market



Investigation into Japanese Food Imports



End text.

Signature: Roos

Drafted By: TOKYO:Cipullo, Tim Approved By: Hotz, Raymond

Released By: TOKYO:Berger, Claire

Info:

Attachments: Metadata.dat

**Action Post:** 

**Dissemination Rule:** 

IMO, POL, DAO\_INFO, CONS\_ACTION, MGT\_ACTION, CONGEN, CLO, EXEC, LEGAT, MLO, POL\_INFO, EAC, ORA, RSO

**UNCLASSIFIED** 



From: Sent: Bock, Yoni Friday, March 18, 2011 10:09 AM

To: Cc:

Reeves,

Trigilio, John (OSD);

Clark, Ngoc (OSD);

DART PACTSU:

RMT\_PACTSU; Atteberry, Christopher (OSD);

Subject:

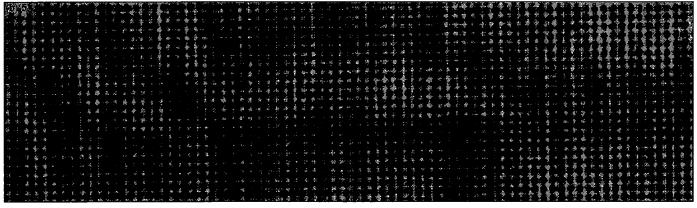
Jap EQ/TSU MITAM - March 18, 2011 (2300)

Attachments: PacTSU MITAM - March 18 2011.xls

**CAT Chief - For Action** 

Everyone Else: For Information

Please note that there are five new missions in this MITAM for March 18.



v/r Yoni

Mr. Yonahton Bock

Military Liaison Officer / Civ-Mil Coordinator Japan Earthquake/Tsunami DART

Email: ybock@usaid.gov

Blackberry:

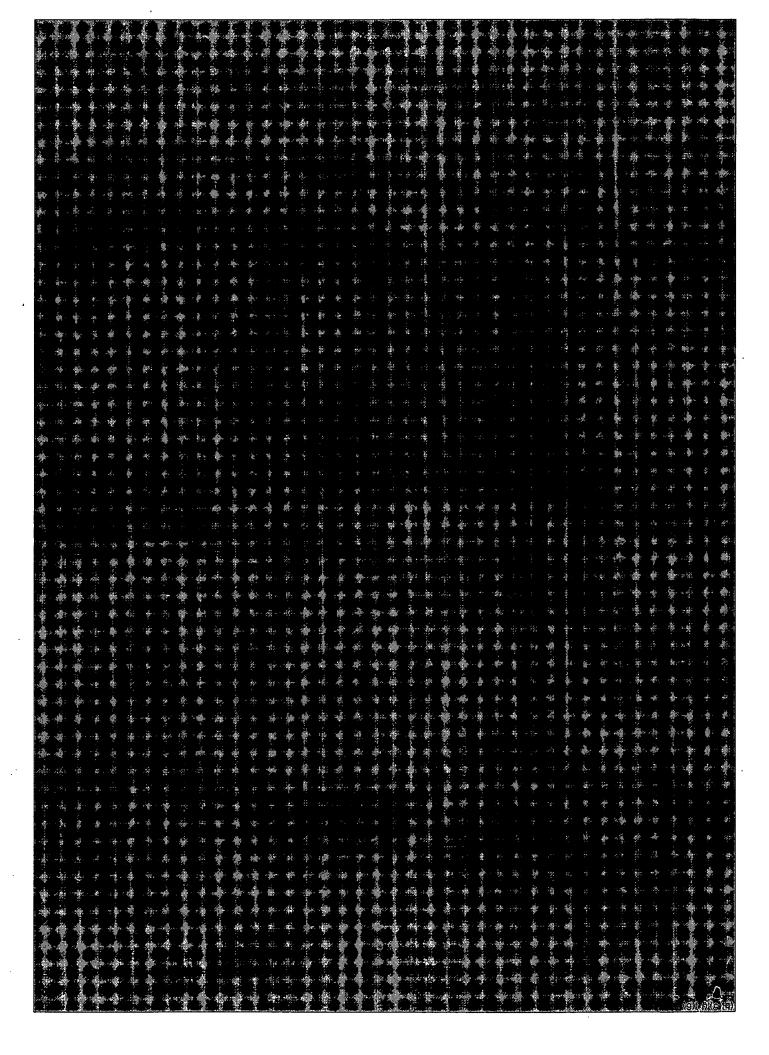
DNS at USFJ: 225-4329, 3137, 2469

From US (or non DSN) (011 81) 425 522-511 From Japan (non DSN) 0425 522-511 after dial tone, ext

52469, 53137

BC/254

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| · 李德克· 李维·李克克  |  |   |  |  | 2*         |



From:

Magee, Erin K. (DCHA/OFDA)

Sent:

Friday, March 18, 2011 10:56 AM

To:

DART\_PACTSU; RMTPACTSU\_DMO; RMTPACTSU\_DMP; RMTPACTSU\_INC;

RMTPACTSU\_PRO; RMTPACTSU\_RM

Subject:

(SBU) 03.18.11 - USAID/DART Japan Earthquake and Tsunami Field Notes #6

Attachments:

(SBU) 03.18.11 - USAID-DART Japan Field Notes #6.doc

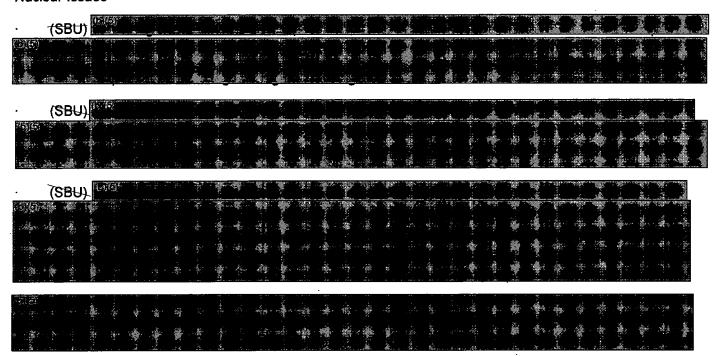
### -- U.S. Government Only --

Please Note: This is for information purposes only. Please do not distribute outside of the RMT or DART.

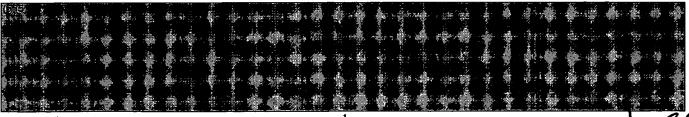
-(SBU) USAID/DART Japan Earthquake and Tsunami Field Notes #6

03.18.11

### **Nuclear Issues**



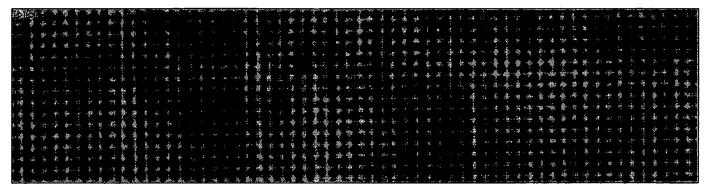
## Urban Search and Rescue



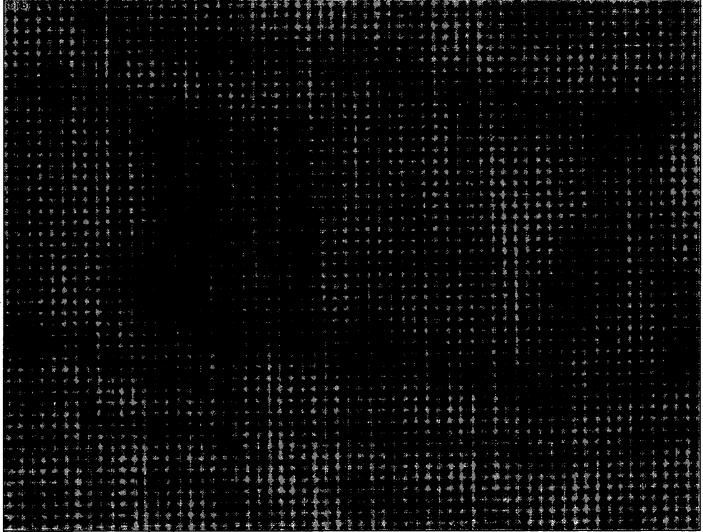
BC 255

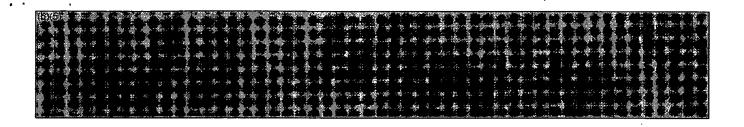


# **Humanitarian Situation**

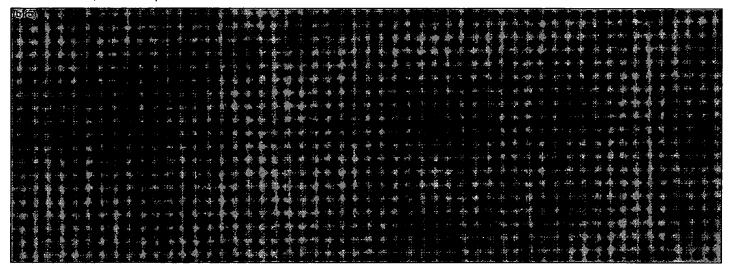


# **USAID/DART Assessment**





# U.S. Government Response



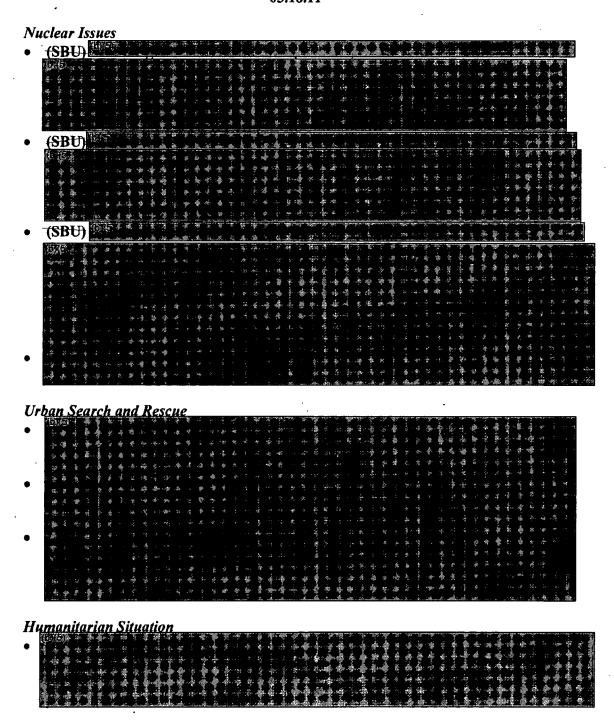
Erin Magee Information Officer

USAID Disaster Assistance Response Team (USAID/DART) Japan Earthquake and Tsunami Cell Phone: +1-

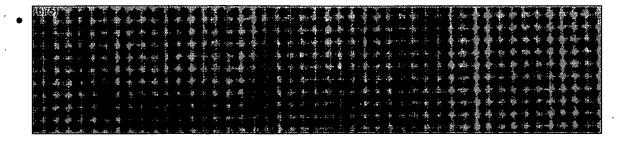
Email: emagee@ofda.gov; emagee@usaid.gov

# - U.S. Government Only Please Note: This is for information purposes only. Please do not distribute outside of the RMT or DART.

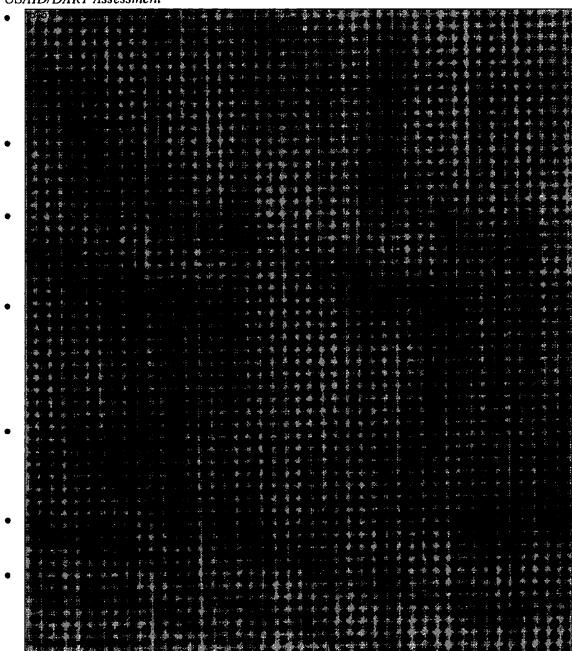
# USAID/DART Japan Earthquake and Tsunami Field Notes #6 03.18.11



# - Internal OFDA Use Only - Do Not Distribute -



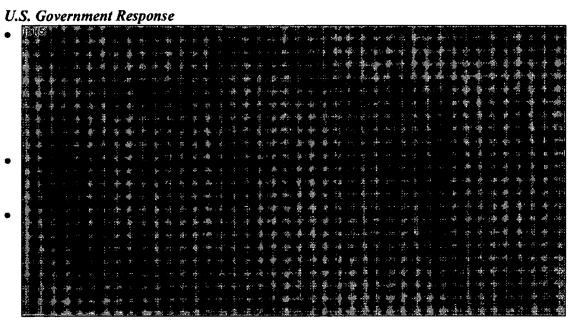
# USAID/DART Assessment



# -- Internal OFDA Use Only -- Do Not Distribute --







From: . Sent:

Cherry, Ronald C CherryRC@state.gov] Friday, March 18, 2011 11:03 AM

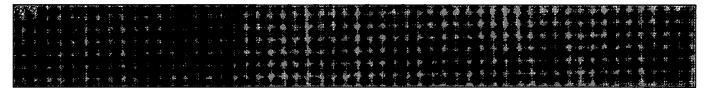
To:

Alan Remick; Aleshia Duncan; Cook, William; Smith, Brooke; Casto, Chuck; Damian Peko; Duncan, Aleshia D; Howard, E. Bruce; Foster, Jack; Trapp, James; James Trapp (BB); Joe Hughart; Joe Hughart (DART); Monninger, John; Johnstone, Gregg M; Foggie, Kirk; Mears, Jeremy M; Morales, Russell A; Devercelly, Richard; Kolb, Timothy; Nakanishi, Tony; Ulses,

Anthony

Subject: Attachments: FW: AMB Recurring Meetings.docx AMB Recurring Meetings.docx

All:



Thanks.

Ron

This email is UNCLASSIFIED.

From: Angelov, Bonnie A

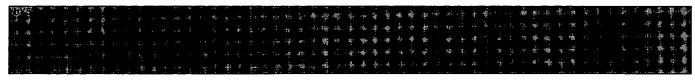
Sept: Friday, March 18, 2011 10:43 PM

To: Cherry, Ronau C; Tong, Kurt W; Luke, Robert S; Young, Joseph M; Chang, Benjamin; Kelley, Karen D (IO/Tokyo); Cooper, Justin D; Berger, William (RDMA/OFDA); Beed, John A; Beed, John; Fitzgerald, Paul M; JapanEmbassy, TaskForce

Cc: Basalla, Suzanne I; Fuller, Matthew G; Hinds, Lynda J; Alexander, Kathleen J; Zumwalt, James P

**Subject:** AMB Recurring Meetings.docx

Dear All,



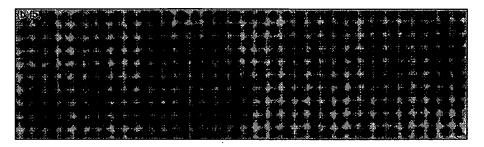
See you tomorrow,

Bonnie

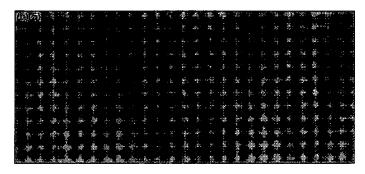
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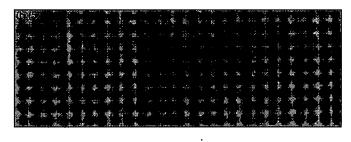
BC 256

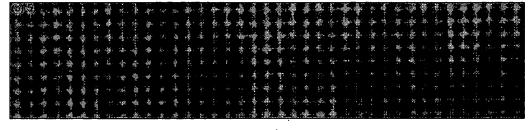
### PROPOSED SCHEDULE FOR AMBASSADOR

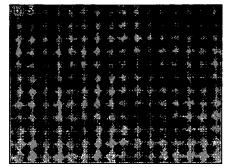












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| į.         |                |          | gir<br>gir |           | · 4 | 4   | ķ.  |          |    |     |       |         |      |     |            |        |        |      |      |      |       | - 1      |          | æ.          | Q.     | ø    | 1        | • 1        | ķ.    | *    | d.      | ***   |             |             | *      | *      | 37    | 4       | -      |          | Ġ.  | **  | 7       | 1-19 | * .        | **    | Gr. | 1   |
| ,<br>8 ,   | . 2            | 4        | <br>26.    | ž.        | 3.  | 4   |     | · ·      |    |     |       |         |      |     |            |        |        |      |      | ŵ.   | d.    | *        |          | *           | Ŷ      | *    | . \$     | ,          | *     | ***  |         |       |             |             |        | φĝ.    |       | 800     | ń      |          |     |     | 4       | * 2  |            | Ŕ     | 9   | 1   |
| (          |                | ė        | Žio.       | 81        | *   | 1   | Ĺ.  |          | 4  | ,   | 8     |         | i    |     |            | *      | à      |      |      |      | å     | W        |          | ×.          | 12     | 4    | ٠.       |            |       | *    |         |       |             |             |        |        |       | Ġ.      |        | ž.       |     | d.  | 13      | 4    |            |       |     | -1  |
| 3          | į.             |          | ž:         |           |     | 4   | , . | ú        | ă. |     | 8,    |         | į.   | فيم | دري        | di.    | 7      |      | k .  | j.   | *     | *        |          | e de        | ×2:    | á    | ۋۇس      | <u>.</u>   |       | ė.   | · · · · | 4     |             | a           | 4      | Apr.   | j.    | ×.      |        | ķ.,      |     | **  |         | Í    | å.         |       | 4   |     |
| 7 73       | *              | r :      | 7          |           |     | -   | •   | ~        | 7  |     | Ψ.    |         |      |     |            | 3      | 3      |      | ,    | ng.  |       | 3        |          |             | 31     |      |          | 2          |       | à    | - 000   |       |             | es.         | Ž.     | 4      | 12    | 38      | . 1    | ž.       | *   | 236 |         |      | 6          |       | he  |     |
| <b>P</b> 4 |                | \$ . f   | •          |           |     | . 4 |     | <u>٠</u> | *  | - 1 | 8.    |         | 2    | 18  |            | *      | - 19   | 187  | E 13 | ¥X   | #     | 7        |          |             |        | * ** |          |            | do.   |      | 250     | 3     |             | <u>.</u>    | Ţ      | 3      | 760   | 2       |        | £        | *   | 30  |         |      |            |       | ž.  | 3   |
| 4 %        |                |          | W.         |           |     | 1   | t   | Ļ.       |    |     | ķ.    |         |      |     |            | 2      | *      |      |      | ×.   | digit | 4        |          |             | *      | 4    | ¢ · *    | k          | *     | *    | #       | - 8   | <b>*</b> \$ |             | Ţ      | *      | 4     | •       |        | r        | ă.  | 7   | 200     | 1    | 9          | 1,700 | **  |     |
|            |                |          | **         |           |     |     |     |          |    |     |       |         |      |     |            |        | 1      |      |      | ×.   | ·     | Ą        |          |             | *      | - 6  | (        |            | (der) | *    | -       | **    | 10          | <b>.</b>    | ŵ.     | À.     | *     | 1       | 1      | r        | *   | *   | *       | 1    | *          | 200   | Ŧ   | - 3 |
| j          |                | <u> </u> | 28.        |           | w.  |     | į.  |          |    |     |       |         |      |     |            | Ó      | ć      |      |      | 3    | 4     | - 4      | <b>*</b> | 4.          | À      | 4    | -4       |            |       | *    | ide     | 4     | 1           | <u>٠</u> ٠٠ | ٠      | 8.     | -     | *       |        | •        | *   | *   | *       | 48   |            | 74    | 4   |     |
|            |                | 8.       | ~<br>•     | â         |     |     |     | 34       |    |     |       |         |      |     |            | **     | 8      |      |      | 4    | å     | 4        |          | , in        | 4      | 4    | 4 3      | ÷.         | ggs:  | à    | è       | 4     | 1           | <b>,</b>    | *      |        | Ü     |         |        | <b>.</b> | Ŷ.  | *   | *       | 4    | <b>b</b> - | ÷     | 4   |     |
|            |                |          | Ž.,        |           |     |     | 7.  | ₹        |    |     |       |         |      |     |            | i      |        |      |      |      | 2     | i        | 8.       |             | Á      |      | <b>.</b> | 3          | 24.   | . ž, | Á       | ä     |             | È.,         | à.     | 4      | - 10  | 8       |        | <u>.</u> | À   | i.  | - 46    | . 4  | <b>8</b>   | 4     | *   | . , |
| 3 - 4      | ,              | \$#<br>; | ?          | Ž         | 4   | - 4 |     | 3        |    |     |       |         | -    | *   | 3          | *      | *      |      | * ** | ***  | ***   | *        | 4        | 4           | 3      | 3    |          |            | Sec.  |      | 30      | *     |             | 3           | 7      |        |       | ×       |        | ĺ.       | *   | de. | 3       |      | 3%         | 6     | é   |     |
|            |                |          | *          |           | 83  |     |     | Ħ        |    |     |       |         |      |     |            | *      | ŕ      |      |      | *    | - #   |          | *        | 4           | *      | *    | *        | è          | *     | * 4. | 200     | *     | *           | *           | W.     | NA.    | - 68  | 9       | , ,    | ,        | *** |     |         | •    |            | 200   |     |     |
| 4. 4       |                |          |            | Ŕ         | of  |     |     |          |    |     |       |         |      |     |            | ٥^     |        |      |      | *    | 14    | ( 3      |          | de<br>:     | *      |      | for c    | •          | *     | *    | *       | 2     |             | ?           |        | *      | 86    | 1       |        | 35       | ್ಷೇ | *   | *       |      | 2**        |       |     |     |
| in 1       |                |          | á          |           | A.  |     | *   |          |    |     |       |         | *    |     | 4          |        |        |      |      | *    | 19    |          | ě        | ø           | 8      | . 18 |          | és ·       | 4     |      | *       | 8     |             | *           |        | *      | 8     | 14      |        | ķ        |     | 10  | 4       | * *  | *          | ***   |     |     |
| 5 s        |                | 2        | *          | á         | 18  |     |     |          |    |     |       | ₩.      | ×    |     | *          | 1      | -      |      | WA   | \$.  | 4     |          |          | ÷.          | 2      | -A   | ,        | \$         | *     | -    | *       | 4     | 2.          | *           |        | ig     |       | 4       | 1      | N.       | 1   |     | 4       |      | ¥,.,       | 4     |     |     |
| 20. 3      |                | ž.       | . 8.       | -?<br>-À. | 36  | Ξ,  |     |          |    | -   | ð.    | à       | 8    | i.  | in.        |        |        |      | 34   |      | . 2   | 6 43     | 160      | è           | . ;    |      | ŕ        | <u> </u>   | å     | i    | ~¥.     | 7     | ×           | ķ.          | 85     | 4      | 4     | 4       | *      | ξη.·     | dr. | Ý   |         | . 6  | Ķ:.        | Se.   | 4   | *   |
| * 4        |                | 15       | 8,0        | *         | -73 | - : |     | 4        |    |     |       | *       |      |     | Ĭ.         | 2      | - :    |      | du.  | 4    | - 6   | - :<br>a | 8.0      | Ž.          | 36     |      | 3        | 6.         | ě.    | - 1  | 988     |       | á.          |             | 387    | - 2    | À     | -/      |        | į.       | -36 | ė   | . 4     | S. 1 | 8          | 1     | à   |     |
| \$1. A     | 1              | *        | 3          | *         | 4   | ,   | ¥ . |          | *  |     | Y /   | *       | -    |     | Ţ          | 3      | Ý      |      | Æ.   | *    | - 1   |          |          | 7           | 3      |      | 6        | W          | 2     | 3    |         | Ĭ     | 27.1<br>Sec | See est     | 200    |        | 3     | á       |        | X.       | à   | 4   | . 16    | w .  | 280        |       | 4   |     |
| 4          | 1              | 8        |            | *         | 86  |     |     |          | *  |     | ¥     | 4       | 4    |     | *          | -      |        | Ŕ    | 100  | *    | 1     | 8 +      | •        | *           | - 87   | , 9  | 9        | ***        | *     | ¥    | - 3     |       |             |             | 77     | Ţ      | 7     | 7       |        | ľ        | *   | 2   | ~ %<br> |      |            |       | 7   |     |
| <b>*</b> 4 |                | Ġ        |            | ŵ         |     |     |     | ×        | À  |     |       | *       | *    | *   | P          | ·      | 100    |      | *    | *    | . 4   |          |          | *           | *      | >4   | e.       | <b>.</b> : | .%    | 4    | 100     | 4     | it          | *           | 4      | 1      | 7     |         |        | ¥.       | ň.  | 7   | -       |      | *          | *     | 4   |     |
| at I       |                | á.       | x)         | k         |     |     | -   |          | 3  |     |       | ê       | 4    |     | walking to | -23    | -      |      | ě    | è    |       | ş. 4     | į.       | ٠           | ø      | 11   | lic 1    | *          | *     | *    | **      |       | ķ           | 4           | *      | 4      | 4     |         | 8: i   | 9        | *   | 1   | 4       |      | *          | *     | 9   |     |
|            | ,              | 4        | mi e       | á.        |     |     |     | ja.      | 1  |     | 2     | , Silve | , di |     | i.         | 68     | 4      | ė    | Š.   | Í    | : 48  | 3 4      |          | ŵ           | á      |      |          | 1          | 4     | ŵ    | É       |       |             | *           | *      | . 🏚    | . 4   |         | 100    | ₩-       | 4   | 4   | - 6     | - ×  | ŵ.         | 4     | c 🐗 | 1   |

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| 10 m     | * 1    | ź.  |    |          |      |    |    |     |    |     |        | Æ.        |      |      | **         | ***             | ××.    | *          |                      | 3        |      | 3/   |
|          | ile a  | *   |    |          | 58.  |    |    |     |    |     | ,      |           |      | - 18 | *          | 286             | ilige. | - Aller me |                      |          | *    | V.A.   |
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| 0.44     | > . /  | * % | \$ | <u> </u> |      | 2: | *  | -95 |    | 2   | (30.00 | es pro-   | - 22 | . @  | *          | Ţ.,             | I.     | <b>T</b>   | - sapara a<br>Agian. | 32       | · ·  |  |

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From: Sent:

Cherry, Ronald C CherryRC@state.gov Friday, March 18, 2011 3:44 AM

To:

Alan Remick; Aleshia Duncan; Cook, William; Smith, Brooke; Casto, Chuck; Damian Peko; Duncan, Aleshia D; Foster, Jack; Trapp, James; James Trapp (BB); Klingmeyer, James F; Monninger, John; Johnstone, Gregg M; Foggie, Kirk; Mears, Jeremy M; Morales, Russell A;

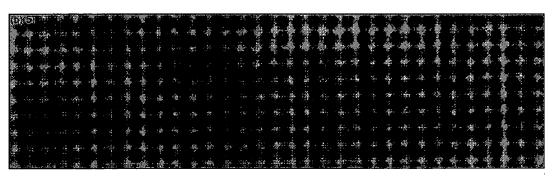
Devercelly, Richard; Kolb, Timothy, Nakanishi, Tony; Ulses, Anthony

Subject:

FW. DOE MOSCOW UPDATE / 2000 MOSCOW TIME/ 17 MAR 11

Attachments:

(E)\_Strizhov\_CV.DOC



### Ron

This email is UNCLASSIFIED

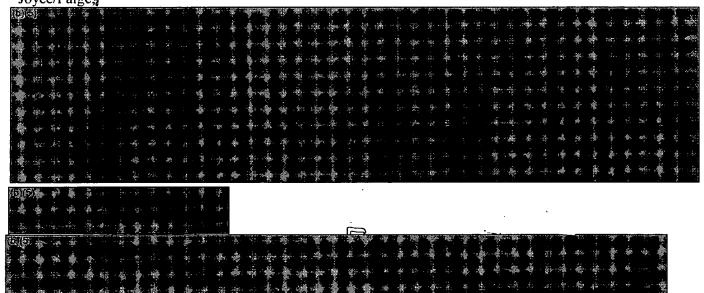
From: Shearer, Jon E

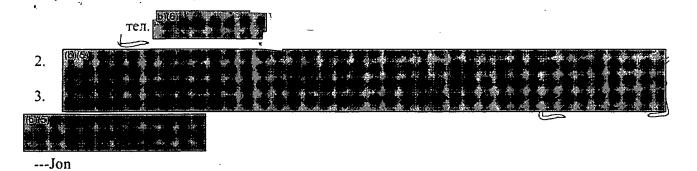
Sent: Thursday, March 17, 2011 7:59 PM To: 'Connery, Joyce'; 'Fitzgerald, Paige'

Cc: Buzzard, Christine M; Vogler, Katherine M; Martin, Loretta G; Ustyuzhanin, Andrey P; 'Roecker, Scott';

🕮 🦠 🦂 🍕 🤫 🦤 💸 Huizenga, David'; 'Harrington, Anne' Subject: DOE MOSCOW UPDATE / 2000 MOSCOW TIME/ 17 MAR 11

Joyce/Paige,





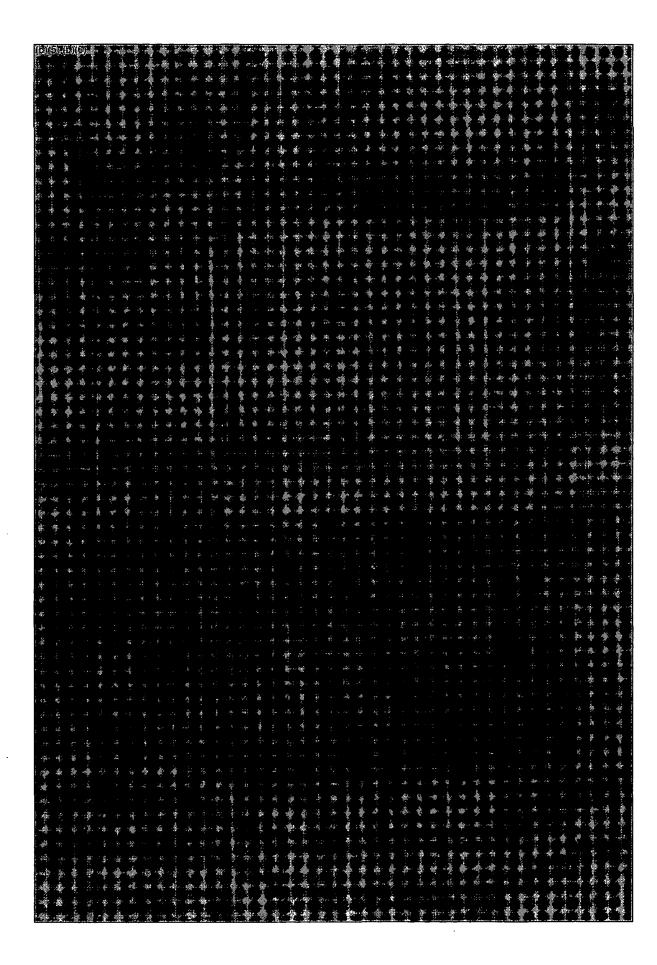
Jon Shearer

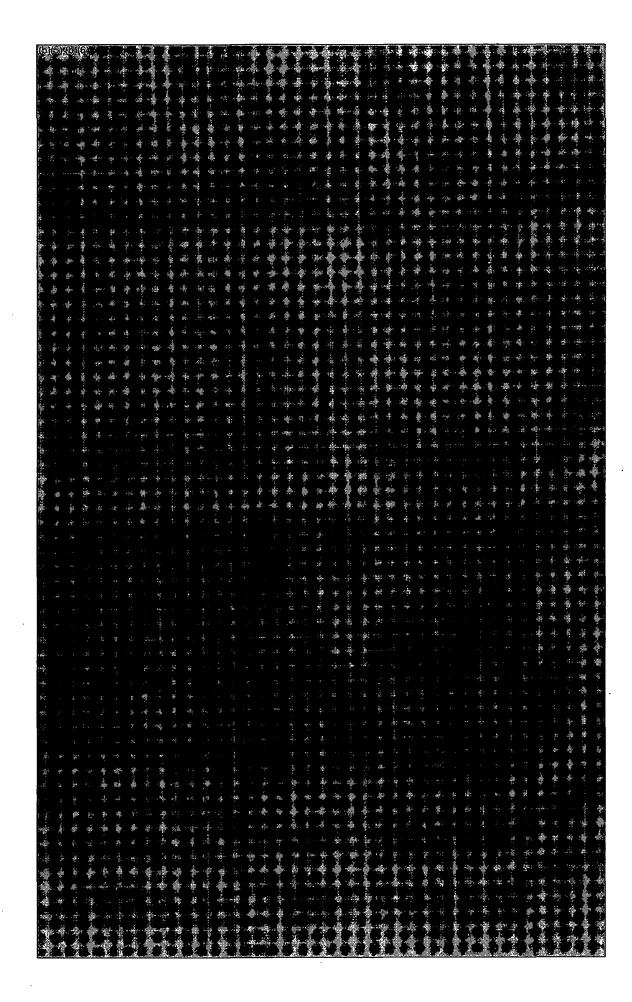
**Deputy Director** 

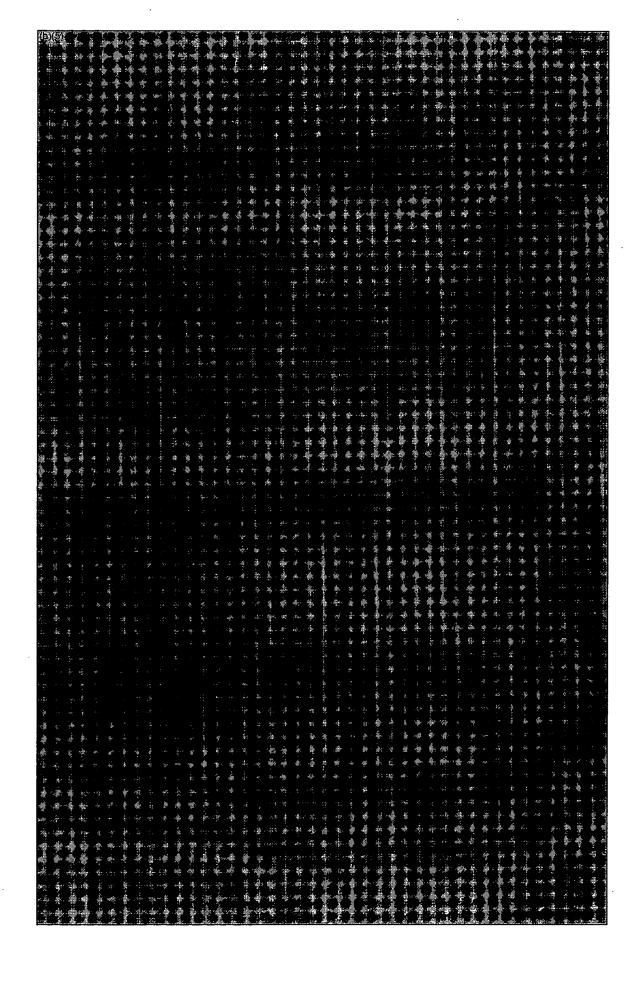
Department of Energy Moscow Office

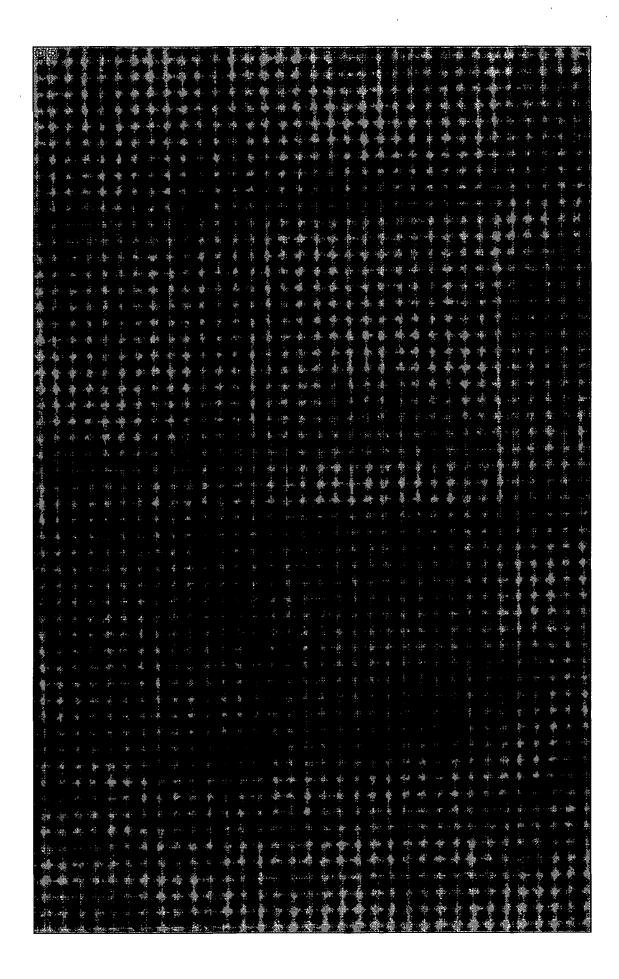
shearerie@state.gov

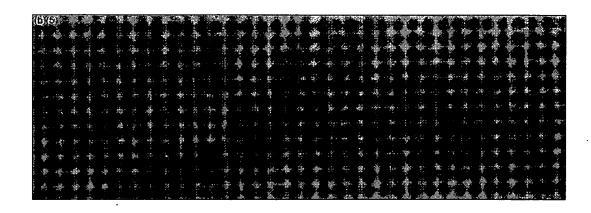




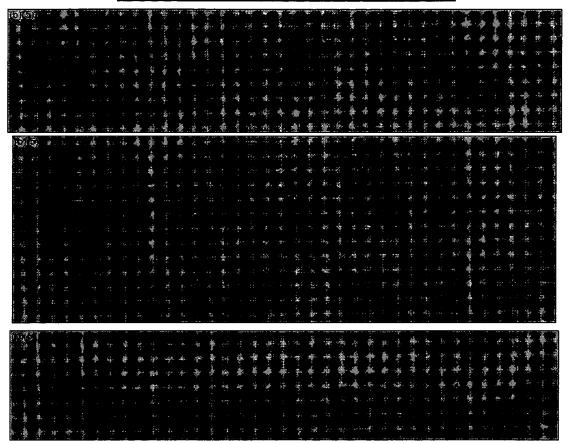








# Phone Call with Brooke and Kirk - March 18th - 7:15 PM



BC 258

From:

Hughart, Joseph (FOH) [Joseph.Hughart@foh.hhs.gov]
Friday, March 18, 2011 8:14 PM
hcohen@usaid.gov

Sent:

To:

Cc:

GB/III I I A.A.A.A.A.A.A.A.

Subject:

Japan Earthquake/Pacific Tsunami DART Safety and Security Plan:

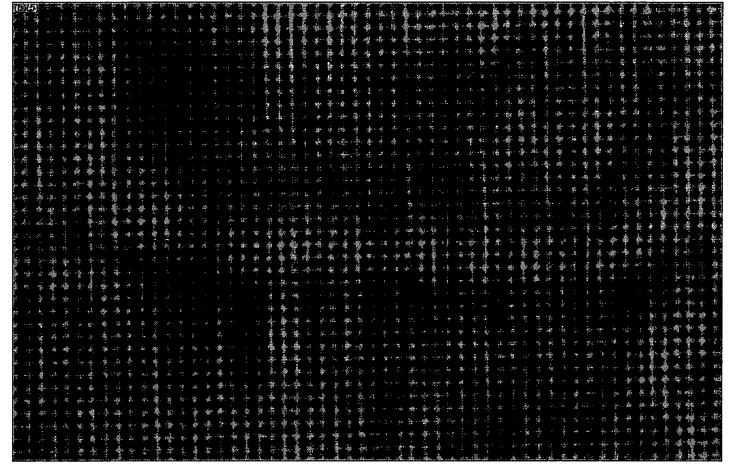
March 19 2011

Update

Attachments:

Japan EQ SS Plan.xlsx

## SENSITIVE BUT UNCLASSIFIED - CONTAINS PERSONAL HEALTH INFORMATION; DO NOT DISTRIBUTE

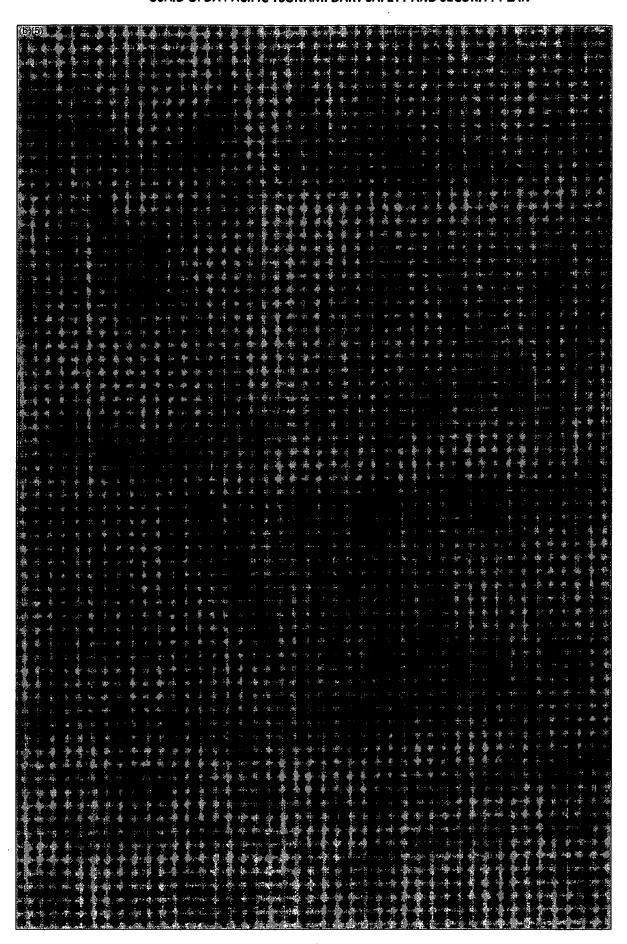


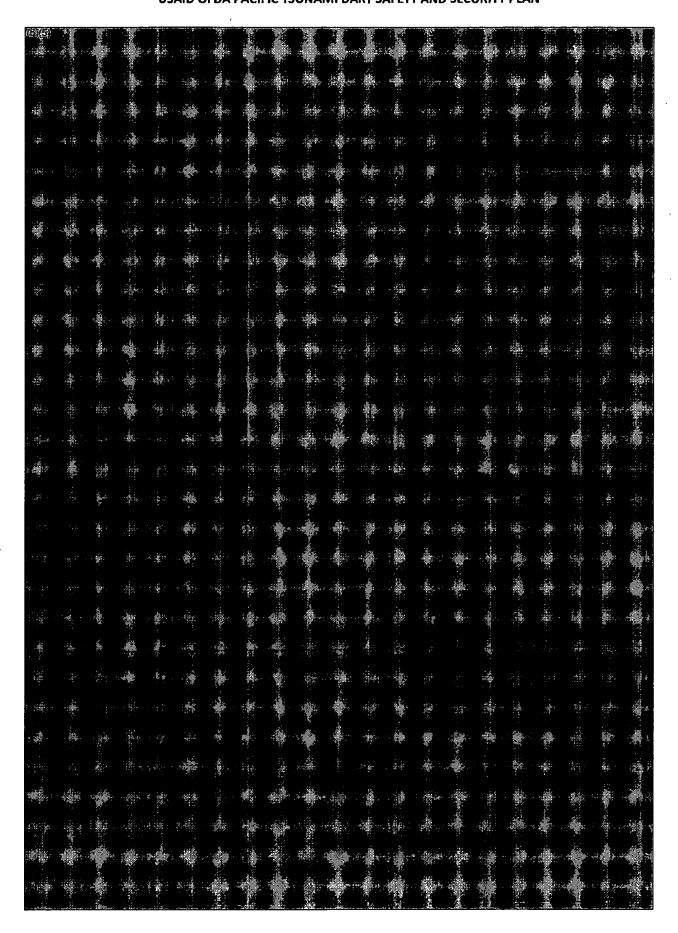
## Best,

- Joe Hughart **CAPT USPHS HHS PSC FOHS** 404-667-5905 joseph.hughart@foh.hhs.gov

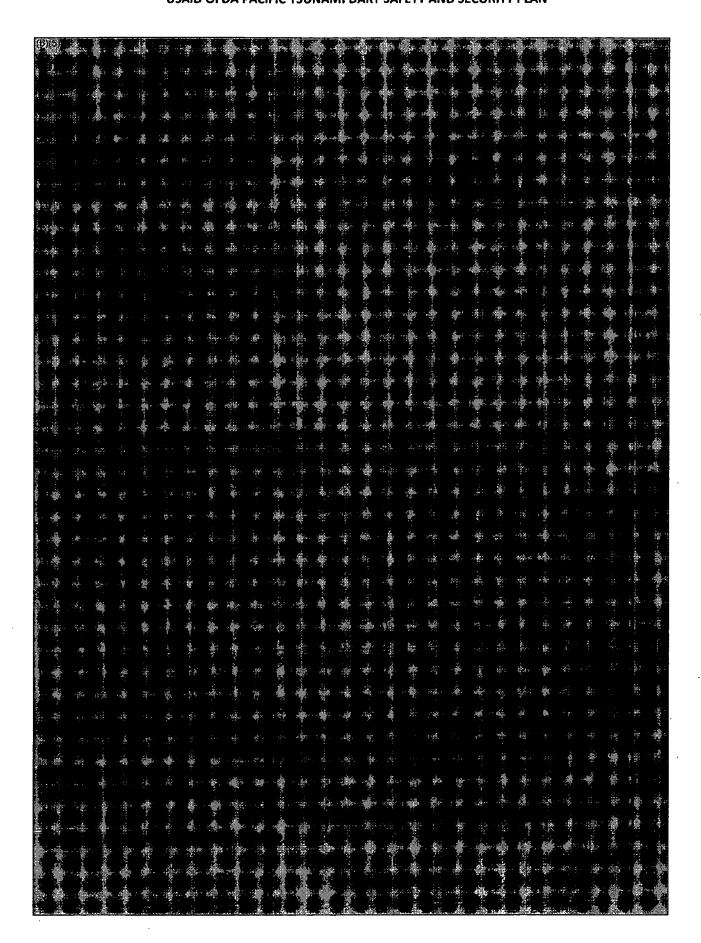
BC\ 259

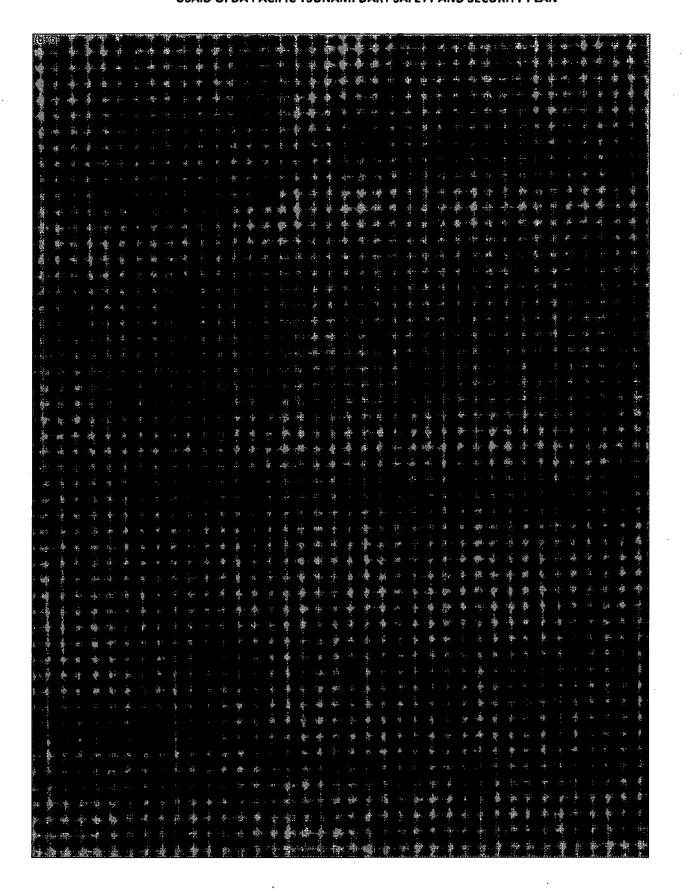
### **USAID OFDA PACIFIC TSUNAMI DART SAFETY AND SECURITY PLAN**





#### **USAID OFDA PACIFIC TSUNAMI DART SAFETY AND SECURITY PLAN**





From:

Cherry, Ronald C CherryRC@state.gov)

Sent:

Saturday, March 19, 2011 3:02 AM

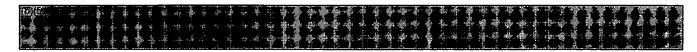
To:

NITOPS; JapanEmbassy, TaskForce; Alan Remick; Aleshia Duncan; Cook, William; Smith, Brooke; Casto, Chuck; Damian Peko; Duncan, Aleshia D; Howard, E. Bruce; Foster, Jack; Trapp, James; James Trapp (BB); Joe Hughart; Joe Hughart (DART); Monninger, John; Johnstone, Gregg M; Foggle, Kirk; Mears, Jeremy M; Morales, Russell A; Devercelly, Richard;

Kolb, Timothy; Nakanishi, Tony; Ulses, Anthony

Subject:

Canadian Interest in collaboration on Fukushima modeling



This email is UNCLASSIFIED.

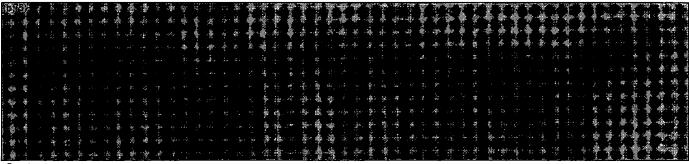
From: Christopher.Burton@international.gc.ca [mailto:Christopher.Burton@international.gc.ca]

**Sent:** Saturday, March 19, 2011 2:06 PM

To: Cherry, Ronald C Cc: Duncan, Aleshia D

Subject: Re: Exploring interest to undertake a Joint Demarche RESTRUCTION

Hi Ron.



terry.wood@international.gc.ca anthony.hinton@international.gc.ca shawn.caza@international.gc.ca

Thanks a lot for your help. Let's keep in touch.

Best regards, Chris Burton

From: Cherry, Ronald C CherryRC@state.gov>
To: Burton, Christopher TOKYO -GR
Cc: Duncan, Aleshia D DuncanAD@state.gov

Sent: Sat Mar 19 00:08:28 2011

Subject: FW: Exploring interest to undertake a Joint Demarche RESTRICTED

Dear Christopher,



Regards,

Ron Cherry
Ronald C. Cherry
Energy Attaché
Director, DOE Japan Office
U.S. Embassy Tokyo
Tel. (0)3-3224-5444
Fax (0)3-3224-5769
Cell
email CherryRC@state.gov

This email is UNCLASSIFIED.

From: David.Fitton@fco.gov.uk [mailto:David.Fitton@fco.gov.uk]

"Sent: Friday, March 18, 2011 6:08 PM

To: Robert.Derouin@international.gc.ca; Zumwalt, James P; brendon.hammer@dfat.gov.au;

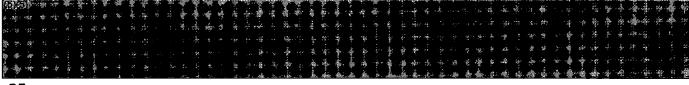
mark.pearson@mfat.govt.nz; Martin.Hatfull@fco.gov.uk; David.Ellis@fco.gov.uk

Cc: Deborah.Paul@international.gc.ca; Christopher.Burton@international.gc.ca

Subject: Re: Exploring interest to undertake a Joint Démarche RESIREMENT.

CLASSIFICATION: RESTRICTED

Robert and james



DF

David Fitton (from mobile)

From: Robert.Derouin@international.gc.ca < Robert.Derouin@international.gc.ca >

To: ZumwaltJP@state.gov <ZumwaltJP@state.gov>; David Fitton (Restricted); brendon.hammer@dfat.gov.au

<bre><bre>cbrendon.hammer@dfat.gov.au>; mark.pearson@mfat.govt.nz <mark.pearson@mfat.govt.nz>

Cc: Deborah.Paul@international.gc.ca < Deborah.Paul@international.gc.ca>; Christopher.Burton@international.gc.ca

<Christopher.Burton@international.gc.ca>

Sent: Fri Mar 18 08:21:57 2011

Subject: Re: Exploring interest to undertake a Joint Démarche

From: Zumwalt, James P < ZumwaltJP@state.gov>

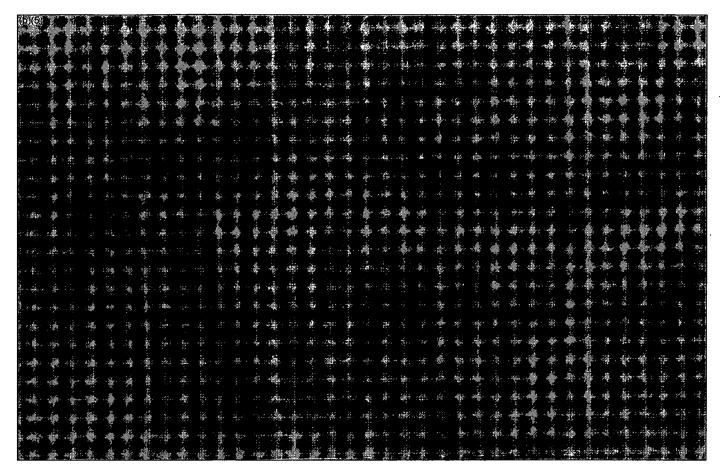
To: Derouin, Robert -TOKYO -GR; david.fitton@fco.gov.uk <david.fitton@fco.gov.uk>; brendon.hammer@dfat.gov.au

<brendon.hammer@dfat.gov.au>; mark.pearson@mfat.govt.nz <mark.pearson@mfat.govt.nz>

Sent: Fri Mar 18 15:42:30 2011

Subject: RE: Exploring interest to undertake a Joint Démarche

Robert



Jim

James P. Zumwalt
Deputy Chief of Mission
U.S. Embassy, Tokyo
1-10-5 Akasaka
Minato ku Tokyo 107-8420

http://tokyo.usembassy.gov/zblog/e/zblog-emain.html

-SBU---

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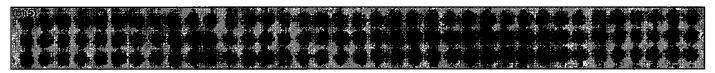
**From:** Robert.Derouin@international.gc.ca [mailto:Robert.Derouin@international.gc.ca]

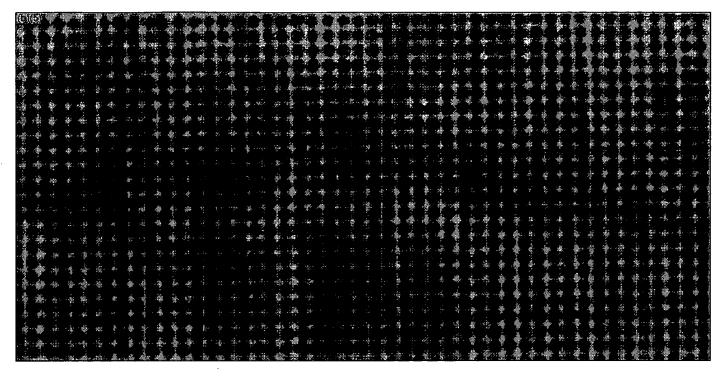
Sent: Friday, March 18, 2011 3:23 PM

To: david.fitton@fco.gov.uk; Zumwalt, James P; brendon.hammer@dfat.gov.au; mark.pearson@mfat.govt.nz

Subject: Exploring interest to undertake a Joint Démarche

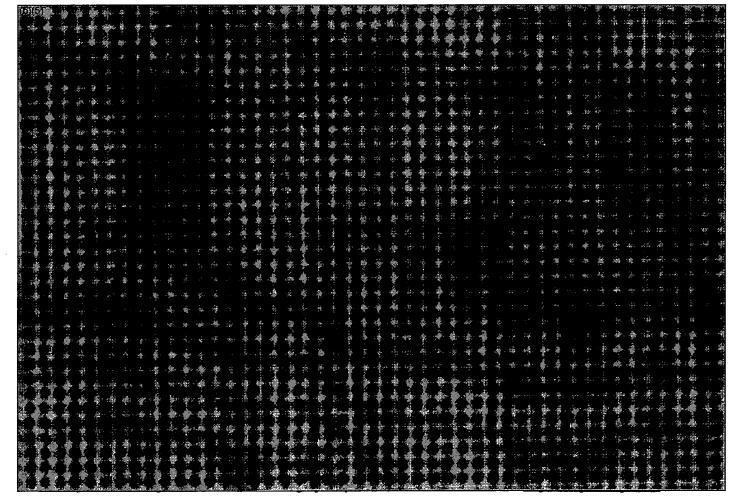
Dear Colleagues,





Best regards, Bob

# **TALKING POINTS**



our blogs.

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From: Sent:

Luke, Robert S [LukeRS@state.gov]

To:

Saturday, March 19, 2011 7:24 AM

Tong, Kurt W; Mace, Casey K; Donovan, Joseph R; Deming, Rust M; Patel, Nirav S; Loi, daniel.poneman@hq.doe.gov;

TaskForce-1; zTask Force 1 Mailbox; Japan-Embassy-Task-Force-DL

Cc:

Roos, John, Zumwalt, James P; Basalla, Suzanne I; Fuller, Matthew G, Horowitz, Paul D; Greg Loose; Aaron Held; Casto, Chuck; Greene, Raymond F; usfj-cat-j4

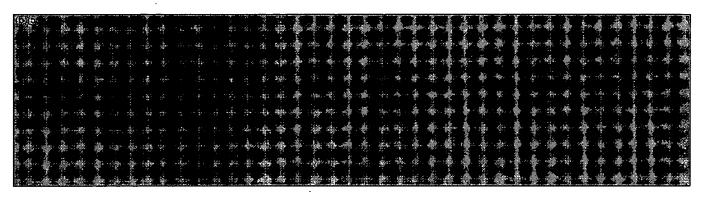
Hecker, James B Col USAF USFJ J3; Davies, Glyn T; Hyland,

Jason P; Cook, William; Smith, Brooke

Subject:

RE: MOD in charge of nuclear disaster response; meeting today to consider possible

response options for Prime Minister



This email is UNCLASSIFIED.

From: Luke, Robert S

Sent: Saturday, March 19, 2011 2:55 PM

To: Luke, Robert S; Tong, Kurt W; Steinberg, James B; Mace, Casey K; Campbell, Kurt M; Donovan, Joseph R; Deming, Rust M; Patel, Nirav S; Loi, James L; daniel.poneman@hq.doe.gov';

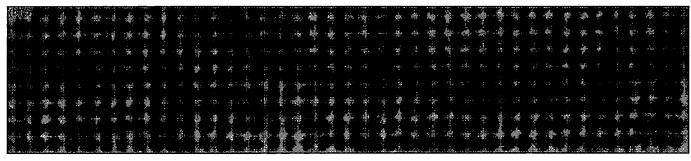
TaskForce-1; zTask Force 1 Mailbox; Japan-Embassy-Task-Force-DL

Cc: Roos, John; Zumwalt, James P; Basalla, Suzanne I; Fuller, Matthew G; Horowitz, Paul D; 'Greg Loose'; 'Aaron Held'; 'chuck.casto@nrc.gov'; Greene, Raymond F; With the control of the

James B Col USAF USFJ J3'; Davies, Glyn T; Hyland, Jason P; 'wac1@nrc.gov'; 'Smith, Brooke'

Subject: RE: MOD in charge of nuclear disaster response; meeting today to consider possible response options for Prime

Minister



This email is UNCLASSIFIED.

BC/261

From: Luke, Robert S

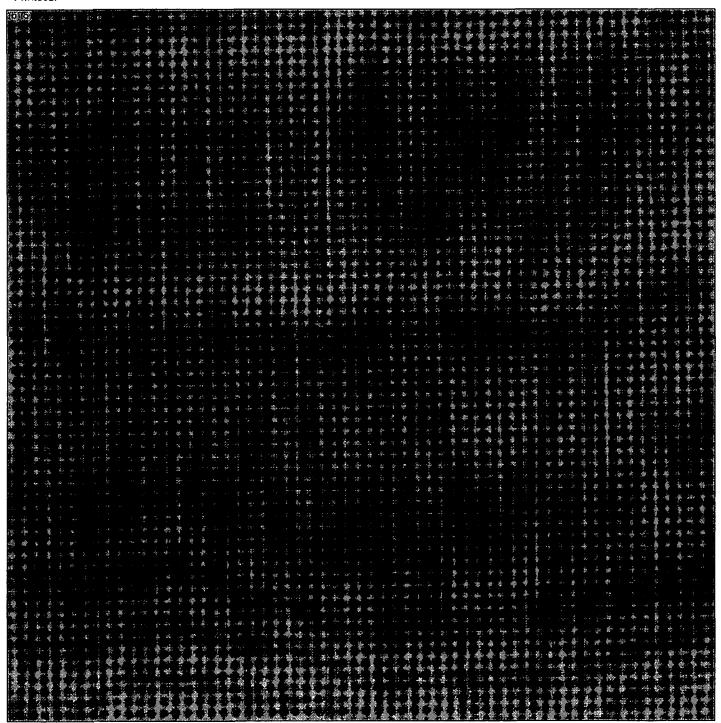
Sent: Saturday, March 19, 2011 2:12 PM

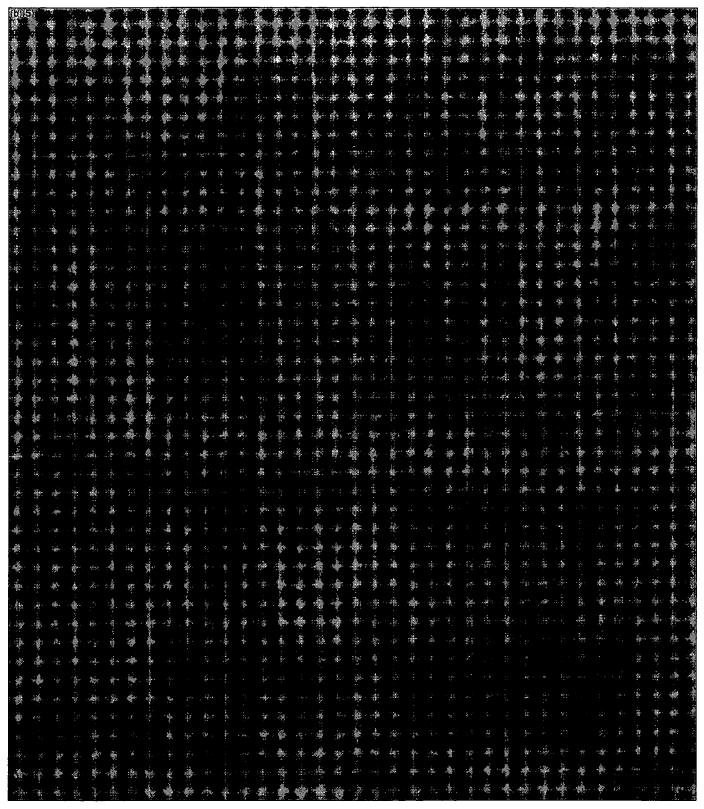
To: Tong, Kurt W; Steinberg, James B; Mace, Casey K; Campbell, Kurt M; Donovan, Joseph R; Deming, Rust M; Patel, 

Force 1 Mailbox; Japan-Embassy-Task-Force-DL

Cc: Roos, John; Zumwalt, James P: Basalla, Suzanne I; Fuller, Matthew G: Horowitz, Paul D: 'Gred Loose': 'Aaron Held'; 'chuck.casto@nrc.gov'; 'Greene, Raymond F; 'Greene, Raymond F; 'Hecker, James B Col USAF USFJ J3'; Davies, Glyn T; Hyland, Jason P; 'wac1@nrc.gov'; 'Smith, Brooke'

Subject: MOD in charge of nuclear disaster response; meeting today to consider possible response options for Prime Minister





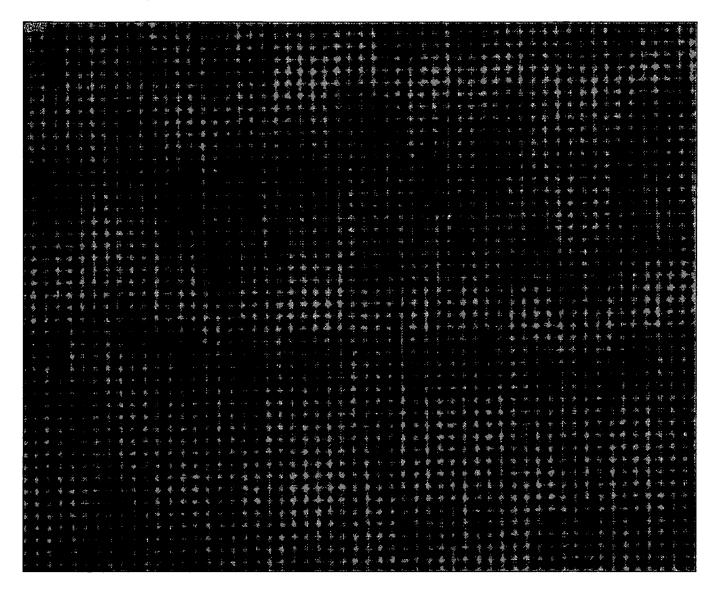
Robert S. Luke Minister-Counselor for Political Affairs U.S. Embassy Tokyo 1-10-5 Akasaka, Minato-ku Tokyo 107-8420 81-33224-5330

From: Magee, Erin K. (DCHA/OFDA) [emagee@ofda.gov]

Sent:

To:

Friday, March 18, 2011 8:10 PM DART\_PACTSU 03.18.11 - OCHA Japan Sitrep Subject: Attachments: 03.18.11 - OCHA Sit Rep.pdf



Erin Magee

Information Officer

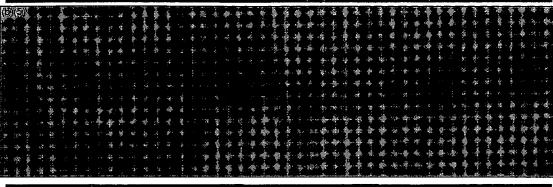
USAID Disaster Assistance Response Team (USAID/DART) Japan Earthquake and Tsunami Cell Phone: +1-

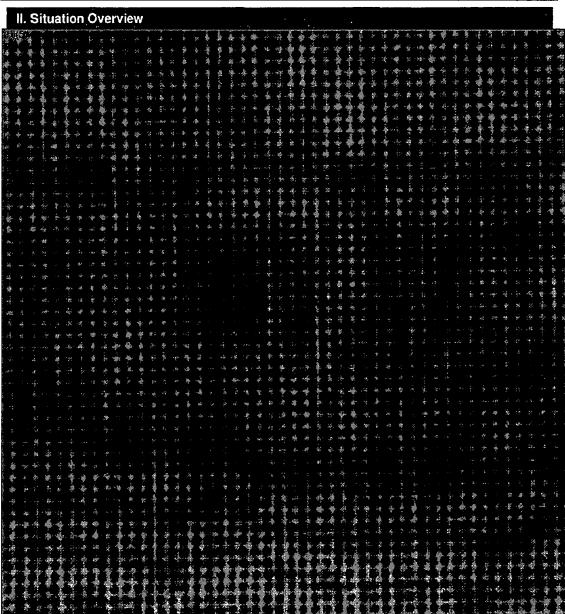
Email: emagee@usaid.gov

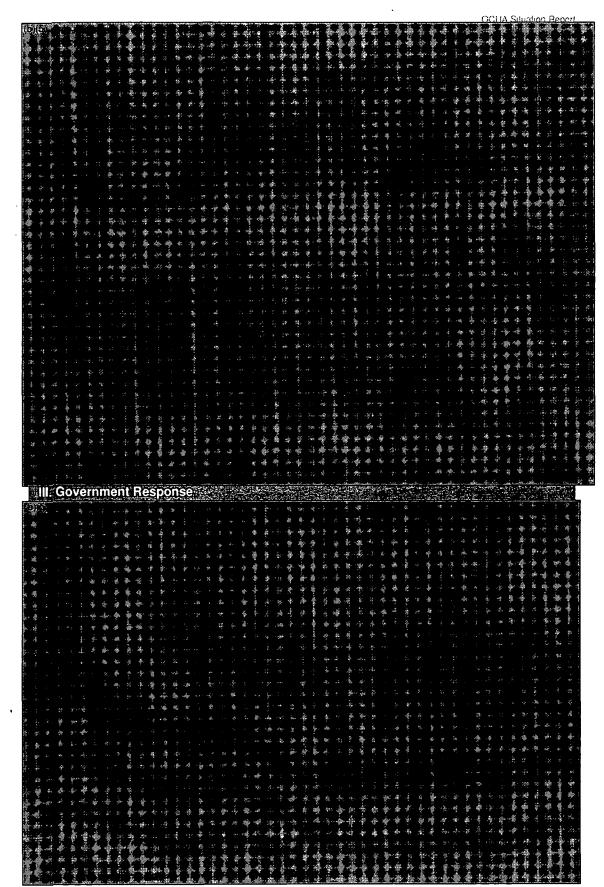
BC/262

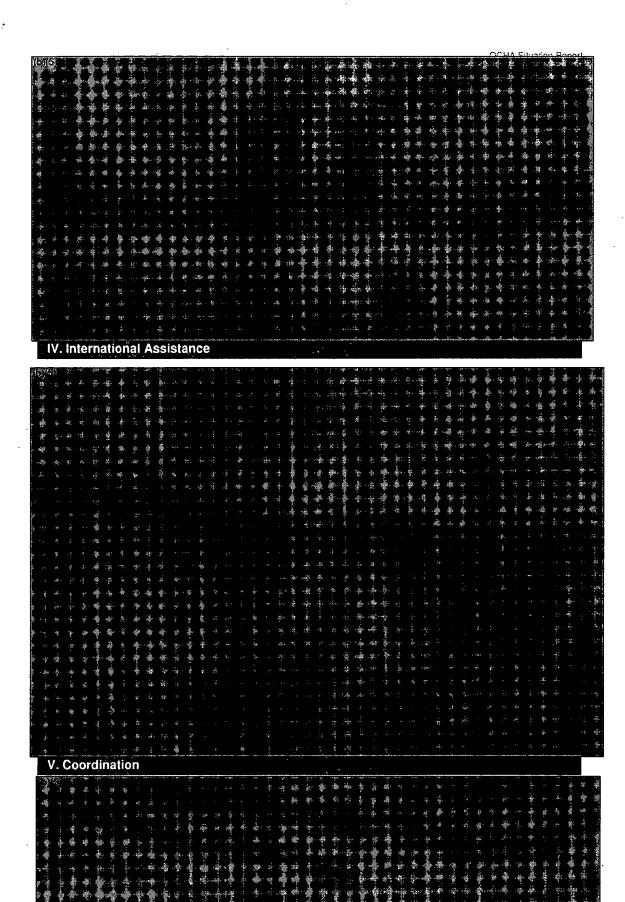
Japan • Earthquake & Tsunami Situation Report No. 7 18 March 2011











### VI. Contact

Please contact:

Tokyo: Kirsten Mildren

UNDAC Public Information Officer mildren@un.org, +66 819 15 1276

New York: Masaki Watabe Humanitarian Affairs Officer Asia-Pacific Section, Coordination and Response Division watabem@un.org, +1-917-367-2832

Ms. Stephanie Bunker Spokesperson and Public Information Officer Public, OCHA New York <u>bunker@un.org</u>, +1 917 367 5126

Geneva: Anvar Munavvarov Humanitarian Affairs Officer munavvarov@un.org +41 (0) 22 917 1489

Ms. Elisabeth Byrs Spokesperson and Public Information Officer, OCHA Geneva byrs@un.org. +41 22 917 2653

byrs@un.org, +41 22 917 2653

For more information, please visit:

http://ochaonline.un.org www.reliefweb.int www.irinnews.org
To be added or deleted from this sit rep mailing list, please e-mail: ochareporting@un.org

From:

Magee, Erin K. (DCHA/OFDA)

Sent:

Friday, March 18, 2011 10:56 AM

To:

DART\_PACTSU; RMTPACTSU\_DMO; RMTPACTSU\_DMP; RMTPACTSU\_INC; RMTPACTSU\_PRO; RMTPACTSU\_RM
(SBU) 03.18.11 - USAID/DART Japan Earthquake and Tsunami Field Notes #6

Subject:

Attachments:

(SBU) 03.18.11 - USAID-DART Japan Field Notes #6.doc

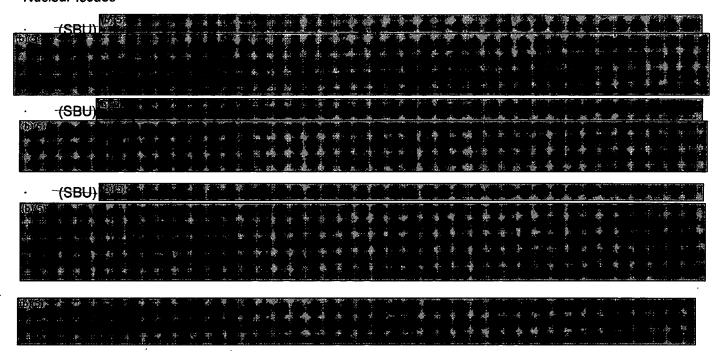
-- U.S. Government Only --

Please Note: This is for information purposes only. Please do not distribute outside of the RMT or DART.

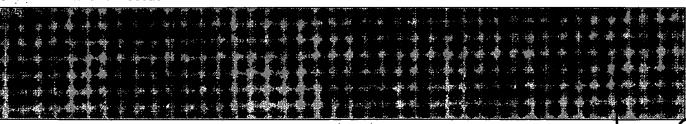
(SBU) USAID/DART Japan Earthquake and Tsunami Field Notes #6

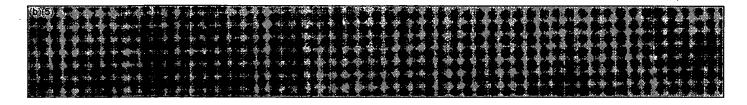
03.18.11

### **Nuclear Issues**

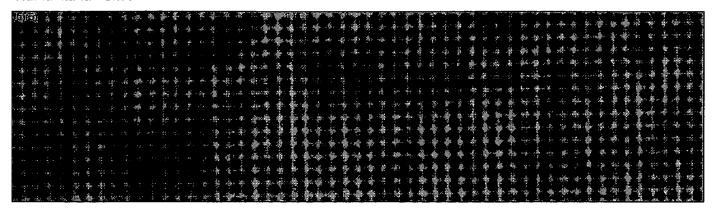


#### Urban Search and Rescue

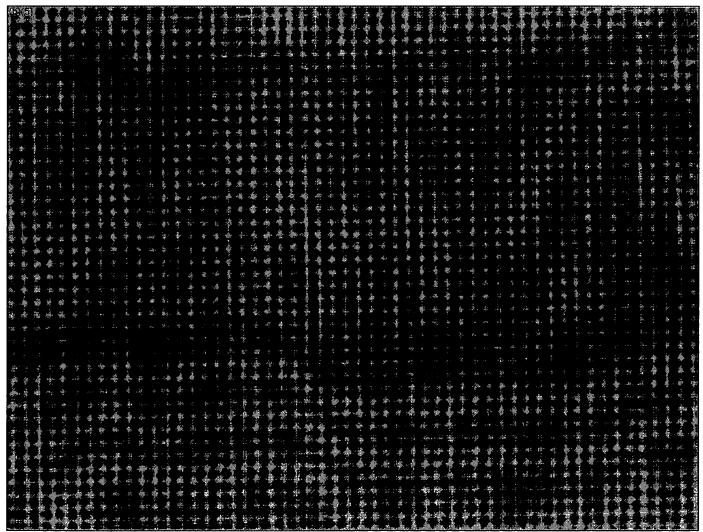


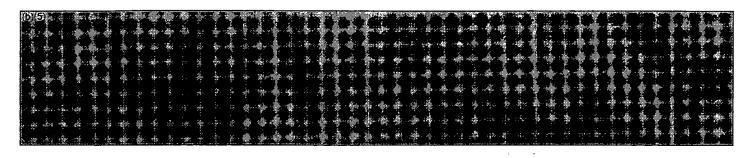


#### **Humanitarian Situation**

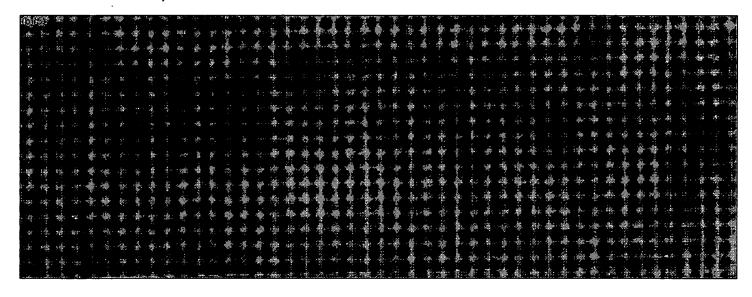


#### **USAID/DART Assessment**





# U.S. Government Response



Erin Magee Information Officer

USAID Disaster Assistance Response Team (USAID/DART) Japan Earthquake and Tsunami Cell Phone:



Email:

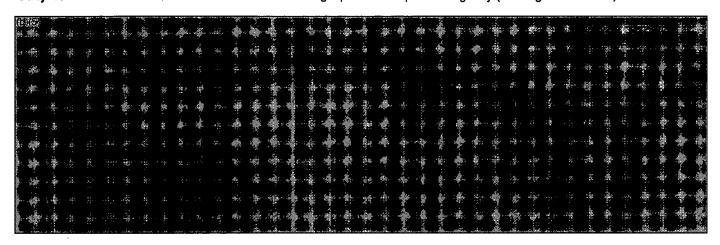
emagee@usaid.gov

From: Sent:

Perks, Dewey(DCHA/OFDA) [dperks@usaid.gov]

Friday, March 18, 2011 9:44 PM

To: Subject: OFDÁGOV: Magee, Erin K. (DCHA/OFDA); OFDAGOV: DART\_PACTSU Re: 1000 Mar 19 - Running Update on Japan Emergency (running file attached)



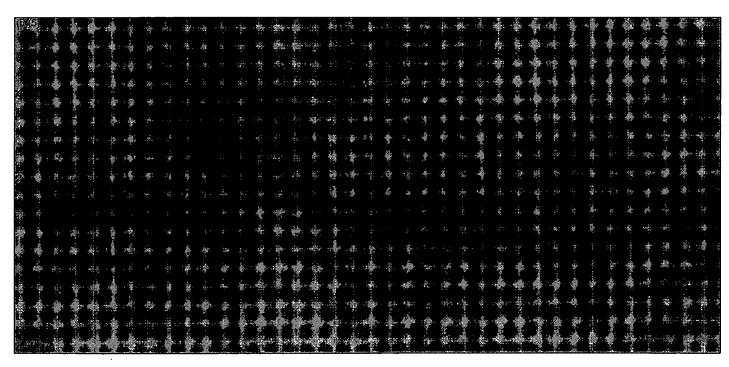
---- Original Message -----

From: Magee, Erin K. (DCHA/OFDA) <

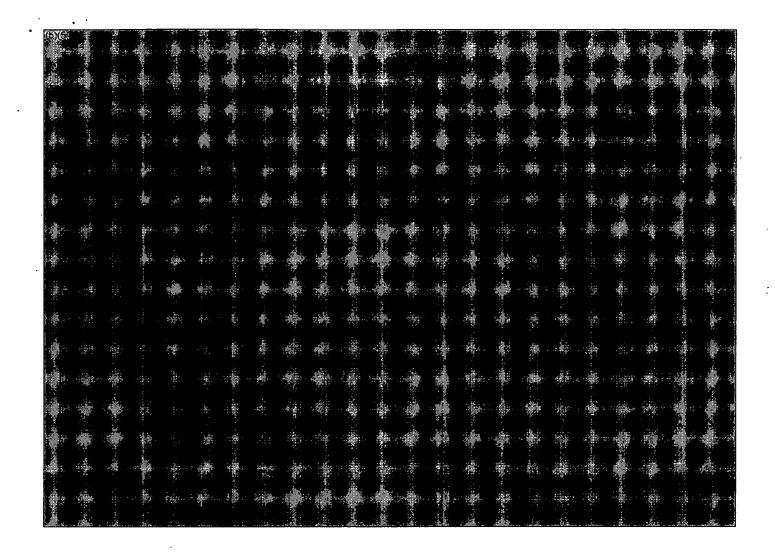
To: OFDAGOV: DART\_PACTSU Sent: Fri Mar 18 21:30:32 2011

Subject: 1000 Mar 19 - Running Update on Japan Emergency (running file attached)

10:00



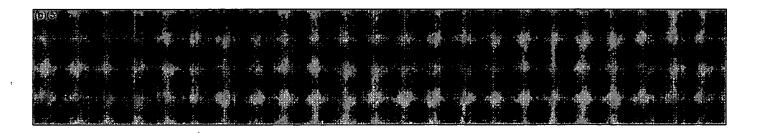
BC/264



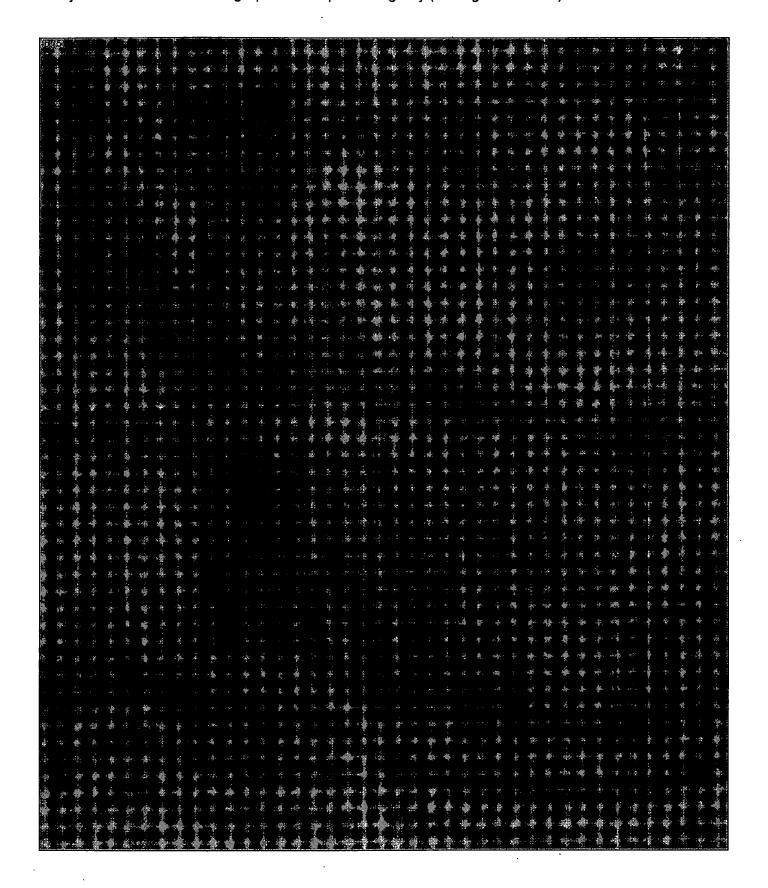
# -SBU-

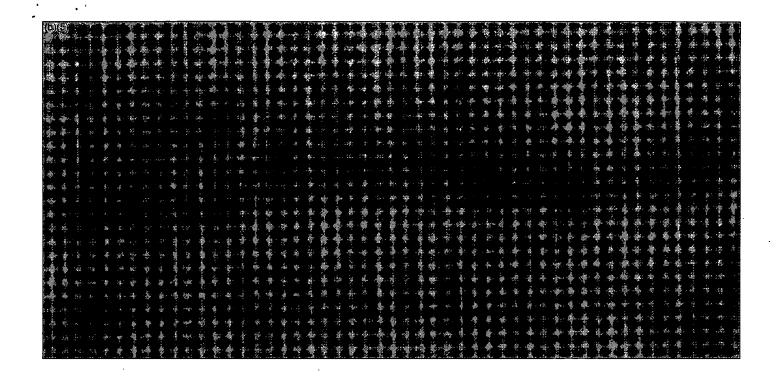
This email is UNCLASSIFIED.

From: JapanEmbassy, TaskForce Subject: 0700 Mar 19 - Running Update on Japan Emergency (running file attached)

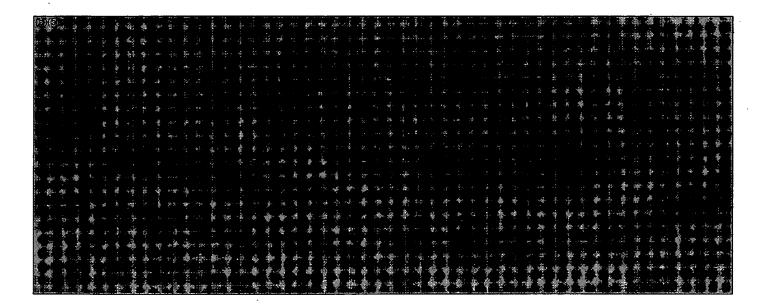


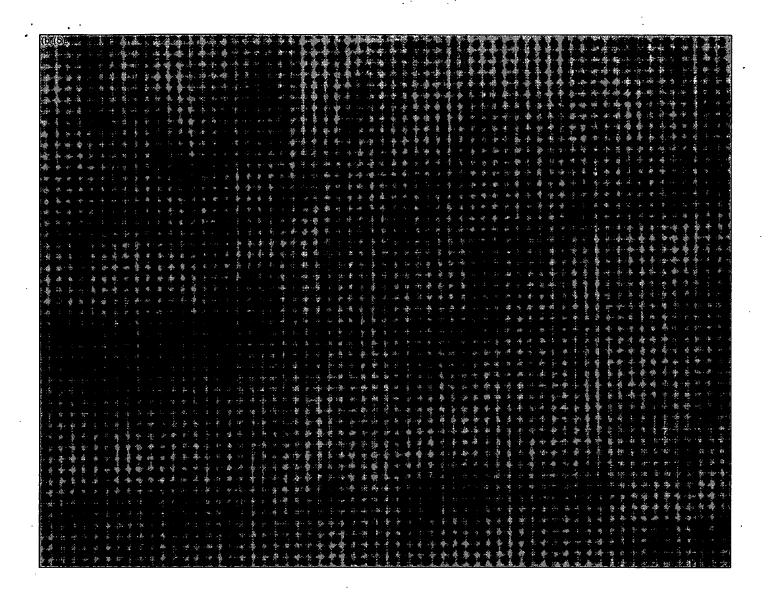
From: JapanEmbassy, TaskForce Subject: 0600 Mar 19 - Running Update on Japan Emergency (running file attached)



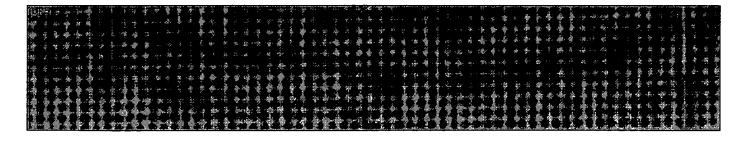


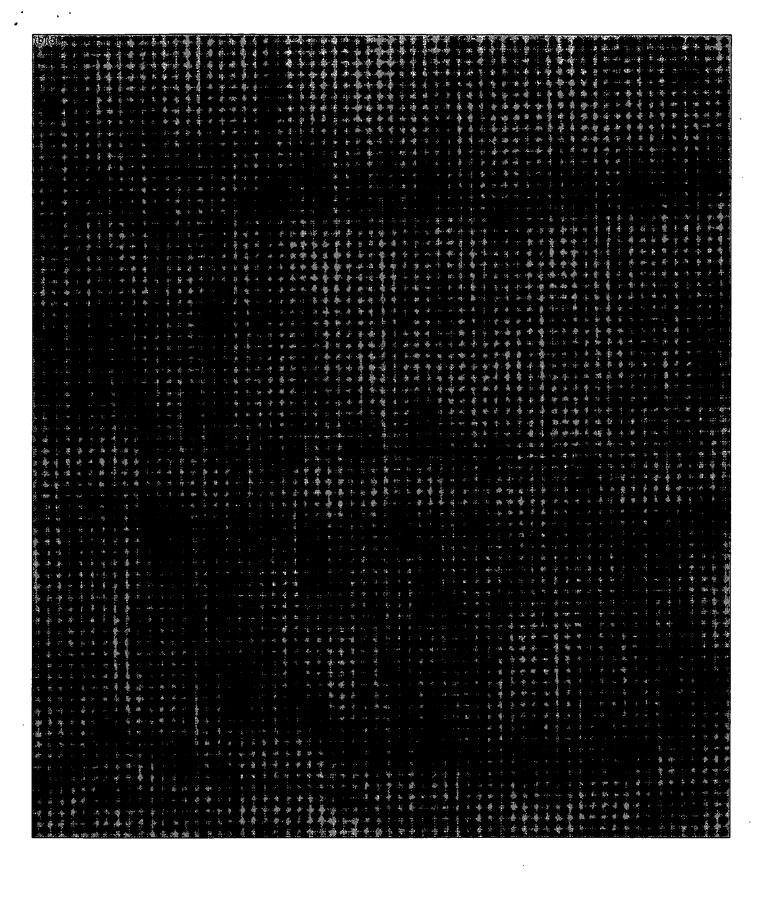
From: JapanEmbassy, TaskForce Subject: RE: 0200 Mar 19 - Running Update on Japan Emergency (running file attached)



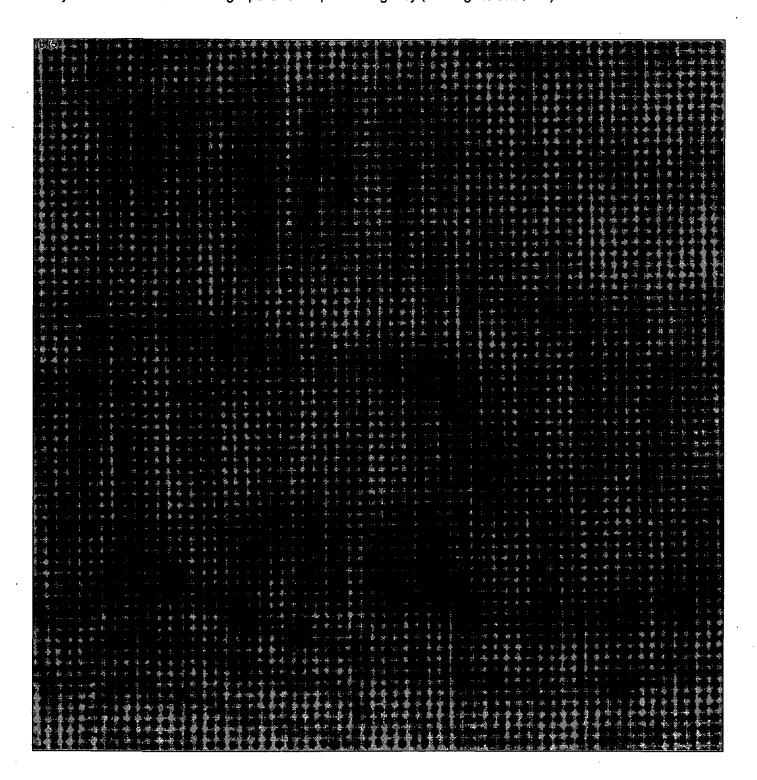


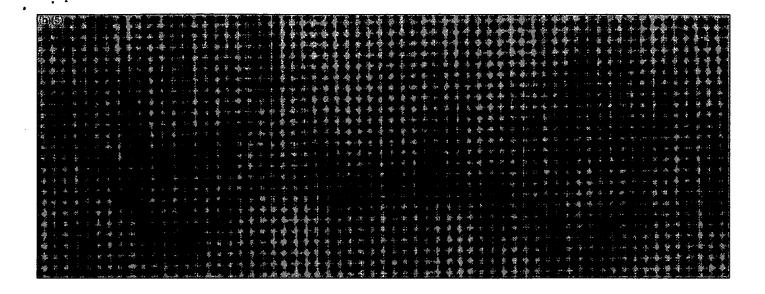
From: JapanEmbassy, TaskForce Subject: 0200 Mar 19 - Running Update on Japan Emergency (running file attached)





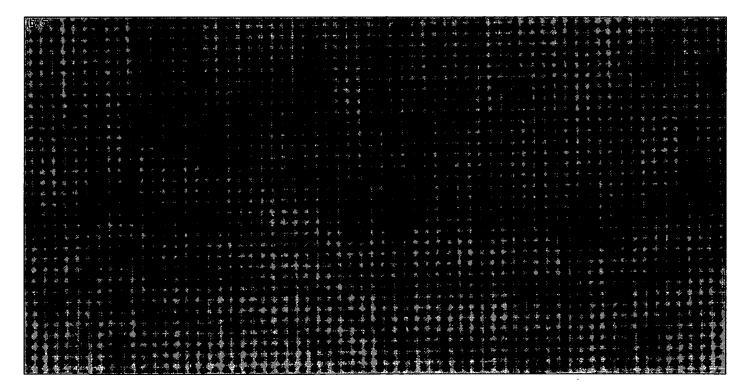
From: JapanEmbassy, TaskForce Subject: 0000 Mar 19 - Running Update on Japan Emergency (running file attached)

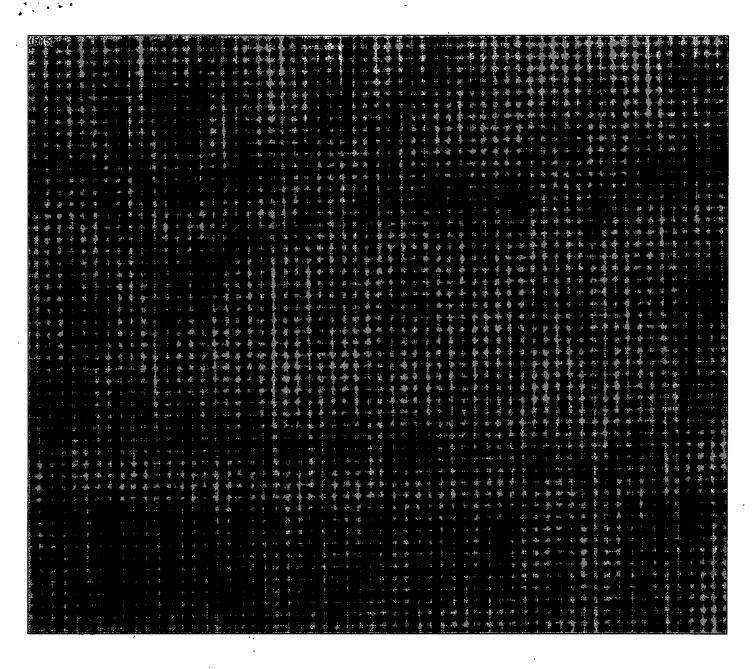




From: JapanEmbassy, TaskForce Subject: 2200 Mar 18 - Running Update on Japan Emergency (running file attached)

10:00





# -SBU

This email is UNCLASSIFIED.

From:

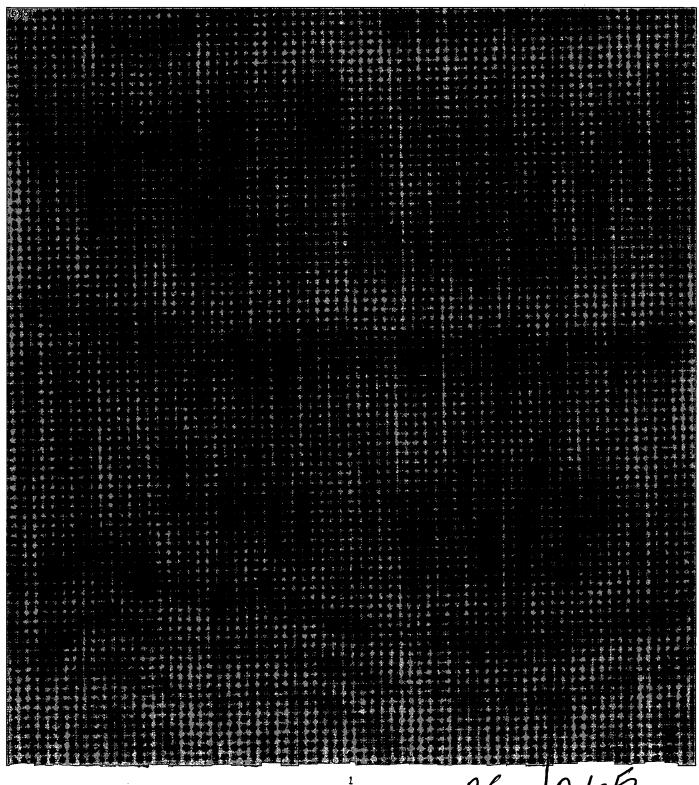
Sent:

To: Cc:

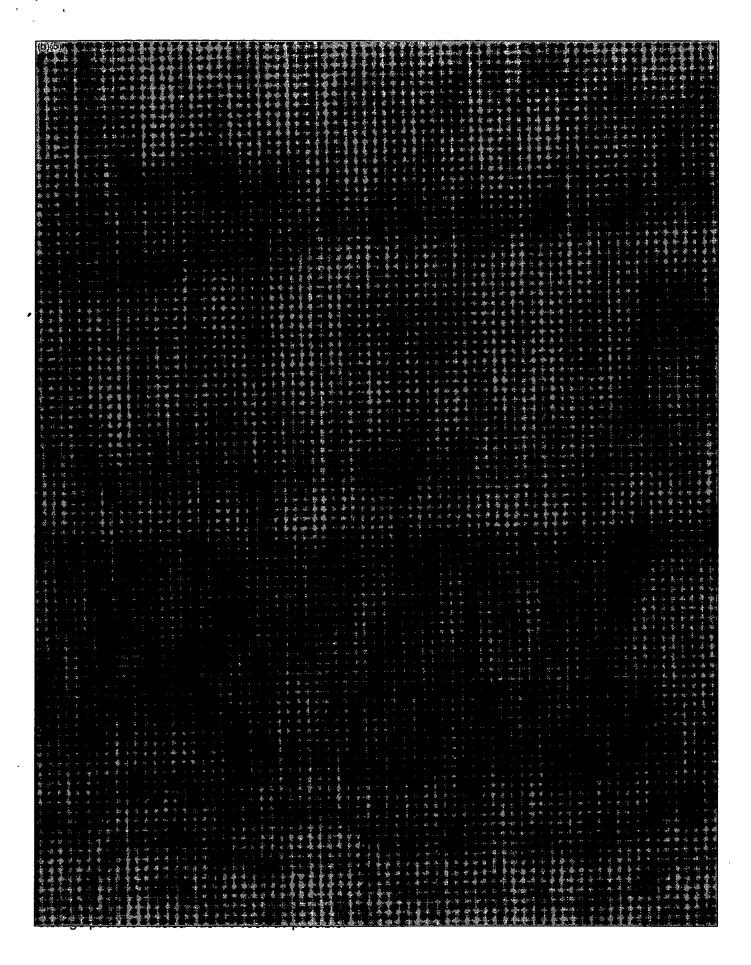
Subject:

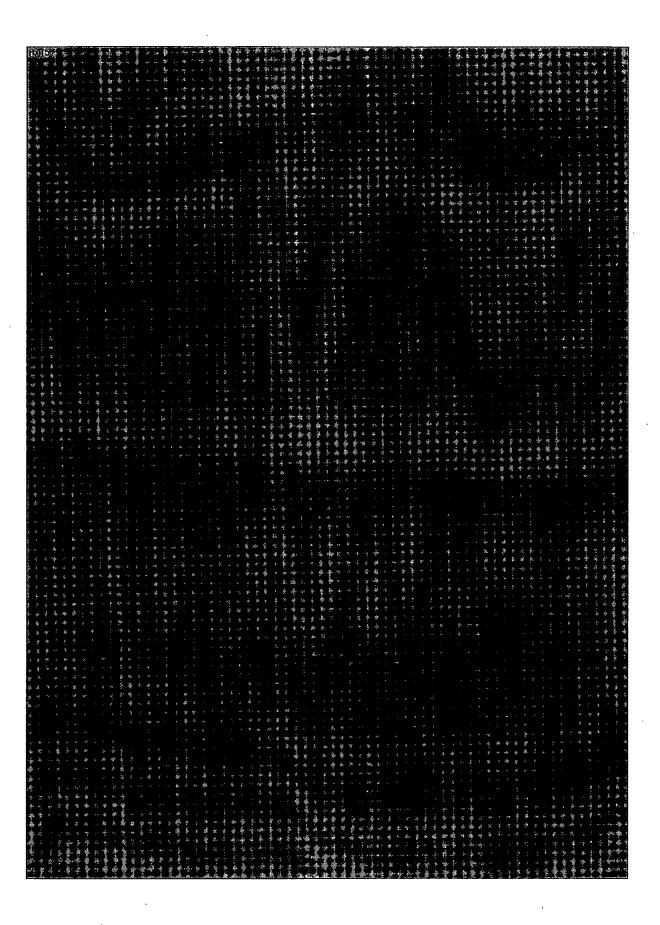
Attachments:

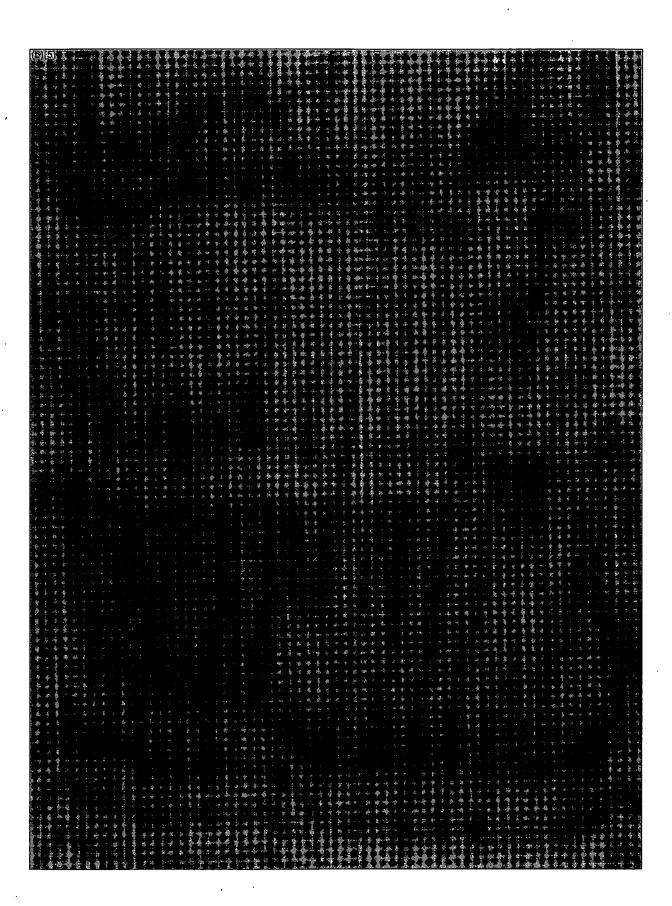
Magee, Erin K. (DCHA/OFDA)
Saturday, March 19, 2011 8:30 AM
DART\_PACTSU
RMTPACTSU\_INC
2000 Mar 19 - Running Update on Japan Emergency (running file attached)
2011-03-19 running updates on Japan emergency with times 2000 - Mar 19.docx

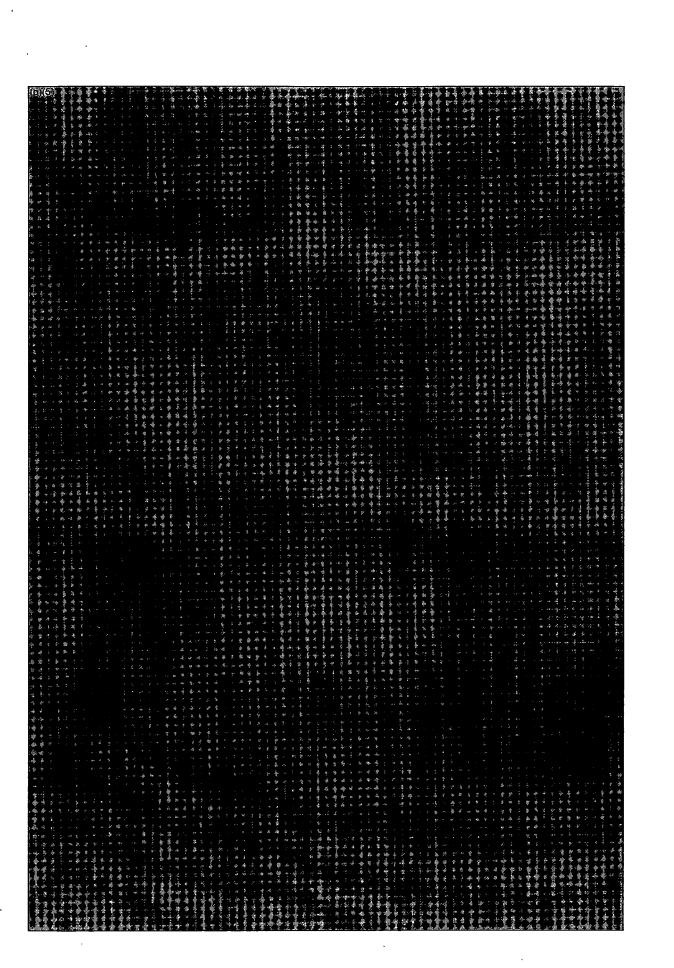


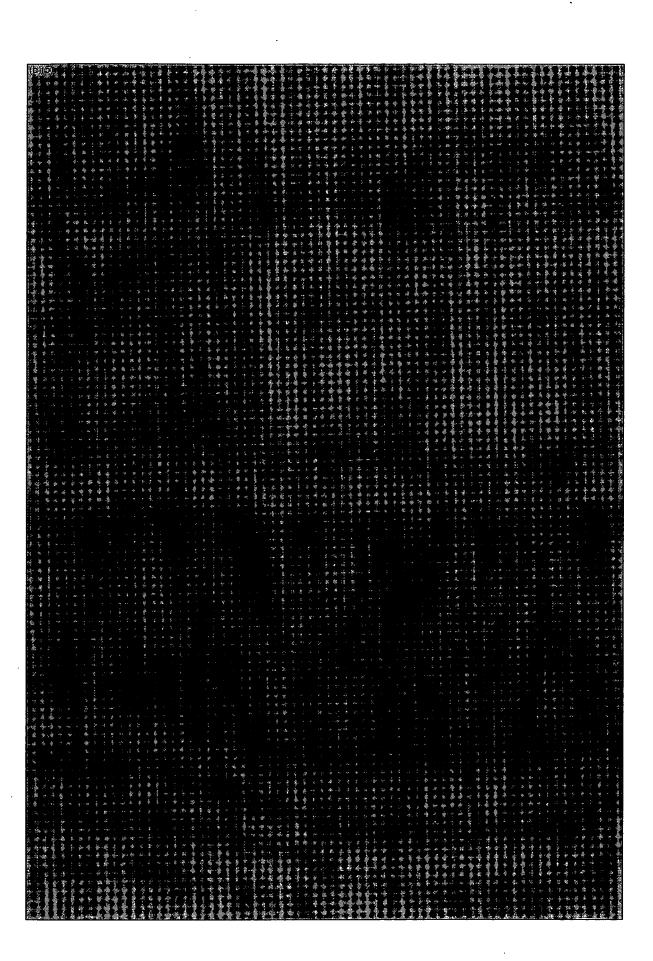
BC 265

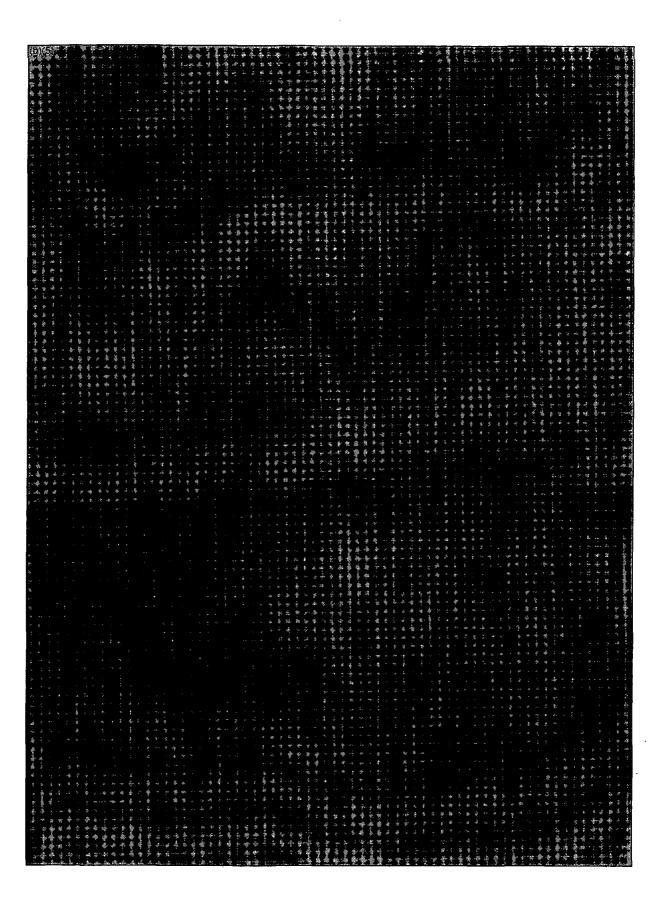


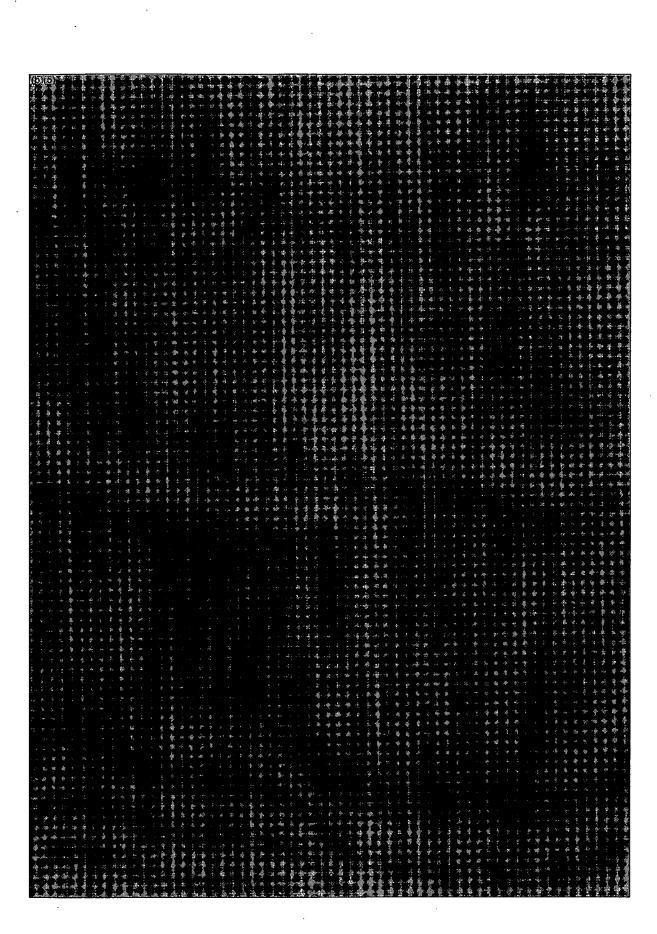




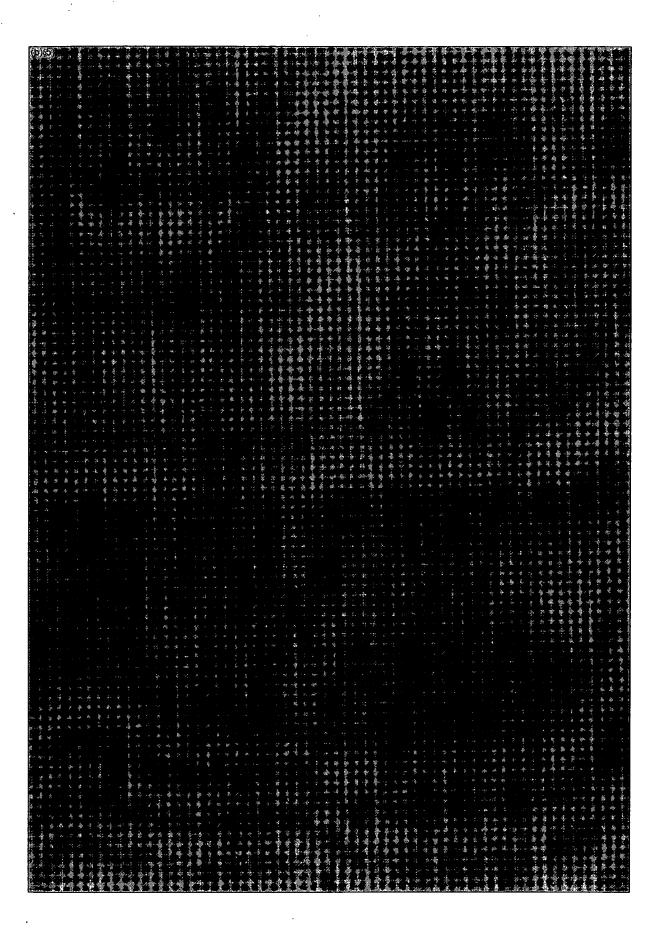


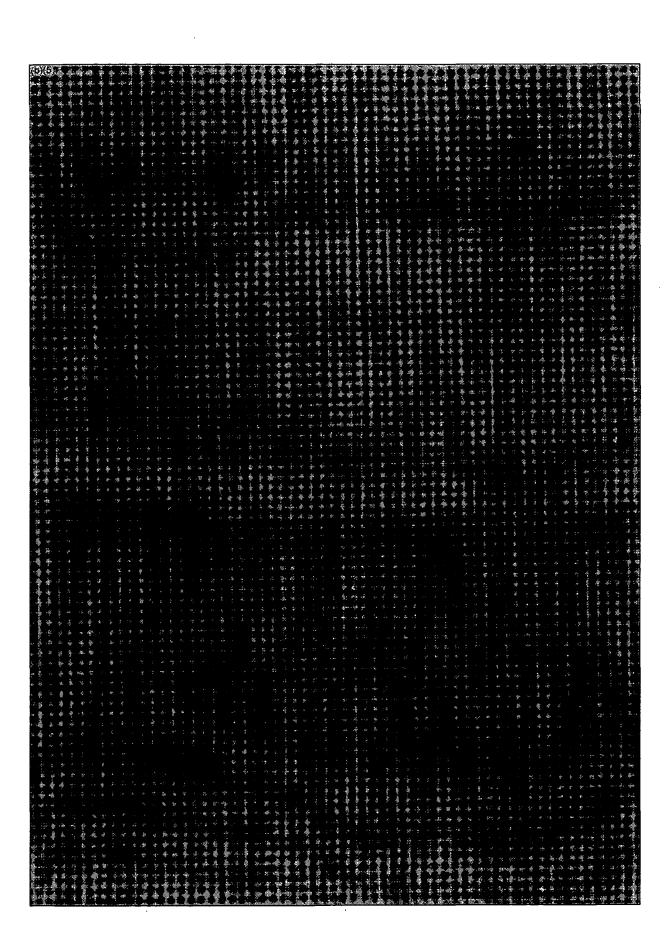


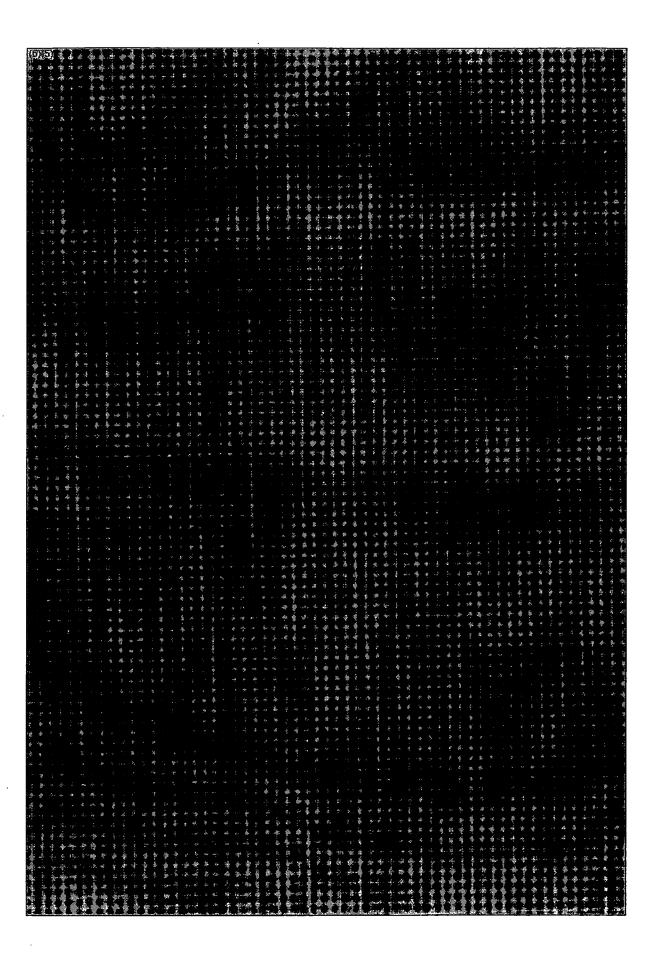




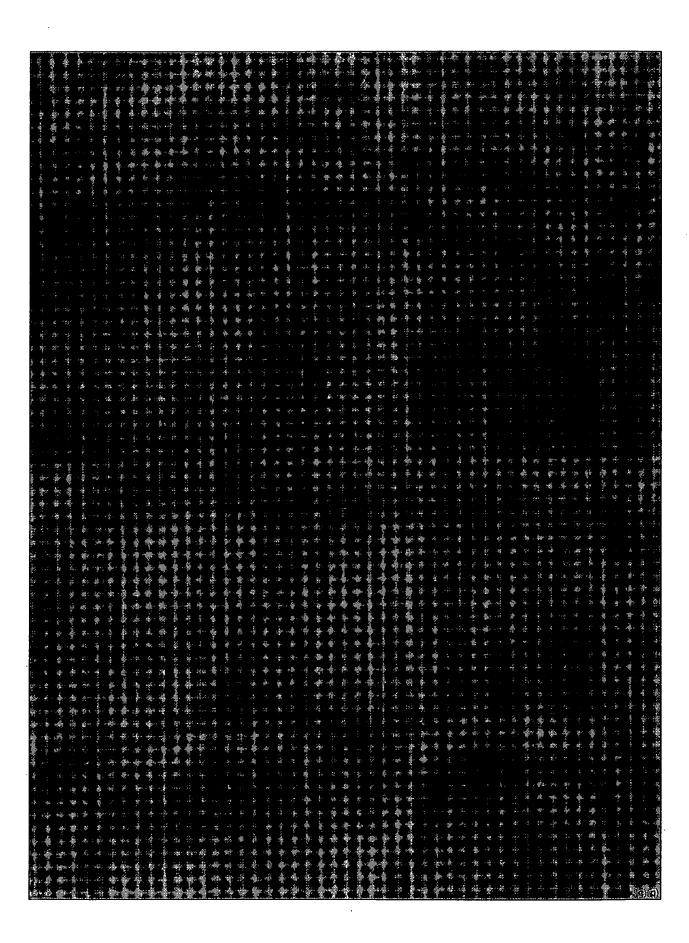
See attachment for readout of March 16 NRC-TEPCO-NISA meeting (may be OBE)

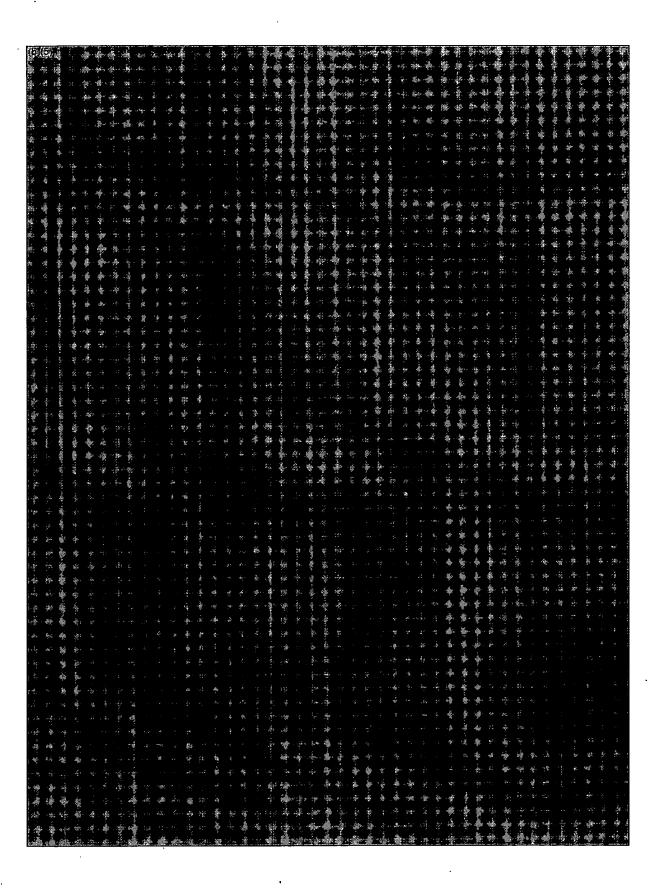


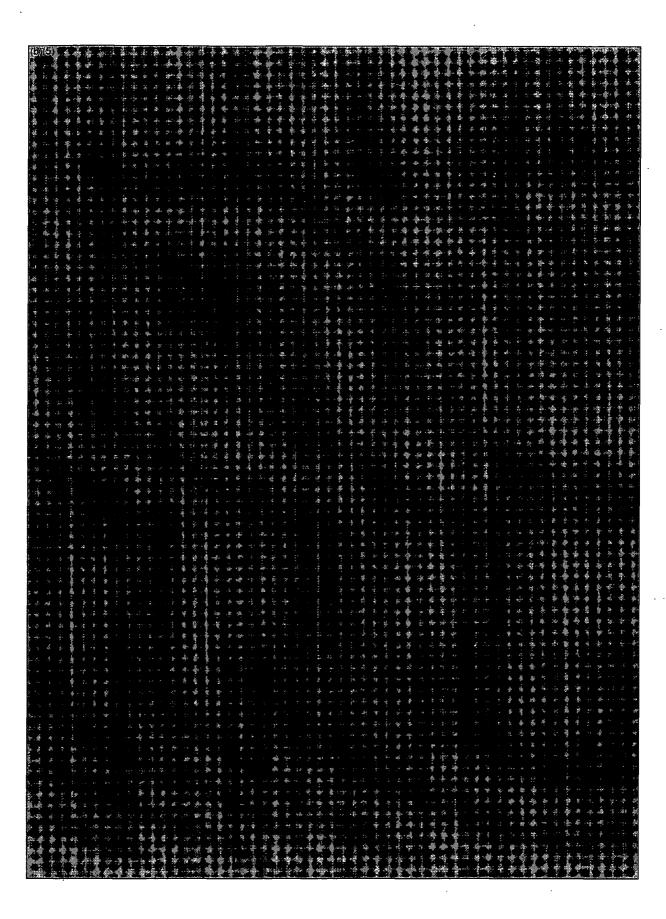




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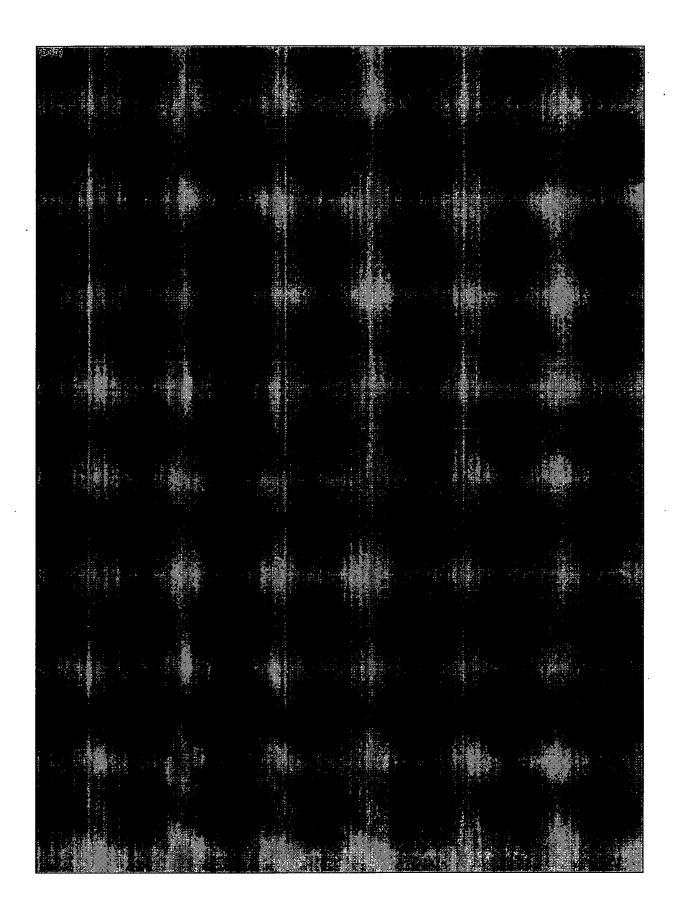
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| "是是你是什么人,不会要"都看"等  | 中国 中國軍事 中国 在我们一个有人的一个不知道的人的一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一                     |
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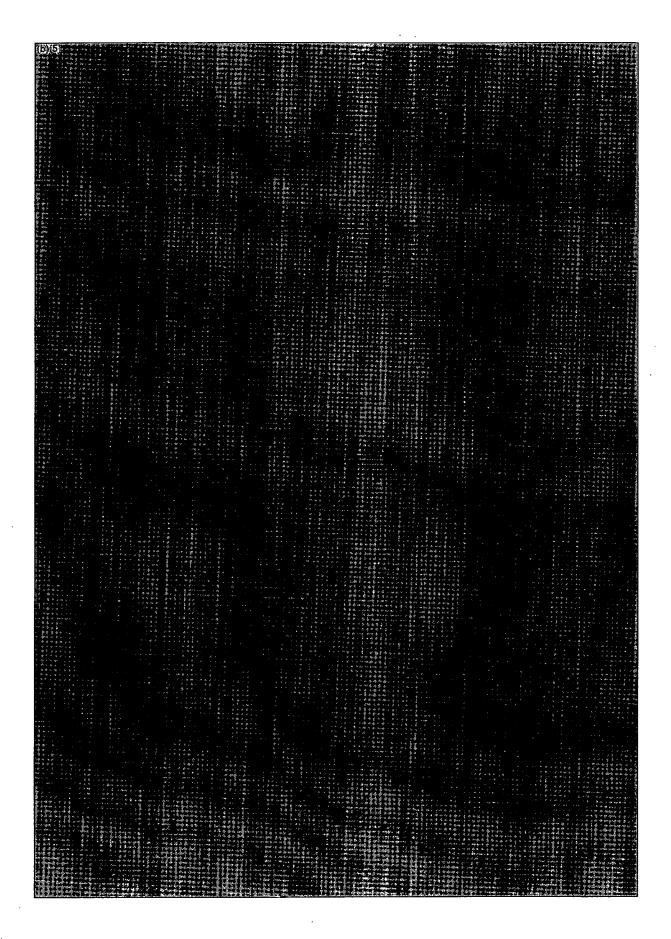
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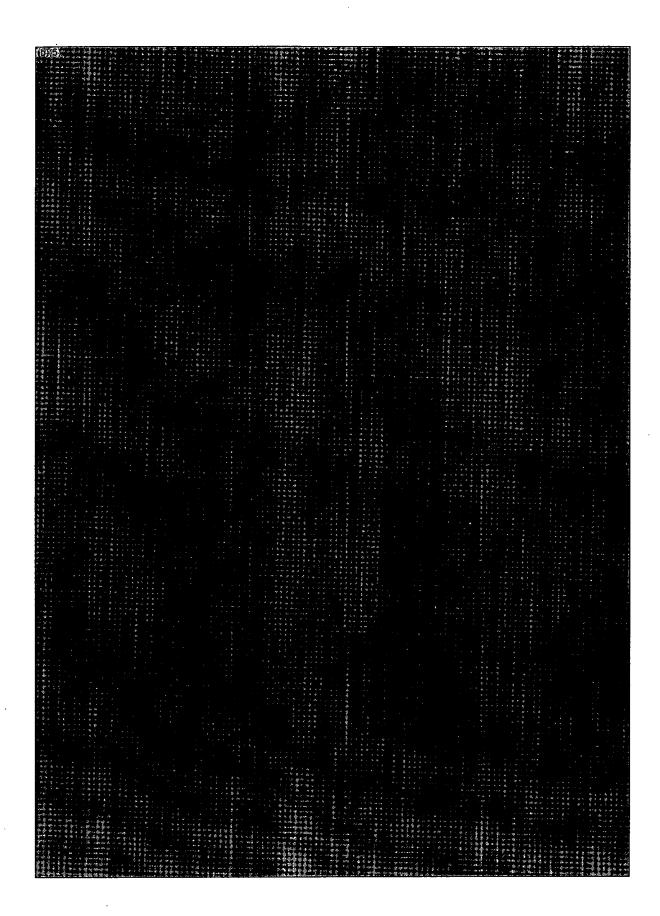
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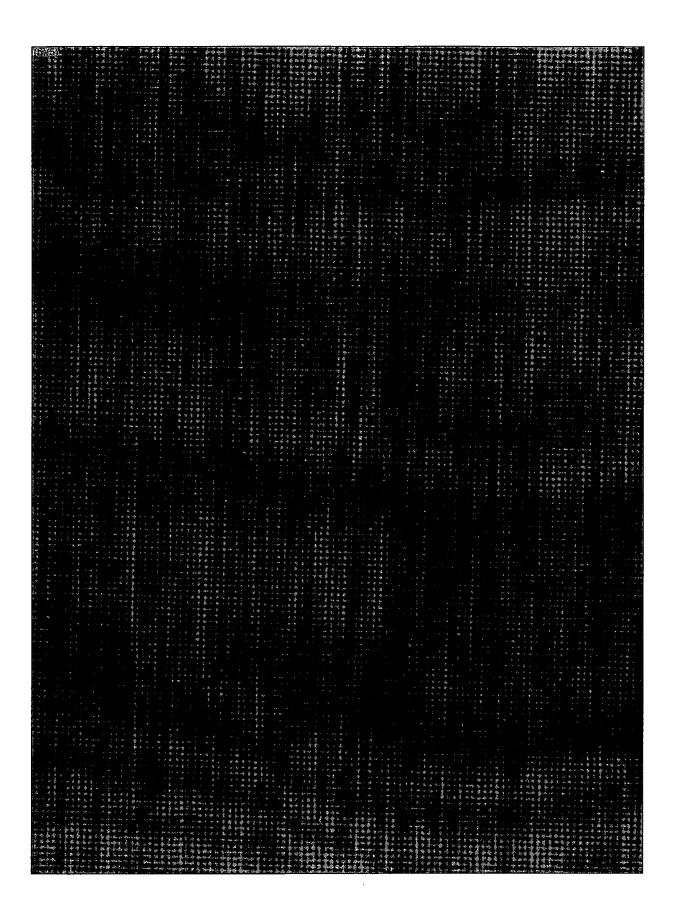
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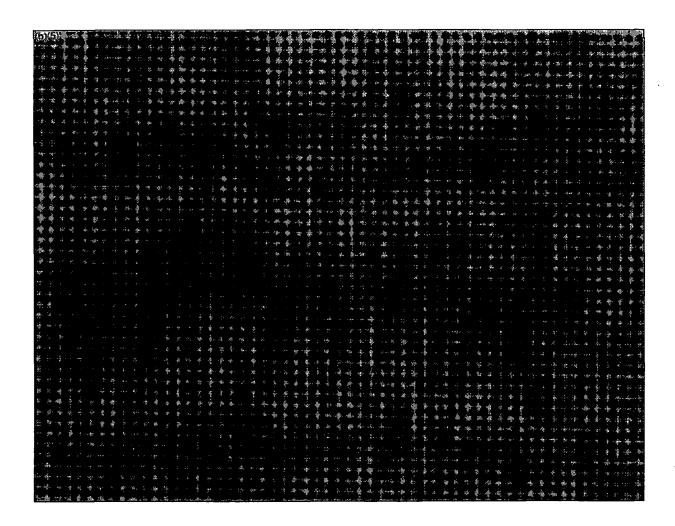
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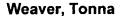












From:

Magee, Erin K. (DCHA/OFDA)

Sent:

Saturday, March 19, 2011 9:01 AM

To:

DART\_PACTSU; RMTPACTSU\_DMO; RMTPACTSU\_DMP; RMTPACTSU\_INC;

Subject:

RMTPACTSU\_PRO; RMTPACTSU\_RM
03.19.11 - USAID/DART Japan Earthquake and Tsunami Field Notes #8

Attachments:

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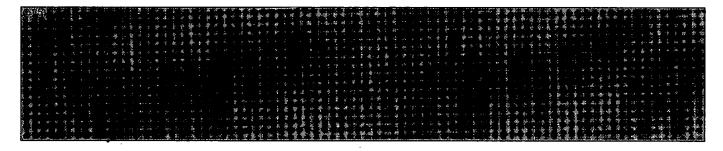
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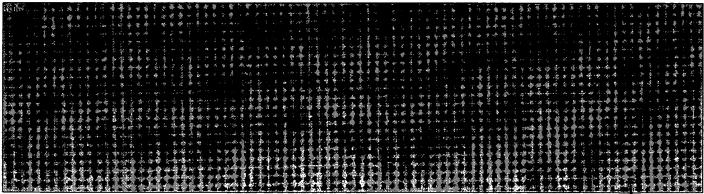
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#### **Nuclear Issues**

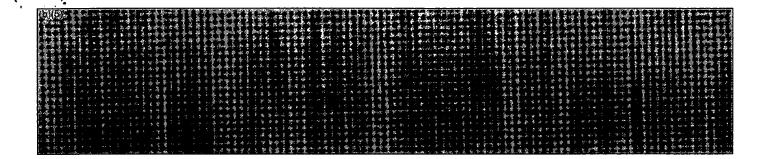


**Humanitarian Situation** 

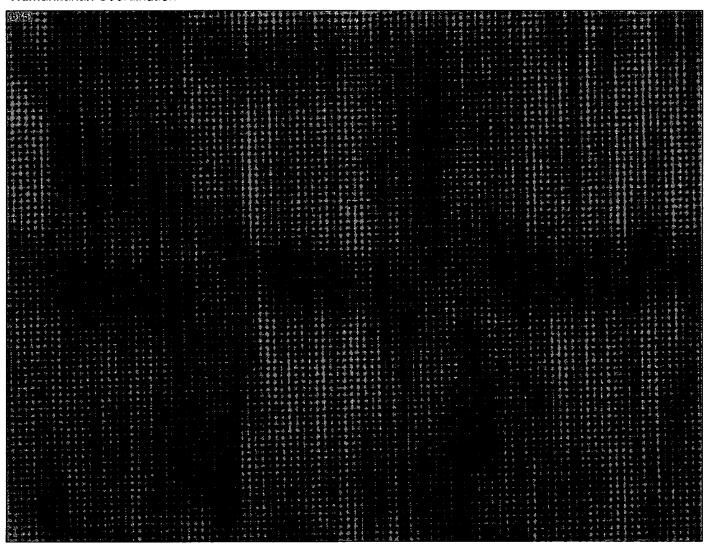
#### **Humanitarian Needs and Response**



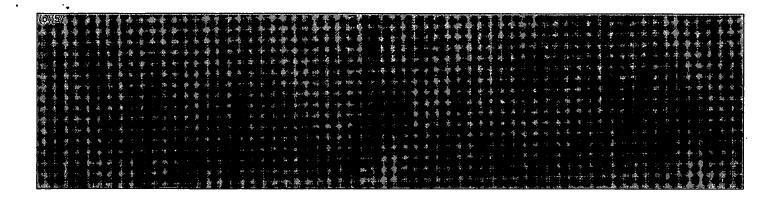
BC 266



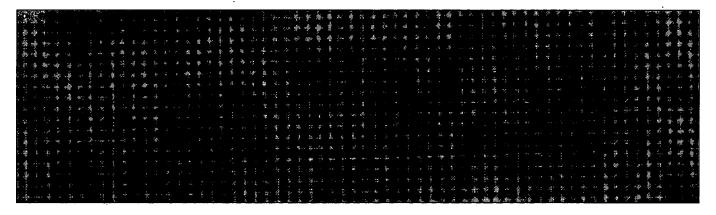
## **Humanitarian Coordination**



## **Humanitarian Assessments**



## U.S. Government Assistance



Erin Magee

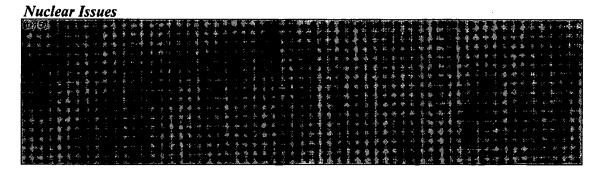
Information Officer

LISAID Disaster Assistance Response Team (USAID/DART) Japan Earthquake and Tsunami Cell Phone: +1-

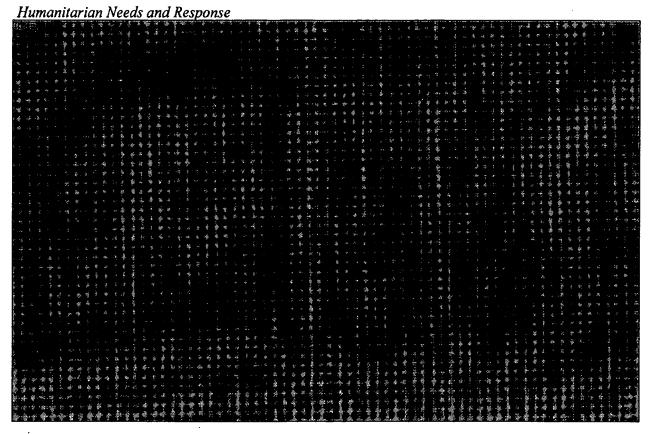
emagee@usaid.gov

# - U.S. Government Only Please Note: This is for information purposes only. Please do not distribute outside of the RMT or DART.

## USAID/DART Japan Earthquake and Tsunami Field Notes #8 03.19.11

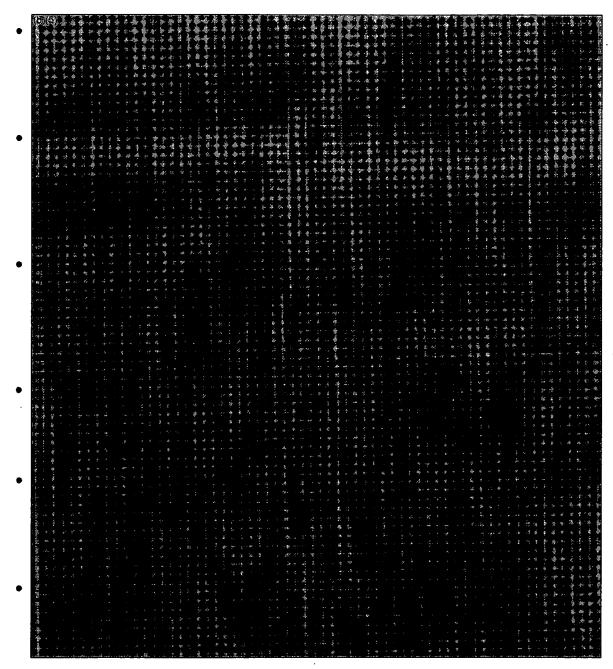


## Humanitarian Situation

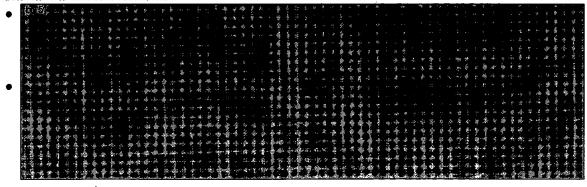


Humanitarian Coordination

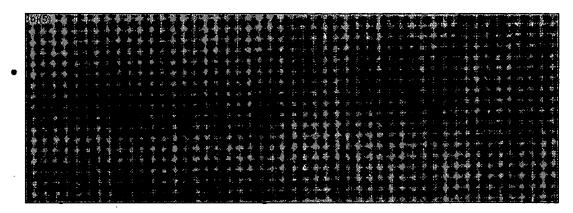
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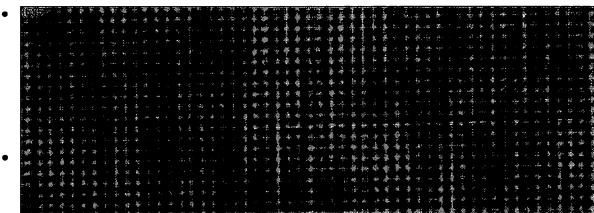
## Humanitarian Assessments



## -Internal OFDA Use Only - Do Not Distribute -



## U.S. Government Assistance



#### Weaver, Tonna

From:

JAPAN ASSISTANCE ALERT [JAPAN\_ASSISTANCE\_ALERT@USAID.GOV]

Sent:

Saturday, March 19, 2011 4:39 PM

Subject: Attachments: (SBU) 03.19.11 - USAID Administrator's Report on Japan Earthquake and Tsunami #9

-(SBU) 03.19.11 - USAID Admin Report on Japan EQ and Tsunami #9.pdf

Please find attached and pasted below the USAID Administrator's Report on the Japan Earthquake and Tsunami #9, dated March 19, 2011. Information in this update is sensitive but unclassified (SBU) and designated for internal U.S. Government use only folless handle accordingly:

If you experience formatting issues in the text below, please refer to the attached document.

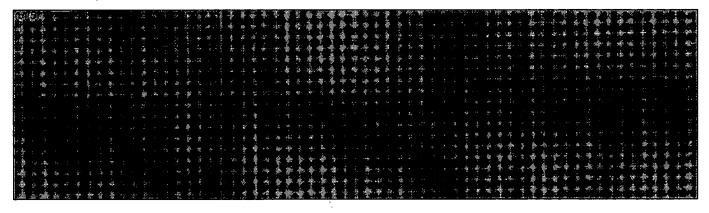
To be added to or removed from this distribution list, please email





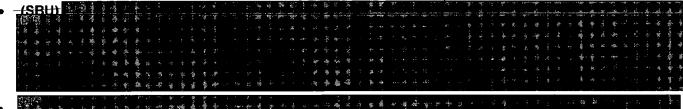
## **Administrator's Report**

## Japan Earthquake and Tsunami Humanitarian Update #9 March 19, 2011



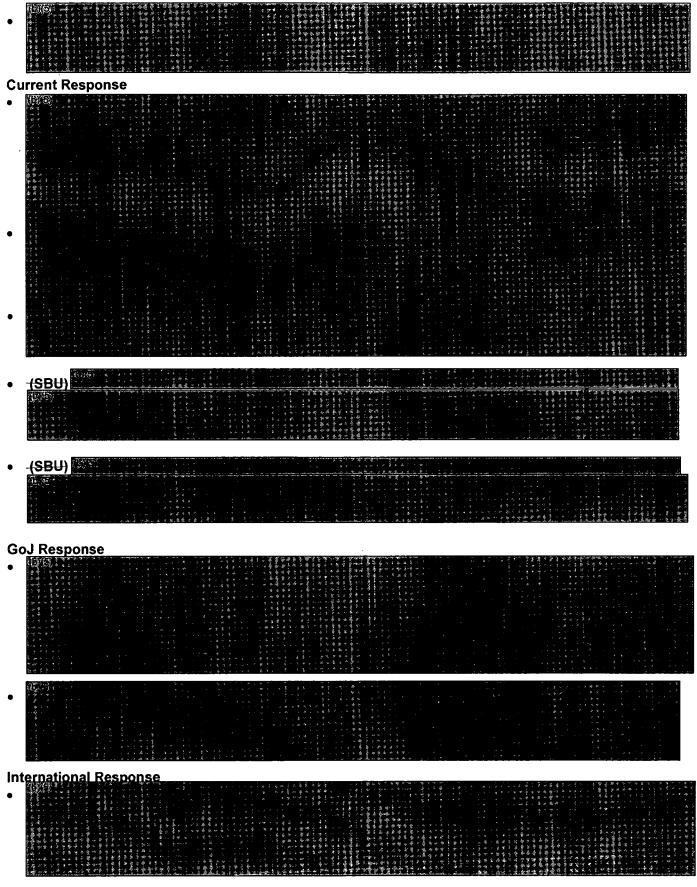
#### **Key Developments**



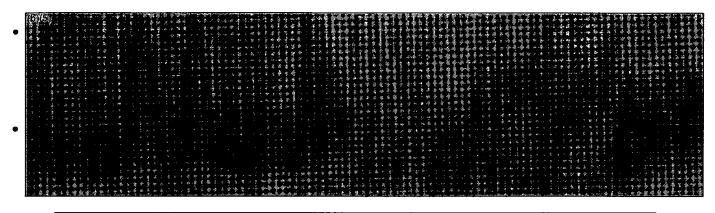




BC 267

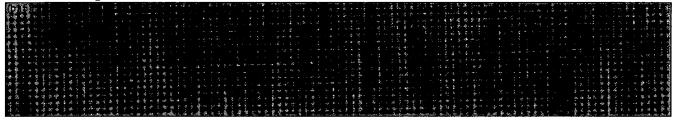


**USG Outreach** 





**USG Funding Announced and Committed To Date** 



## Helen Ho and Alison Lapp

Information Coordinators
Pacific Tsunami and Japan Earthquake Response Management Team
RMTPACTSU INC@ofda.gov
202-712-0039

<sup>[1]</sup> Figures remain preliminary and are expected to change.

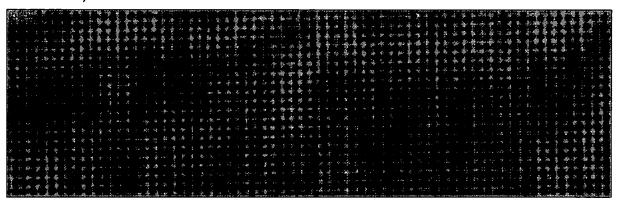
<sup>[2]</sup> National Police Agency

<sup>[3]</sup> USAID plans to provide \$8 million in humanitarian assistance in response to the Japan earthquake and tsunami.



## Administrator's Report

## Japan Earthquake and Tsunami Humanitarian Update #9 March 19, 2011

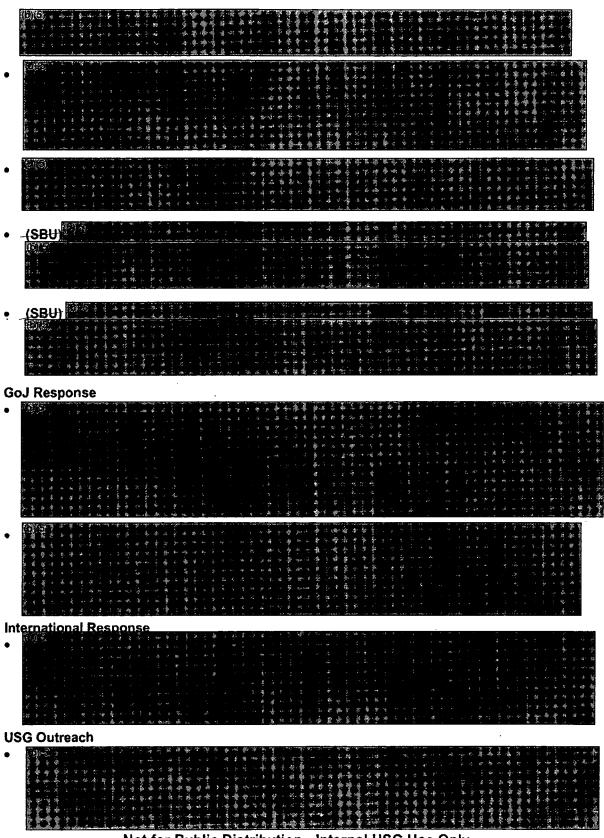


## **Key Developments**

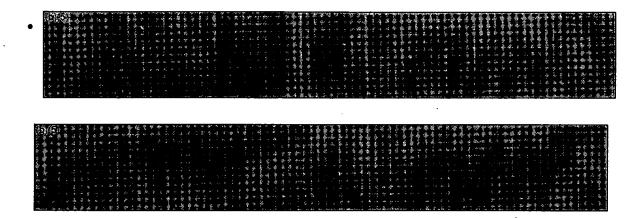
- <del>(SBU)</del>

## Current Response

Sensitive but Unclassified (SBU) - Not for Public Distribution - Internal USG Use Only



## Sensitive but Unclassified (SBU) - Not for Public Distribution - Internal USG Use Only



**USG Funding Announced and Committed To Date** 



Figures remain preliminary and are expected to change.
 National Police Agency
 USAID plans to provide \$8 million in humanitarian assistance in response to the Japan earthquake and tsunami.

## Weaver, Tonna

From: Sent:

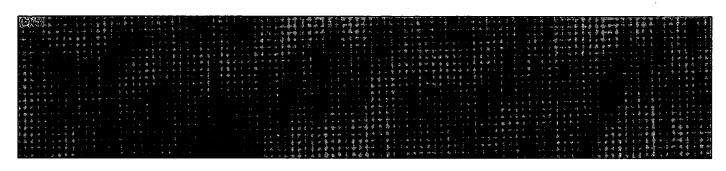
Magee, Erin K. (DCHA/OFDA)
Saturday, March 19, 2011 10:34 PM
DART\_PACTSU
RMTPACTSU\_INC

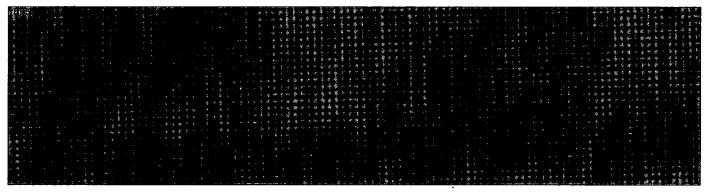
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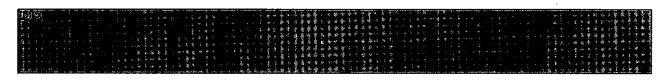
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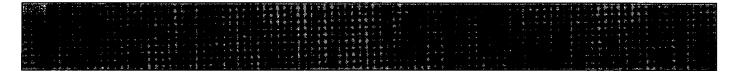
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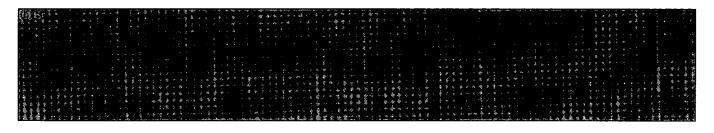
0800 Mar 20 - Running Update on Japan Emergency (running file attached) 2011-03-20 running updates on Japan emergency with times 1100 - Mar 20.docx

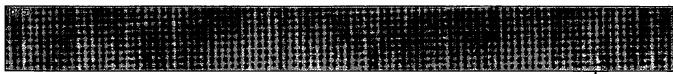






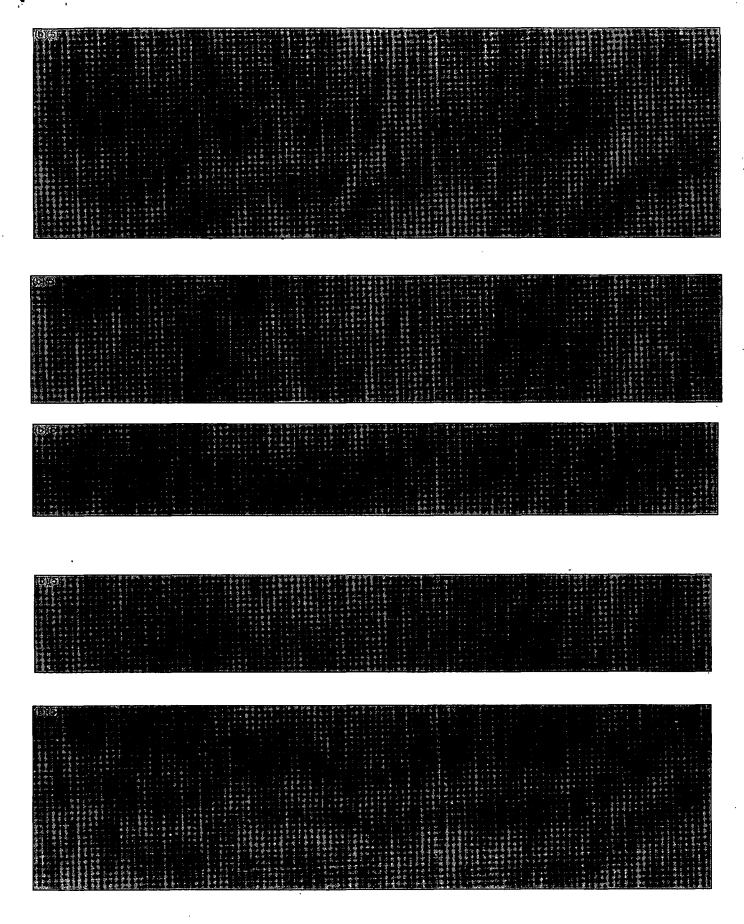


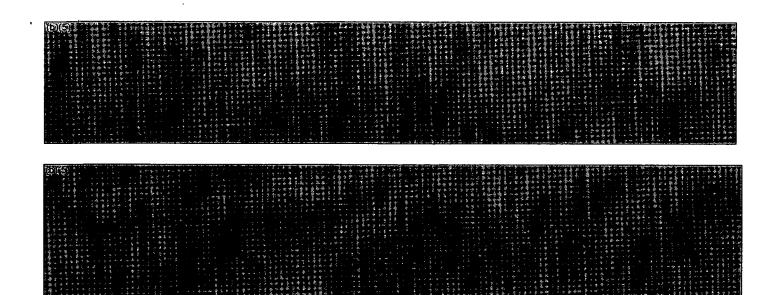


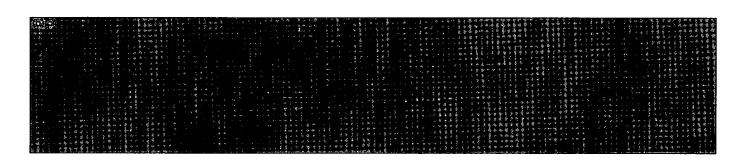


BC 268

1





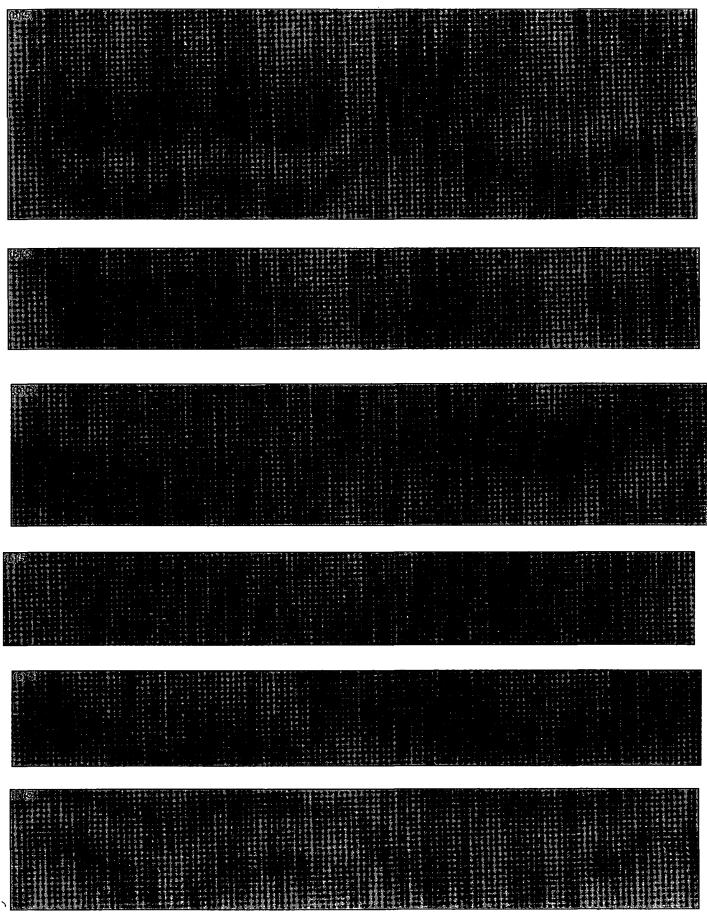


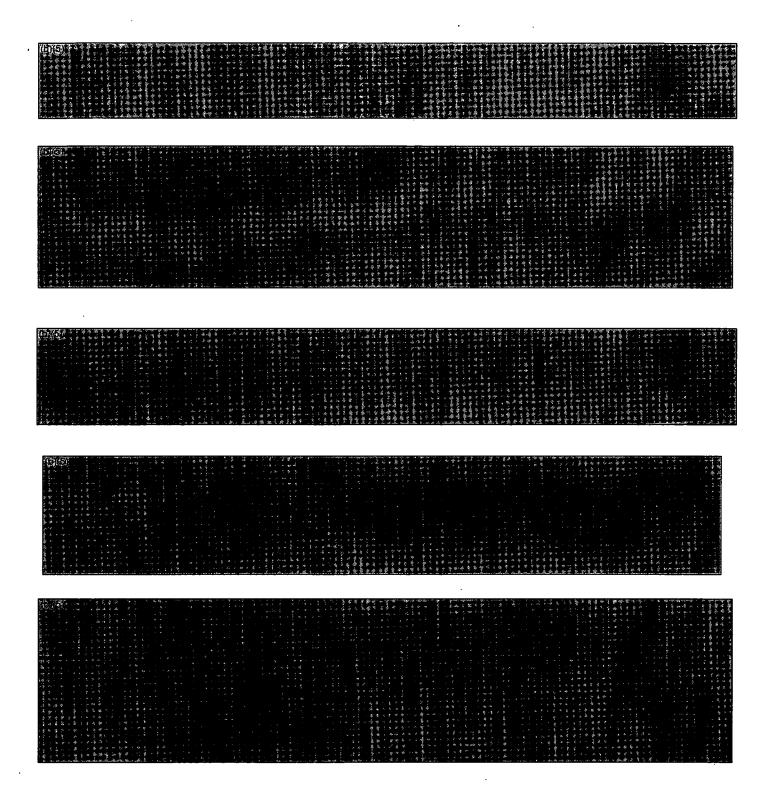


## \$BU---

This email is UNCLASSIFIED.

From: Whitney, Thomas C Subject: 0800 Mar 20 - Running Update on Japan Emergency (running file attached)



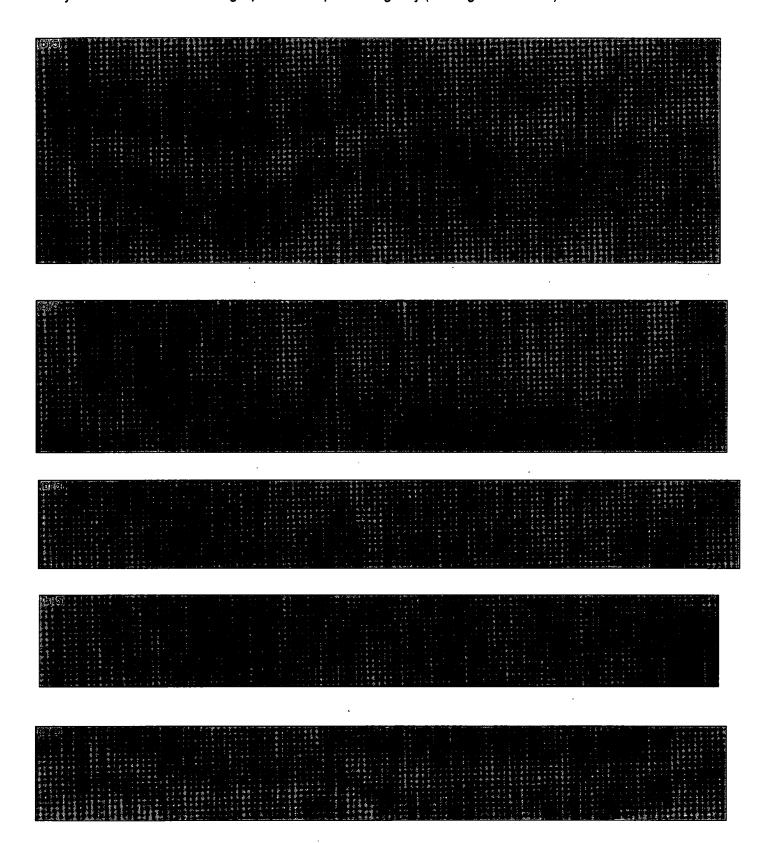


SBU

This email is UNCLASSIFIED.

From: JapanEmbassy, TaskForce

Subject: 0400 Mar 20 - Running Update on Japan Emergency (running file attached)



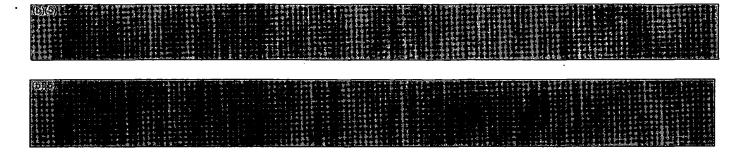
#### SBU-

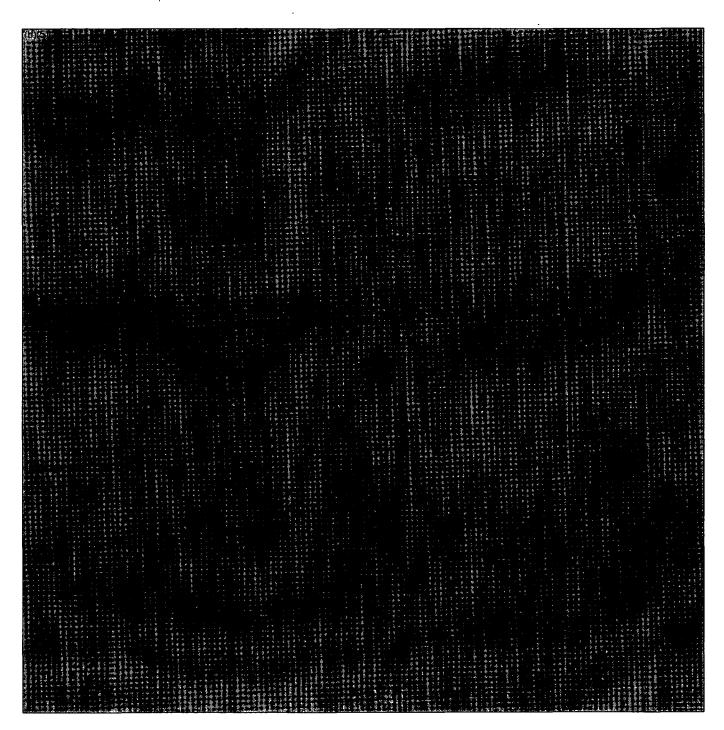
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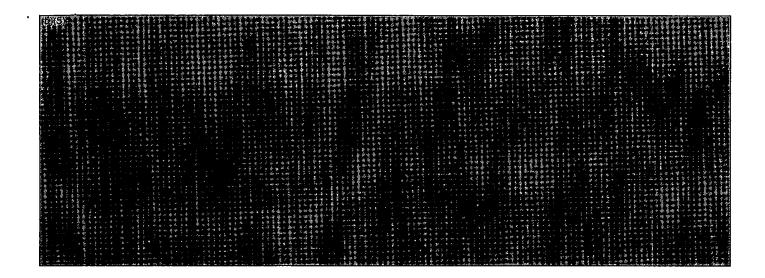
From: JapanEmbassy, TaskForce Sent: Sunday, March 20, 2011 2:07 AM To: JapanEmbassy, TaskForce; Ou, Andrew H; Masuda, Tracy L; Dudley, Katherine F; Sim, Hyon B; Mears, Jeremy M; Lee, Ti-Ying; Ryan, Emmett Jerome; Hotz, Raymond E; Chen, Perry Y; Burleson, Edward C; Wakahiro, Gary S; Utschig, Andrew S; Bernier-Toth, Michelle; Fitzgerald, Paul M; Zareski, Karen B; Shelbourn, Brian L; Cubas, Jason R; Christopher, William W; Kaneshiro, Claire K; Greene, Raymond F; Stewart, Jonas D; Ries, John N; Dong, Edward K; Jenks, Darrell A; Washburn, Lisa L; Tokyo-Visa-Officers-DL; Roos, John; Luke, Robert S; Ries, John N; Dong, Edward K; Stewart, Jonas D; Greene, Raymond F; Cubas, Jason R; Fuller, Matthew G; Basalla, Suzanne I; Hinds, Lynda J; 'sroos@cookroos.com'; Cherry, Ronald C; Dresser, Heather L (EAP/J); TOKYO POL All; Wood, Robert A; Nawn, Jeff; Angelov, Bonnie A; Kelley, Karen D (IO/ Tokyo); Wiggin, Geoffrey W; Wiggin, Geoffrey W; Cle ver, Jennifer A; Nawn, Jeff; Shnitzler, Steve D; Tong, Kurt W; Largent, Dale A Cc: Zumwalt, James P; Chipman, Alan R; Engstrom, Aaron; Forbes, James A; Martin, Timothy W; Rathweg-Weitz, Abbey H; Whitten, Richard V; Young, Joseph M; Operations Center; Young, Joseph M; Lyons, Thomas H; CA-Taskforce; Snider, Marc A; Kaneshiro, Claire K; SES-O; SES-O CMS; Lyons, Thomas H; Snider, Marc A: Yoo, Donny H: Tomlinson, Christina; Roberts, Richard M: Kaneshiro, Claire K: Avecilla, Juan T: Chadwick. Michael J; Dieker, Mark S; CA-Taskforce; Ponce, Timothy F; Korff, Meena F; TaskForce-1; CA-Taskforce; Brown, Benjamin A; Wuebbels, Mark C; Osaka-Kobe All State Americans; Sapporo ALL; Naha All; Fukuoka Americans; Nagoya-Americans-DL; Yokohama-FSI-DL; TOKYO ECON Americans; Tilman, Justin E; 'justin.tilman@nasa.gov'; Sakurai, Joy M; Stewart, Bruce J: Sauer\_David M; Russell A; 'russ@earthtabi.com'; 'lia.hoc@nrc.gov'; Weinhold, La ura M (Jamie); Maw, Aye Aye; Clever, Thomas S (Scott); Japan-Embassy-Task-Force-DL; Huff, Michael P; Kaproth, Robert K; 'Robert.Kaproth@treasury.gov'; Mace, Casev K: Duncan, Aleshia D: Cherry, Ronald C; 'Damian.Peko@Nuclear.Energy.gov'; 'Bamian.Peko@Nuclear.Energy.gov'; 'Bamian.Peko@Nuclear.Ener 'edward.meginnis@nuclear.energy.gov'; King, Terri L; Hefner, Timothy B; Tanaka, Rodney S; Napier, Bradford; Till, Laura A; Walsh, Cody C; Brunette-Chen, Rachel; Toko, Kenichiro (Ken); (1997) 1997 USA USFJ J54'; Kimura, Ayako; Toledo, Ana Y: Oikawa, Yufuko: Basalla, Suzanne I: Luke, Robert S: Zumwalt. 'Caballero, Leo F LTC USA USFJ J52'; 'Tran, 'A' STAN J5'; Nylin, John D (TDY/POL); Nylin. Quade, Christopher P; Hoffmann, Phillip P; Kelley, Karen John D; TaskForce-3: D (IO/Tokyo); Sabin, Burritt H; Shoemaker, Lori A; 'john.peters @trade.gov' Subject: 0200 Mar 20 - Running Update on Japan E mergency (running file attached)

02:00









SBU -

This email is UNCLASSIFIED.

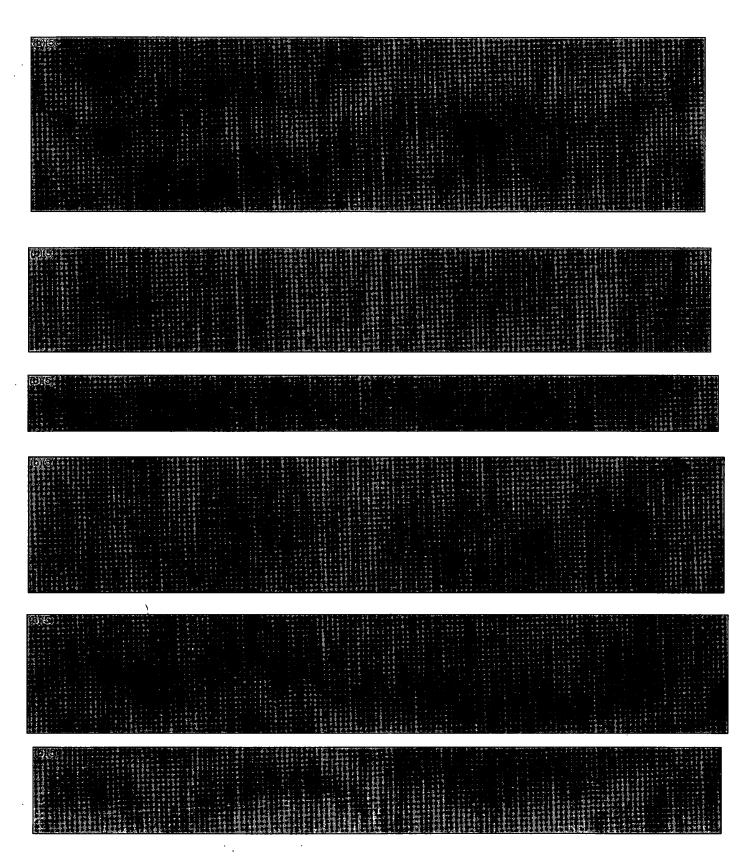
From: JapanEmb assy, TaskForce Sent: Sunday, March 20, 2011 12:08 AM To: Ou, Andrew H; JapanEmbassy, TaskForce; Masuda, Tracy L; Dudley, Katherine F; Sim, Hyon B; Mears, Jeremy M: Lee, Ti-Ying: Ryan, Emmett Jerome: Hotz, Raymond E: Chen, Perry Y: Burleson, Edward C: Wakahiro, Gary S; Utschig, Andrew S; Bernier-Toth, Michelle; Fitzgerald, Paul M; Zareski, Karen B; Shelbourn, Brian L; Cubas, Jason R; Christopher, William W; Kaneshiro, Claire K; Greene, Raymond F; Stewart, Jonas D; Ries, John N; Dong, Edward K; Jenks, Darrell A; Washburn, Lisa L; Tokyo-Visa-Officers-DL; Roos, John; Luke, Robert S; Ries, John N; Dong, Edward K; Stewart, Jonas D; Greene, Raymond F; Cubas, Jason R; Fuller, Matthew G; Basalla, Suzanne I; Hinds, Lynda J; 'sroos@cookroos.com'; Cherry, Ronald C; Dresser, Heather L <u>(EAP./I): TOKYO PO</u>L All; Wood, Robert A; Nawn, Jeff; Angelov, Bonnie A; Kelley, Karen D (IO/Tokyo); Wiggin, Geoffrey W; Wiggin, Geoffrey W; Clever, Jennifer A; Nawn, Jeff; Shnitzler, Steve D; Tong, Kurt W Cc: Zumwalt, James P; Chipman, Alan R; Engstrom, Aaron; Forbes, James A; Martin, Timothy W; Rathweg-Weitz, Abbey H; Whitten, Richard V; Young, Joseph M; Operations Center; Young, Joseph M; Lyons, Thomas H; CA-Taskforce; Snider, Marc A; Kaneshiro, Claire K; SES-O; SES-O, CMS; Lyons, Thomas H; Snider, Marc A; Yoo, Donny H; Tomlinson, Christina; Roberts, Richard M; Kaneshiro, Claire K; Avecilla, Juan T; Chadwick, Michael J: Dieker, Mark S; CA-Taskforce; Ponce, Timothy F; Korff, Meena F; TaskForce-1; CA-Taskforce; Brown, Benjamin A; Wuebbels, Mark C; Osaka-Kobe All State Americans; Sapporo ALL; Naha All; Fukuoka

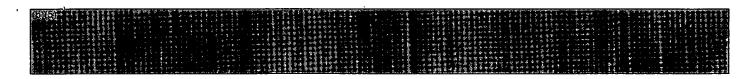
Aye Aye; Clever, Th omas S (Scott); Japan-Embassy-Task-Force-DL; Huff, Michael P; Kaproth, Robert K; 'Robert.Kaproth@treasury.gov'; Mace, Casev K; Duncan, Aleshia D; Cherry, Ronald C; 'Damian.Peko@Nuclear.Energy.gov'; 'aleshia.duncan@nuclear.energy.gov'; 'edward.meginnis@nuclear.energy.gov'; King, Terri L; Hefner, Timothy B; Tanaka, Rodney S; Napier, Bradford; Till, Laura A; Walsh, Cody C; Brunette-Chen, Rachel; Toko, Kenichiro (Ken); 'USA USFJ J54'; Kimura, Ayako; Toledo, Ana Y; Oikawa, Yufuko; Basalla, Suzanne I; Luke, Robert S; Zumwalt, USA USFJ J5'; 'Caballero, Leo F LTC USA USFJ J52'; 'Olio USA USFJ J5'; Nylin, John D (TDY/POL); Nylin, 'Caballero, Leo F LTC USA USFJ J52'; 'USA USFJ J5'; Nylin, John D (TDY/POL); Nylin, 'Caballero, Leo F LTC USA USFJ J52'; 'USA USFJ J5'; Nylin, John D (TDY/POL); Nylin, 'Caballero, Leo F LTC USA USFJ J52'; 'USA USFJ J5'; Nylin, John D (TDY/POL); Nylin, 'Caballero, Leo F LTC USA USFJ J52'; 'USA USFJ J55'; Nylin, John D (TDY/POL); Nylin, 'Caballero, Leo F LTC USA USFJ J52'; 'USA USFJ J55'; Nylin, John D (TDY/POL); Nylin, 'Caballero, Leo F LTC USA USFJ J52'; 'USA USFJ J55'; Nylin, John D (TDY/POL); Nylin, 'Caballero, Leo F LTC USA USFJ J52'; 'USA USFJ J55'; Nylin, John D (TDY/POL); Nylin, 'Caballero, Leo F LTC USA USFJ J52'; 'USA USFJ J55'; Nylin, John D (TDY/POL); Nylin, 'Caballero, Leo F LTC USA USFJ J52'; 'USA USFJ J55'; Nylin, John D (TDY/POL); Nylin, 'Caballero, Leo F LTC USA USFJ J52'; 'USA USFJ J55'; Nylin, 'USA USFJ J55'; Nylin,

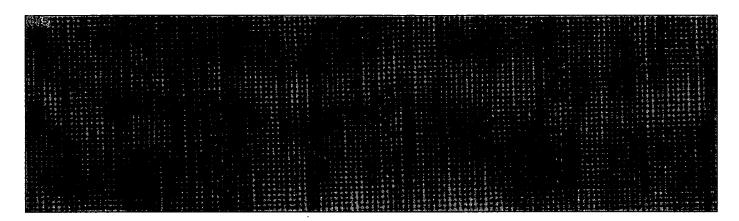
Americans: Nagoya-Americans-DL; Yokohama-FSI-DL; TOKYO ECON Americans: Tilman Lustin F

Russell A; 'russ@earthtabi.com'; 'lia.hoc@nrc.gov'; Weinhold, Laura M (Jamie); Maw,

'justin.tilman@nasa.gov'; Sakurai, Joy M; Stewart, Bruce J: Sauer







**SBU** 

This email is UNCLASSIFIED.

From: Ou, Andrew H

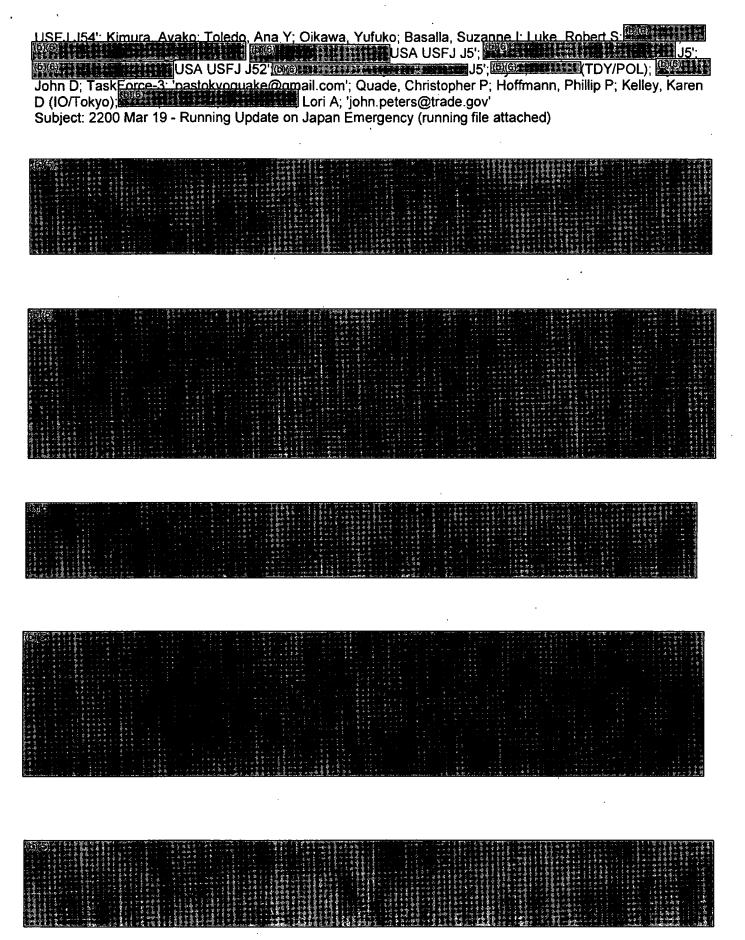
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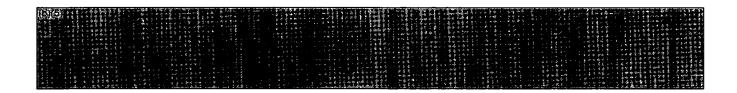
To: Ou, Andrew H; JapanEmbassy, TaskForce; Masuda, Tracy L; Dudley, Katherine F; Sim, Hyon B; Mears, Jeremy M; Lee, Ti-Ying; Ryan, Emmett Jerome; Hotz, Raymond E; Chen, Perry Y; Burleson, Edward C; Wakahiro, Gary S; Utschig, Andrew S; Bernier-Toth, Michelle; Fitzgerald, Paul M; Zareski, Karen B; Shelbourn, Brian L; Cubas, Jason R; Christopher, William W; Kaneshiro, Claire K; Greene, Raymond F; Stewart, Jonas D; Ries, John N; Dong, Edward K; Jenks, Darrell A; Washburn, Lisa L; Tokyo-Visa-Officers-DL; Roos, John; Luke, Robert S; Ries, John N; Dong, Edward K; Stewart, Jonas D; Greene, Raymond F; Cubas, Jason R; Fuller, Matthew G; Basalla, Suzanne I; Hinds, Lynda J; 'sroos@cookroos.com'; Cherry, Ronald C; Dresser, Heather L (EAP/J); TOKYO POL All; Wood, Robert A; Nawn, Jeff; Angelov, Bonnie A; Kelley, Karen D (IO/Tokyo); Wiggin, Geoffrey W; Wiggin, Geoffrey W; Clever, Jennifer A; Nawn, Jef f; Shnitzler, Steve D; Tong, Kurt W

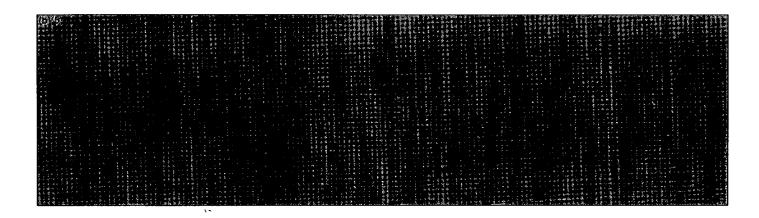
Cc: Zumwalt, James P; Chipman, Alan R; Engstrom, Aaron; Forbes, James A; Martin, Timothy W; Rathweg-Weitz, Abbey H; Whitten, Richard V; Young, Joseph M; Operations Center; Young, Joseph M; Lyons, Thomas H; CA-Taskforce; Snider, Marc A; Kaneshiro, Claire K; SES-O; SES-O\_CMS; Lyons, Thomas H; Snider, Marc A; Yoo, Donny H; Tomlinson, Christina; Roberts, Richard M; Kaneshiro, Claire K; Avecilla, Juan T; Chadwick, Michael J; Dieker, Mark S; CA-Taskforce; Ponce, Timothy F; Korff, Meena F; TaskForce-1; CA-Taskforce; Brown, Benjamin A; Wuebbels, Mark C; Osaka-Kobe All State Americans; Sapporo ALL; Naha All; Fukuoka Americans; Nagoya-Americans-DL; Yokohama-FSI-DL; TOKYO ECON Americans; Tilman, Justin E; 'justin.tilman@nasa.gov'; Sakurai, Joy M; Stewart, Bruce J: Sauer David M; Weinhold, Laura M (Jamie); Maw, Russell A; 'russ@earthtabi.com'; 'lia.hoc@nrc.gov';

Aye Aye; Clever, Thomas S (Scott); Japan-Embassy-Task-Force-DL; Huff, Michael P; Kaproth, Robert K; 'Robert Kaproth@treasury.gov': Mace. Casev K: Duncan, Aleshia D: Cherry, Ronald C:

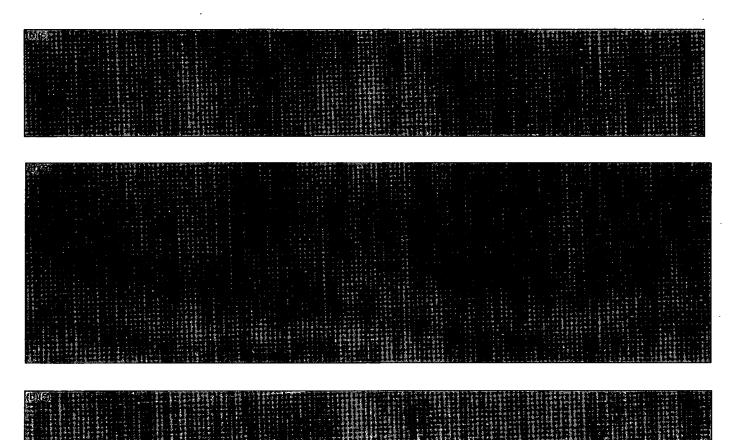
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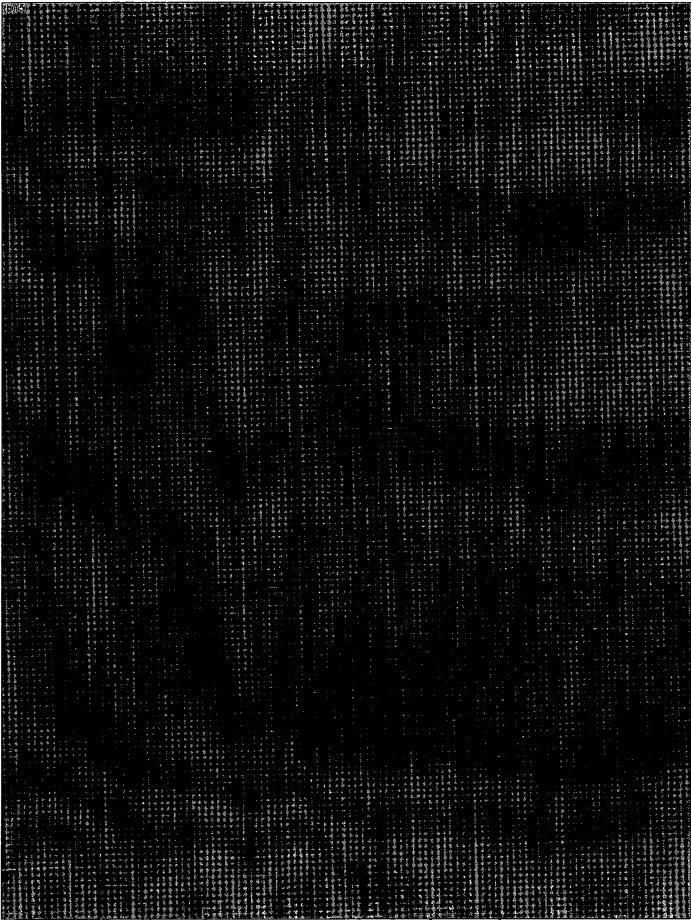


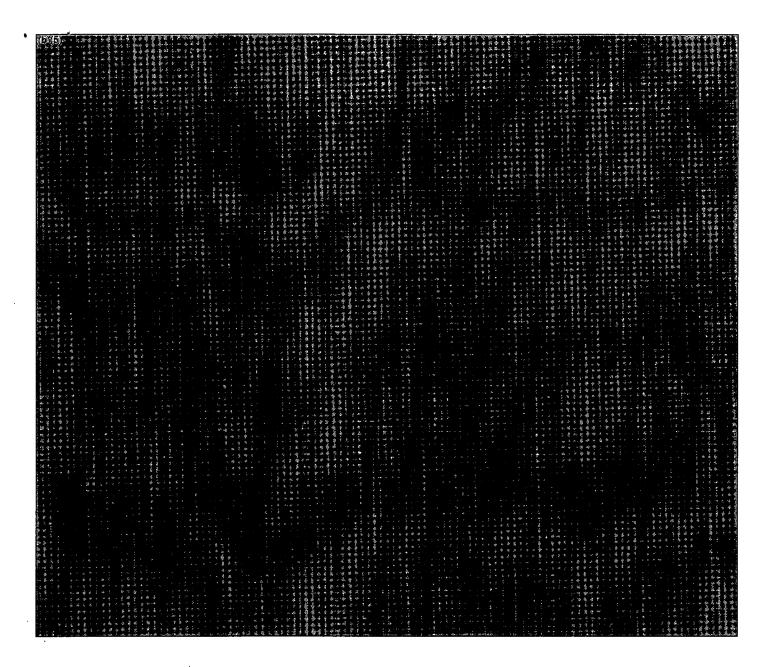




20:15 March 19, 2011 Saturday (Mission Japan Consular Daily Situation Report):







#### -SBU

This email is UNCLASSIFIED.

From: Sent:

Bock, Yoni Sunday, March 20, 2011 8:45 AM RMT\_PACTSU; DART\_PACTSU

To: Subject:

FW: MITAM Japan EQ/TSU - March 20, 2011 (2100)

Attachments:

PacTSU MITAM - March 20 2011,xlsx

Importance:

High

All,

Forgot to cc y'all just now. Multo apologies.

/Yoni

From: Bock, Yoni

Sent: Sun 3/20/2011 8:36 AM To:

Reeves, James (OSD):

Trigilio, John (OSD);

Hanlon, Melissa (OSD):

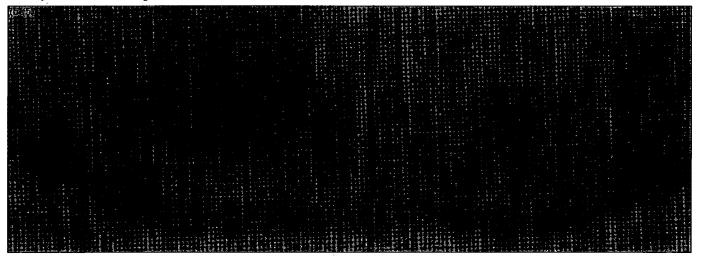
Atteberry, Christopher (OSD); Grana, Brian T. Maj USMC;

Subject: MITAM Japan EQ/TSU - March 20, 2011 (2100)

**CAT Chief: For Action** 

Everyone else: For info

Today's Mission Taskings include seven new missions:



Please provide update on status of missions as available.

v/r

Yoni

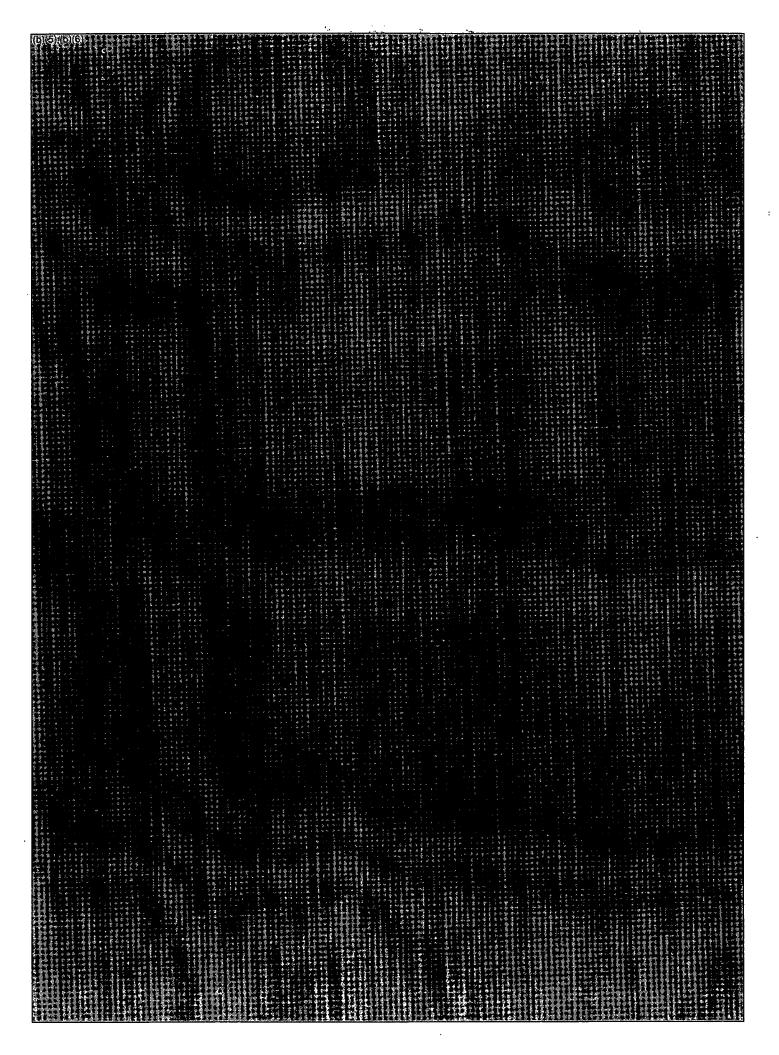
BC 269

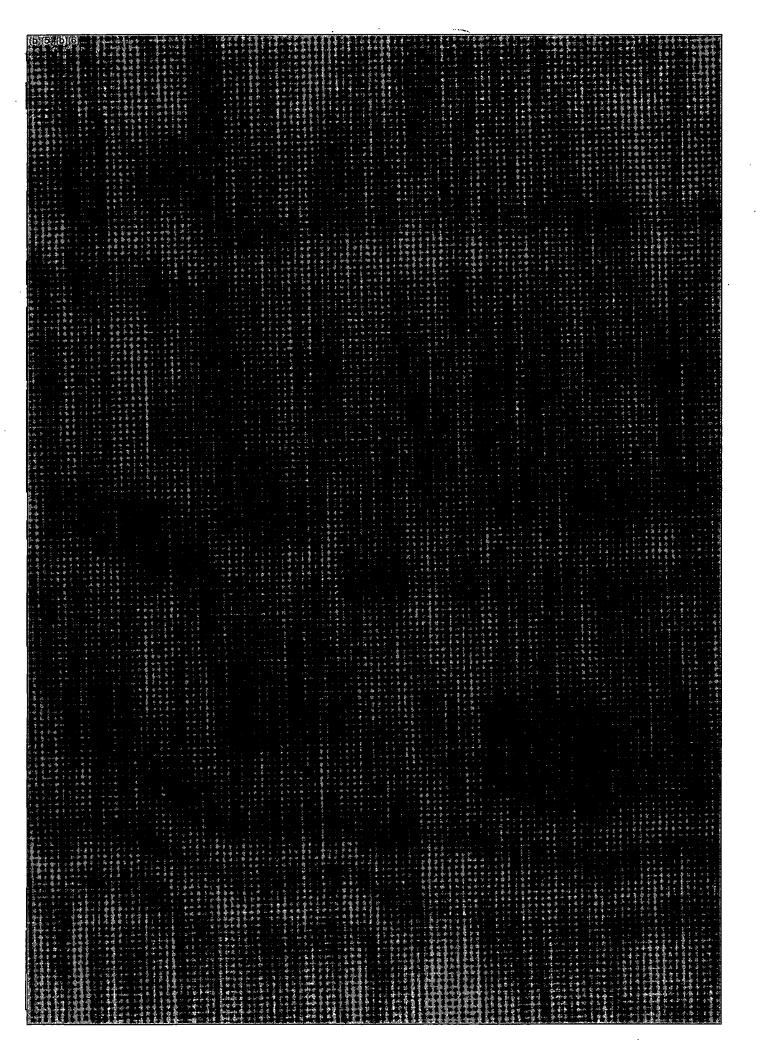
Mr. Yonahton Bock
Military Liaison Officer / Civ-Mil Coordinator
Japan Earthquake/Tsunami DART
Email: ybock@usaid.gov
Blackberry:

DNS at USFJ: 225-4329, 3137, 2469

From US (or non DSN) (011 81) 425 522-511 From Japan (non DSN) 0425 522-511 after dial tone, ext 54329, 52469, 53137

Current Location: Yokota AB, Tokyo, Japan





From:

Magee, Erin K. (DCHA/OFDA)

Sent:

Sunday, March 20, 2011 9:10 AM

To:

DART\_PACTSU; RMTPACTSU\_DMO; RMTPACTSU\_DMP; RMTPACTSU\_INC;

RMTPACTSU\_PRO; RMTPACTSU\_RM

Subject:

(SBU) 03.20.11 - USAID/DART Japan Earthquake and Tsunami Field Notes #9

Attachments:

03.20.11 - USAID-DART Japan Field Notes #9.doc

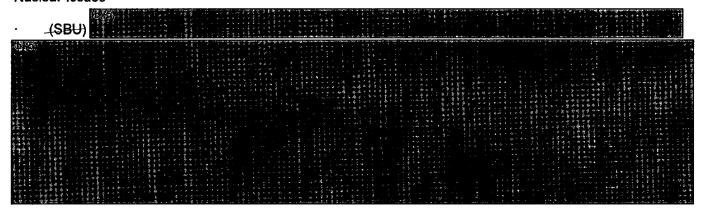
#### -- U.S. Government Only --

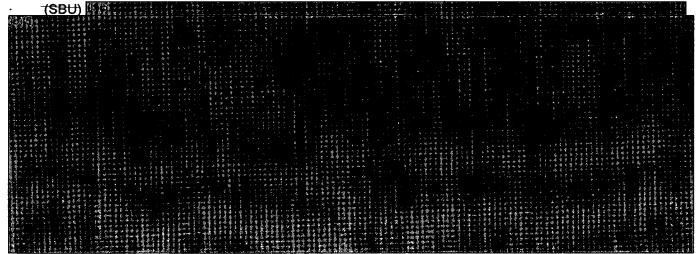
Please Note: This is for information purposes only. Please do not distribute outside of the RMT or DART.

(SBU) USAID/DART Japan Earthquake and Tsunami Field Notes #9

03.20.11

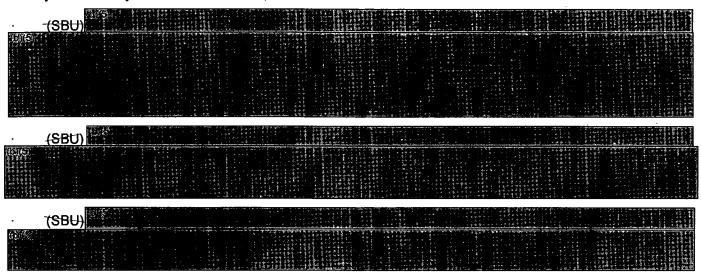
#### **Nuclear Issues**



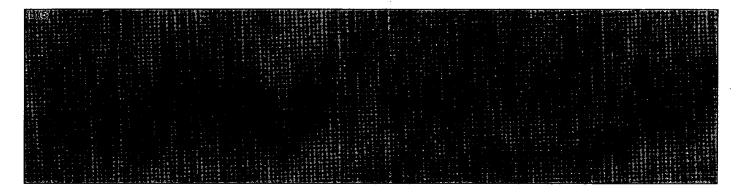


BC 270

#### Safety and Security

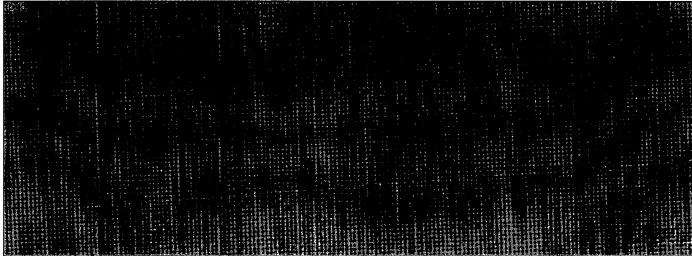


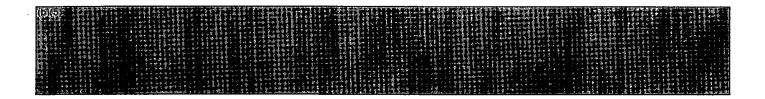
#### **USAID/DART**



#### Humanitarian Situation

#### Humanitarian Needs and Response



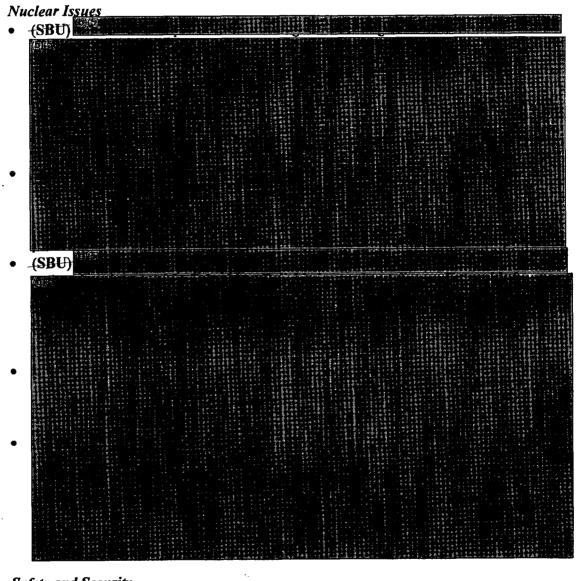


Erin Magee Information Officer USAID Disaster Assistance Response Team (USAID/DART) Japan Earthquake and Tsunami Cell Phone: +1-

emagee@usaid.gov

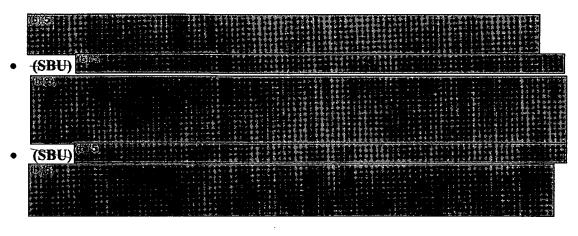
## - U.S. Government Only Please Note: This is for information purposes only. Please do not distribute outside of the RMT or DART.

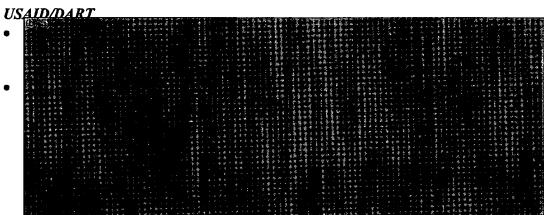
### USAID/DART Japan Earthquake and Tsunami Field Notes #9 03.20.11



• (SBU)

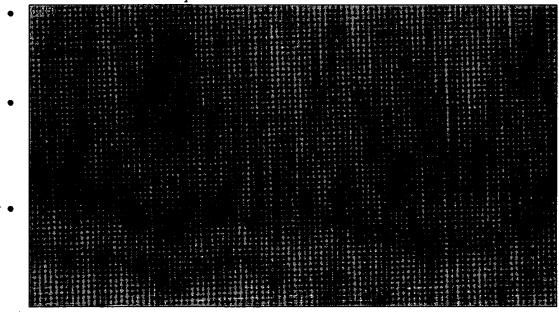
#### -Internal OFDA Use Only - Do Not Distribute -



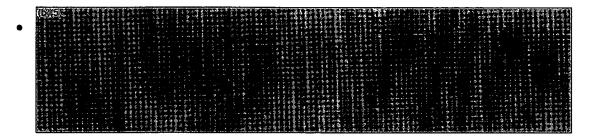


#### Humanitarian Situation

Humanitarian Needs and Response



#### -- Internal OFDA Use Only -- Do Not Distribute --



From:

Foggie, Kirk

Sent:

Sunday, March 20, 2011 9:18 AM Liaison Japan

To: Cc:

Dorman, Dan

Subject:

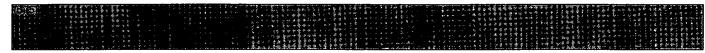
Fw: For your reference

**Attachments:** 

110317 福島第一地震発生後の時刻暦(ENG).xls; 2011\_03\_20\_1230\_Conditions of

Fukushima-Dai-ichi NPS (Unit1-5)R3 ppt.ppt

All,



Kirk

Sent from Blackberry.

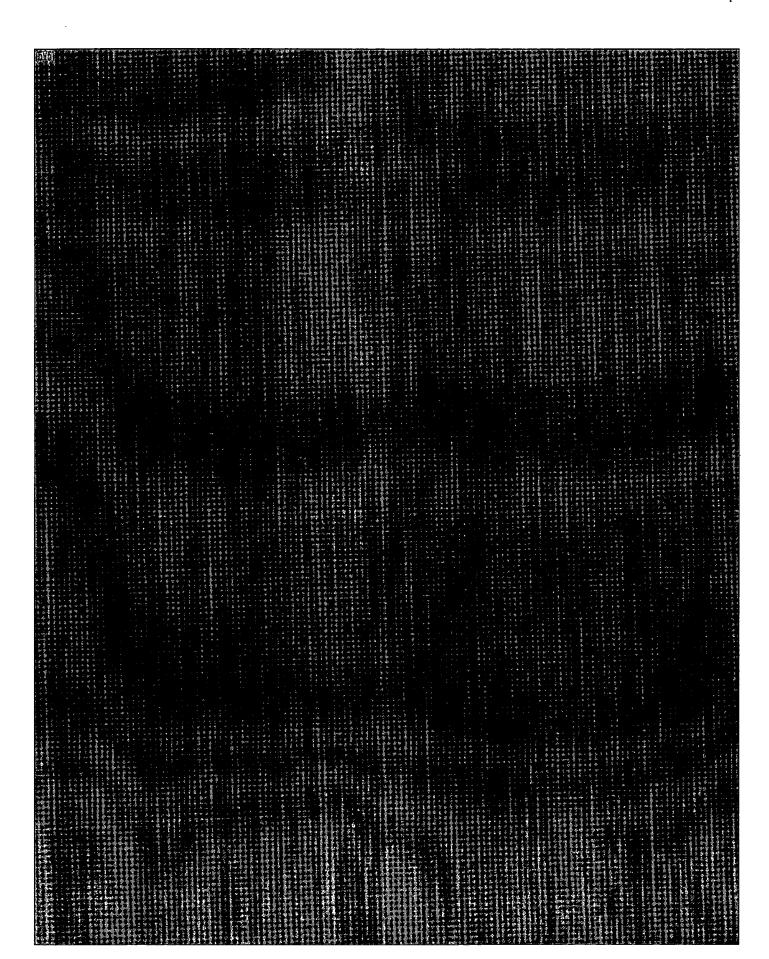
---- Original Message -----

From: 中川air <nakagawa@ruby.famille.ne.jp>

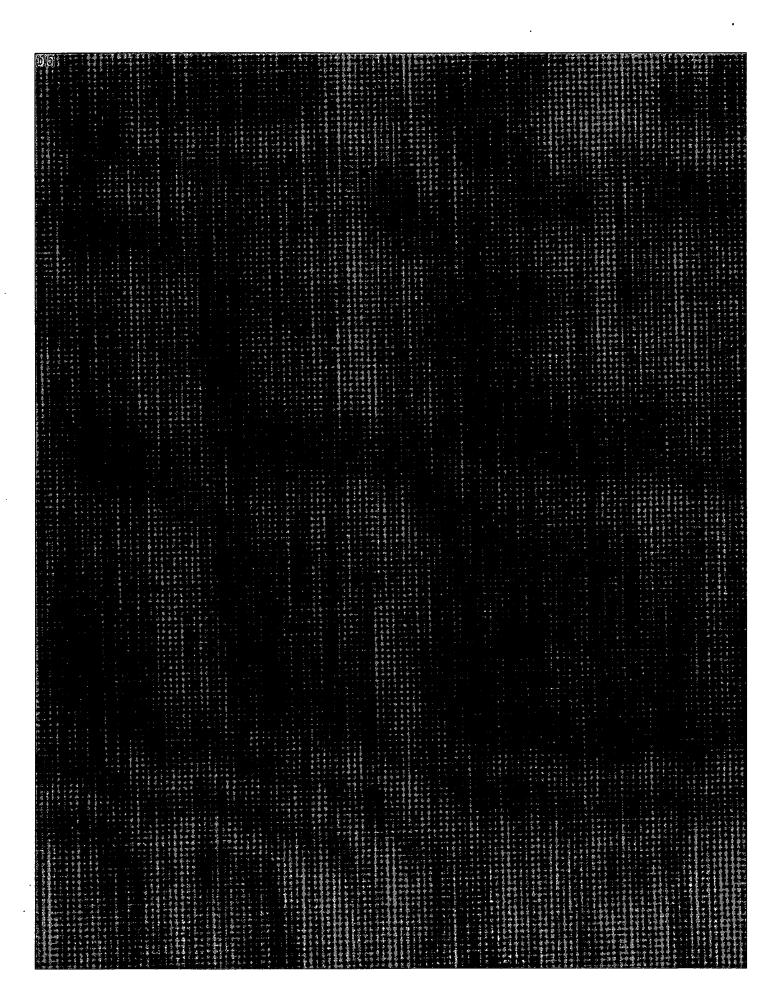
To: Foggie, Kirk

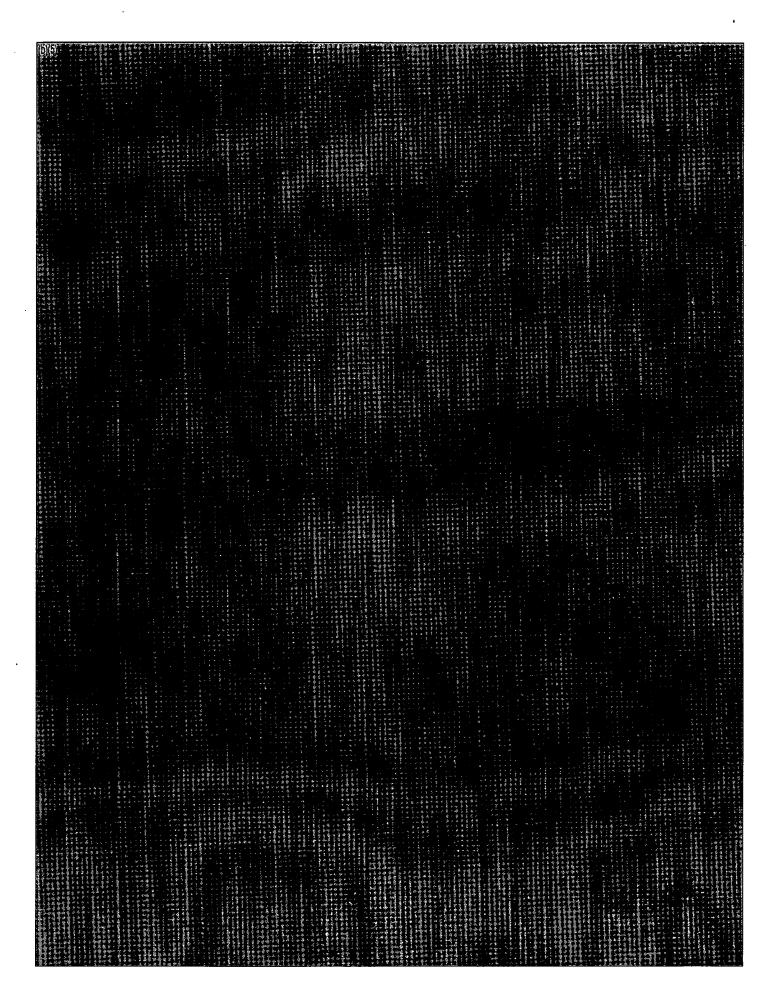
Sent: Sun Mar 20 07:55:07 2011 Subject: For your reference

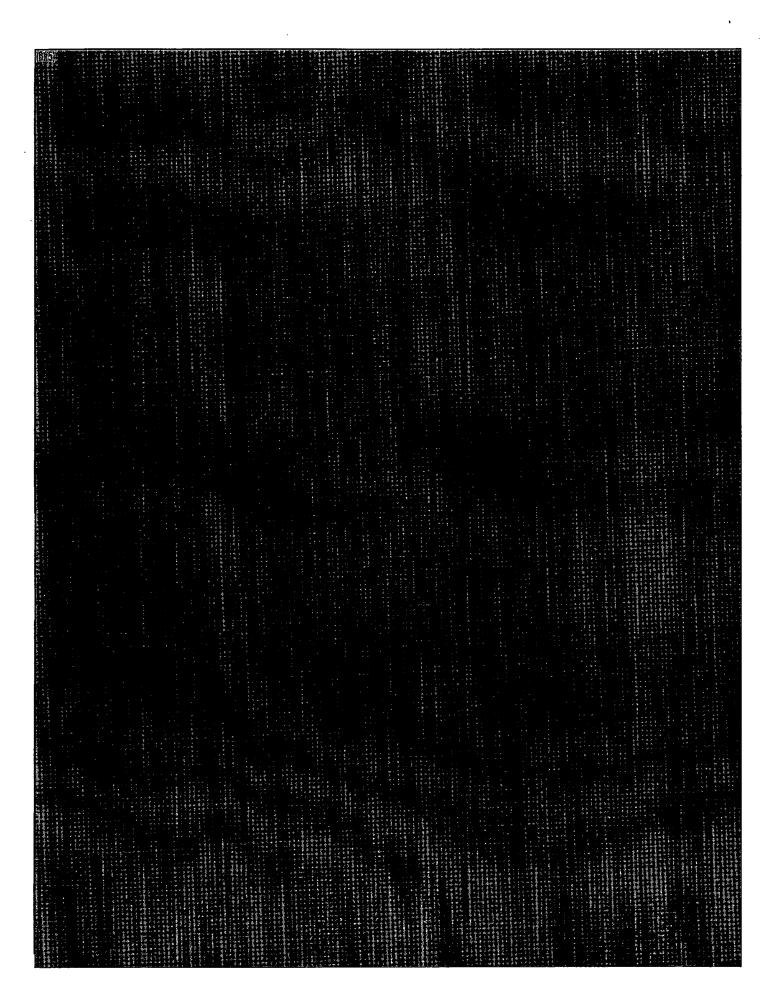
Nakagawa

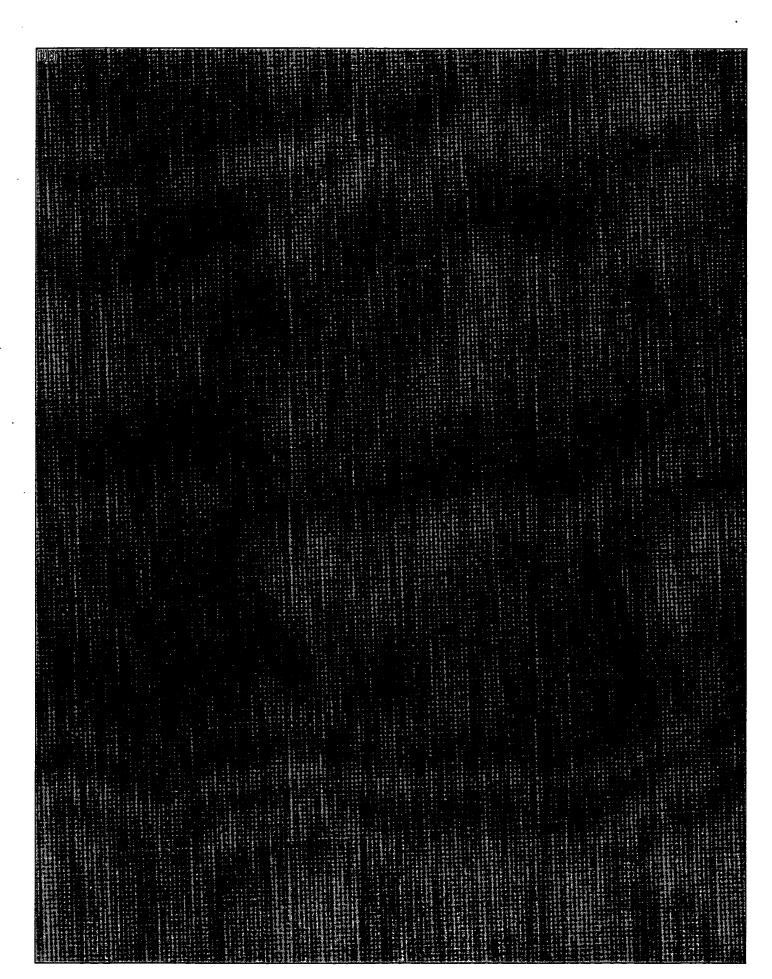


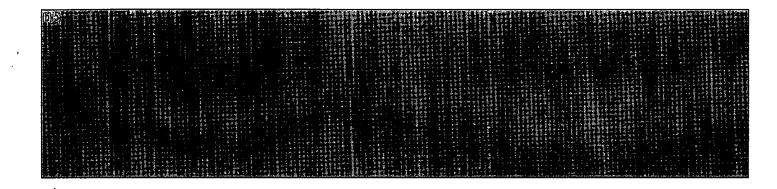




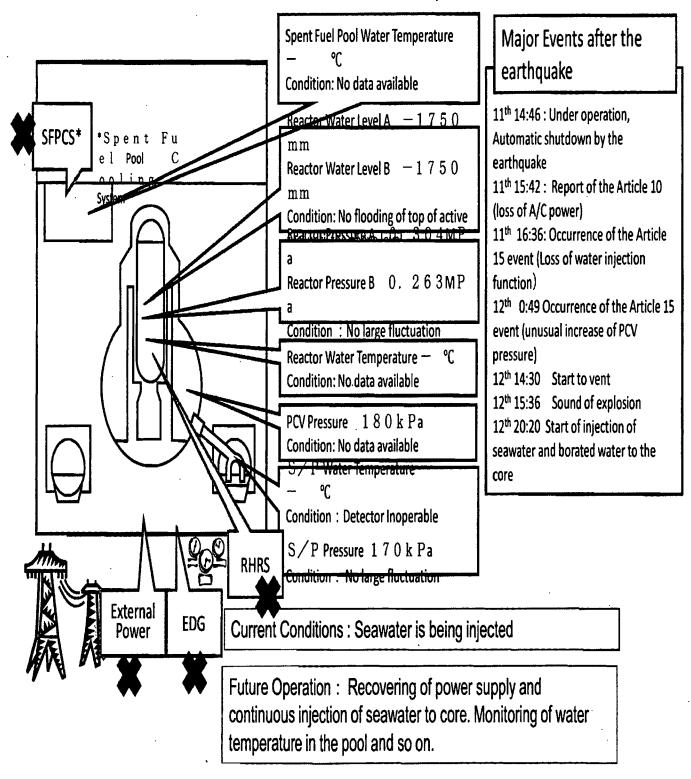




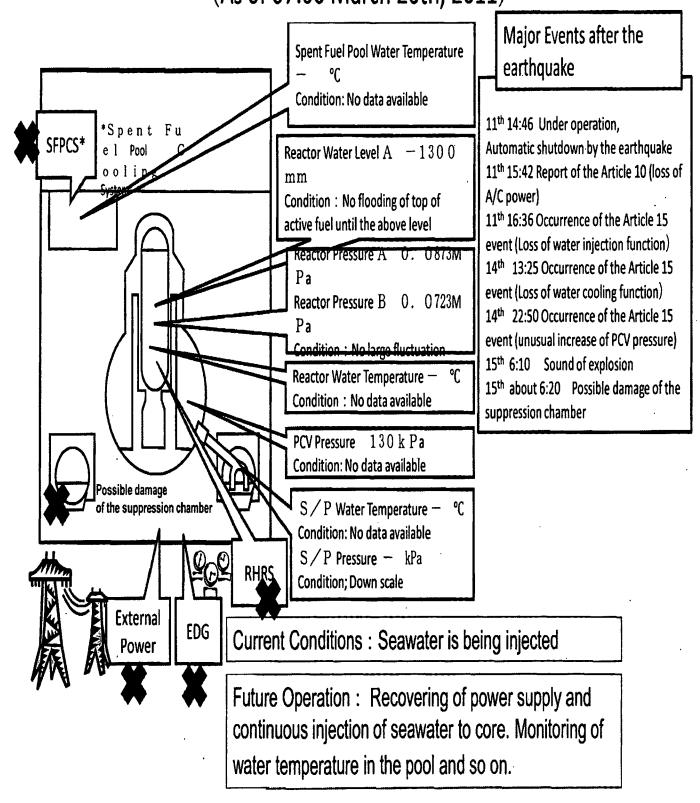




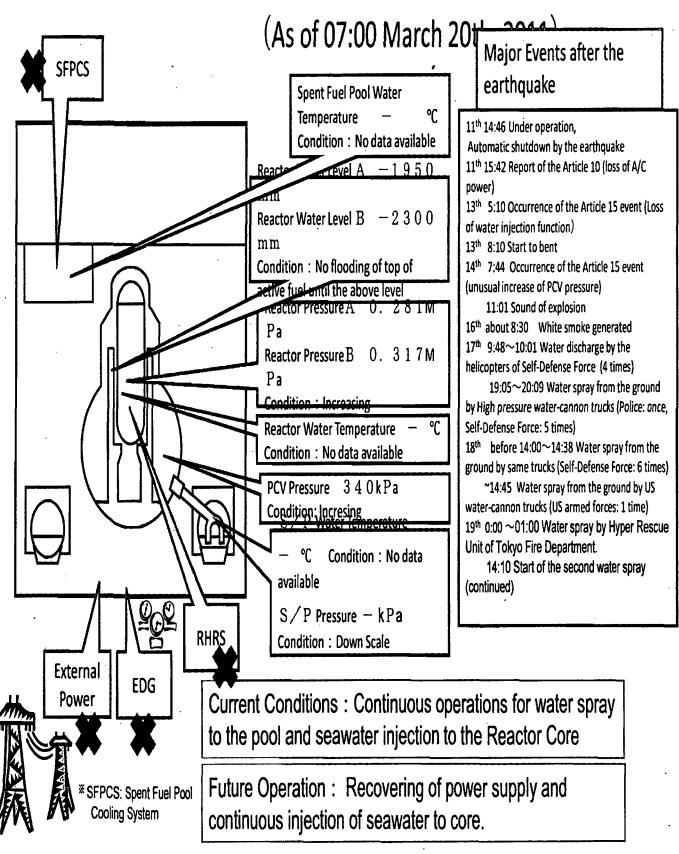
# Conditions of Fukushima Dai-ichi Nuclear Power Stations Unit 1 (As of 07:00 March 20th, 2011)



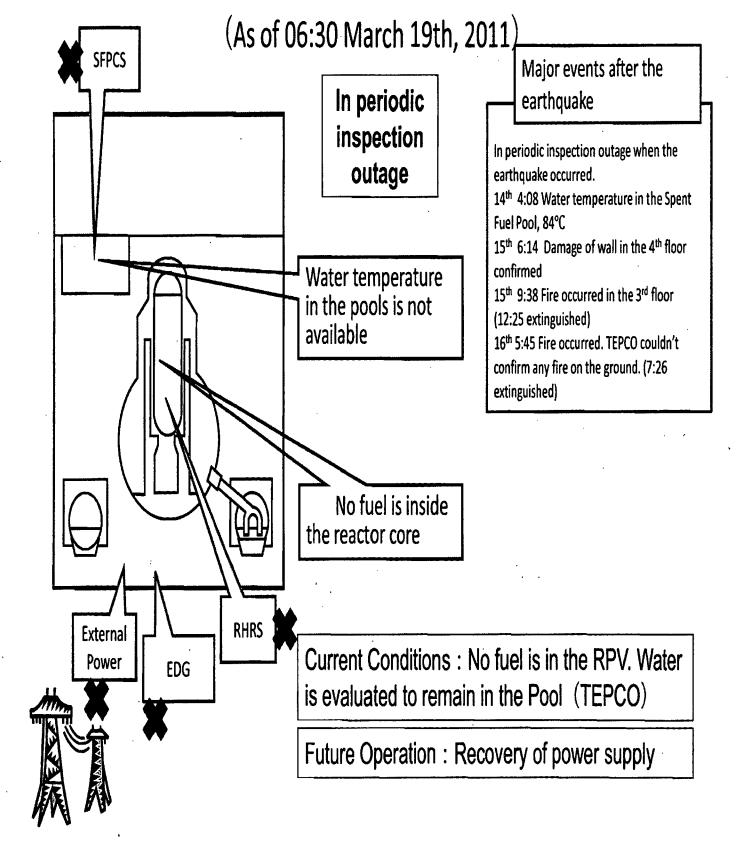
Conditions of Fukushima Dai-ichi Nuclear Power Stations Unit 2
(As of 07:00 March 20th, 2011)



### Conditions of Fukushima Dai-ichi Nuclear Power Stations Unit 3

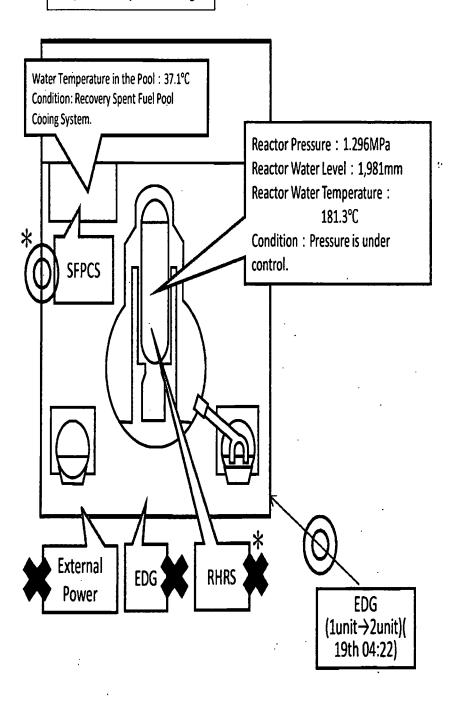


### Conditions of Fukushima Dai-ichi Nuclear Power Stations Unit 4



# Conditions of Fukushima Dai-ichi Nuclear Power Stations Unit 5 (As of 07:00 March 20th, 2011)

In periodic inspection outage



Current Conditions: Emergency Diesel Generator (1 unit →2 unit) for Unit 6 is being operated. (supplying electricity to Units 5 and 6) Pump of RHR for Unit 5 started up.

Future Operation: Start operating for recovery of external power

# Conditions of Fukushima Dai-ichi Nuclear Power Stations Unit 6 (As of 07:00 March 20th, 2011)

In periodic inspection outage Water Temperature in the Pool: 41.0°C Condition: Recovery Spent Fuel Pool Cooing System. **SFPCS** Reactor Pressure: 0.716MPa Reactor Water Level: 2,000mm Rector Water Tem: 161.8°C Condition: Pressure is under control. External (1unit→2unit)( **Power** 19th 04:22)

Current Conditions: Emergency
Diesel Generator (19<sup>th</sup> 04:22 1 unit
→2 unit) for Unit 6 is being
operated. (supplying electricity to
Units 5 and 6)
RHR (B) for Unit 6 recovered and
started full operation. (22:14 March
19th).

Future Operation: Start operating for recovery of external power

\* It cools Spent Fuel Storage Pool with priority

From:

Nakanishi, Tony

Sent:

Monday, March 21, 2011 9:34 AM

To: Cc: LIA02 Hoc; Liaison Japan

Subject:

'Damian.Peko@Nuclear.Energy.gov'
Fw: TEPCO meeting at the US Embassy Monday.

Attachments:

20110321Agenda.doc; NRCExecutiveBriefingR1.ppt; 1FDoseRate20110320r1.ppt

#### For the tepco mtg.

#### ---- Original Message -----

From: 佐藤 隆 <satoh.takashi@tepco.co.jp>

To: Peko, Damian < Damian.Peko@Nuclear.Energy.gov>

Cc: 川野 晃 < kawano.akira@tepco.co.ip>; hoofc@state.gov < hoofc@state.gov>; Monninger, John;

Nakanishi, Tony

Sent: Mon Mar 21 07:29:30 2011

Subject: Re: TEPCO meeting at the US Embassy Monday.

#### Dear Mr. Peko,



#### Best regards,

Takashi Sato TEPCO

(On behalf of Mr. Akira Kawano)

#### 東京電力株式会社

本店 原子力・立地業務部

原子力企画グループマネージャー

佐藤 隆(Takashi Sato)

〒100-8560 東京都千代田区内幸町1-1-3

TEL: 03-6373-4721 FAX: 03-3596-8538

E-Mail: satoh.takashi@tepco.co.jp

#### ---- Original Message -----

From: "川野 晃" <kawano.akira@tepco.co.jp>

To: "Peko, Damian" < Damian.Peko@Nuclear.Energy.gov>

Cc: < hoofc@state.gov >; < John.monninger@nrc.gov >; < tony.nakanishi@nrc.gov >;

<satoh.takashi@tepco.co.jp>

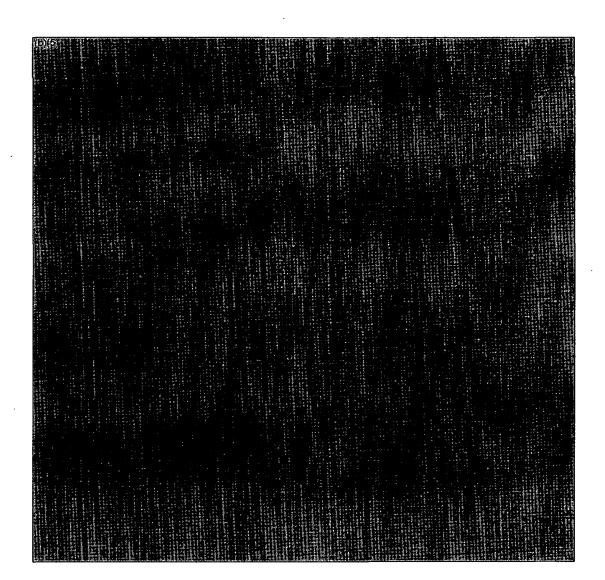
Sent: Monday, March 21, 2011 4:59 PM

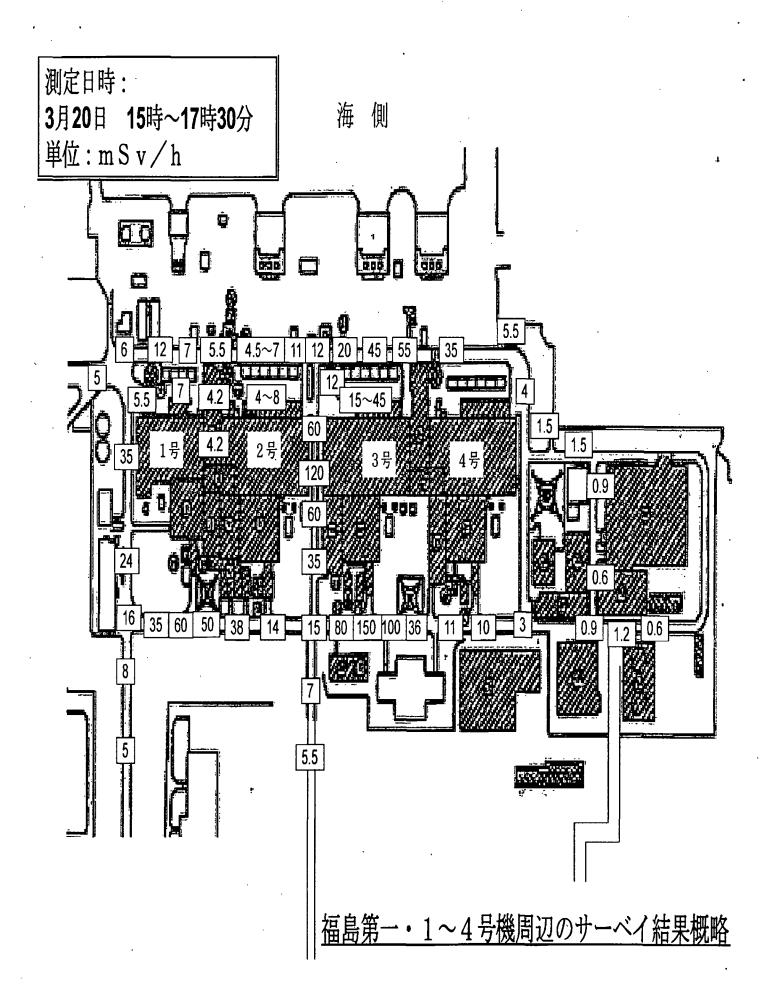
Subject: Re: TEPCO meeting at the US Embassy Monday.

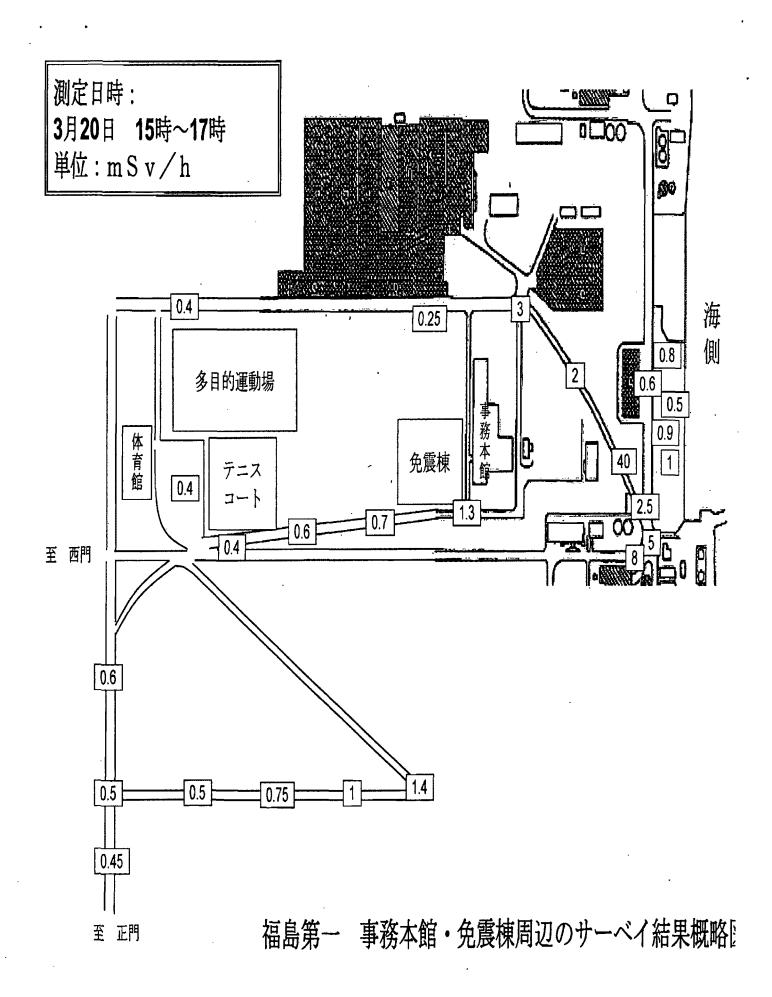
> Dear Mr. Damian Peko.

BC/212

```
> Warmest regards,
> Akira Kawano
> TEPCO
> On Mon, 21 Mar 2011 03:25:36 -0400
> "Peko, Damian" < Damian.Peko@Nuclear.Energy.gov > wrote:
>> Dear Kawano-san
>> Best Regards
>> Damian Peko
> 東京電力(株)
> 福島第一原子力発電所
> 第二保全部
>川野 晃
> 電話:0240-32-2486 (ダイヤルイン)
> 電子メール: kawano.akira@tepco.co.ip
> Akira Kawano
> Maintenance Director
> Fukushima Daiichi Nuclear Power Station Tokyo Electric Power Company
> Phone:+81-240-32-2486
> Fax.:+81-240-32-3881
> E-mail:kawano.akira@tepco.co.jp
> URL:http://www.tepco.co.jp/fukushima1-np/index-j.html
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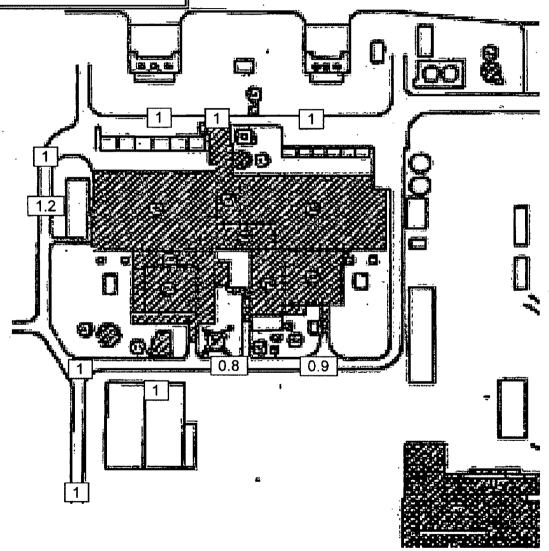


測定日時:

3月18日 18時15分~18時30分

単位: m S v / h

海側



5・6号機周辺のサーベイ結果概略

From:

Ulses, Anthony

Sent:

Wednesday, March 23, 2011 10:20 PM

To:

'moralesra@state.gov'

Subject:

Fw: Fwd: Diagrams provided at Kantei

Attachments:

page-0023.tif; page-0015.tif; page-0016.tif; page-0017.tif; page-0018.tif; page-0019.tif;

page-0020.tif; page-0021.tif; page-0022.tif

Sent from NRC BlackBerry



From: Nakanishi, Tony To: Ulses, Anthony

Sent: Wed Mar 23 21:40:58 2011

**Subject:** FW: Fwd: Diagrams provided at Kantei

From: Smith, Brooke

Sent: Tuesday, March 22, 2011 2:47 AM

To: RST01 Hoc Cc: Nakanishi, Tony

Subject: Fw: Fwd: Diagrams provided at Kantei

Plant layout diagrams (1of1).

Sent from an NRC Blackberry.

Brooke G Smith

From: Brooke Smith <

To: Smith, Brooke

Sent: Tue Mar 22 02:44:26 2011

Subject: Fwd: Diagrams provided at Kantei

----- Forwarded message -----

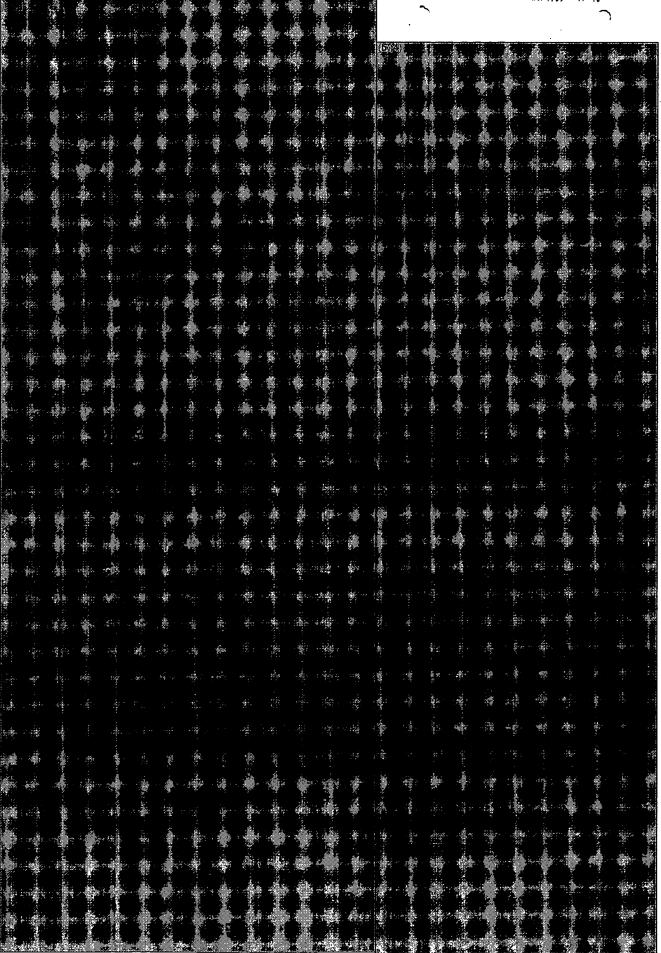
From: Brooke Smith <

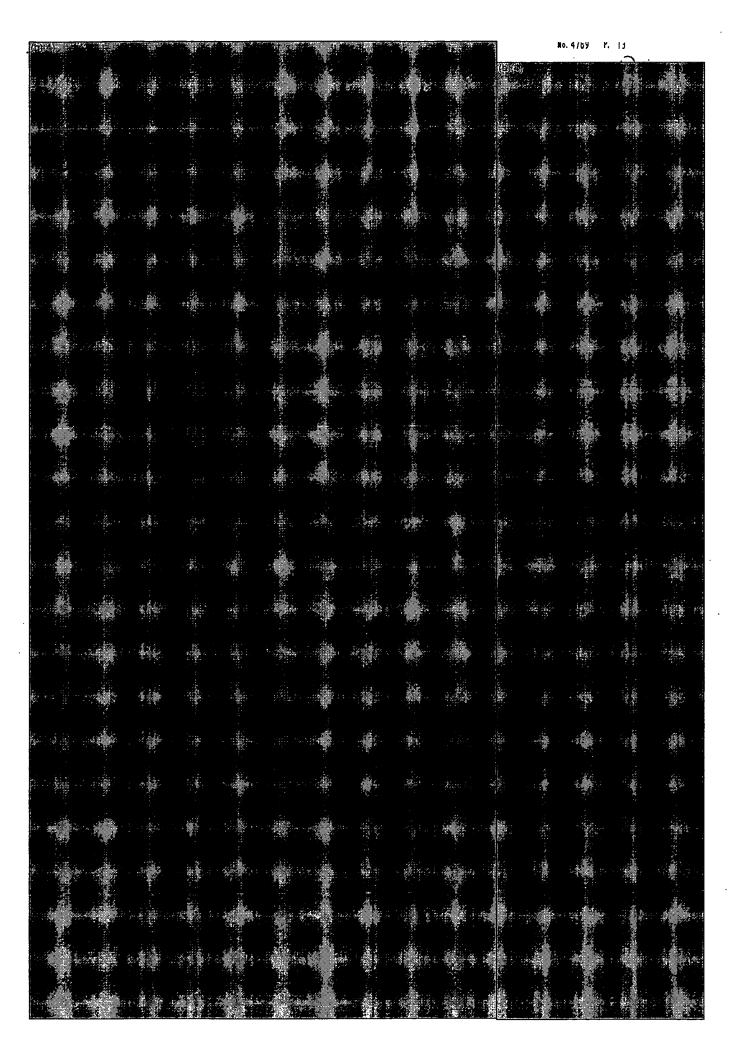
Date: Sat, Mar 19, 2011 at 4:45 AM Subject: Diagrams provided at Kantei

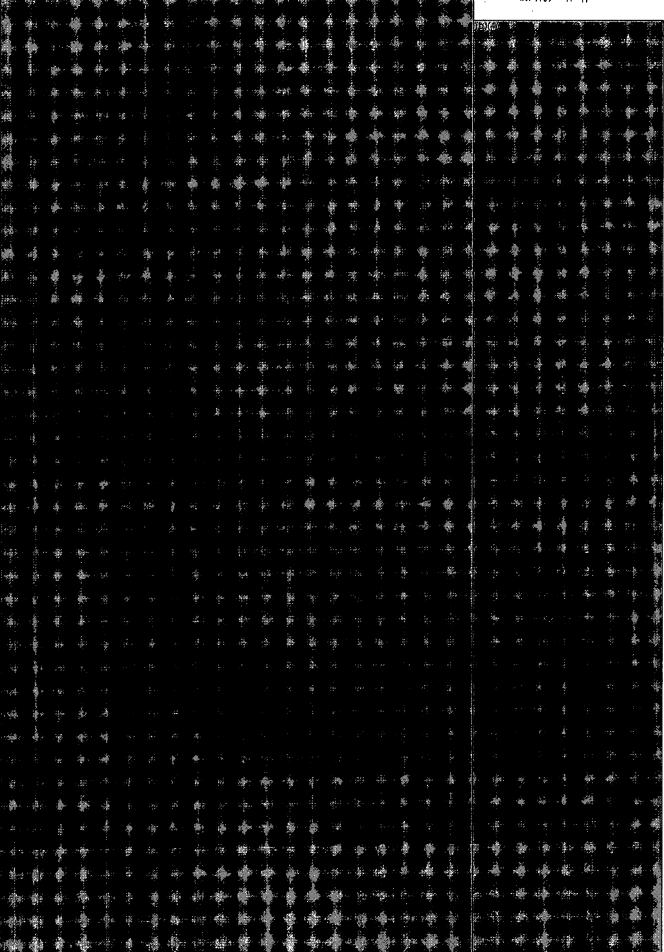
Subject: Diagrams provided at Kantei

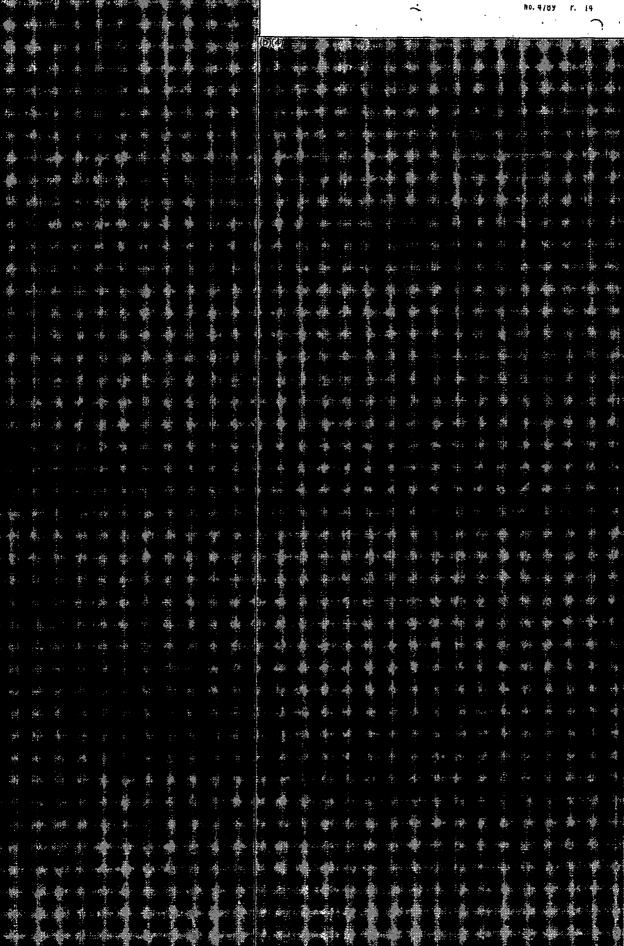
To: brooke.smith@nrc.gov

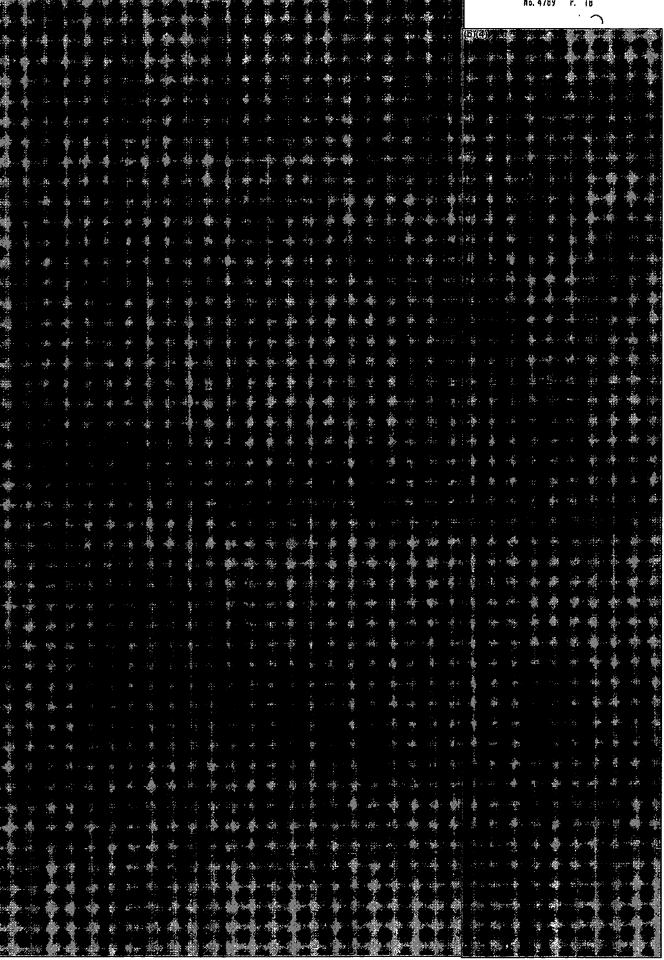
BC/213

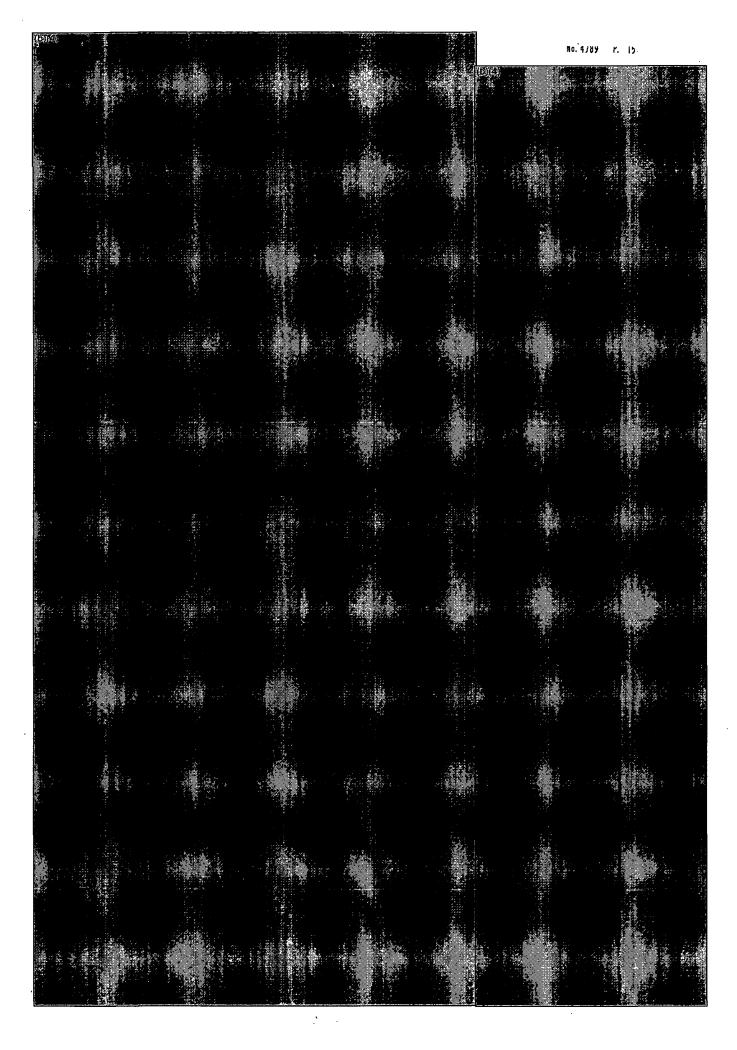


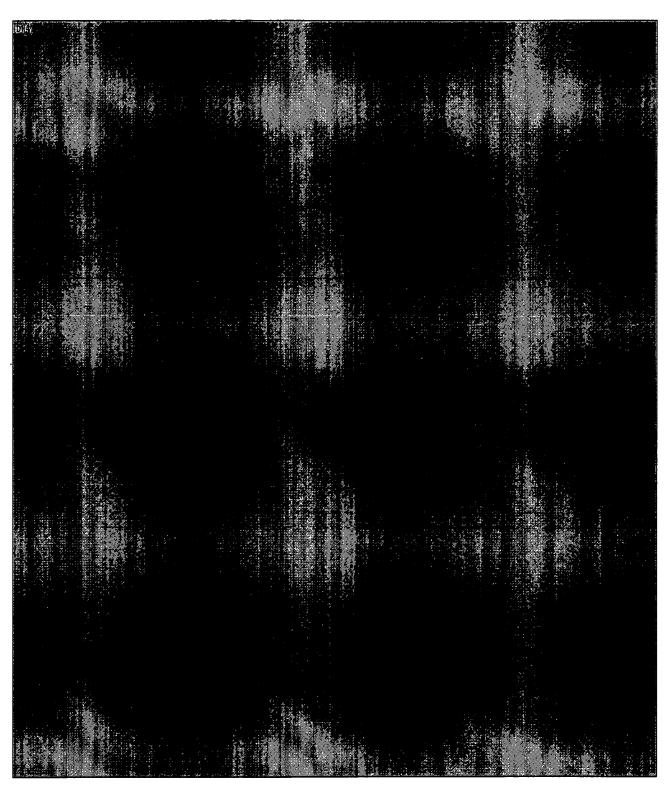


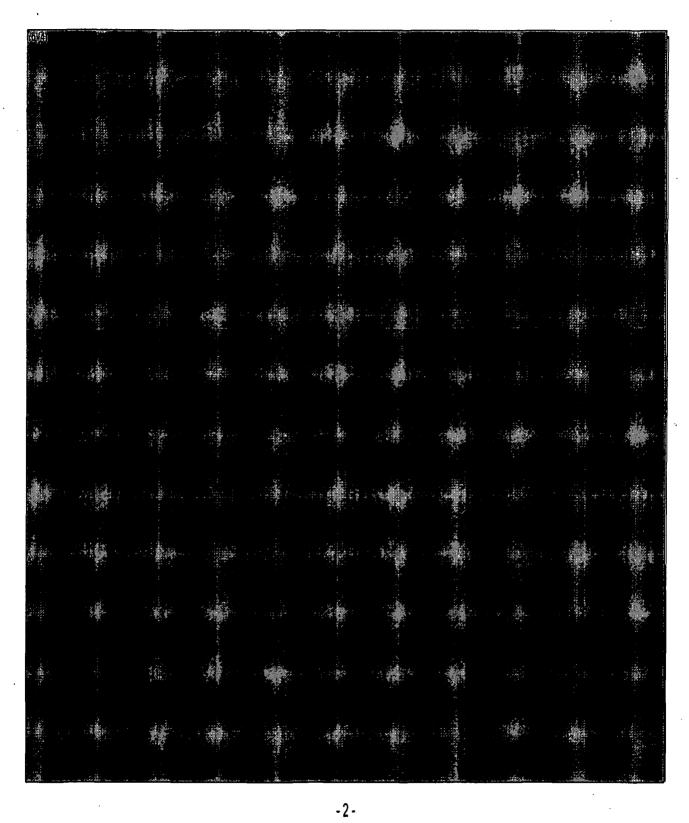


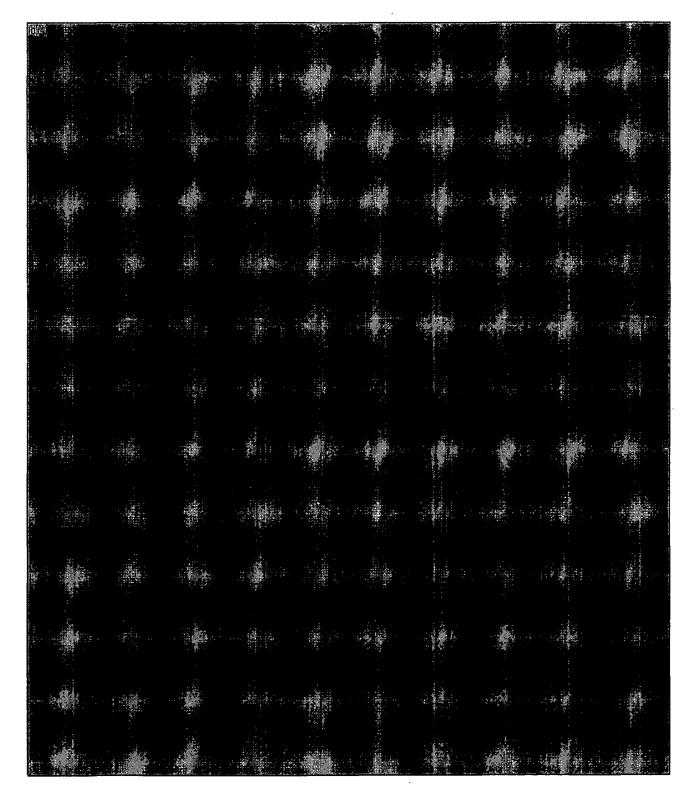


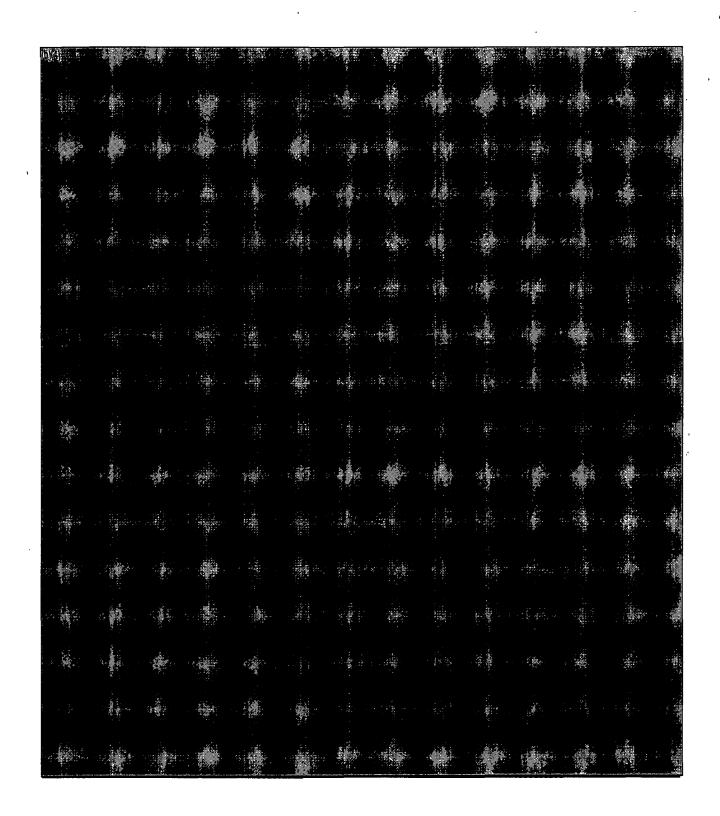


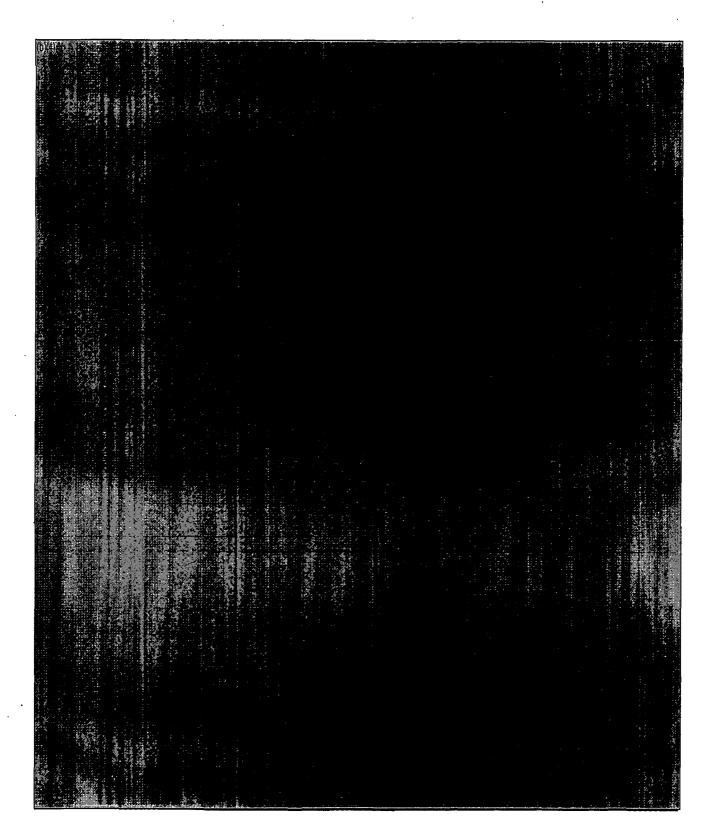


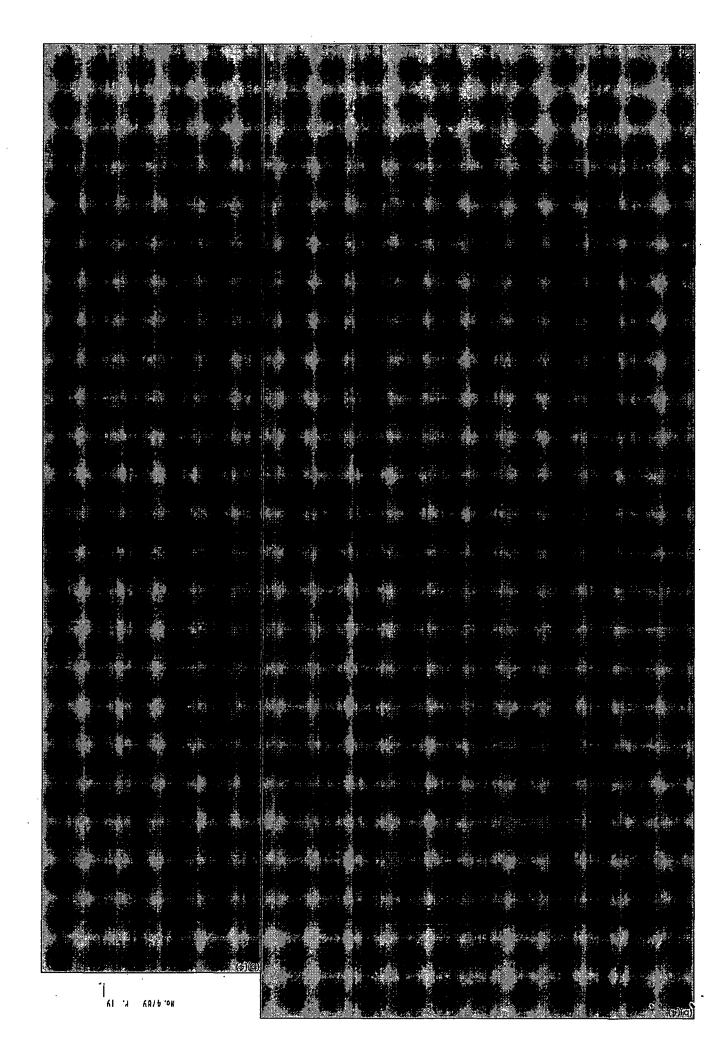












From: Sent: To:

Berger, Claire [BergerMC@state.gov]
Friday March 25 2011.2:52 AM

aleshia.duncan@nuclear.energy.gov: ; Cherry, Ronald C;

William: lewisbm@fcmp.org; Smith, Casto,

damian peko@nuclear energy.gov; Dorman, Dan; Dudley. Katherine F; Duncan,

Aleshia D; Howard, E. Bruce; Foster, Jack; Trapp, James;

Webster, Jessica M (TDY/ECN); joseph.hughart@foh.hhs.gov; (10)(6)

Monninger, John, Johnstone, William Commission of the Commission o M (TDY/RSO): Russell A; Devercelly, Richard; russ@earthtabi.com; Foggie, Kirk; Lewis, Brian Mears Jeremy M; Morales, Nakanishi,

Tony; Ulses, Anthony

Cc: Subject: Zumwalt, James P; Basalla, Suzanne I; JapanEmbassy, TaskForce

FW: Consolidated GOJ request

Attachments:

GOJ request.docx

From Marc Wall.

-SBU-

This email is UNCLASSIFIED.

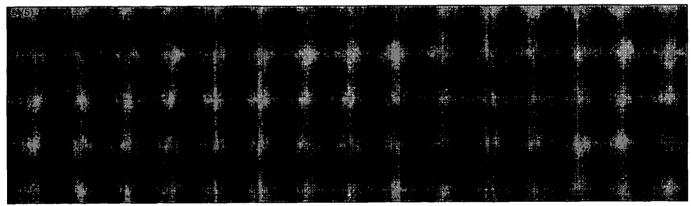
From: Wall, Marc M

Sent: Friday, March 25, 2011 3:41 PM

To: Berger, Claire

Subject: Consolidated GOJ request

#### **Embassy Nuclear Energy Team:**



Thanks.

Marc Wall

SBU

This email is UNCLASSIFIED.

BC) 274



#### The Request to the US Government from the Government of Japan

25 March 2011

- 1. conduct of aerial survey (for AMS measurements) (sharing of the data and its analysis) [MEXT, NSC, NISA]
- provision of radiation monitoring devices on the ground (mobile and stationary type) [MEXT, NSC, NISA]
- 3. conduct of the simulation by the radiation diffusion model (comparison with the SPEEDI simulation by the Japan side) [NSC, MEXT]
- 4. provision of the germanium semiconductor detectors (for measuring the extent to which water and foods are exposed to radiation) [MEXT, NISA]
- 5. provision of robotic devices (for monitoring) [METI, NISA, MOD]
- 6. provision of robotic devices (for rubble removal) [METI, NISA, MOD]
- 7. provision of the data (image, level of radiation) obtained by UAVs [MOD, MOFA]
- 8. provision of unmanned helicopter (K-MAX) [MOD, NISA, MOFA]
- 9. provision of the carriage of fresh water by barges and provision of the water supply pumps for the water [MOD, NISA, MLIT, JCG]
- 10. provision of high-quality pumps and hoses [NISA]
- 11. provision of the sets of protective body armors, radioactive survey meters and individual dosimeters, radioactive measuring instruments, masks for iodine adsorption, and separation materials (quantity specification to be discussed later) [NISA, MOD]
- 12. provision of iodine preparation (iodide of potash) (quantity specification to be discussed later with due consideration of US offer of 1 million bottles) [NISA, MHLW, MOFA]
- 13. provision of extinguishant / coolant [NISA]
- 14. provision of plastic bottles of drinkable water for the infant / baby use [MHLW]
- ➤ We would like to request further information from US Government on the following items to further consider the request from the government of Japan

- 1. UGVs (unmanned ground vehicle) [MOD, MET!]
- 2. technical support regarding the radiation technology, nuclear technology and its effects on human health [MOD, MHLW]
- 3. medical triage related to the exposure to radiation [MOD, MHLW]

<sup>\*</sup>The underlined agency (e.g. MOD) is expected to play a leading role for each request item.

From: Sent: Mercer, Robert LCDR USN USFJ J3 000 S

Saturday, March 26, 2011 9:07 PM

To: Subject: Nakanishi, Tony

Attachments:

FW: Current Plan for Fresh Water Barges Approved Barge Brief.pptx

<<Approved Barge Brief.pptx>>

Here is the current plan for fresh water barges.

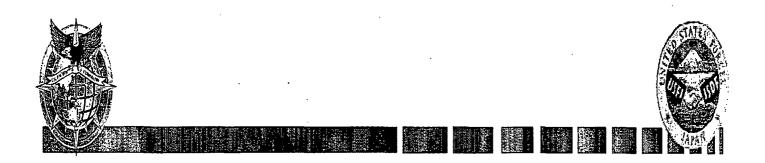
I will be the military representative for this operation. I am a nuclear trained officer who currently works for Westinghouse.

Please let me know if there are any questions.

**Thanks** 

**LCDR Rob Mercer** 

BC 215



# Freshwater Delivery and Implementation

26 March 2011
This brief was approved for distribution by Rear Admiral Rowden



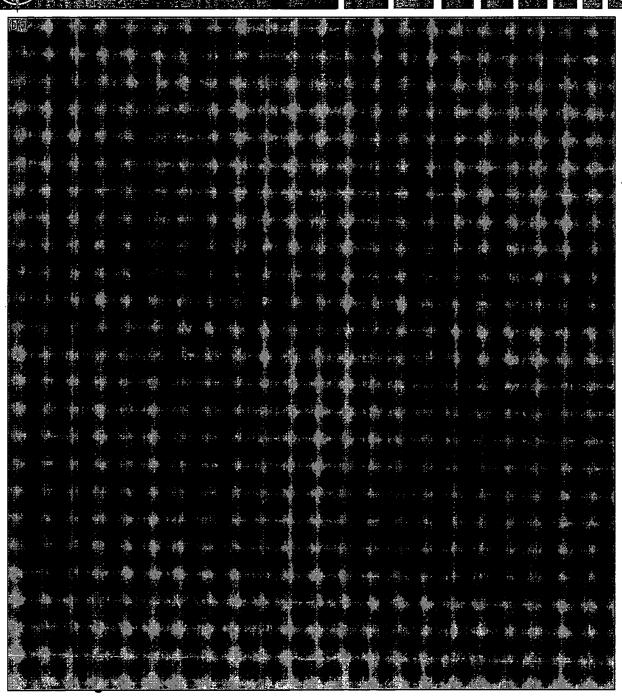
### **Overview**



- Sequence of Events
- Operations at Fukushima
- Equipment Capacity and Available Assets
- Remaining Actions/Decision Points



## **Sequence of Events**





### **Sequence of Events**



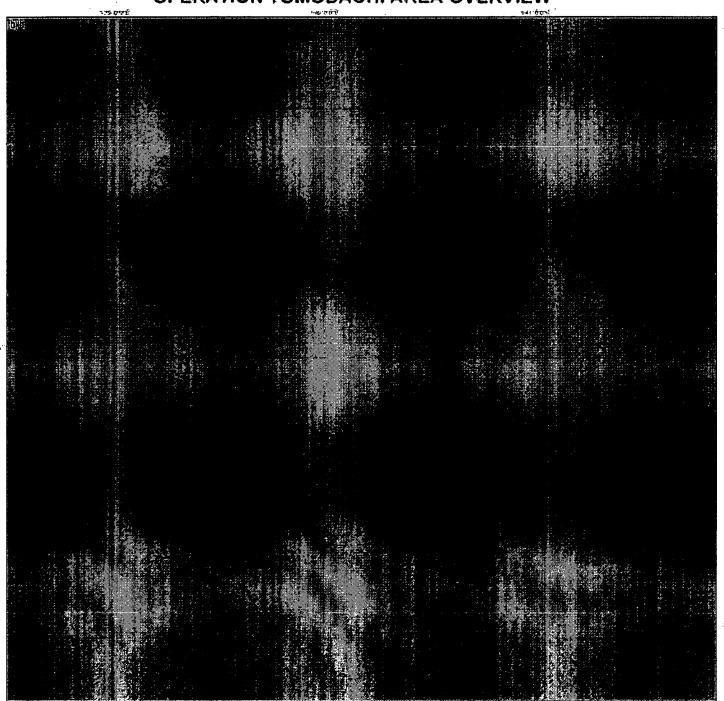
RAPHIC

ेक्क्षेत्रप्रस्था रेन्स्क्रेप्य शक्त र क्रांत्रज्ञात एउट करकार

PERFOUSEJ HADR

MEET 2011000287 (2014)

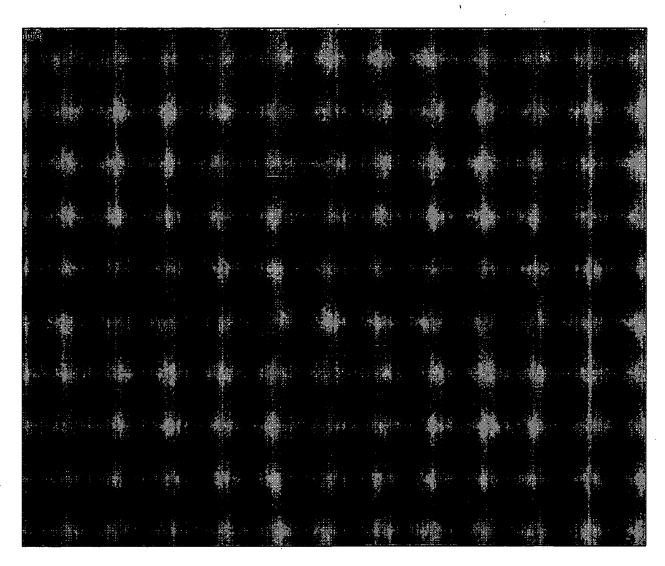
### **OPERATION TOMODACHI AREA OVERVIEW**





### **Sequence of Events**

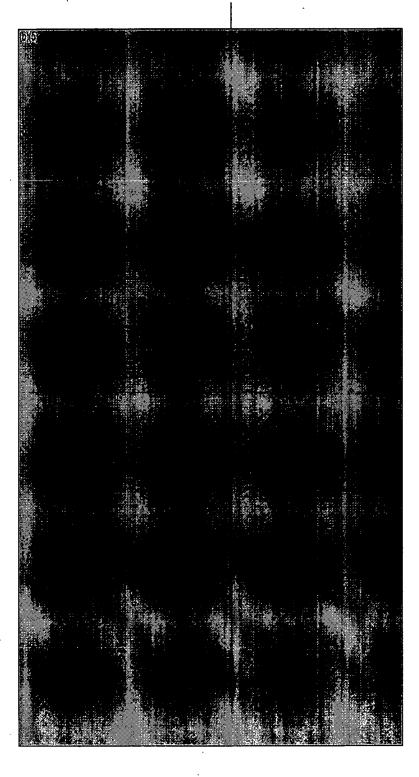


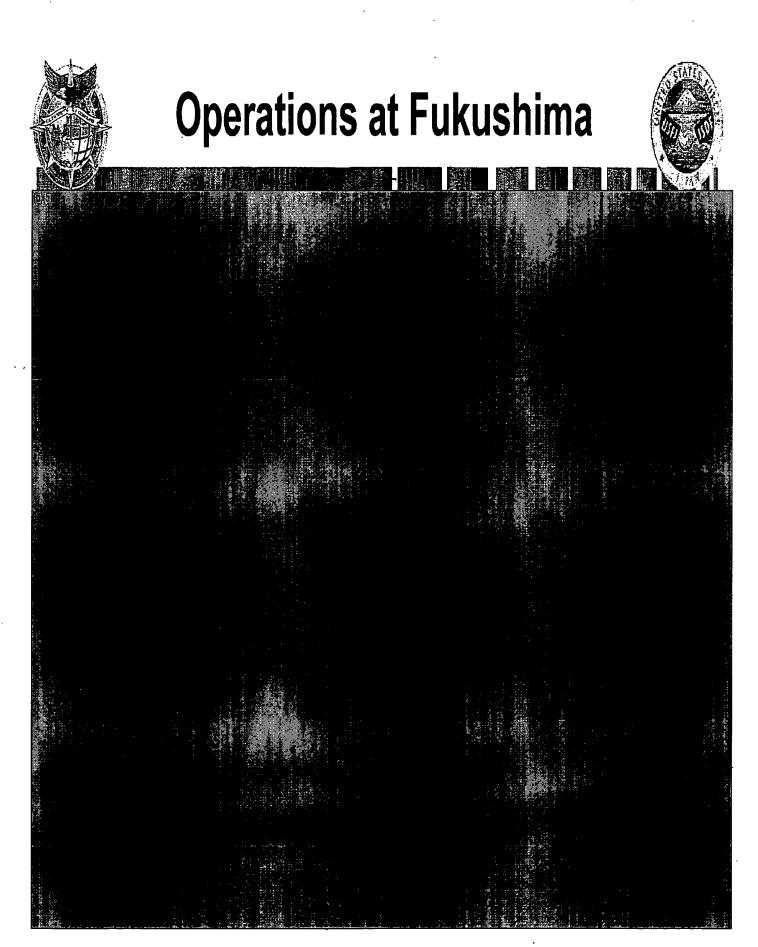




# **Operations at Fukushima**

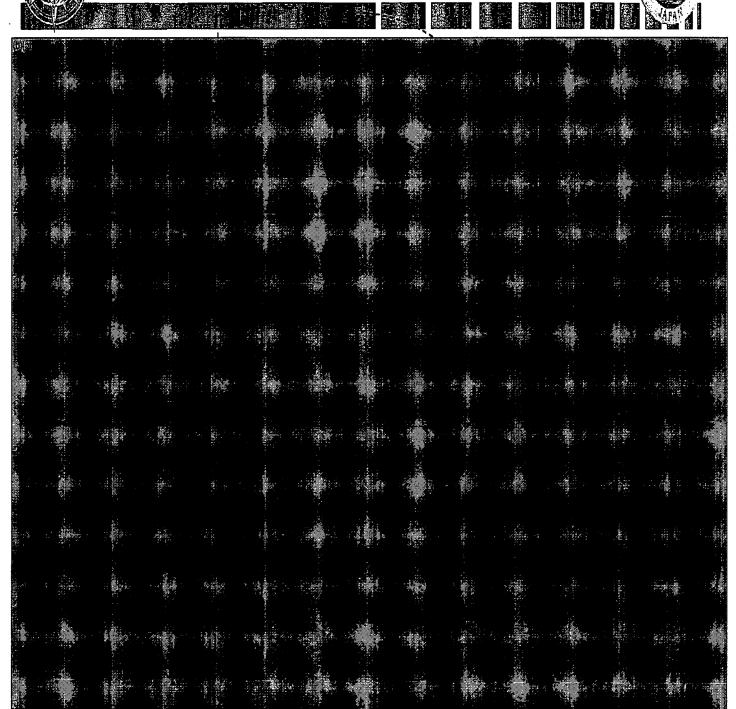








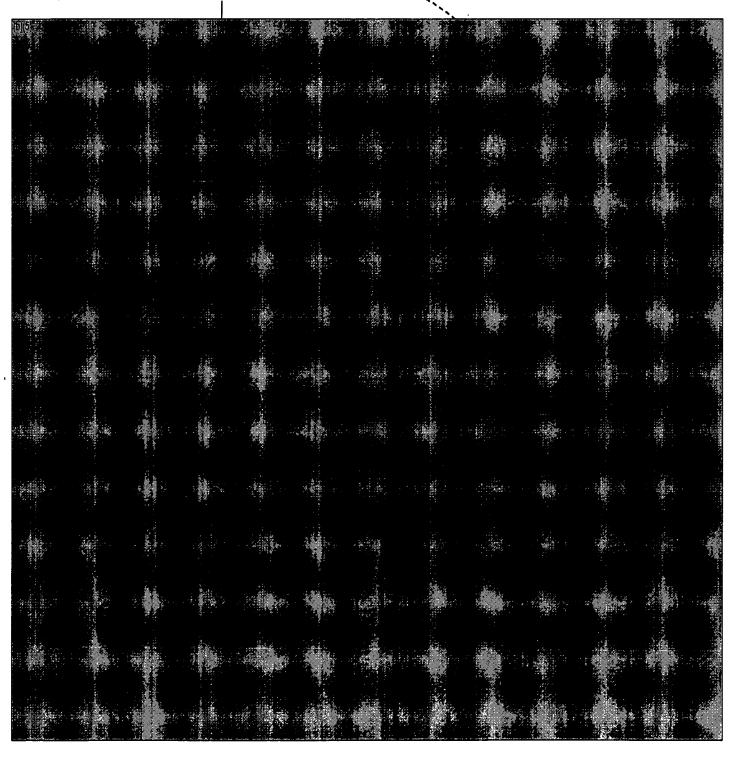
# **Operations at Fukushima**





## **Operations at Fukushima**

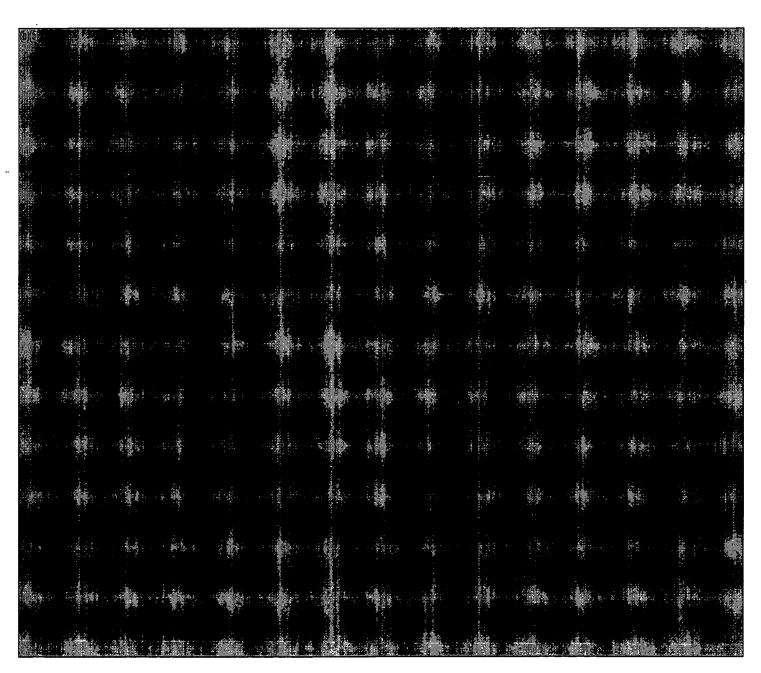






### Freshwater Pump Path Layout

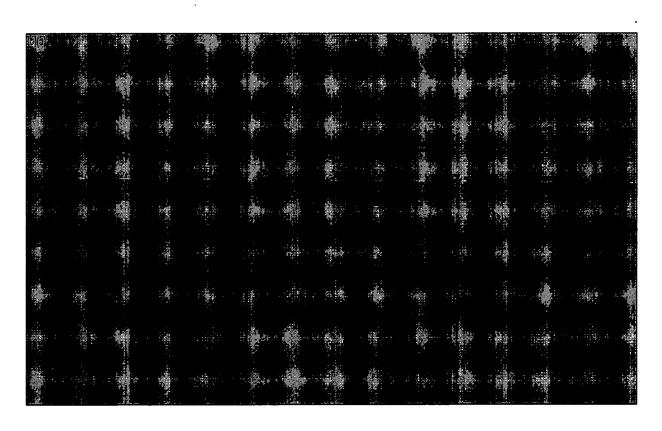






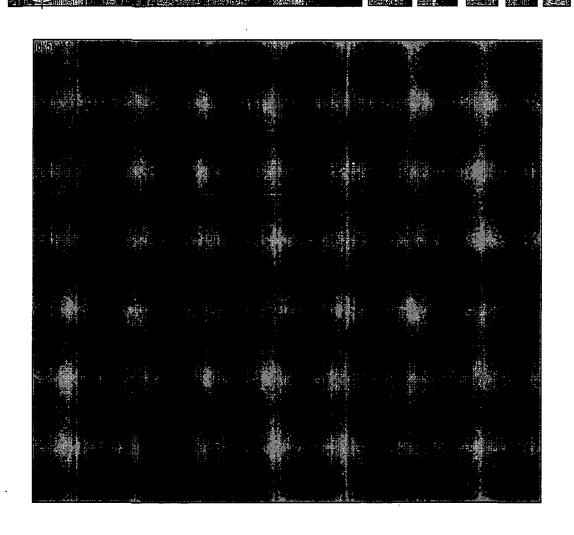
### **Limitations**



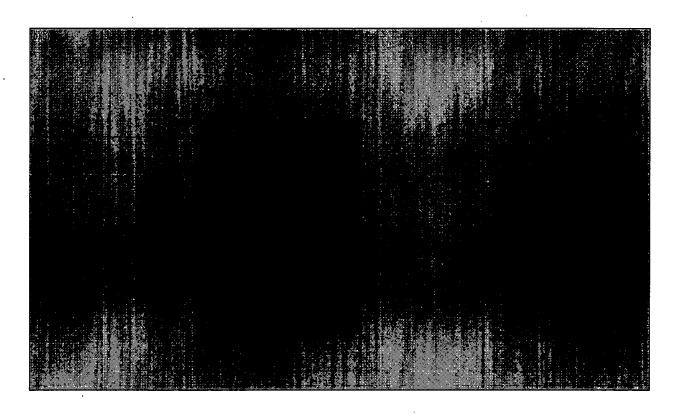




# **Equipment Capacity and Available Assets**









### Questions



From: Sent: To: Horowitz, Paul D[[HorowitzPD@state.gov Sunday, March 27, 2011 11:34 PM

Japan-Embassy-Task-Force-DL; JapanEmbassy, TaskForce; Rochman, Daniel A; Wall, Marc M; Luke, Robert S; Sabin, Burritt H; Young, Joseph M; JECC-DL; TaskForce-1 - Japan; zTask Force 1 Mailbox; Tokyo-Consular-Officers-DL; embassynuclearenergyteam@state.gov; CA-Taskforce; Hoffmann, Phillip P; Wiggin, Geoffrey W; Nawn, Jeff; John Peters; Greg Loose; Helen Peterson; TokyoMGMTaskforce; Besmer, Audu M; Robert.Kaproth@do.treas.gov; Basalla, Suzanne I; Fuller, Matthew G; Ries, John N; Dong, Edward K; Greene, Raymond F; Cubas, Jason R; Stewart, Jonas D; Chipman, Alan R; Zumwalt, James P; Alexander, Kathleen J; Angelov, Bonnie A; Ahrens, Rebekah (TDY/CON); Bowman, Tom; Chang, Benjamin; Coleman, Dr. Norm; Gabor, Robert R; Guerin, Peter T; Hancock, Michelle A (TDY/DAO); Harrell, Benjamin L; Howard, E. Bruce; Hughart, Joe; Johnstone, Gregg M; Kelso, Robert D; Mueller, Trov; Petrie, Ronald C; Remick, Alan; Roos, Susie; Sano, Mikako; Schiller, Bryan S; Loose, Duncan, Aleshia D; Foster, Jana (CDC/ONDIEH/NCEH); Telfer, Jana CDC; Aleshia Duncan; Amy Sink OFDA; Cook, William; Smith, Brooke; Cherry, Ronald C; Casto, Chuck; Damian Peko; Duncan, Aleshia D; Foster, Jack; Trapp, James; James Trapp NRC; Joe Hughart OFDA; Monninger, John; Foggie, Kirk; Mears, Jeremy M; Morales, Russell A; Nesheiwat, Julia; Devercelly, Richard; Russ Morales; Tamada, Yoshimi; Kolb,

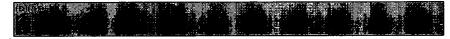
Timothy; Nakanishi, Tony; Ulses, Anthony; Uchida, Koichi

Subject:

RE: CORRECTION: JECC To Remain Standing Until Further Notice

Importance:

High



Thanks,

Paul

(SBUT)

This email is UNCLASSIFIED.

From: Horowitz, Paul D

Sent: Monday, March 28, 2011 11:44 AM

To: Japan-Embassy-Task-Force-DL; JapanEmbassy, TaskForce; Rochman, Daniel A; Wall, Marc M; Luke, Robert S; Sabin, Burritt H; Young, Joseph M; JECC-DL; TaskForce-1 - Japan; zTask Force 1 Mailbox; Tokyo-Consular-Officers-DL; 'embassynuclearenergyteam@state.goy;' CA-Taskforce; Hoffmann, Phillip P; Wiggin, Geoffrey W; Nawn, Jeff; 'John Peters'; 'Greg Loose'; 'Helen Peterson'; TokyoMGMTaskforce; Besmer, Audu M; Robert.Kaproth@do.treas.goy; Basalla, Suzanne I; Fuller, Matthew G; Ries, John N; Dong, Edward K; Greene, Raymond F; Cubas, Jason R; Stewart, Jonas D; Chipman, Alan R; Zumwalt, James P; Alexander, Kathleen J; Angelov, Bonnie A; Ahrens, Rebekah (TDY/CON); Bowman, Tom; Chang, Benjamin; Coleman, Dr. Norm; Gabor, Robert R; Guerin, Peter T; Hancock, Michelle A (TDY/DAO); Harrell, Benjamin L; Howard, E. Bruce; Hughart, Joe; Johnstone, Greeg M; Kelso, Capt. Con; Mueller, Troy; Petrie, Ronald C; Remick, Alan; Roos, Susie; Sano, Mikako; Schiller, Bryan S; USA); Telfer, Jana (CDC/ONDIEH/NCEH); Telfer, Jana CDC; Aleshia Duncan; Amy Sink OFDA; Bill Cook NRC; Brooke Smith NRC; Cherry, Ronald C; Chuck Casto NRC; Damian Peko; Duncan, Aleshia D; Jack Foster NRC; James Trapp; James Trapp NRC; Joe Hughart OFDA; John Monninger NRC; Kirk Foggie NRC; Mears, Jeremy M; Morales, Russell A; Nesheiwat, Julia; Richard Devercelly NRC; Russ Morales; Tamada, Yoshimi; Tim Kolb NRC; Tony Nakanishi NRC; Tony Ulses; Uchida, Koichi Subject: JECC Standing Down, effective 11:00 pm Monday, March 28 (Tokyo time)

Importance: High

BC/274

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Attached for your reference is various contact information for other task forces and working groups at Embassy Tokyo that

Please feel free to forward this email to other USG personnel you think would be interested in receiving this information.

Best regards,

Paul

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Sunday, March 27, 2011 10:44 PM

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Timothy; Nakanishi, Tony; Ulses, Anthony; Uchida, Koichi

Subject: Attachments: JECC Standing Down, effective 11:00 pm Monday, March 28 (Tokyo time)

Health Meeting Contact list phone and email.xlsx; USFJ HADR Contact list 19MAR11.xls;

GOJ contacts.docx; Embassy Japan Nuclear Team 032411.docx; MASTER PHONE

LIST.docx; OFDA USAID DART POCs.docx

Importance:

High



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|   | Mr. Nishikawa, Assistant Chief     | 03-5253-2249   |
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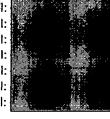
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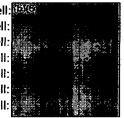
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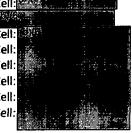
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OMS Nobuko Ikeda x 5389

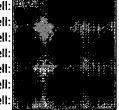
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Bullington, Wendell D - Office: +81-3-3224-5654; Cell



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CDR Andrew H. Collier, USN (1900-07001)

Lt Col Dylan Monaghan, USAF (0700-1900)

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Naha

CG Greene, Raymond F

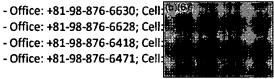
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Rathweg-Weitz, Abbey H.

Whitten, Richard V.

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- Office: +81-98-876-6471; Cell



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Valdes, Andres

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- Office: +81-6-6315-5936; Cell:

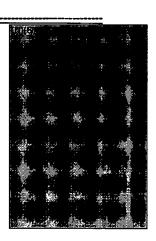


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| EMBASSY:                 |                 | S/RSO |
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| DCM's Office             | +81-3-3224-5968 | ŲSDAO |
| DCM's Residence          | +81-3-3224-5577 | USDAO |
| DEA Office               | +81-3-3224-4112 | USDAO |
| DEA Office FAX           | +81-3-5570-9850 | USDAO |
| ECON Office FAX          | +81-3-3224-5638 | USDAO |
| Legal Attache Office     | +81-3-3224-5961 | USDAO |
| Legal Attache Office FAX | +81-3-3224-5018 | USDAO |
| MDAO                     | +81-3-3224-5964 | USDAO |
| POL Office FAX           | +81-3-3224-5681 |       |



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|                             |                              | USFJ HADR BCAT Roster   |  |
|-----------------------------|------------------------------|---|--|
| BILLET                      | CONTACT NUMBERS              | Members   | ORG BOX EMAIL/NIPR   |
| CAT Chief                   | DSN 225-2469/2708            | COL Hecker(Nights)  | (1)(0)   |
| CAT XO/J3 REP               | DSN 225-2469/2708            |   |  |
| CAT Briefer                 | DSN 225-3126                 | Days - LT Stark; Nights - LT Stiegemeier                                |  |
| J1 Rep                      | DSN 225-4169                 |   |  |
| J2 Rep                      | DSN 225-4377 (225-9799 Duty) | •   |  |
| J3 Rep                      | DSN 225-5230                 |   |  |
| J4 REP                      | DSN 225-4105/225-4110        | LTC Pope, Maj Matusak(Day)/   |  |
| J5 REP                      | DSN 225-4329                 | Multiple Personnel  |  |
| J6 Rep                      | DSN 225-4223                 |   |  |
|                             |                              | ·   | 000000000000000000000000000000000000000  |
| USAID Rep                   | DSN 225-4329/2903            |   | (d)  |
| USEMB Rep (MDAO)            | DSN 225-4250                 |   | NO.  |
| ,, ,                        | DSN 225-4250                 | CDR Collier   | The state of the s |
| AIR WATCH OFFICER           | DSN 225-4537                 | ·   |  |
| GROUND WATCH OFFICER        | DSN 225-3397                 |   |  |
| RFI/IM/KM MANAGER           | DSN 225-2494                 | OS1 Boulware(Day)CPT Nickel   |  |
| HELPDESK SUPPORT J-6        | DSN 225-4510                 | , ,,  |  |
| INTEL DUTY OFFICER          | DSN 225-9799                 |   |  |
| PA .                        | DSN 225-4148/5333            |   |  |
| JO6 LEGAL                   | DSN 225-4509/9987/5723       |   |  |
| TRANSLATORS                 | DSN 225-2419                 |   |  |
| WEAX                        | DSN 225-4377                 |   |  |
| WATCH NCO                   | DSN 225-2419                 |   | <b>Q10</b>   |
| ATFP                        | 484-244-7600                 |   |  |
| CIP                         | CELL (1)(6)                  |   |  |
| EMERG MGT                   | DSN 225-3397                 | LT Galligher(Day) / MAJ McGurl(Night) Days - CAPT Coleman; Nights - CDR | QQ   |
| CNFJ                        | DSN 225-4379/3327            | Collison  |  |
| III MEF BJOCC               | DSN 225-4421/5333/2610       | •   |  |
| USFJ MARITIME WATCH OFFICER | DSN 225-4426/4271            |   |  |
| CTF-76 Battle Watch         | DSN 225-4426                 | LCDR Brinkley (Days)  |  |
|                             | DSN 225-4426                 | CWO3 Kirkland (Days)  |  |
|                             | DSN 225-4426                 | LT White (Nights)   |  |
|                             | DSN 225-4426                 | LT Elles (Nights)   |  |
| CTF-76 LNO                  | DSN 225-4426                 | RDML Landolt  |  |
|                             |                              |   |  |

|                            |                        | · ·                  |
|----------------------------|------------------------|----------------------|
|                            | DSN 225-4426           | CAPT O'Connor        |
|                            | DSN 225-4426           | CDR Holt (N5)        |
|                            | DSN 225-4426           | CDR Hight (N2)       |
|                            | DSN 225-4426           | CDR Buss (N6)        |
| USAR-J LNO                 | DSN 225-2721           | LTC Regginial Barden |
|                            | DSN 225-2721           | MAJ Dan Reichard     |
|                            | DSN 225-2721           | MAJ Moses Lee        |
|                            | DSN 225-2721           | MAJ Roger Castro     |
| JISLNO                     | DSN 225-2555/2470/2471 | CAPT Tanaka          |
|                            | DSN 225-2555/2470/2471 | Mr Machii            |
| J026(FINANCE)              | DSN 225-3137           |                      |
| CUOPS(ORDERS/FRAGOS/TASKS) | DSN 225-2310           |                      |

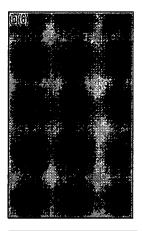
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DSN 225-4994

DSN 225-4148/4054

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CAT MEDICAL
PUBLIC AFFAIRS

JFACC IIIMEF LNO

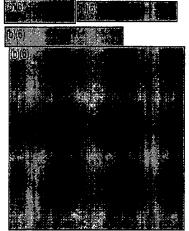




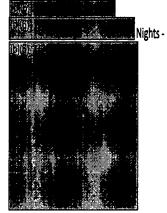
|                             | of diame                     | USFI HADR BCAT Roster   | 7    |
|-----------------------------|------------------------------|---|------|
| BILLET                      | CONTACT NUMBERS              | Members 🖑   |      |
| CAT Chief                   | DSN 225-2469/2708            | COL Hecker(Nights)  |      |
| CAT XO/J3 REP               | DSN 225-2469/2708            |   |      |
| CAT Briefer                 | DSN,225-3126                 | Days - LT Stark; Nights - LT Stiegemeier                                |      |
| J1 Rep                      | DSN 225-4169                 |   | 2000 |
| J2 Rep                      | DSN 225-4377 (225-9799 Duty) | (   |      |
| J3 Rep                      | DSN 225-5230                 |   |      |
| J4 REP                      | DSN 225-4105/225-4110        | LTC Pope, Maj Matusak(Day)/   |      |
| J5 REP                      | DSN 225-4329                 | Multiple Personnel  |      |
| J6 Rep                      | DSN 225-4223                 |   |      |
|                             |                              |   | 2    |
| USAID Rep                   | DSN 225-4329/2903            |   | 20   |
| USEMB Rep (MDAO)            | DSN 225-4250                 | •   | 8    |
|                             | DSN 225-4250                 | CDR Collier   |      |
| AIR WATCH OFFICER           | DSN 225-4537                 | •   |      |
| GROUND WATCH OFFICER        | DSN 225-3397                 |   |      |
| RFI/IM/KM MANAGER           | DSN 225-2494                 | OS1 Boulware(Day)CPT Nickel   |      |
| HELPDESK SUPPORT J-6        | DSN 225-4510                 |   |      |
| INTEL DUTY OFFICER          | DSN 225-9799                 |   |      |
| PA                          | DSN 225-4148/5333            |   |      |
| JO6 LEGAL                   | DSN 225-4509/9987/5723       |   |      |
| TRANSLATORS                 | DSN 225-2419                 |   |      |
| WEAX                        | DSN 225-4377                 |   | _    |
| WATCH NCO                   | DSN 225-2419                 |   |      |
| ATFP                        | 484-244-7600                 | •   | ı    |
| CIP                         | CEL DIS                      |   | 4    |
| EMERG MGT                   | DSN 225-3397                 | LT Galligher(Day) / MAJ McGurl(Night) Days - CAPT Coleman; Nights - CDR |      |
| CNFJ                        | DSN 225-4379/3327            | Collison  |      |
| III MEF BJOCC               | DSN 225-4421/5333/2610       | CONJULI   |      |
| USFJ MARITIME WATCH OFFICER | DSN 225-4426/4271            |   |      |
| CTF-76 Battle Watch         | DSN 225-4426                 | LCDR Brinkley (Days)  |      |
| A o rather timbel           | DSN 225-4426                 | CWO3 Kirkland (Days)  |      |
|                             | DSN 225-4426                 | LT White (Nights)   |      |
|                             | DSN 225-4426                 | LT Elles (Nights)   |      |
| CTF-76 LNO                  | DSN 225-4426                 | RDML Landolt  |      |
| WILL A POLA                 | PV: 660 7760                 | HALLE FOR OUT   |      |











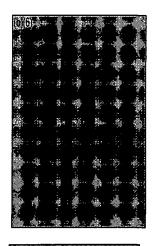
|                            | DSN 225-4426           | CAPT O'Connor        |
|----------------------------|------------------------|----------------------|
|                            | DSN 225-4426           | CDR Holt (N5)        |
|                            | DSN 225-4426           | CDR Hight (N2)       |
|                            | DSN 225-4426           | CDR Buss (N6)        |
| USAR-J LNO                 | DSN 225-2721           | LTC Regginial Barden |
|                            | DSN 225-2721           | MAJ Dan Reichard     |
|                            | DSN 225-2721           | MAJ Moses Lee        |
|                            | DSN 225-2721           | MAJ Roger Castro     |
| JJS LNO                    | DSN 225-2555/2470/2471 | CAPT Tanaka          |
|                            | DSN 225-2555/2470/2471 | Mr Machii            |
| JO26(FINANCE)              | DSN 225-3137           |                      |
| CUOPS(ORDERS/FRAGOS/TASKS) | DSN 225-2310           | ·                    |
| DTRA                       | DSN 225-2303           |                      |
|                            |                        |                      |

DSN 225-4148/4054

DSN 225-4994

CAT MEDICAL PUBLIC AFFAIRS

JFACC IIIMEF LNO





# Japan Embassy Nuclear Team

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| NRCJapan Team         | 4.6                      |            |                                       |                                   |
| Room II               |                          |            |                                       |                                   |
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| Dali Dollilali        | Deh. nii., MM33          |            |                                       | <u>Dan.Dorman@nrc.gov</u>         |
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|                       | Office of NRC Chairman   |            |                                       |                                   |
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| Brooke Smith       | International policy analyst    |              |              | Brooke.smith@nrc.gov       |
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| DAIT &             |                                 |              |              |                            |
| Joe Hughart        |                                 |              |              | joseph.hughart@foh.hhs.gov |
|                    |                                 |              |              | <u>ihughart@ofda.gov</u>   |
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| Dor/USI/New Refer  |                                 |              |              |                            |
| Ken Spurlock       |                                 |              |              |                            |
| LTC Andrae Brooks  | USFJ Liaison                    |              |              |                            |
| MAJ Keith Simmers  | USFJ Liaison                    |              |              |                            |
| Darrel DeHaven     | Senior NR Rep, Yokosuka         |              |              | 2000年                      |
| Thomas Murphy      | Rad. Controls Dir., Puget       |              |              |                            |
|                    | Sound Naval Shipyard            |              |              |                            |
| Bryan Moyers       | Liaison Dir., Submarine         |              |              |                            |
|                    | Group Seven                     | <b>*</b>     |              |                            |

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| Japan <mark>E</mark> mbassy <b>Gomma</b><br>JECC Gneil: <u>Japan Emba</u> | ssyllaskkorce@state.gov |   |              |  |
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| rel 4 Main 03/3224/55   | 30 Fax 03 3224 5131     |   |              |  |
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| Emergency Action Officer  | ·                       |   | 03 3224 5533 |  |
| Editor  |                         |   | 03 3224 5542 |  |
| Public Affairs<br>Coordinator   |                         | · | 03 3224 5543 |  |
| Operations<br>Assistant   |                         |   | 03 3224 5530 |  |
| Japanese Press  |                         |   | 03 3224 5532 |  |
| Monitor   |                         |   |              |  |
| Additional<br>Line  |                         |   | 03 3224 5534 |  |

# **DOE Nuclear Incident Team**

Tel: DOF FOC 202-586-8100

Email:

**NRC HQ Ops Center** Tel: 301-816-5100

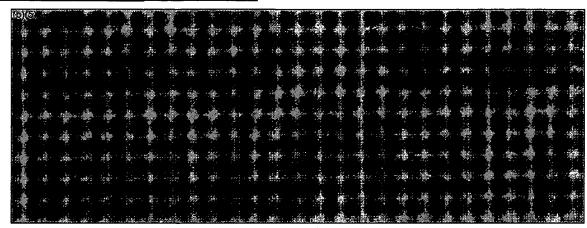
State Department Task Force

Tel. for State crisis management: 202-647-6611

Email: TaskForce-1@state.gov

# **OFDA/DART Team Information**

# **Current Location of USAID/DART Staff**



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OFDA Information Officer Erin Magee

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OFDA Amy Sink +81-3-3224-5016

Email:

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James Trapp, NRC

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James.trapp@nrc.gov

Tony Ulses, NRC 301-452-7404

Email: Anthony.Ulses@nrc.gov

Alan Remick, DOE

571-435-6899 Email: Digital Control of the control

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Joe Hughart, HHS 404-772-7337

# **<u>DOE Energy Attaché</u>** (DOE Reactor Team is currently located in these offices)

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Energy Attaché
Director, DOE Japan Office
U.S. Embassy Tokyo
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Fax +81-3-3224-5769
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Aleshia Duncan
Energy Attaché
DOE Japan Office
U.S. Embassy Tokyo
Tel. +81-3-3224-5475
Fax +81-3-3224-5769
Cell

Email: DuncanAD@state.gov

### Weaver, Tonna

From:

Monninger, John

Sent:

-Monday, March 28, 2011 2:45 AM

To:

LIÃ07 Hoc; Liaison Japan; BurrisRE@INPO.org; inpoercassistance@inpo.org; Hochevar@inpo.org; NielsonFM@inpo.org; matthew.gooder@exeloncorp.com

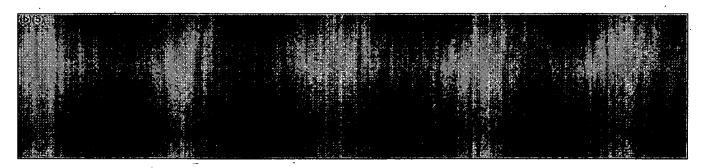
Cc:

-Dorman, Dan; Casto, Chuck

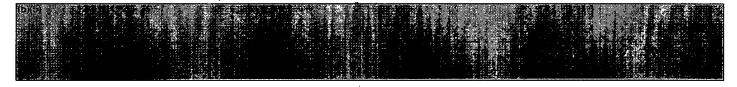
Subject:

RE: GOJ requests Hydraulic hoses with couplers & radioactive shielding for vehicles as well

as additional protective clothing



Contact at TEPCO: Mr. Hijikata +81 3 6373 4905



John Monninger

NRC



From: LIA07 Hoc

Sent: Sunday, March 27, 2011 7:41 PM

To: Liaison Japan

Subject: RE: GOJ requests Hydraulic hoses with couplers & radioactive shielding for vehicles as well as additional

protective clothing

FYI

From: Burris, Rick E (INPO) [mailto:BurrisRE@INPO.org] On Behalf Of INPOERCAssistance

Sent: Sunday, March 27, 2011 7:21 PM

To: LIA07 Hoc

Cc: McCarthy, James H.; Hochevar, Albert R. (INPO); Nielsen, Rick M (INPO); matthew.gooder@exeloncorp.com Subject: RE: GOJ requests Hydraulic hoses with couplers & radioactive shielding for vehicles as well as additional?

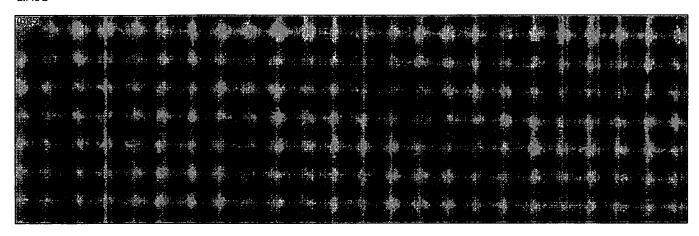
protective clothing



Context of e-mail I received:

"INPO may be of assistance as they have US industry and licensee contacts. Contact info inpoercassistance@inpo.org, 770-644-8118.")

### LIA01



Best regards,

Rick Burris

Richard E. Burris Institute of Nuclear Power Operations Senior Representative Entergy Nuclear Fleet Senior Representative

(770) 644-8634 (Office) (Mobile)

From: LIA07 Hoc [mailto:LIA07.Hoc@nrc.gov] Sent: Sunday, March 27, 2011 6:52 PM

To: HOO Hoc; OST01 HOC; OST02 HOC; OST03 HOC

Cc: INPOERCAssistance

Subject: RE: GOJ requests Hydraulic hoses with couplers & radioactive sheilding for vehicles as well as additional

rprotective clothing

All,



Thank you, Nichole

**Subject:** RE: GOJ requests Hydraulic hoses with couplers & radioactive shellding for vehicles as well as additional rprotective clothing

Brian, Lynda:

INPO may be of assistance as they have US industry and licensee contacts. Contact info linpoercassistance@inpo.org, For the last week or so they have been filtering all technical offers of assistance, prioritizing them, and facilitating as necessary. They should have a list of items (hoses, couplings, protective suits) that are available.

Michael I. Dudek
US Nuclear Regulatory Commission

From: Brendel, Brian D[mailto:BrendelBD@state.gov] On Behalf Of zTask Force 1 Mailbox

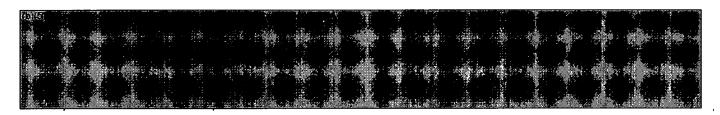
Sent: Sunday, March 27, 2011 2:56 PM

To: JapanEmbassy, TaskForce; RMTPACTSU\_RM; zTask Force 1 Mailbox; RMT\_PACTSU

Subject: RE: GOJ requests Hydraulic hoses with couplers & radioactive shellding for vehicles as well as additional

rprotective clothing

Regarding Hydraulic hoses and couplers (couplings?):



Brian

From: JapanEmbassy, TaskForce

Sent: Sunday, March 27, 2011 10:42 AM

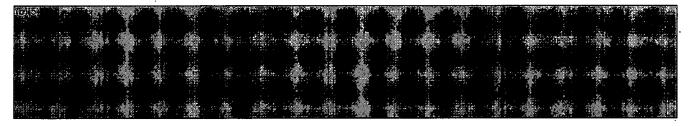
To: 'RMTPACTSU\_RM'; zTask Force 1 Mailbox; RMT\_PACTSU

Cc: JapanEmbassy, TaskForce

Subject: RE: GOJ requests Hydraulic hoses with couplers & radioactive sheilding for vehicles as well as additional

rprotective clothing

We received the following information from the NRC team in Tokyo:



on behalf of the Japan Emergency Command Center,



Lynda Hinds
Staff Assistant to Ambassador John V. Roos
U.S. Embassy
1-10-5 Akasaka, Minato-ku
Tokyo 107-8420
(03) 3224- 5370

Twitter.com/AmbassadorRoos



### This email is UNCLASSIFIED.

From: RMTPACTSU\_RM [mailto

Sent: Sunday, March 27, 2011 11:39 PM To: zTask Force 1 Mailbox; RMT\_PACTSU

Cc: JapanEmbassy, TaskForce

Subject: RE: GOJ requests Hydraulic hoses with couplers & radioactive shellding for vehicles as well as additional

rprotective clothing



From: Brendel, Brian D mailto:BrendelBD@state.govi On Behalf Of zTask Force 1 Mailbox

Sent: Sunday, March 27, 2011 9:37 AM

To: RMTPACTSU\_RM; zTask Force 1 Mailbox; RMT\_PACTSU

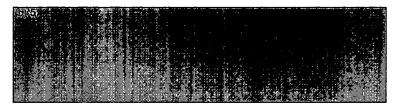
Cc: JapanEmbassy, TaskForce

Subject: RE: GOJ requests Hydraulic hoses with couplers & radioactive sheilding for vehicles as well as additional

rprotective clothing

Dear RMT colleagues,

I am hoping to have an update on the following for today's phone call with Ambassador Fujisaki:



Brian Brendel

TaskForce switchboard: 202-647-6611

P.S. The task force still does have real live people staffing it, especially on our night shift 11:00 PM – 7:00 AM

From: RMTPACTSU\_RM [mailto

Sent: Saturday, March 26, 2011 2:55 PM To: zTask Force 1 Mailbox; RMT\_PACTSU

Subject: RE: GOJ requests Hydraulic hoses with couplers & radioactive sheilding for vehicles as well as additional

rprotective clothing

(NO) ...thanks...Justin

From: Brendel, Brian D[mailto:BrendelBD@state.gov] On Behalf Of zTask Force 1 Mailbox

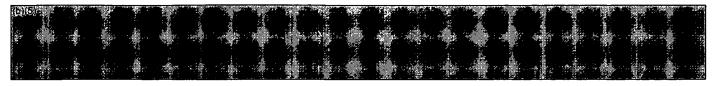
Sent: Saturday, March 26, 2011 2:47 PM

To: RMT\_PACTSU

Subject: FW: GOJ requests Hydraulic hoses with couplers & radioactive sheilding for vehicles as well as additional

rprotective clothing

### Dear RMT (I believe this is your correct email, please confirm):



From: Green, Christopher L

**Sent:** Saturday, March 26, 2011 12:40 PM **To:** Zumwalt, James P; Campbell, Kurt M

Cc: TaskForce-1 - Japan; JapanEmbassy, TaskForce; Loi, James L; Patel, Nirav S; EAP-J-Office-DL; Tong, Kurt W;

Donovan, Joseph R

Subject: 03 26 11 Donovan-Fujisaki meeting notes 1100

A/S Campbell, Jim,

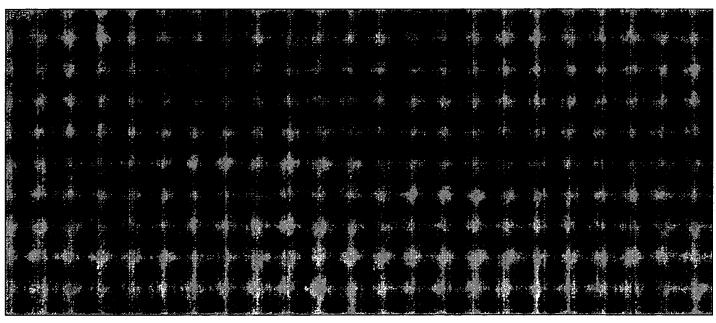
Here are the call notes and action items from today's 11:00 a.m. call with Ambassador Fujisaki.

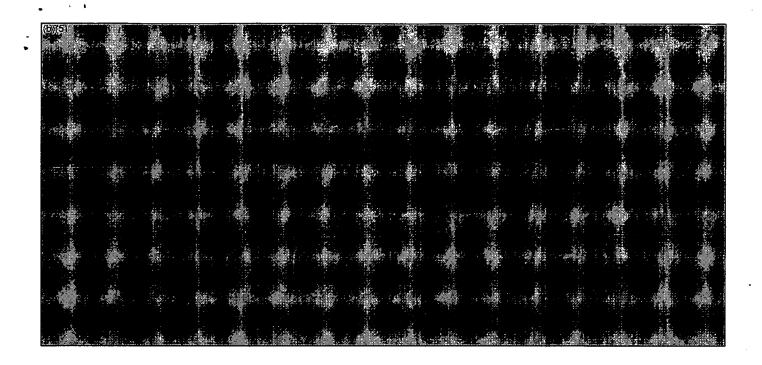
Regards, Christopher

Christopher Green
Office of Japan Affairs
U.S. Department of State
Tel: (202) 647 2914

||Fax: (202) 647 4402

# PDAS Donovan call notes with Ambassador Fujisaki, March 26, 1100 And Action Items





# TSBU

This email is UNCLASSIFIED.

### .DISCLAIMER:

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Thank you.

### Weaver, Tonna

From: Sent: Nakanishi, Tony

Sent:

Monday, March 28, 2011 5:03 AM

To: Subject: LIA02 Hoc; Liaison Japan

Attachments:

Fw: NRC Meetings for March 28, 2011

: 20110328\_1FSurveyMap.ppt

---- Original Message ----

From: 佐藤 隆 <satoh.takashi@tepco.co.jp>

To: Nakanishi, Tony

Sent: Mon Mar 28 04:52:27 2011

Subject: Re: NRC Meetings for March 28, 2011

Dear Tony,

Sorry for being late.

Here is the dose map of Fukushida-Daiíchi site.

Best regards,

Takashi Sato TEPCO

東京電力株式会社

本店 原子力・立地業務部

原子力企画グループマネージャー

佐藤 隆(Takashi Sato)

〒100-8560 東京都千代田区内幸町1-1-3

TEL: 03-6373-4721 FAX: 03-3596-8538

E-Mail: satoh.takashi@tepco.co.ip

---- Original Message ----

From: "Nakanishi, Tony" < Tony. Nakanishi@nrc.gov >

To: <bannai-toshihiro@meti.go.jp>; ""?? ?"" <satoh.takashi@tepco.co.jp>

Cc: "nei-hisanori" <nei-hisanori@meti.go.jp>; "Dorman, Dan"

<<u>Dan.Dorman@nrc.gov</u>>; "Monninger, John" <<u>John.Monninger@nrc.gov</u>>; "Foggie, Kirk"

< Kirk.Foggie@nrc.gov>; "Scott, Michael" < Michael.Scott@nrc.gov>; "Smith, Brooke"

<Brooke.Smith@nrc.gov>

Sent: Monday, March 28, 2011 9:04 AM

Subject: RE: NRC Meetings for March 28, 2011

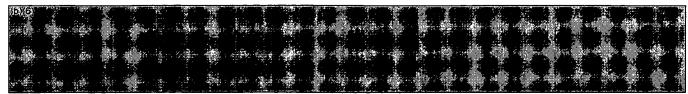
- > Bannai-sama, Sato-sama,
- > Please find the attached document with the schedule for NRC meetings
- > today.

>

> Best Regards,

>

BC/279

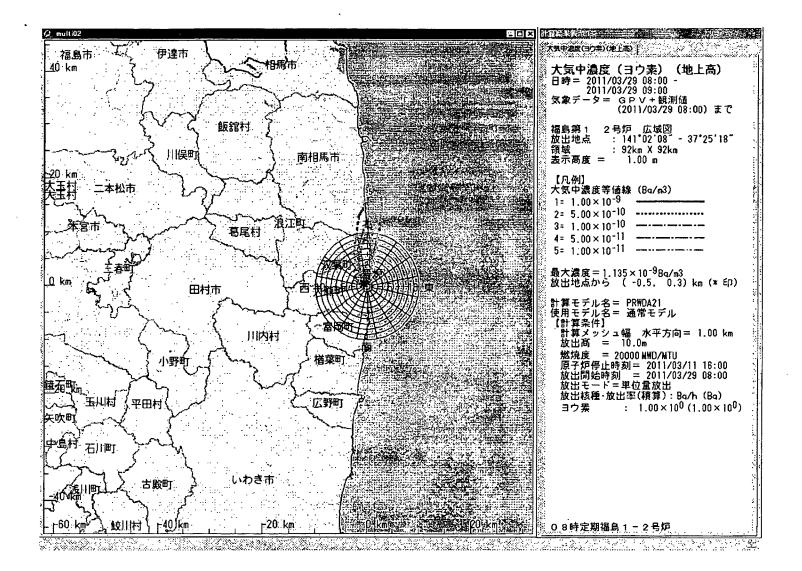


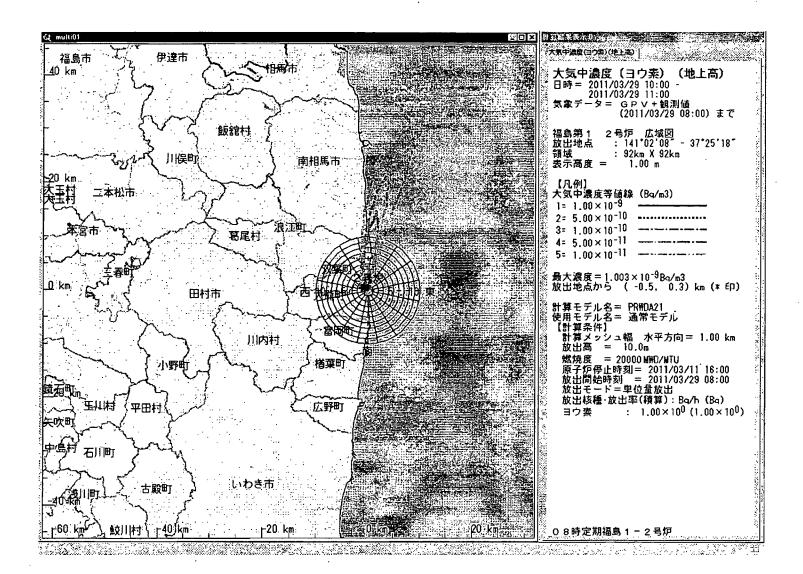
Subject: 3/29 08時SPEEDI単位量放出図形イメージの送付

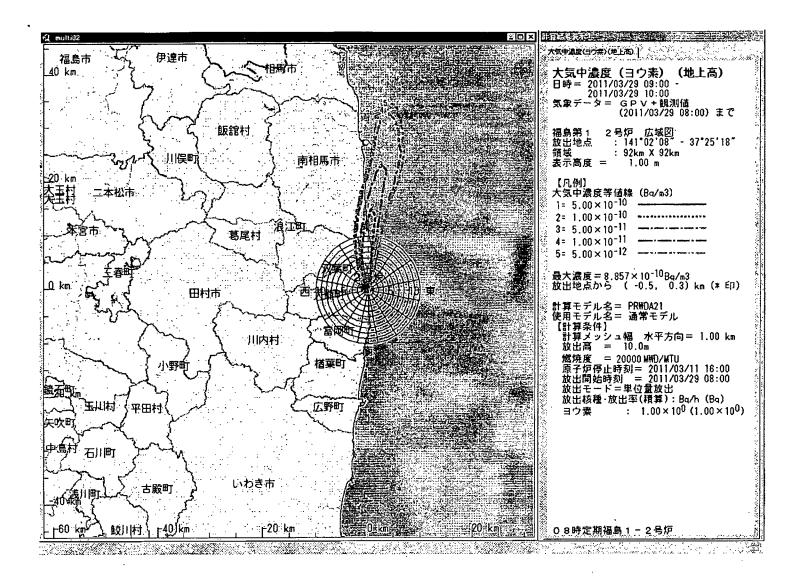
# 関係者各位

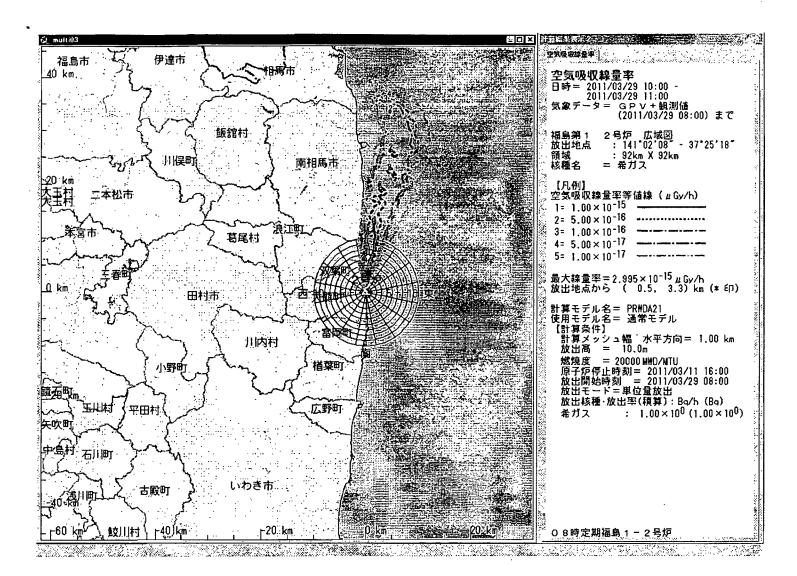
お世話になっております。 原子力安全技術センター SPEEDI担当です。 3/29 08時のSPEEDI単位量放出図形のイメージデータを送付致します。 ご確認のほど、よろしくお願い致します。

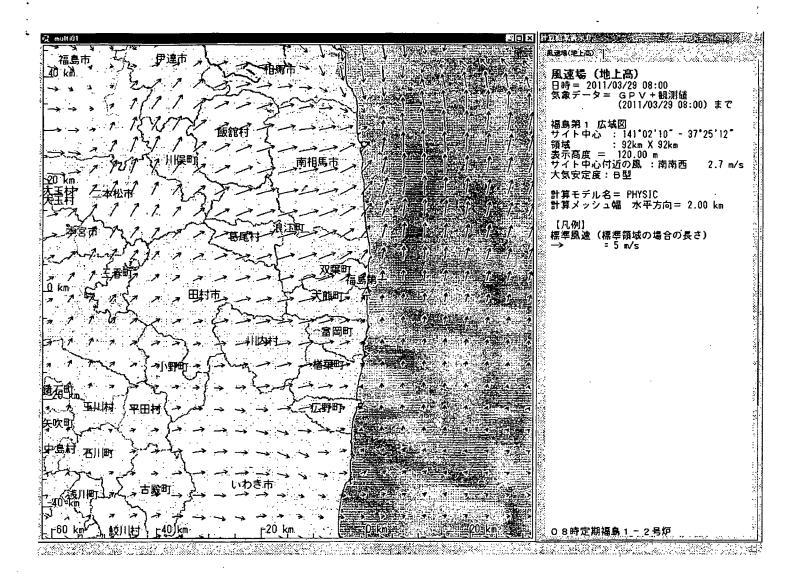
Please find attached 08:00[29-Mar] SPEEDI Data NUSTEC











### Weaver, Tonna

From: Sent:

Berger, Claire [BergerMC@state.gov] Monday, March 28, 2011 9:00 PM

To:

Alan Remick DOE; Aleshia Duncan; Amy Sink OFDA; Cook, William; Bisconti, Giulia; Brian Lewis, Smith, Brooke, Bryan Moyers Liaison Dir Submarine Group Seven, Cherry, Ronald C; Casto, Chuck; Courtney Brown; Damian Peko; Dorman, Dan; Daniel Blumenthal; Darrel DeHaven, Senior NR Rep Yokosuka; Dudley, Katherine F; Duncan, Aleshia D; Howard, E. Bruce; Foster, Jack; Trapp, James; James Trapp NRC; Jessica Webster; Joe Hughart HHS; Joe Hughart OFDA; Monninger, John; Johnstone, Gregg M; Ken Spurlock; Foggie, Kirk; Lewis, Brian M (TDY/RSO); LTC Andrae Brooks; MAJ Keith Simmers; Mears, Jeremy M; Morales, Russell A; Devercelly, Richard; Russ Morales; Thomas Murphy, Rad Controls Dir. Puget Sound Navel; Nakanishi, Tony, Ulses, Anthony; Webster, Jessica M (TDY/ECN)

Cc:

Abbot, Charles Spencer (TDY/DAO); Avecilla, Juan T. Basalla, Suzanne I; Bishop, Christopher W; Bowman, Thomas I (TDY/HU); Brown, Benjamin A; Burleson, Edward C; Chadwick, Michael J; Chen, Perry Y; Cherry, Ronald C; Chipman, Alan R; Christopher, William W. Cipullo, Timothy L. Coleman, C. Norman (TDY/HU); Cooper, Justin D. Cubas, Jason R: Debottis, Jaime L: Dieker, Mark S: Dong, Edward K: Ehrendreich, Joel (TDY/CON): Engstrom, Aaron; Fitzgerald, Paul M; Forbes, James A; Forsberg, Aaron P; Fukuoka

Americans; Fuller, Matthew G; Greene, Raymond F; Han-Quinlan, Chin H (TDY/ECN); Hinds, Lynda J; Hotz, Raymond E; Jenks, Darrell A; Kaneshiro, Claire K; Kelso, Robert D; Lambert. Mark B (TDY/POL); Lee, Ti-Ying; Leong, Aaron H (TDY/MDAO); Lewis, Brian M (TDY/RSO); Loy, James R; Luke, Robert S; Lyons, Thomas H; Martin, Timothy W; McConnell, Ann B; Mears, Jeremy M; Mei, Richard X; Miller, Beau J (TDY/PAS); Mueller, Troy J (TDY/DAO); Nagoya-Americans-DL; Naha Americans; Nawn, Jeff; Nicodemus, Amy L; O'Connor, Matthew

E; Osaka-Kobe All State Americans; Rathweg-Weitz, Abbey H; Ries, John N; Roberts, Richard M; Rochman, Daniel A (TDY); Ryan, Emmett Jerome; Sakurai, Joy M; Sapporo Americans; Sauer, David M; Schiller, Bryan S; Schiller, Bryan S (TDY/RSO); Shelbourn, Brian L; Sim, Hyon B; Snider, Marc A; Stewart, Bruce J; Stewart, Jonas D; Sullivan, Harry R; Tarver, William A (TDY/PAS); Telfer, Jana L (TDY/HU); Thommen, Robert M; Thur, Randolph R (TDY/RSO); Tilman, Justin E; TOKYO ECON Americans; TOKYO POL Americans; Tokyo-Visa-Officers-DL; Utschig, Andrew S; Wakahiro, Gary S; Walker, Jon W; Walls, Justin T (TDYWallsJT); Washburn, Lisa L; Watnik, Eric (TDY/PAS); Whitney, Thomas C; Whitten, Richard V; Wuebbels, Mark C; Young, Joseph M; Zumwalt, James P; Angelov, Bonnie A;

JapanEmbassy, TaskForce

Subject: Attachments: Embassy Nuclear Energy Team - updated email distro & contact list

Embassy Nuclear Energy Team: Embassy Japan Nuclear Team 032911.docx

Claire Berger

\_SBU-

This email is UNCLASSIFIED.

BC) 28C

## Japan Embassy Nuclear Team

| Name                    | Position/Function        | Cell Phone   | Office Phone | Email   |
|-------------------------|--------------------------|--|--------------|---|
| DOE 1                   |                          |  |              |   |
| Ron Cherry              |                          |  | 3224-5444    | CherryRC@state.gov  |
| Aleshia Duncan          |                          |  | 3224-5475    | <u>DuncanAD@state.gov</u>   |
|                         |                          | ingura   |              | Aleshia.Duncan@nuclear.energy.gov                                   |
| Koichi Uchida           |                          | (C) 1/2  | 3224-5476    | UchidaKX@state.gov  |
| Yoshimi Tamada          |                          |  | 3224-5478    | TamadaYX@state.gov  |
| Damian Peko             | NRC Team support         |  | 3224-5478    | Damian.Peko@Nuclear.Energy.gov                                      |
| Giulia Bisconti         | NRC Team support         |  | 3224-5478    | Giulia.bisconti@hq.doe.gov  |
| Arial Monitoring System | ns (AMS) Japan Jeam 🔧 🖠  |  |              |   |
| Room 4037               |                          |  |              |   |
| Tel: 03-3224-5046       | AMS Liaison              |  |              |   |
| Deborah Wilber          | Alvio Lidiodii           |  |              | dwilber@hughes.net  |
| Courtney Brown          | AMS Liaison              |  |              | cobrown@ofda.gov  |
| Dan Blumenthal          | AMS Team Leader          |  |              | (a)(6) (a)(a)(b) (a)(a)(b) (b)(b)(b)(b)(b)(b)(b)(b)(b)(b)(b)(b)(b)( |
| NRCJapan Team           | AND TOUR LEADER          |  |              |   |
| Room 1F.                |                          |  | erolleten es |   |
| Tel: 03-3224-5064       |                          |  |              |   |
| Chuck Casto             | NRC Team Leader          | 0001   |              | Chuck.casto@nrc.gov   |
| Dan Dorman              | Dep. Dir., NMSS          | A construction of the second o |              | Dan.Dorman@nrc.gov  |
| John Manninger          | Deputy Chief of Staff,   |  |              | John.monninger@nrc.gov  |
| John Monninger          | Office of NRC Chairman   |  |              | John, morninger which gov   |
| James Trapp             | Integrated plant         |  | 240-281-8249 |   |
|                         | operations specialist    |  |              | James. Trapp@nrc.gov  |
| Tony Ulses              | BWR systems specialist   |  |              | Anthony.Ulses@nrc.gov   |
| Tony Nakanishi          | Reactor systems engineer |  |              | Tony.nakanishi@nrc.gov  |
| Jack Foster             | Chief, Licensing Branch  |  | 301-204-2078 | Jack.foster@nrc.gov   |

## Japan Embassy Nuclear Team

| William (Bill) Cook | Senior reactor analyst       | 00                                       |              | William.cook@nrc.gov       |
|---------------------|------------------------------|--|--------------|----------------------------|
| Richard Devercelly  | Reactor tech. instructor     |  | 240-475-7203 | Richard.devercelly@nrc.gov |
| Kirk Foggie         | International relations      |  |              | Kirk.foggie@nrc.gov        |
|                     | officer                      |  |              |                            |
| Brooke Smith        | International policy analyst |  |              | Brooke.smith@nrc.gov       |
| 003 :- 45 - 35      |                              |  |              | 79.77.                     |
| Bruce Howard        |                              |  | 3224-5496    | HowardEB@state.gov         |
| Jessica Webster     | NRC Team support             | N/A                                      |              | TDYWebsterJM@state.gov     |
| Russ Morales        | NRC Team support             | (a) (b)                                  | 3224-5459    | MoralesRA@state.gov        |
|                     |                              |  |              | Russ@earthtabi.com         |
| Jeremy Mears        | NRC Team support             | Track to the                             | 3224-5853    | MearsJM@state.gov          |
| Gregg Johnstone     | AMS Team support             |  | 3224-5599    | JohnstoneGM@state.gov      |
| Katherine Dudley    | AMS Liaison to MOFA          |  | 3224-5340    | <u>DudleyKF@state.gov</u>  |
| Brian Lewis         | DOS, Dep. Dir., Foreign      |  |              | TDYLewisBM@state.gov       |
|                     | Consequence Mgmt             |  |              | LewisBM@fcmp.org           |
|                     |                              |  |              |                            |
| Joe Hughart         |                              | (00)                                     |              | joseph.hughart@foh.hhs.gov |
|                     |                              | Winds and a second                       |              |                            |
| Amy Sink            | NRC Team support             |  |              |                            |
| DoD/USF/Arel Refer  | 00                           |  |              |                            |
| Ken Spurlock        |                              |  |              | 0,0                        |
| LTC Andrae Brooks   | USFJ Liaison                 | (0)(6)                                   |              |                            |
| MAJ Keith Simmers   | USFJ Liaison                 | - as |              |                            |
| Darrel DeHaven      | Senior NR Rep, Yokosuka      |  |              |                            |
| Thomas Murphy       | Rad. Controls Dir., Puget    | 5, 2                                     |              |                            |
|                     | Sound Naval Shipyard         |  |              |                            |
| Bryan Moyers        | Liaison Dir., Submarine      |  |              |                            |

## Japan Embassy Nuclear Team

|  | Group Seven  | ·            |  |
|--|--|--------------|--|
| Japan Embassy Comma<br>JECGemail Japan Emba<br>Tell Main 03 322455 | nd Center  SSylaskiorce@state.gov  30 Figure 633 3224 5331 |              |  |
| Senior Team<br>Leader  |  | 03 3224 5531 | We will be a second of the control o |
| Emergency Action Officer   |  | 03 3224 5533 |  |
| Editor   |  | 03 3224 5542 |  |
| Public Affairs<br>Coordinator                                      | ·  | 03 3224 5543 |  |
| Operations<br>Assistant  |  | 03 3224 5530 |  |
| Japanese Press   |  | 03 3224 5532 |  |
| Monitor  |  |              |  |
| Additional<br>Line   |  | 03 3224 5534 |  |

### DOE Nuclear Incident Team

Tel: DOE EOC 202-586-8100

Email: Distance France Service

### NRC HQ Ops Center

Tel: 301-816-5100

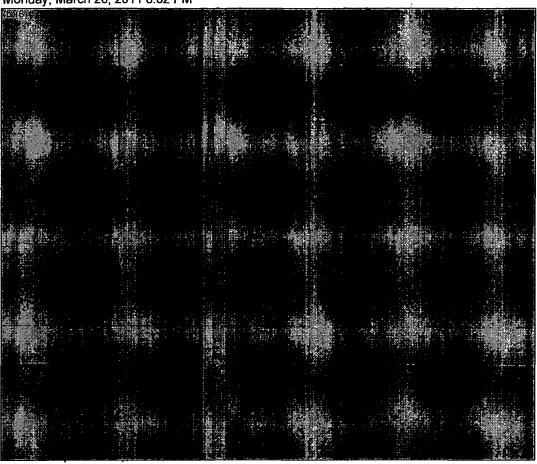
### State Department Task Force

Tel. for State crisis management: 202-647-6611

Email: <u>TaskForce-1@state.gov</u>

From: Sent: To:

JapanEmbassy, TaskForce [JapanEmbassyTaskForce@state.gov] Monday, March 28, 2011 8:02 PM



Subject: Attachments: 3/29, 08:00 SPEEDI Data

FUKUSHIMA1 air concentrationüi08-09hüj.gif, FUKUSHIMA1 air concentrationüi09-10hüj.gif, FUKUSHIMA1 air concentrationüi10-11hüj.gif; FUKUSHIMA1 air doseüi08-09hüj.gif; FUKUSHIMA1 air doseüi09-10hüj.gif; FUKUSHIMA1 air doseüi10-11hüj.gif; FUKUSHIMA1 wind(08hüj.gif

Attached please find 3/29, 08:00 SPEEDI Data.

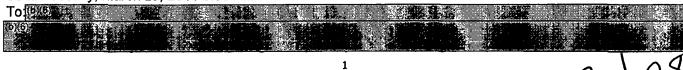
SBU

This email is UNCLASSIFIED

Naomi Walcott **Emergency Action Officer** Japan Emergency Command Center U.S. Embassy Tokyo

----Original Message----

From: nustec [mailto:spd01@nustec.or.jp] Sent: Tuesday, March 29, 2011 8:36 AM



- > Tony Nakanishi > USNRC

From:

Nakanishi, Tony

Sent:

Tuesday, March 29, 2011 4:17 AM

To:

Liaison Japan

Subject:

For tomorrow's 11 am NISA/TEPCO meeting

Attachments:

1F1 Status Assessment.pptx

#### Mike,

Attached summarizes the NRC and NISA positions on the status of 1F1-1F4. Please let me know if anything in the attached needs to change.

Tony

BC/282

# Assessments of 1F1 Units 1-4

SFP

No evidence supporting fuel

damage

| <u>Unit 1</u> | NISA                                  | NRC   | Comment  |
|---------------|---------------------------------------|---|--|
| RPV           | Intact                                | Intact  |  |
| Containment   | Intact                                | Intact  |  |
| Core          | Damaged                               | Damaged   |  |
| SFP           | Not damaged                           | Not damaged   | NISA assessment based on thermal image and video             |
| Unit 2        | NISA                                  | NRC   | Comment  |
| RPV           | No evidence supporting lost integrity | Damaged   |  |
| Containment   | Damaged                               | Damaged   |  |
| Core          | Damaged                               | Damaged   |  |
| SFP           | Not damaged                           | Not damaged   | NISA assessment based on thermal image and video             |
| Unit 3        | <u>NISA</u>                           | NRC   | Comment  |
| RPV .         | Damaged                               | Damaged   | NRC does not understand NISA's basis (300C FW nozzle temp)   |
| Containment   | Damaged                               | Damaged   | NRC does not understand NISA's basis (400C Containment temp) |
| Core          | Damaged                               | Damaged   |  |
| SFP           | Not damaged                           | Indeterminate – insufficient data to reach conclusion | NISA assessment based on thermal image and video             |
| Unit 4        | NISA                                  | NRC   | Comment  |

Damaged – H2 generated from

zirconium-steam reaction

NISA assessment based on thermal image

and video

From:

Carlson, Donald

Sent:

Tuesday, March 29, 2011 7:22 AM

To:

Wagner, John C.; Parks, Cecil V.; Hopper, Calvin Mitchell; Lee, Richard; Wood, Kent;

VanWert, Christopher

Cc:

Scott, Michael; Ulses, Anthony; Yarsky, Peter; Giessner, John; Taylor, Robert; Gehin, Jess C.;

Mueller, Don; Marshall, William BJ J.

Subject:

RE: Support for Japan - SFP Criticality Potential Update

Importance:

High

John,

Thank you so very much.

I of course agree with your new statement as well as your comments and questions and especially appreciate the additional information and considerations noted in your presentation.

FYI - I was not aware until now of any TEPCO information provided via EPRI and NEI. I will now try to confirm with RST members that they have the same information summarized in your presentation and will let you know if they have anything else. That limited information is indeed confusing.

Thanks again,



From: Wagner, John C. [mailto:wagnerjc@ornl.gov]

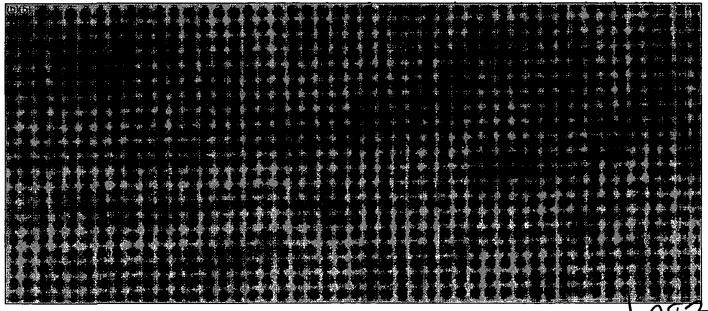
Sent: Monday, March 28, 2011 11:32 PM

To: Carlson, Donald; Parks, Cecil V.; Hopper, Calvin Mitchell; Lee, Richard; Wood, Kent; VanWert, Christopher

Cc: Scott, Michael; Ulses, Anthony; Yarsky, Peter; Giessner, John; Taylor, Robert; Gehin, Jess C.; Mueller, Don; Marshall,

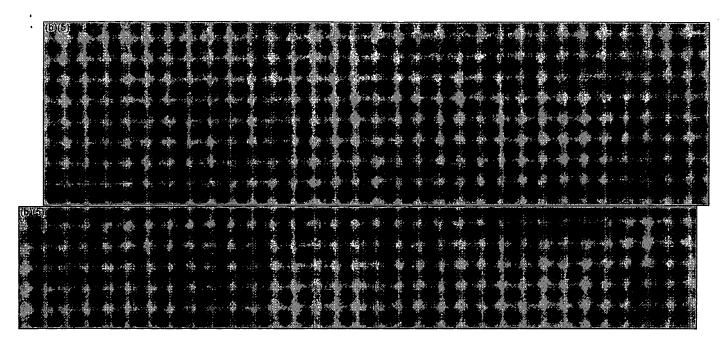
Subject: RE: Support for Japan - SFP Criticality Potential Update

Don,

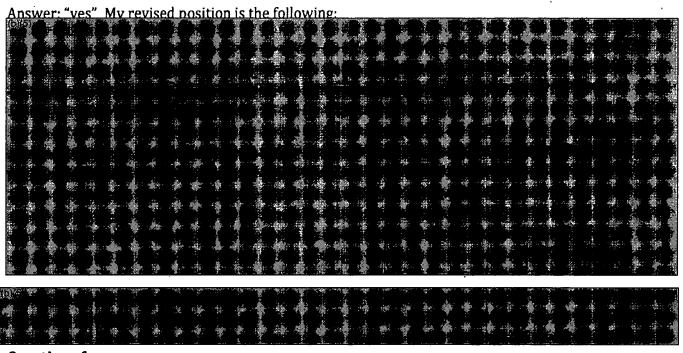


BC/282

1



So, coming back around to your specific question: Do we now see a need to modify or expand the above technical opinion? If so, how?



If you have any questions whatsoever, please do not hesitate to call me at any time - day or night - on my mobile number.

Best Regards,

John C. Wagner, PhD

Oak Ridge National Laboratory

Phone: (865) 241-3570

Mobile:

**From:** Carlson, Donald [mailto:Donald.Carlson@nrc.gov]

Sent: Monday, March 28, 2011 9:14 PM

To: Wagner, John C.; Parks, Cecil V.; Hopper, Calvin Mitchell; Lee, Richard; Wood, Kent; VanWert, Christopher

Cc: Scott, Michael; Ulses, Anthony; Yarsky, Peter; Giessner, John; Taylor, Robert

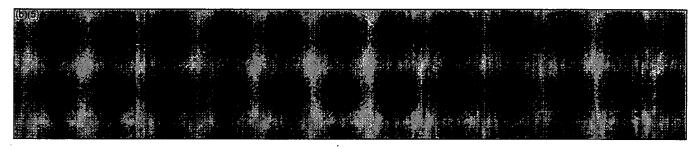
Subject: RE: Support for Japan - SFP Criticality Potential Update -

Importance: High

All.

Rob Taylor (NRC/NRR, on Cc) called from Japan to revisit the Unit 4 pool criticality issue. He provides the following details:

- Unit 4 racks are not borated
- Switching to unborated fresh water injection on 3/29
- Shutdown last November with 1/3 of the core offload being 1st cycle fuel
- 204 fresh fuel assemblies were present in the pool
- Japanese concerns that the racks may have shifted
- Fuel damage due to uncovery



Question: Do we now see a need to modify or expand the above technical opinion? If so, how?

Responses or questions provided by 10:00am EST Tuesday would be especially appreciated.

As always, your help and advice is deeply appreciated.

Best regards,

Don

Donald E. Carlson

NRO/ARP/ARB1 Cell

Office: 301-415-0109

From: Taylor, Robert

Sent: Monday, March 28, 2011 6:59 PM

To: Carlson, Donald; Brown, Frederick

Cc: Scott, Michael; Wood, Kent; Ulses, Anthony; Yarsky, Peter; VanWert, Christopher; Giessner, John

Subject: RE: Support for Japan - SFP Criticality Potential

Don.

The RST has given us their bridge line for a call at 2000 EST.

301-816-5120 Passcode



Info for consideration during the call:

Unit 4 racks are not borated
Switching to fresh water injection on 3/29
Shutdown last November with 1/3 of the core offload being 1st cycle fuel 204 fresh fuel assemblies were present in the pool
Japanese concerns that the racks may have shifted.
Fuel damage due to uncovery

Regards, Rob

From: Carlson, Donald

**Sent:** Monday, March 28, 2011 6:23 PM **To:** Taylor, Robert; Brown, Frederick

Cc: Scott, Michael; Wood, Kent; Ulses, Anthony; Yarsky, Peter; VanWert, Christopher; Giessner, John

Subject: RE: Support for Japan - SFP Criticality Potential

Rob.

It would be helpful to get some confirmation/clarification on which pools are of most concern and their respective rack designs and fuel loadings.

The core off-load in the Unit 4 pool was the main concern when we provided the technical opinion over a week ago, with the preliminary understanding that those racks were of borated stainless steel and not high-density.

FYI – When I call your cell phone number, AT&T says more information is needed, then asks to enter the number again to leave a voice message, and then says the voice mailbox has not been set up.

My cell phone number is Or I can plan to report to the RST at 2000 EDT or 0530 EST. Please let me know how I can best help.

Thanks, Don

From: Taylor, Robert

**Sent:** Monday, March 28, 2011 5:59 PM **To:** Carlson, Donald; Brown, Frederick

Cc: Scott, Michael; Wood, Kent; Ulses, Anthony; Yarsky, Peter; VanWert, Christopher; Giessner, John

Subject: RE: Support for Japan - SFP Criticality Potential

Don.

I missed your call last night. The cell number works but isn't my normal blackberry number so I don't know if the message is set up correctly. I would still like to chat briefly to ensure we are still aligned on this issue. Can we set up something for 0900 JST (2000 EDT) or 1830 JST (0530 EST)

Rob

From: Carlson, Donald

Sent: Monday, March 28, 2011 1:07 PM

To: Brown, Frederick

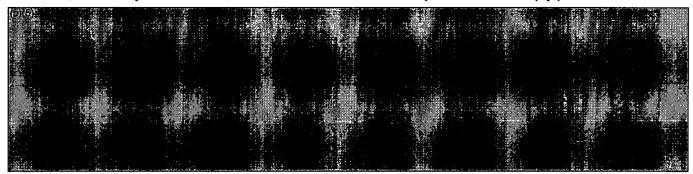
Cc: Taylor, Robert; Scott, Michael; Wood, Kent; Ulses, Anthony; Yarsky, Peter; VanWert, Christopher

Subject: RE: Support for Japan - SFP Criticality Potential

All,

Pending contact with Rob Taylor in Japan, here is a quick recap of the statement we made when asked over a week ago to advise on SFP criticality concerns:

Statement: Criticality is very unlikely for any likely configuration in the SFPs, especially if boron is being added. Moreover, if criticality were to occur, it would be of much less consequence than an empty pool.



Don

----Original Message-----From: Carlson, Donald

Sent: Monday, March 28, 2011 9:30 AM

To: Brown, Frederick

Cc: Taylor, Robert; Scott, Michael Subject: RE: Support for Japan

Fred.

That phone number doesn't work.

Don

----Original Message----From: Brown, Frederick

Sent: Sunday, March 27, 2011 9:11 PM

To: Carlson, Donald

Cc: Taylor, Robert; Scott, Michael Subject: Support for Japan

Don,

Can you please call Rob Taylor in Japan (noting the time difference, please call very early on day shift or in the evening)? He would like to have a follow-up conversation on SFP criticality potential.

His cell is

Thanks, Fred

From:

Giessner, John

Sent:

Tuesday, March 29, 2011 4:44 PM

To:

Taylor, Robert; Blamey, Alan; Scott, Michael; Nakanishi, Tony

Subject:

Re: Info from science group call

Agree, the two issues steam condensing causing h2 explosive mixture and and loss of the vent path are both in the RST document: inert by purging and vent; don't fill beyond the vent.

The issue is without level indication you may lose the vent. That factors into the thought on how we know we are inerting then filling. That to me is something we're looking at, but to not fill at all isn't the answer. (Sent from Blackberry)

---- Original Message -----

From: Taylor, Robert

To: RST01 Hoc; Cook, William; Scott, Michael; Blamey, Alan; Giessner, John

Cc: Jackson, Todd; Monninger, John; Dorman, Dan; Miller, Marie; Ali, Syed; Sheikh, Abdul; Way, Ralph

Sent: Tue Mar 29 09:22:52 2011

Subject: Re: Info from science group call

Am I missing something here? Which units? All of them? Units 2 and 3 are well vented already due to the failed containments and our recommendation document recommends inerting first which is what the Japanese are making preparations to do.

We are certainly interested to hear where this goes. I presume we will here where this comes out at the 6pm EDT call.

Sent from an NRC BlackBerry

Robert Taylor Dominion in the second

---- Original Message -----

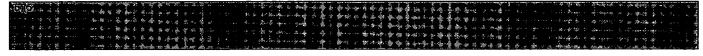
From: RST01 Hoc

To: Cook, William; Scott, Michael; Blamey, Alan; Giessner, John; Taylor, Robert

Cc: Jackson, Todd; Monninger, John; Dorman, Dan; Miller, Marie; Ali, Syed; Sheikh, Abdul; Way, Ralph

Sent: Tue Mar 29 09:08:32 2011

Subject: FW: Info from science group call



----Original Message-----

From: Sheron, Brian

Sent: Tuesday, March 29, 2011 7:21 AM

To: Kelly, John E (NE)

Cc: Weber, Michael; Virgilio, Martin; RST01 Hoc; ET01 Hoc Subject: FW: Quick science group call today - 7:00pm EDT

John, see below.

It was our understanding that all recommendations to the Japanese government were going to be first vetted internally within the U.S. 1284

1

Last weekend our RST vetted the severe accident management recommendations with NRC, DOE, INPO, EPRI, NR, Bettis, KAPL, GEH and got alignment before the recommendations were sent to the site team...

It was also my understanding that Secretary Chu agreed to this process with Chairman Jaczko. Is DOE going to coordinate the vetting process, or do you want to send it over to the NRC's RST and let them vet it?

----Original Message-----From: Lee, Richard

Sent: Monday, March 28, 2011 7:44 PM

To: Sheron, Brian

Subject: RE: Quick science group call today - 7:00pm EDT

#### Brian:

Done already. Dana and I were on the phone. Dr. Holdren is checking on the consensus view reached yesterday on the recommendation of not flooding the drywell. Without having any water level measurement in the drywell, concerns are: (i) condensing the steam which may cause a hydrogen burn; (ii) too much water in the drywell resulting in blocking the vent path. The blocking of the vent path will be very serious, because at this time, it is now the only path for relieving pressure in the RCS.

Apparently, Dr. Holdrens spoke to our Chairman and was told by our Chairman that he understood the NRC still favors flooding the drywell. Dana and I both said the concern of blocking the vent path is a major concern especially we do not know or able to measure the water level in the drywell. I also mention that in case of molter core material breached the RPV, ANL (under DOE) is calculating the MCCI; and NRC had also provided a few days ago our estimate of FCI loads do not pose a treat to the containment. He was happy that we look into FCI already and gave him assurance the recommendation is the correct one to put forth.

The rest of the people call in (Bob Budniz?, Dick Garwin, ...) agreed. Hence, the recommendation not to flood the drywell will be advanced by U.S. to the Japanese.

#### Richard

From: Sheron, Brian

Sent: Monday, March 28, 2011 7:07 PM

To: Lee, Richard

Subject: Re: Quick science group call today - 7:00pm EDT

Great, thx.

From: Lee, Richard To: Sheron, Brian

Sent: Mon Mar 28 17:11:42 2011

Subject: RE: Quick science group call today - 7:00pm EDT

Brian:

I will call in to see what it is all about,

Richard

From: Sheron, Brian

Sent: Monday, March 28, 2011 4:35 PM

To: Lee, Richard

Subject: Fw: Quick science group call today - 7:00pm EDT

Dr. Holdren would like to pull everyone who is available together today at 7:00pm EDT for a few minutes. This is to discuss a technical question before a recommendation is made.

Apologies for the short notice - don't worry if you aren't able to make it, but for those of you who are able, we will have a brief call today from 7:00-7:15pm EDT.

Tomorrow's call will still take place as scheduled, at 4:45pm EDT. Wednesday's call will take place at 5:00pm EDT

Thanks lan

Nuclear science group conference call schedule: Monday 3/28: 7:00pm-7:15pm EDT Tuesday 3/29: 4:45pm-5:45pm EDT Wednesday 3/30: 5:00pm-6:00pm EDT

Conference call information: Please dial into (202) 586-2535 No PIN is needed.

lan Adams
Office of the Secretary
Department of Energy
(202) 586-9585
ian.adams@hq.doe.gov

From:

Nakanishi, Tony

Sent:

Tuesday, March 29, 2011 4:57 PM

To:

LIA02 Hoc; Liaison Japan

Subject:

Fw: Radiation dose map of Fukushima Daiichi

Attachments:

20110329\_1FSurveyMapR1.ppt

---- Original Message -----

From: 佐藤 隆 <satoh.takashi@tepco.co.jp>

To: Nakanishi, Tony

Sent: Tue Mar 29 09:22:25 2011

Subject: Radiation dose map of Fukushima Daiichi

Dear Tony,

I appreciate your kind support, and I respect your thoughtful opinion and commnet on our cooperative activity, always.

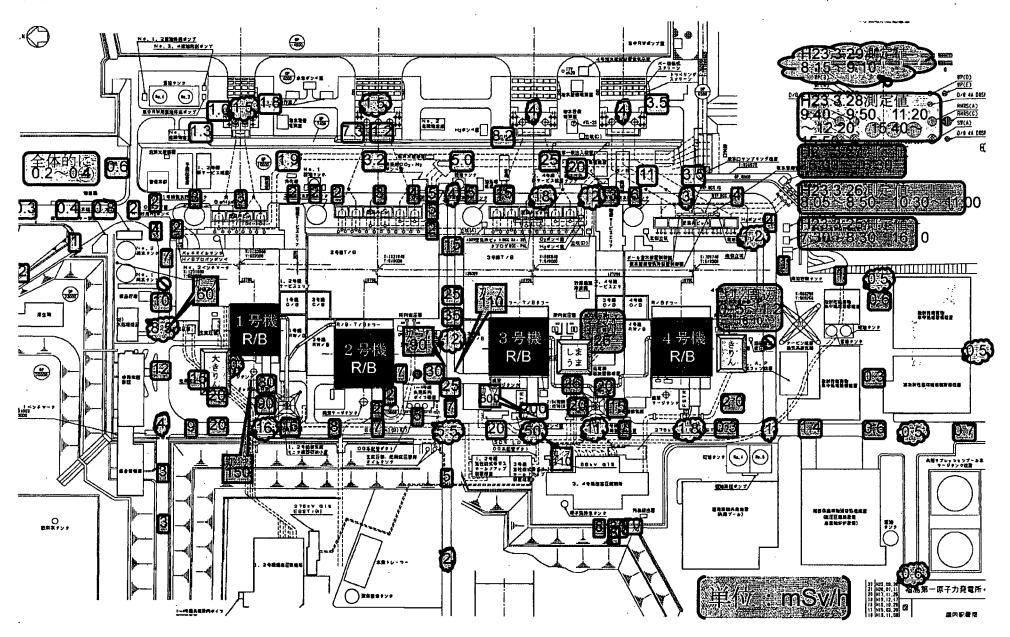
1

Thank you.

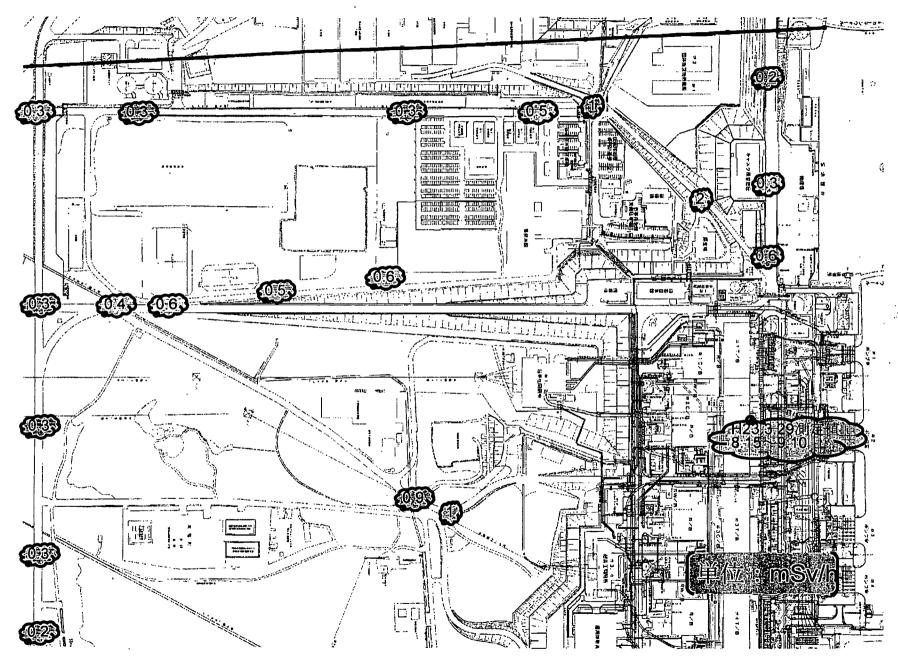
Takashi Sato TEPCO

BC/285

福島第一サーベイマップ (平成23年3月29日 9:10現 在)



福島第一サーベイマップ (平成23年3月29日 9:10現 在)



福島第一サーベイマップ (平成23年3月29日 9:10現 在)





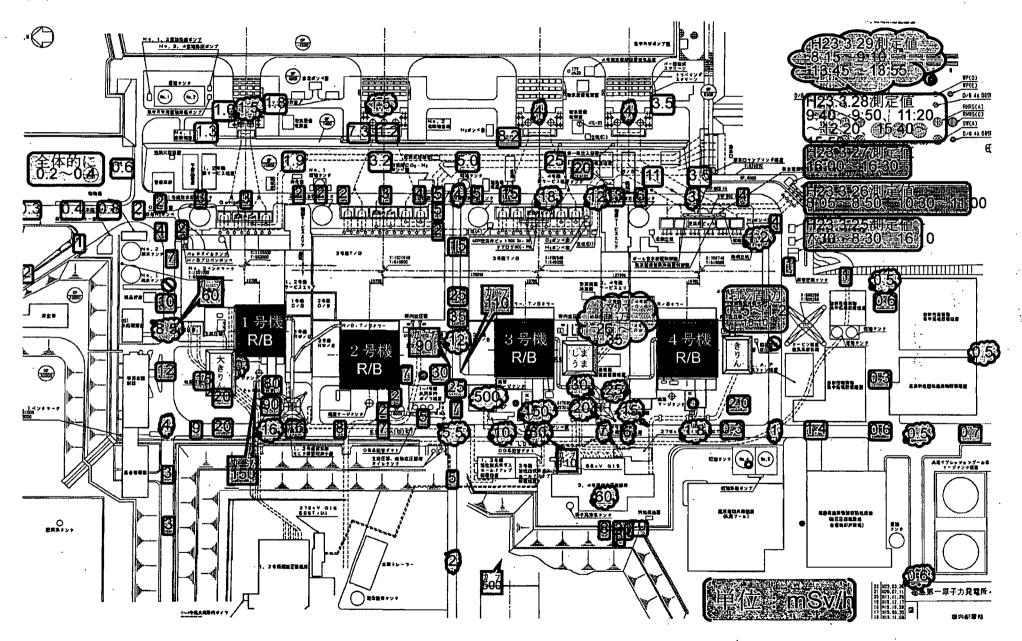




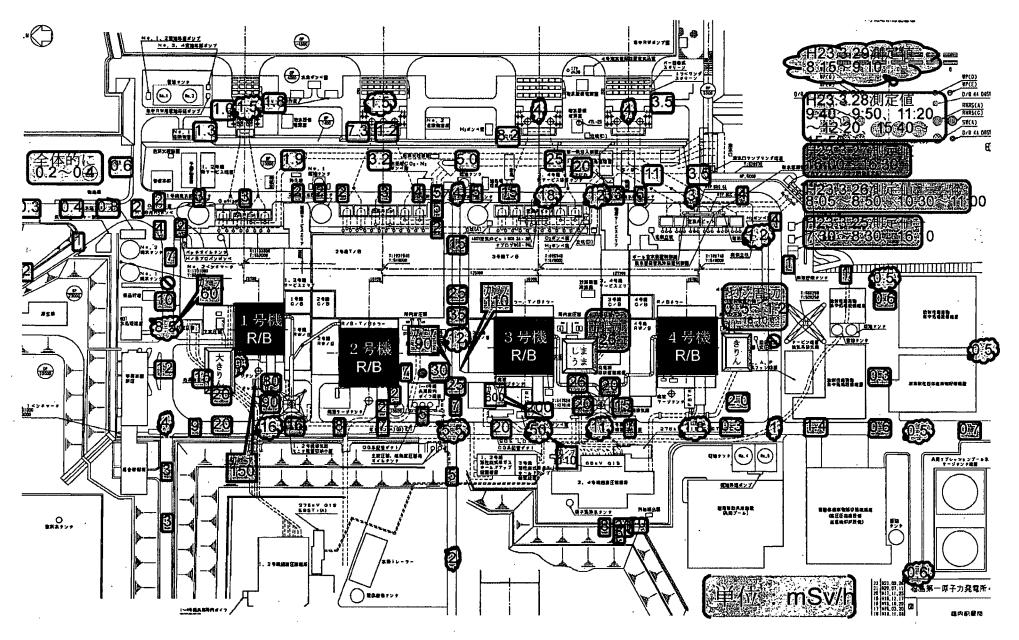




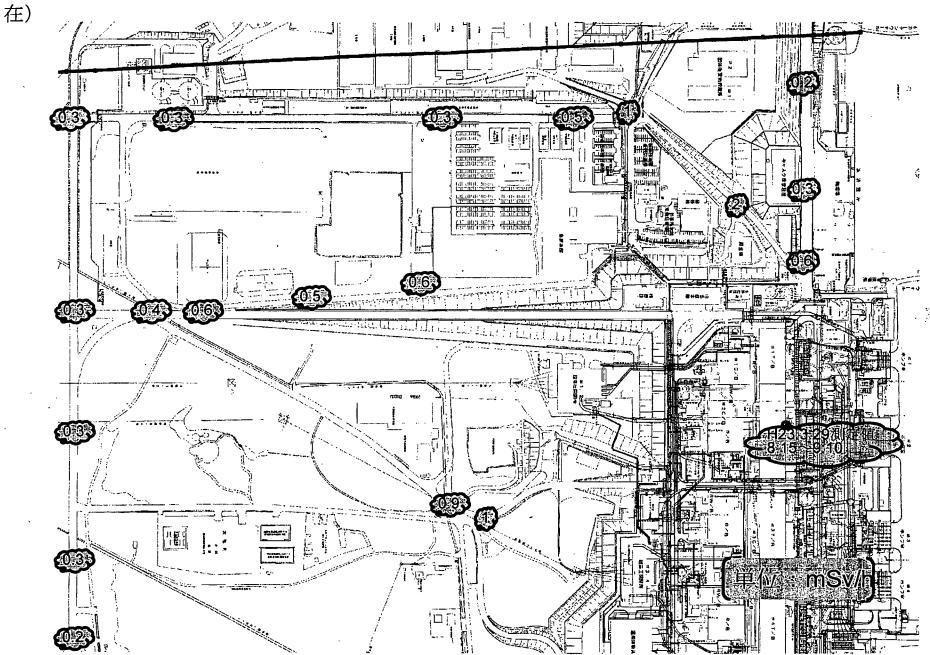
福島第一サーベイマップ(平成23年3月29日 13:45現 在)



福島第一サーベイマップ(平成23年3月29日 9:10現 在)



福島第一サーベイマップ (平成23年3月29日 9:10現



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@33



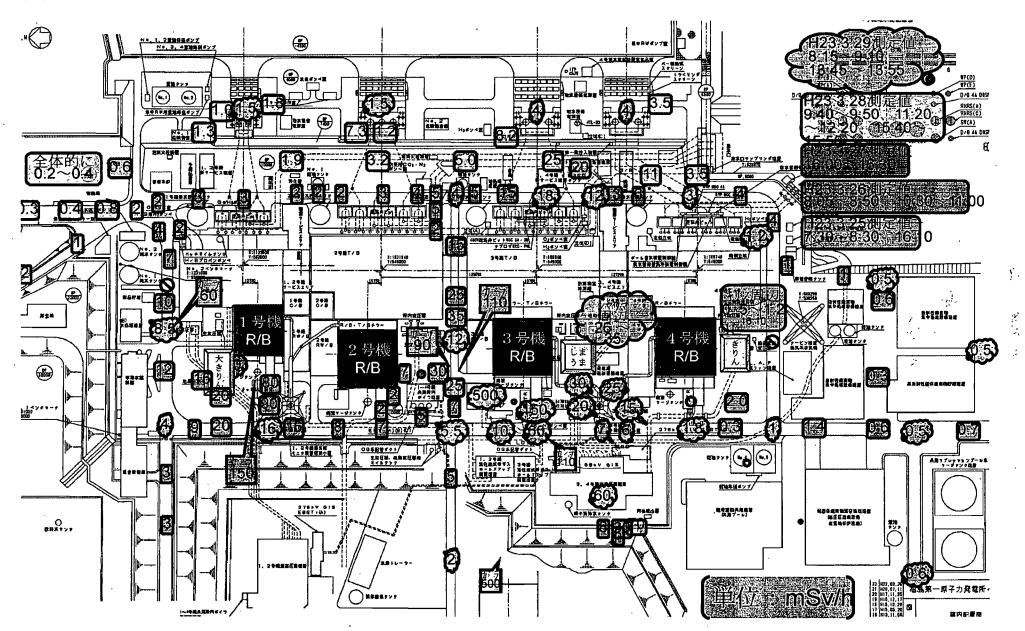
**@** 



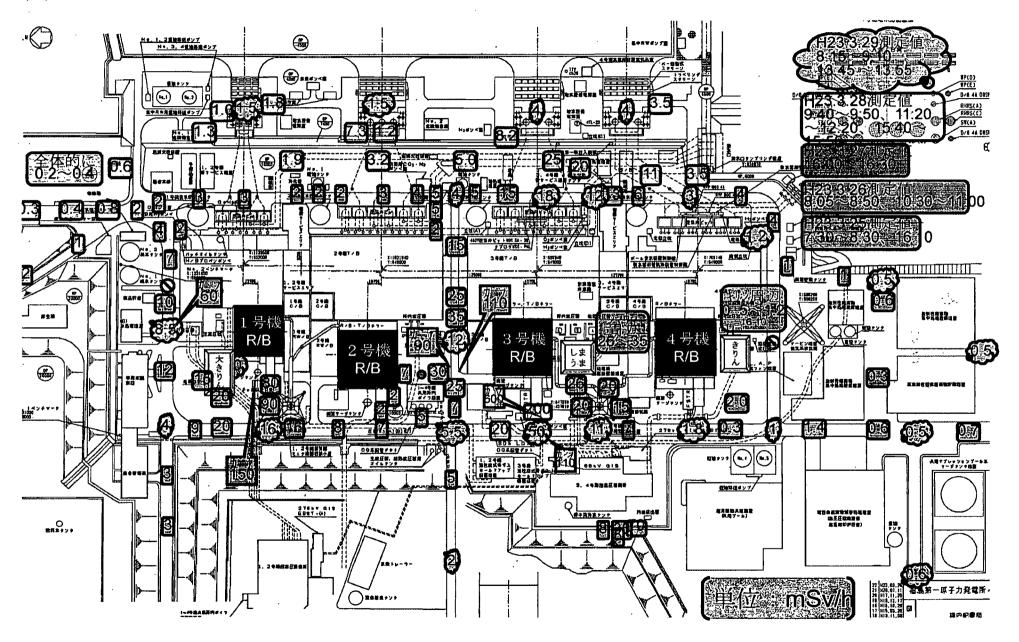




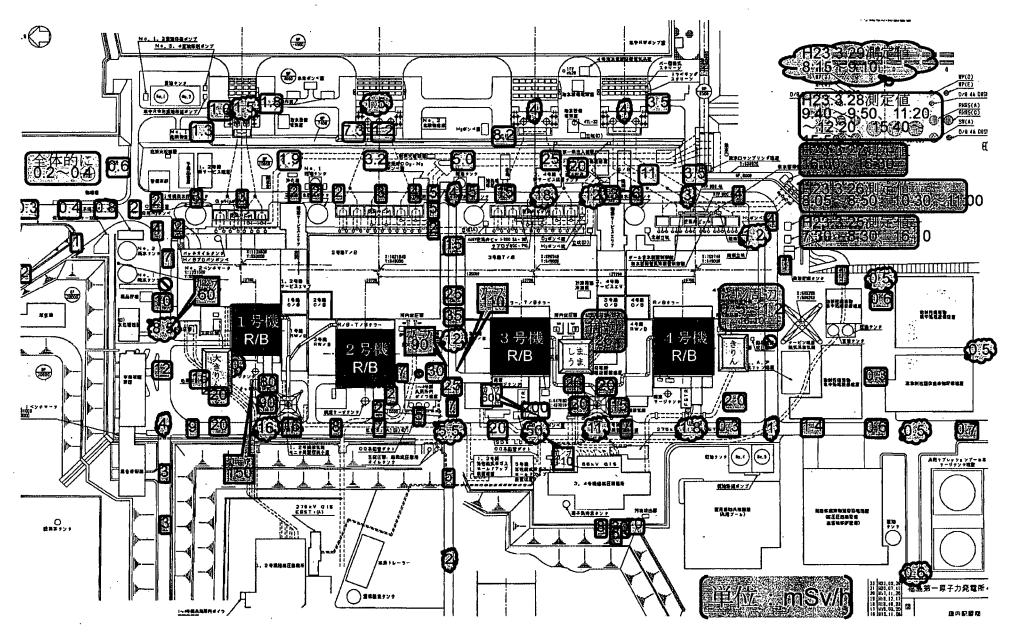
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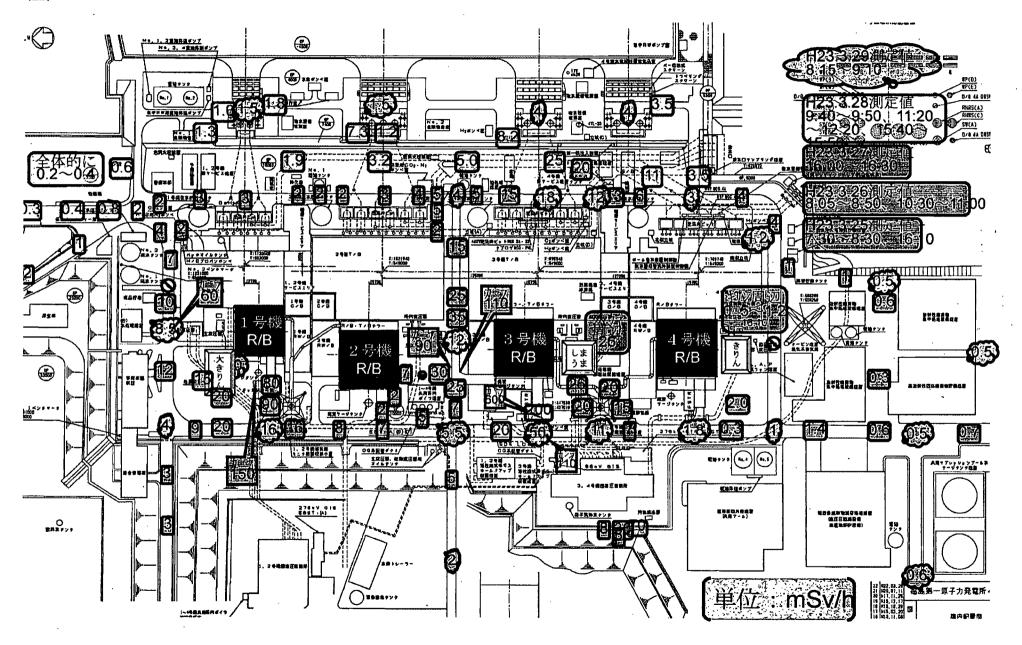
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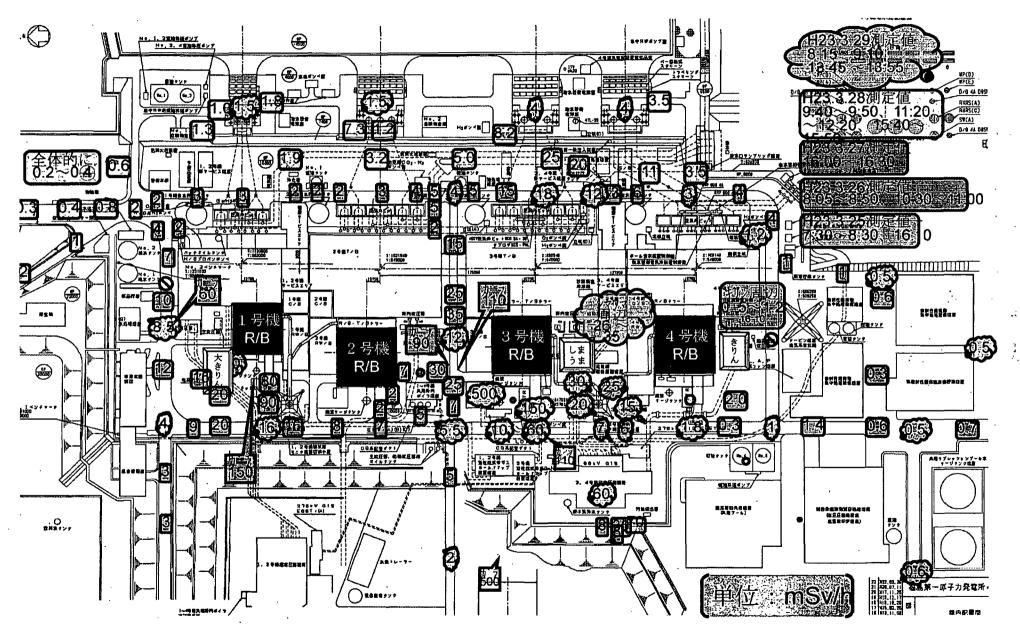




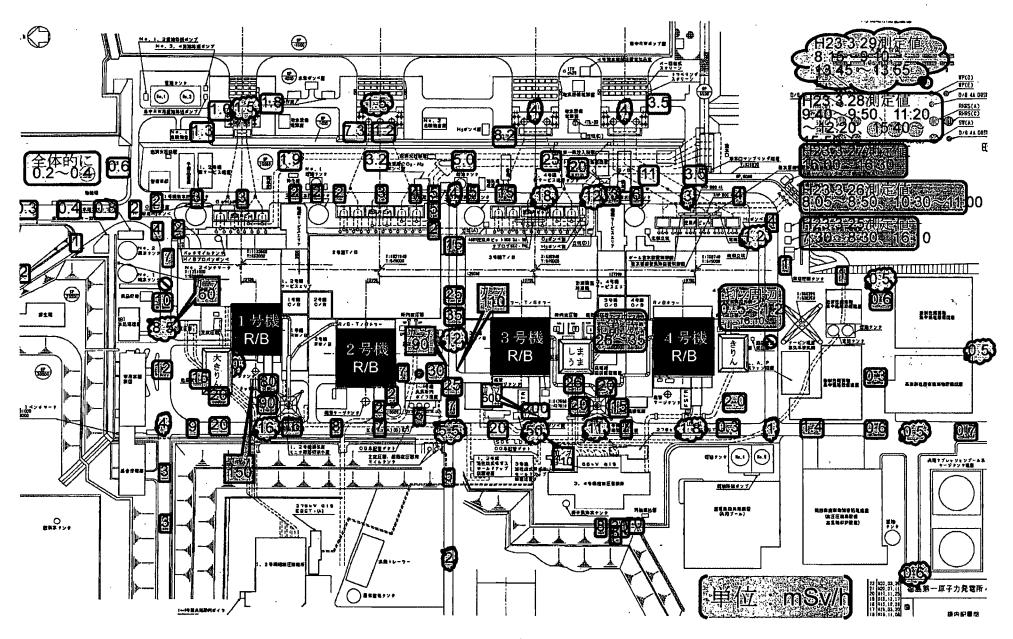




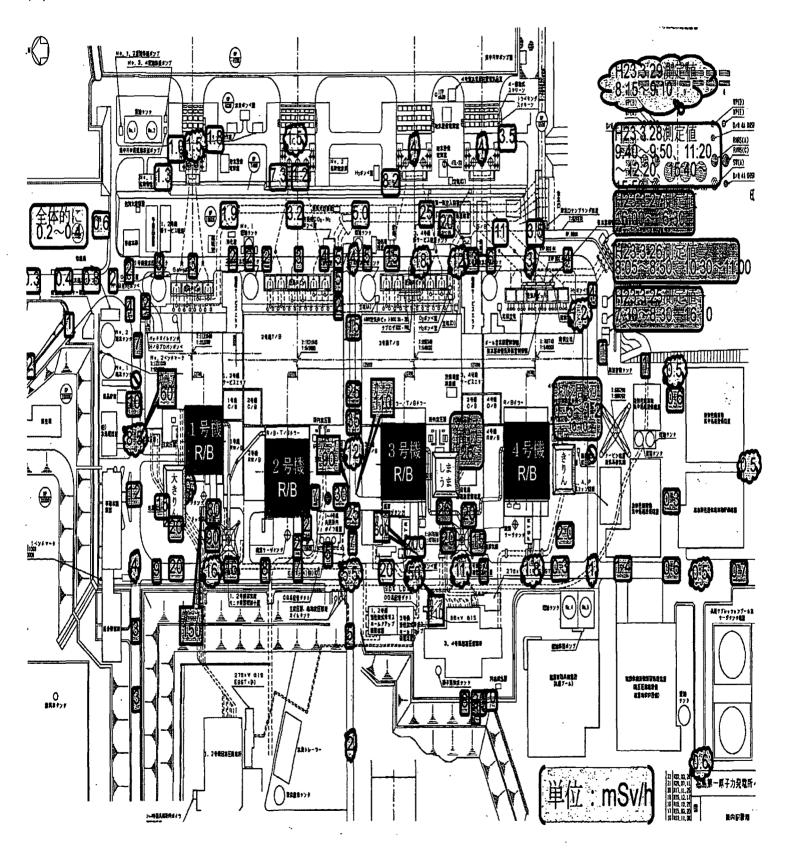
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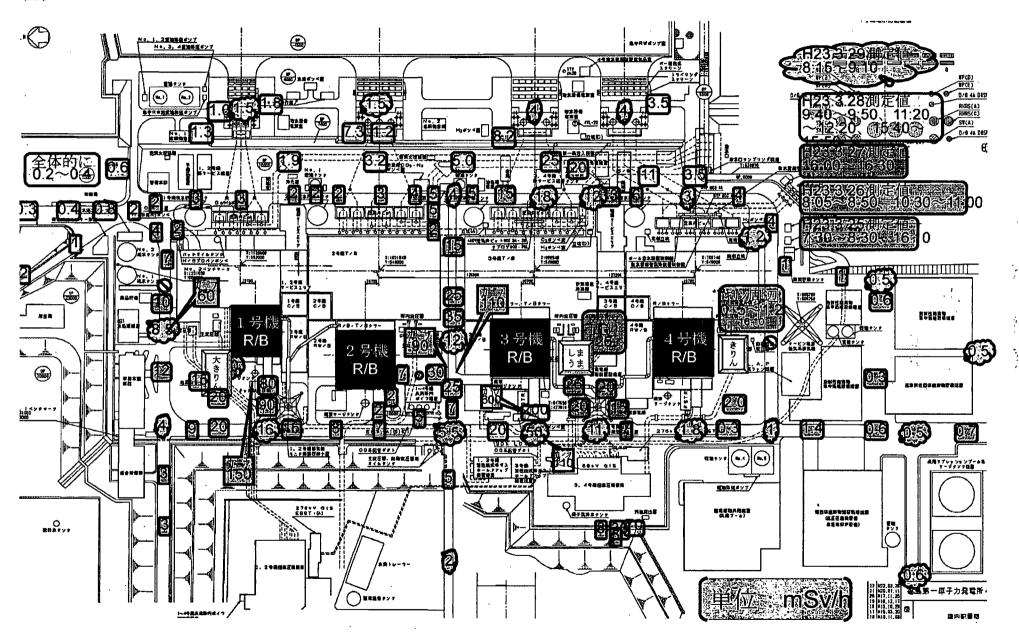
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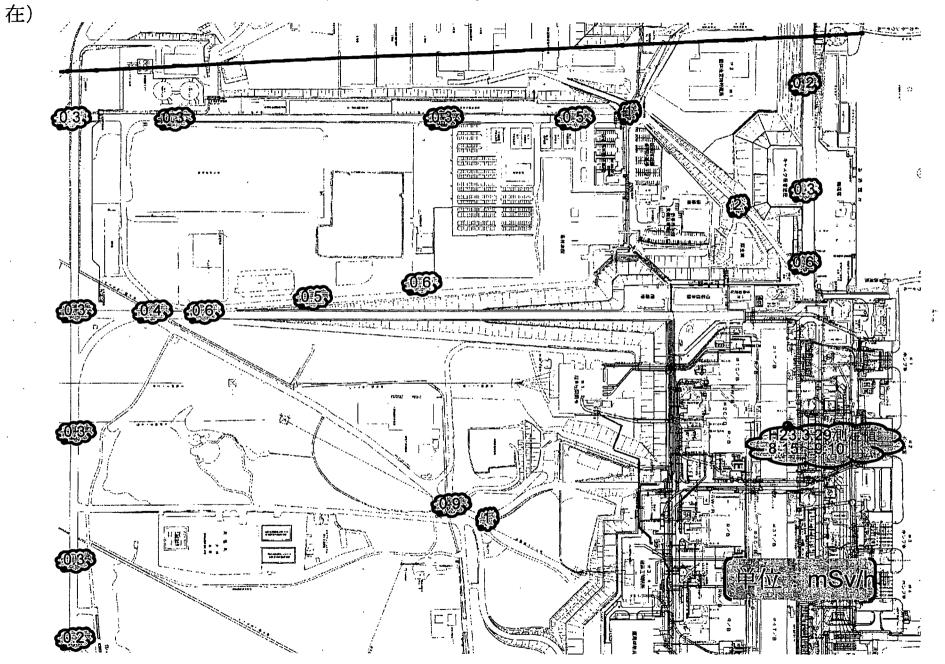
福島第一サーベイマップ (平成23年3月29日 9:10現 在)



福島第一サーベイマップ(平成23年3月29日 9:10現 在)



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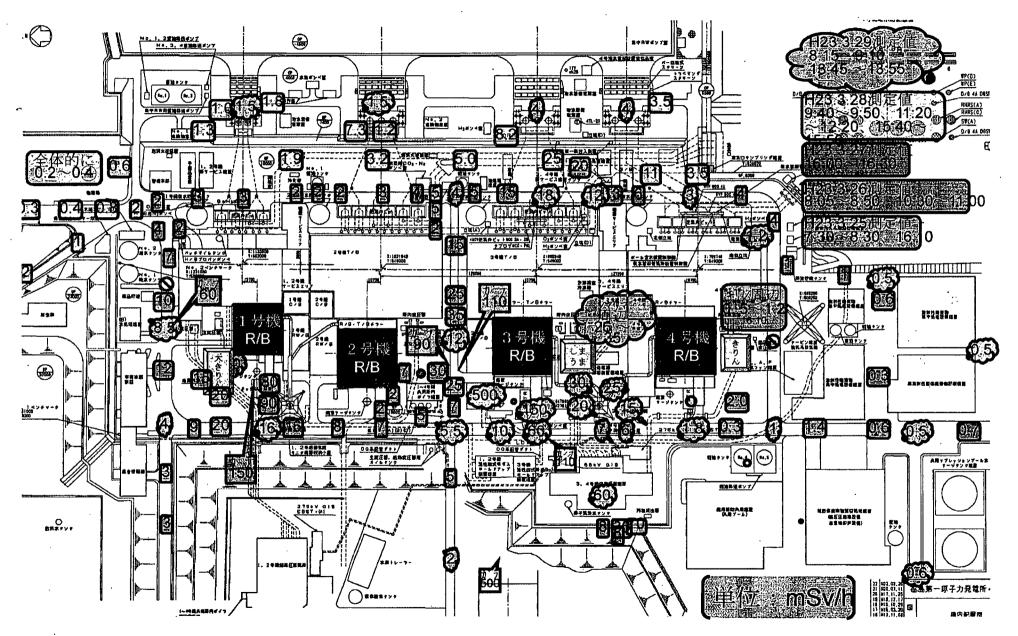




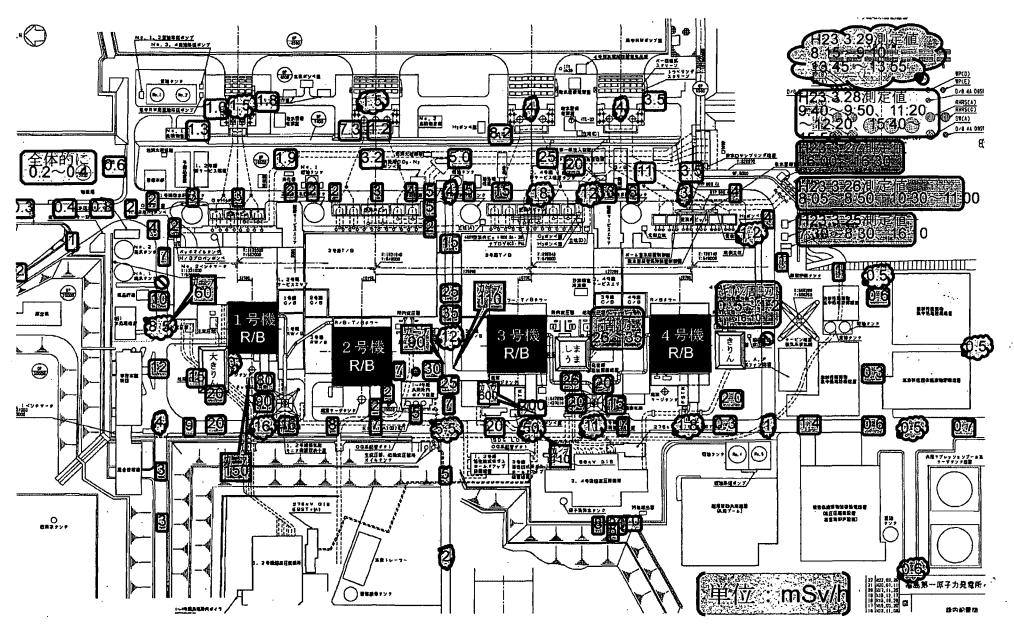




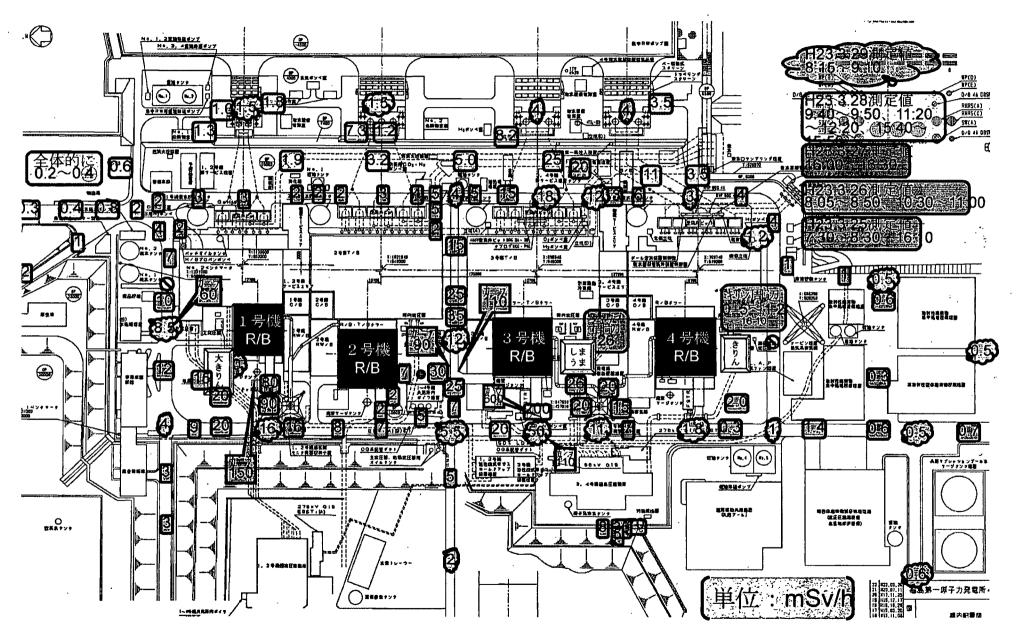
福島第一サーベイマップ(平成23年3月29日 13:45現 在)



福島第一サーベイマップ(平成23年3月29日 9:10現 在)



福島第一サーベイマップ(平成23年3月29日 9:10現 在)



#### Weaver, Tonna

From:

Nakanishi, Tony

Sent:

Thursday, March 31, 2011 3:19 AM

To: Subject: RST01 Hoc; Liaison Japan Fw: Radiation dose map

Attachments:

20110331\_1FSurveyMap.ppt

---- Original Message ----

From: 佐藤 隆 <satoh.takashi@tepco.co.jp>

To: Nakanishi, Tony

Sent: Thu Mar 31 03:10:15 2011 Subject: Radiation dose map

Dear Tony.

Here is the revised radiation dose map.

Please let me know the person whom I can send this type of information.

Again, thank you very much for your kind support.

Safe trip back to the USA.

Best regards,

Takashi Sato TEPCO

東京電力株式会社

本店 原子力・立地業務部

原子力企画グループマネージャー

佐藤 隆 (Takashi Sato)

〒100-8560 東京都千代田区内幸町1-1-3

TEL: 03-6373-4721 FAX: 03-3596-8538

E-Mail: satoh.takashi@tepco.co.jp

---- Original Message -----

From: "Nakanishi, Tony" < Tony. Nakanishi@nrc.gov >

To: <bannai-toshihiro@meti.go.jp>; ""?? ?"" <satoh.takashi@tepco.co.jp>

Cc: "nei-hisanori" <nei-hisanori@meti.go.jp>; "Dorman, Dan"

<<u>Dan.Dorman@nrc.gov</u>>; "Monninger, John" <<u>John.Monninger@nrc.gov</u>>; "Foggie, Kirk"

< Kirk. Foggie@nrc.gov >; "Scott, Michael" < Michael. Scott@nrc.gov >

Sent: Sunday, March 27, 2011 9:33 AM Subject: NRC Meetings for March 27, 2011

> Bannai-sama, Sato-sama,

>

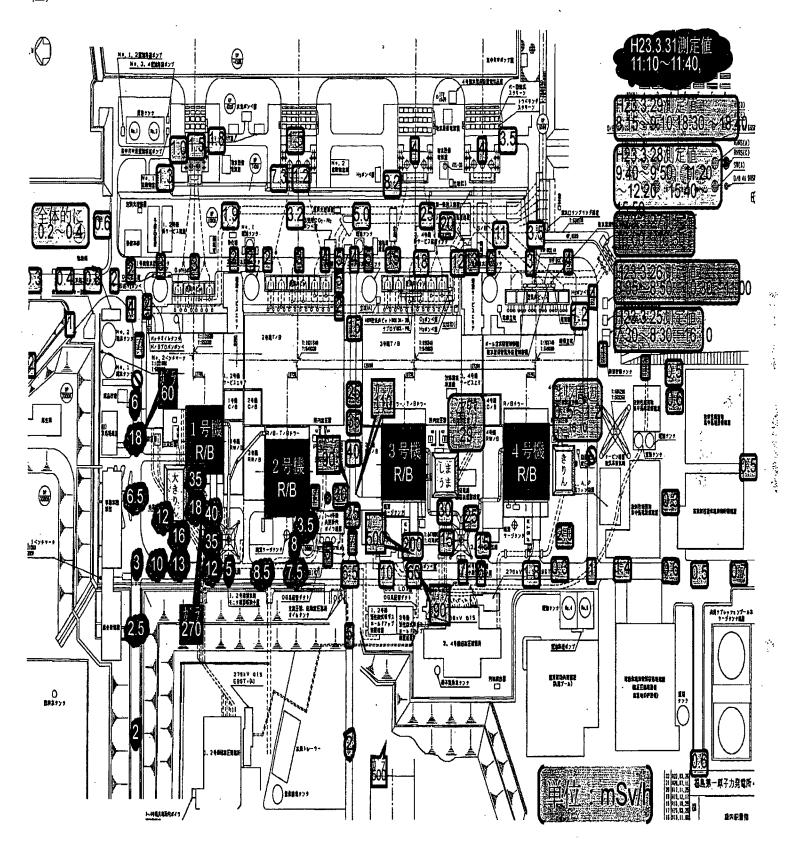
> Please find the attached document with the schedule for NRC meetings

> today.

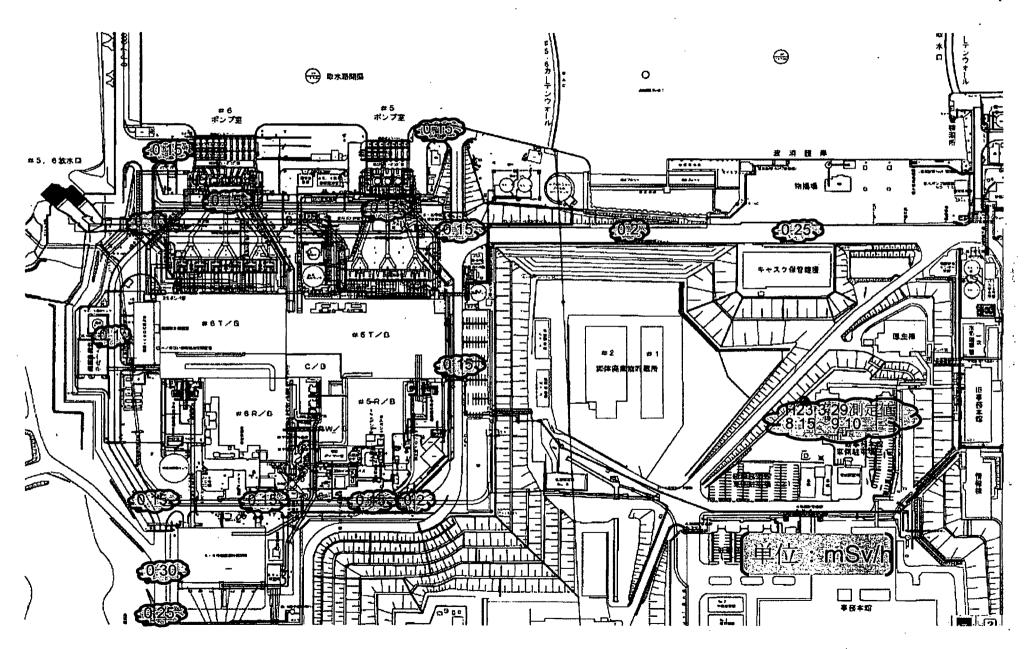
BC) 286

> Best Regards, > Tony Nakanishi > USNRC >

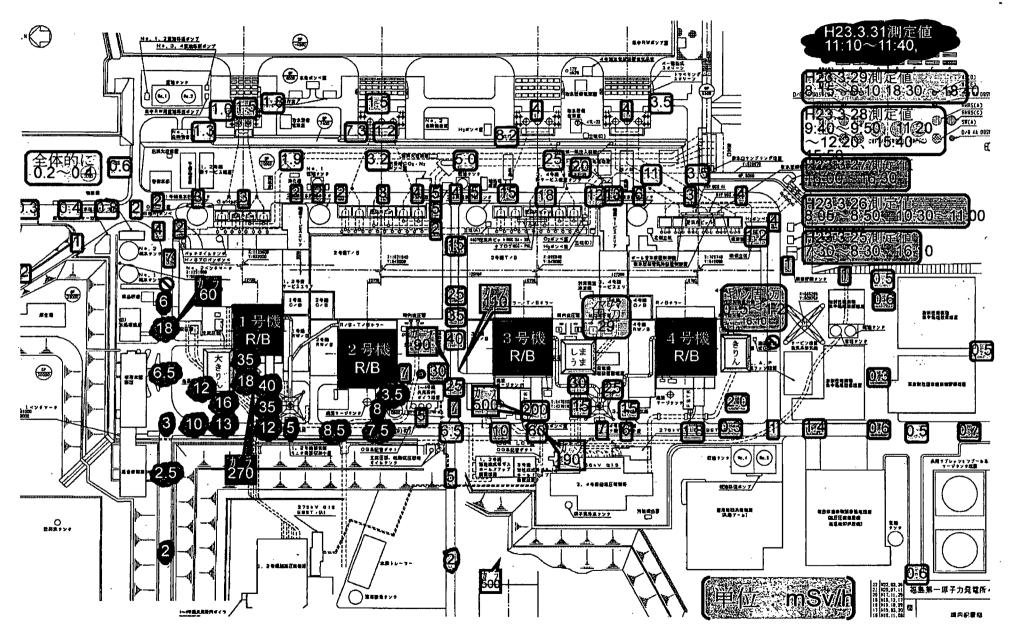
福島第一サーベイマップ(平成23年3月31日 11:40現 在)



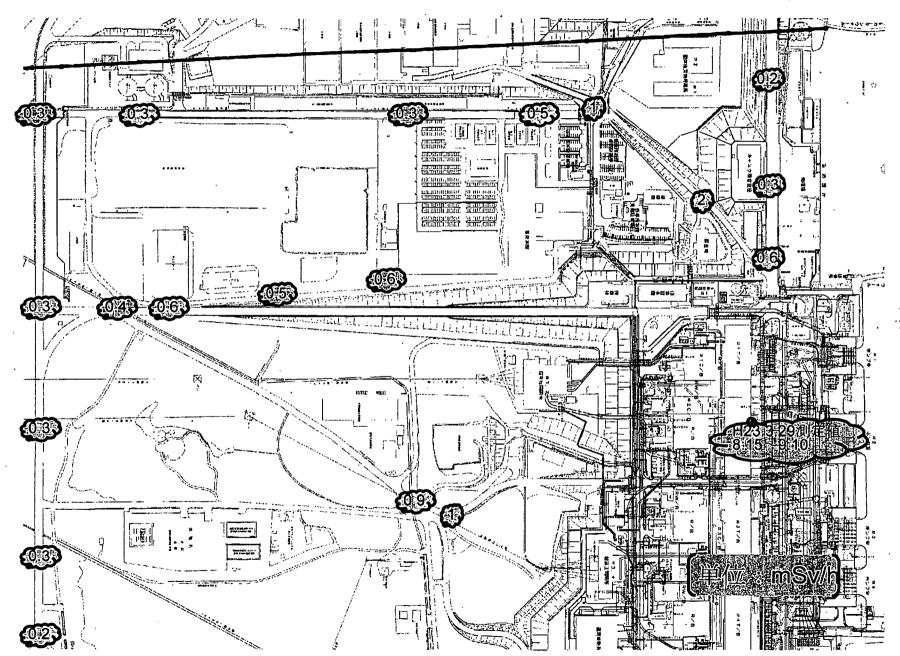
福島第一サーベイマップ(平成23年3月29日 9:10現 在)



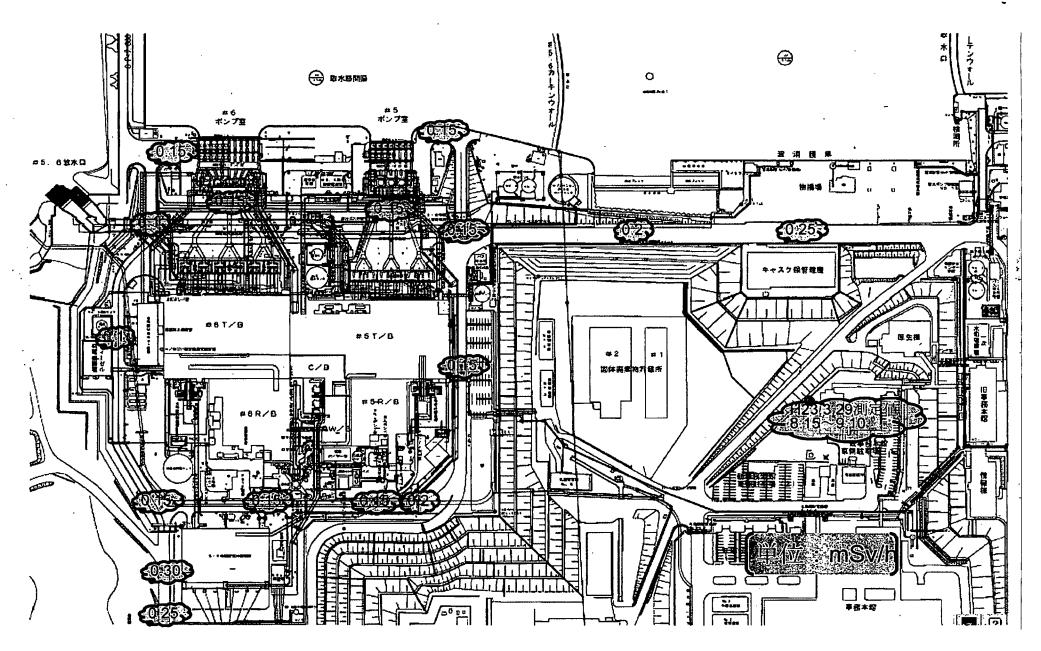
福島第一サーベイマップ(平成23年3月31日 11:40現 在)



福島第一サーベイマップ (平成23年3月29日 9:10現 在)



福島第一サーベイマップ(平成23年3月29日 9:10現 在)



### Weaver, Tonna

From: Sent: To:

eda@mext.go.jp Friday, April 01, 2011 9:08 AM

damian.peko@nuclear.energy.gov; Dorman, Dan: DuncanAD@state.gov: HarrellBL@state.gov; HOO Hoc; Foster, Jack;

hughart@ofda.gov: Monninger, John:

lioseph.hughart@foh.hhs.gov; iohnstoneam@state.gov: 6066

MoralesRA@state.gov: Hoc: Hoc. PMT12: Devercelly, Richard;

LewisBM2@state.gov; LIA01 Hoc:

MearsJM@state.gov; (5,6)

SchillerBS@state.gov:

ThurRR@state.gov; UchidaKX@state.gov; usfj-cat-

Cc: Subject: Attachments: saigai03@mext.go.jp; akasaka@mext.go.jp; senami@mext.go.jp

Radiation data by MEXT

20110401\_18.pdf; 20110401\_19..pdf; 20110401\_20.pdf; 20110401\_21.pdf; 20110401\_22.pdf;

20110401\_23.pdf; (unofficial)20110401\_18with lat\_long.pdf; (unofficial)20110401\_09with

lat\_long.pdf; (unofficial)20110401\_15with lat\_long.pdf

Dear Sir,

I am sending radiation data in response to a request from the Embassy Tokyo Japan Please see attached the document.

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

平成23年4月1日 19時00分現在 文 部 科 学 省

### 〇文部科学省が集計した結果 注)太下線データが今回追加分

- \*1 GM(ガイガー=ミューラー計測管)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

| 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)<br>(記載のない限り屋外) | 天候   | 実施者         |
|----------------------|------------|--------------------------------|------|-------------|
| 測定エリア 【1】 (約60Km北西)  | 4月1日8時48分  | 2.7*2                          | 降雨無し | 日本原子力研究開発機構 |
| 測定エリア 【2】 (約55Km北西)  | 4月1日9時18分  | 3.8 *2                         | 降雨無し | 日本原子力研究開発機構 |
| 測定エリア 【3】 (約45Km北西)  | 4月1日10時14分 | 3.3*2                          | 降雨無し | 日本原子力研究開発機構 |
| 測定エリア 【5】 (約45Km北)   | 4月1日11時12分 | 0.8 ℃                          | 降雨無し | 日本原子力研究開発機構 |
| 測定エリア 【6】 (約45Km北)   | 4月1日11時34分 | 1.0 *2                         | 降雨無し | 日本原子力研究開発機構 |
| 測定エリア 【7】 (約45Km北)   | 4月1日11時43分 | 1,1 *2                         | 降雨無し | 日本原子力研究開発機構 |
| 測定エリア 【10】 (約40Km北西) | 4月1日16時03分 | <u>16*</u> 2                   | 降雨無し | 文部科学省       |
| 測定エリア【12】 (約40Km西)   | 4月1日11時39分 | 0.5*2                          | 降雨無し | 文部科学省       |
| 測定エリア【13】 (約40Km西)   | 4月1日11時53分 | 0.5*2                          | 降雨無し | 文部科学省       |
| 測定エリア【14】 (約35Km西)   | 4月1日12時06分 | 0.2 *2                         | 降雨無し | 文部科学省       |
| 測定エリア【15】 (約35Km西)   | 4月1日12時19分 | 0.6 *2                         | 降雨無し | 文部科学省       |
| 測定エリア【20】(約45Km北西)   | 4月1日10時37分 | 0.6 *2                         | 降雨無し | 文部科学省       |
| 測定エリア【21】(約30Km西北西)  | 4月1日11時09分 | 2.3*2                          | 降雨無し | 文部科学省       |
| 選定エリア【22】(約30Km西北西)  | 4月1日11時00分 | 0.6*2                          | 降雨無し | 文部科学省       |

- \*1 GM(ガイガー=ミューラー計測管)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

|                             |            |                                | MINE PHOP INCOM | と 时间的に のいる 例 た 他 ツ 友 到 彩 面 |  |
|-----------------------------|------------|--------------------------------|-----------------|----------------------------|--|
| 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)<br>(記載のない限り屋外) | 天候              | 実施者                        |  |
| 測定エリア【23】(約30Km西北西)         | 4月1日10時48分 | 0.6 *2                         | 降雨無し            | 文部科学省                      |  |
| 測定エリア【31】(約30Km西北西)         | 4月1日10時33分 | 15.4 *²                        | 降雨無し            | 日本原子力研究開発機構                |  |
| 測定エリア【32】 (約30Km北西)         | 4月1日10時56分 | 36.2 *²                        | 降雨無し            | 日本原子力研究開発機構                |  |
| 測定エリア【33】 (約30Km北西)         | 4月1日11時22分 | 18.2 *²                        | 降雨無し            | 日本原子力研究開発機構                |  |
| 測定エリア【34】 (約30Km北西)         | 4月1日13時02分 | 5.8 *²                         | 降雨無し            | 日本原子力研究開発機構                |  |
| 測定エリア【36】 (約40Km北西)         | 4月1日10時08分 | 5.7 *2                         | 降雨無し            | 日本原子力研究開発機構                |  |
| 測定エリア【37】 (約50km北西)         | 4月1日9時57分  | 4.6 * <sup>2</sup>             | 降雨無し            | 日本原子力研究開発機構                |  |
| 測定エリア【38】 (約35km南)          | 4月1日11時37分 | 1.0 *2                         | 降雨無し            | 文部科学省                      |  |
| 測定エリア【39】 (約45km北)          | 4月1日10時53分 | 1.3 *                          | 隆雨無し            | 日本原子力研究開発機構                |  |
| 測定エリア 【51】 (約40Km南西)        | 4月1日13時45分 | <u>0.3</u> *3                  | 隆雨無し            | 福島県                        |  |
| <u> 測定エリア【51】 (約40Km南西)</u> | 4月1日10時42分 | 0.3 *3                         | 隆雨無し            | 福島県                        |  |
| 測定エリア【52】 (約40Km西)          | 4月1日14時23分 | 0.3 *3                         | 隆雨無し            | 福島県                        |  |
| <u> 測定エリア【52】 (約40Km西)</u>  | 4月1日12時05分 | 0.3 *3                         | 隆雨無し            | . <u>福島県</u>               |  |
| 測定エリア【61】 (約40Km北西)         | 4月1日14時59分 | <u>6.1 *3</u>                  | 隆雨無し            | <u>福島県</u>                 |  |
| <u> 測定エリア【61】 (約40Km北西)</u> | 4月1日12時46分 | 7.1 *3                         | 隆雨無し            | 温島県                        |  |
| 測定エリア【62】 (約40Km北西)         | 4月1日15時15分 | <u>7.4 *3</u>                  | 隆雨無し            | 福島県                        |  |
| <u>測定エリア【62】 (約40Km北西)</u>  | 4月1日12時34分 | <u>11*3</u>                    | 路雨無し            | 福島県                        |  |
| 潮定エリア【63】 (約45Km北西)         | 4月1日15時49分 | <u>32 <sup>43</sup></u>        | 隆雨無し            | 福島県                        |  |
| 測定エリア【63】 (約45Km北西)         | 4月1日11時13分 | <u>28</u> ⁴                    | 降雨無し            | 福島県                        |  |

- \*1 GM(ガイガー=ミューラー計測管)における値 \*2 電離箱における値 \*3 Nal(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

|                     |                |                                | *4 別た时间内にのり | で別た他の友別和四   |
|---------------------|----------------|--------------------------------|-------------|-------------|
| 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)<br>(記載のない限り屋外) | 天候          | 実施者         |
| 測定エリア【71】 (約25Km南)  | 4月1日8時31分      | 2.5 *2                         | 降雨無し        | 警察(NBC対策部隊) |
| 測定エリア【72】 (約30Km南)  | 4月1日12時42分     | 1.6 *2                         | 降雨無し        | 文部科学省       |
| 測定エリア【72】 (約30Km南)  | 4月1日9時11分      | 0.8 *2                         | 降雨無し        | 警察(NBC対策部隊) |
| 測定エリア【73】 (約35Km南)  | 4月1日11時57分     | 1.4*2                          | 降雨無し        | 文部科学省       |
| 測定エリア【73】 (約35Km南)  | 4月1日9時27分      | 0.7 *2                         | 降雨無し        | 警察(NBC対策部隊) |
| 測定エリア【74】 (約35Km南)  | 4月1日11時08分     | 0.2*2                          | 降雨無し        | 文部科学省       |
| 測定エリア【74】 (約35Km南)  | 4月1日9時55分      | 0.3 *2                         | 降雨無し        | 警察(NBC対策部隊) |
| 測定エリア【75】 (約45Km南)  | 4月1日10時30分     | 0.8 *2                         | 降雨無し        | 文部科学省       |
| 測定エリア【75】 (約45Km南)  | 4月1日7時00分      | 0.8*2                          | 降雨無し        | 警察(NBC対策部隊) |
| 測定エリア【76】 (約25Km南西) | 4月1日11時03分     | 0.6*2                          | 降雨無し        | 警察(NBC対策部隊) |
| 測定エリア【77】 (約25Km南西) | 4月1日10時45分     | 2.2*2                          | 降雨無し        | 警察(NBC対策部隊) |
| 測定エリア【78】 (約45Km北西) | 4月1日7時47分      | 0.8 *2                         | 降雨無し        | 警察(NBC対策部隊) |
| 測定エリア【79】 (約30Km北西) | 4月1日12時26分     | 16.5 *2                        | 降雨無し        | 日本原子力研究開発機構 |
| 測定エリア【79】 (約30Km北西) | 4月1日9時56分      | 15.5 *2                        | 降雨無し        | 警察(NBC対策部隊) |
| 測定エリア【80】 (約25Km北)  | 4月1日12時33分     | 0.7*2                          | 降雨無し        | 日本原子力研究開発機構 |
| 測定エリア【80】 (約25Km北)  | 4月1日12時02分     | 0.7*2                          | 降雨無し        | 警察(NBC対策部隊) |
| 測定エリア【81】(約30Km西北西) | 4月1日8時34分<br>· | 34.5 * <sup>2</sup>            | 降雨無し        | 警察(NBC対策部隊) |
| 測定エリア【83】 (約20Km北西) | 4月1日12時47分     | 70.9 *²                        | 降雨無し        | 日本原子力研究開発機構 |
| 測定エリア【83】 (約20Km北西) | 4月1日10時11分     | 60.5 * <sup>2</sup>            | 降雨無し        | 警察(NBC対策部隊) |

- \*1 GM(ガイガー=ミューラー計測管)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

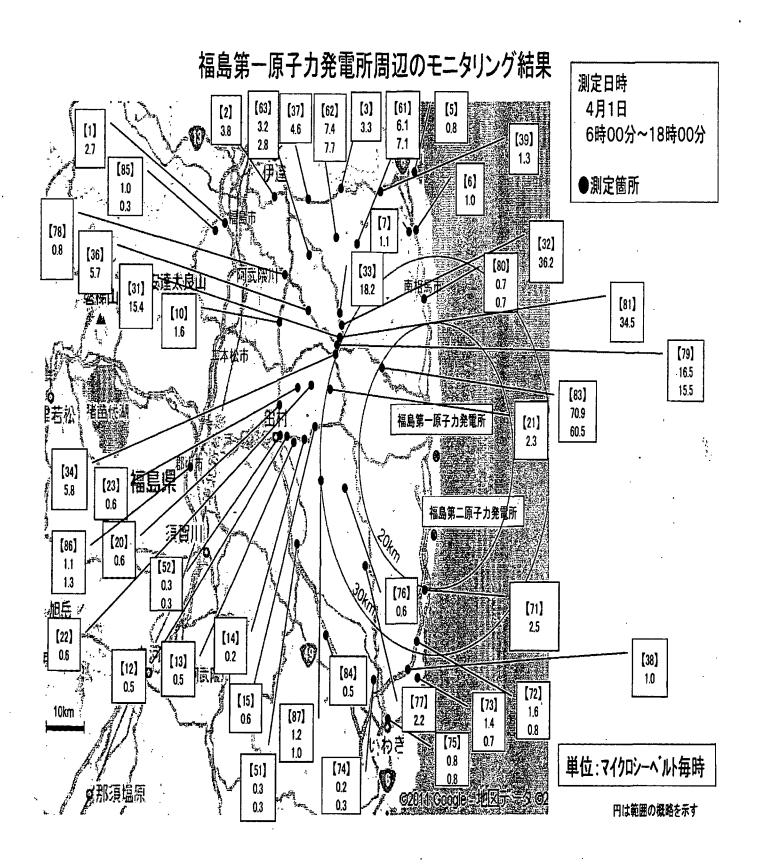
| 場所(福島第1発電所からの距離)             | 測定日時       | 数値(マイクロシーベルト/時)<br>(記載のない限り屋外) | 天候   | 実施者        |
|------------------------------|------------|--------------------------------|------|------------|
| 測定エリア【84】 (約40km南西)          | 4月1日9時50分  | 0.5 *2                         | 降雨無し | 文部科学省      |
| 測定エリア <u>[85] (約60km北西)</u>  | 4月1日14時00分 | <u>1.0 °²</u>                  | 降雨無し | 防衛省        |
| 測定エリア【85】 (約60km北西)          | 4月1日6時00分  | 0.3*2                          | 降雨無し | 防衛省        |
| 測定エリア <u>【86】 (約55km西)</u>   | 4月1日14時00分 | 1.1 *2                         | 隆雨無し | 防衛省        |
| 測定エリア【86】 (約55km西)           | 4月1日6時00分  | 1.3*2                          | 降雨無し | 防衛省        |
| 測定エリア <u>[87] (約30km西南西)</u> | 4月1日14時00分 | 1.2 *2                         | 資雨無し | <u>防衛省</u> |
| 測定エリア【87】(約30㎞西南西)           | 4月1日6時00分  | 1.0 *2                         | 降雨無し | 防衛省        |

## 全国大学等の協力による空間放射線量

上段:24時間の積算値 下段:上段の値を1時間あたりに換算した参考値

| 都道府県名    | 測定地点<br>番号 | 地区名           | 3月31日~4日1日               |
|----------|------------|---------------|--------------------------|
|          | 1          | 室蘭市           | 1 μ Sv<br>(0.04 μ Sv/h)  |
|          | 2          | 帯広市           | 1 μ Sv<br>(0.04 μ Sv/h)  |
| 北海道      | 3          | 旭川市           | 1 μ Sv<br>(0.04 μ Sv/h)  |
| 心体足      | 4          | 北見市           | 2 μ Sv<br>(0.08 μ Sv/h)  |
|          | 5          | 釧路市           | 1 μ Sv<br>(0.04 μ Sv/h)  |
|          | 6          | 函館市           | 1 μ Sv<br>(0.04 μ Sv/h)  |
| 青森県      | 7          | 弘前市           | 2 μ Sv<br>(0.08 μ Sv/h)  |
| 月 林 尔    | 8          | 八戸市           | 1 μ Sv<br>(0.04 μ Sv/h)  |
| 宮城県      | 9          | 仙台市           | 3 μ Sv<br>(0.1 μ Sv/h)   |
| 山形県      | 10         | 米沢市           | 3 μ Sv<br>(0.1 μ Sv/h)   |
| 山沙乐      | 11         | 鶴岡市           | 2 μ Sv<br>(0.08 μ Sv/h)  |
| 福島県      | 12         | 福島市           | 12 μ Sv<br>(0.50 μ Sv/h) |
| 茨城県      | 13         | つくば市          | 5 μ Sv<br>(0.2 μ Sv/h)   |
| 栃木県      | 14         | 小山市           | 2 μ Sv<br>(0.08 μ Sv/h)  |
| 群馬県      | 15         | 桐生市           | 2 μ Sv<br>(0.08 μ Sv/h)  |
| 千葉県      | 16         | 千葉市           | 4 μ Sv<br>(0.2 μ Sv/h)   |
| 丁        | - 17       | 木更津市          | 5 μ Sv<br>(0.2 μ Sv/h)   |
| _        | 18         | 文京区           | 4 μ Sv<br>(0.2 μ Sv/h)   |
|          | 19         | 府中市           | 3 μ Sv<br>(0,1 μ Sv/h)   |
| 東京都      | 20         | 目黒区           | 3 μ Sv<br>(0.1 μ Sv/h)   |
|          | 21         | 港区            | 2 μ Sv<br>(0.08 μ Sv/h)  |
|          | 22         | 八王子市          | 3 μ Sν<br>(0.1 μ Sv/h)   |
| 神奈川県     | 23         | 横浜市           | 2 μ Sv<br>(0.08 μ Sv/h)  |
| 新潟県      | 24         | 長岡市           | _                        |
| 長野県      | 25         | 松本市           | 2 μ Sv<br>(0.08 μ Sv/h)  |
|          | 26         | . 上田市         | 2 μ Sv<br>(0.08 μ Sv/h)  |
| * 毎日14時前 | 多から翌日      | にかけて24時間の積算線量 | を測定                      |

<sup>\*</sup>毎日14時前後から翌日にかけて24時間の積算線量を測定 \*ポケット線量計の測定範囲の下限値は1 µ Svのため、下段は参考値 \*「一」となっている箇所については測定準備中



平成23年4月1日 19時00分現在 文 部 科 学 省

## 〇文部科学省が集計した結果 <u>注)太下線データが今回追加分</u>

- \*1 GM(ガイガー=ミューラー計測管)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

|                      |            | 数値(マイクロシーペルト/時)     |                                       |      | が成とという人がお出  |
|----------------------|------------|---------------------|---------------------------------------|------|-------------|
| 場所(福島第1発電所からの距離)     | 測定日時       | (記載のない限り屋外)         | 測定位置                                  | 天候   | 実施者         |
| 測定エリア【1】 (約60Km北西)   | 4月1日8時48分  | 2.7 *2              | N: 37 44 12.6<br>E: 140 28 02.9       | 降雨無し | 日本原子力研究開発機構 |
| 測定エリア【2】 (約55Km北西)   | 4月1日9時18分  | 3.8 *7              | N: 37 41 03.5 E: 140 33 08.2 T        | 降雨無し | 日本原子力研究開発機構 |
| 測定エリア【3】 (約45Km北西)   | 4月1日10時14分 | 3.3 *7              | N: 37 45' 12.6"<br>E: 140 44' 05.5"   | 降雨無し | 日本原子力研究開発機構 |
| 測定エリア [5] (約45Km北)   | 4月1日11時12分 | 0,8 *2              | N: 37 47 04.8 E: 140 55 16.4 E        | 降雨無し | 日本原子力研究開発機構 |
| 測定エリア【6】 (約45Km北)    | 4月1日11時34分 | 1.0 *2              | N: 37 42 02.7"<br>E: 140 58 00.0"     | 降雨無し | 日本原子力研究開発機構 |
| 測定エリア【7】 (約45Km北)    | 4月1日11時43分 | 1.112               | N: 37 41 13.6 E: 140 57 16.0          | 降雨無し | 日本原子力研究開発機構 |
| 測定エリア 【10】 (約40Km北西) | 4月1日16時03分 | <u>1.6 *²</u>       | N: 37 35 00.1  <br>E: 140 35          | 隆雨無し | 文部科学省       |
| 測定エリア【12】 (約40Km西)   | 4月1日11時39分 | 0.5 *2              | N: 37 25 14.9<br>E: 140 35 12.3       | 降雨無し | 文部科学省       |
| 測定エリア【13】 (約40Km西)   | 4月1日11時53分 | 0.5*2               | N: 37 26 06.0 E: 140 37 05.8          | 降雨無し | 文部科学省       |
| 測定エリア【14】 (約35Km西)   | 4月1日12時06分 | 0.2 %               | N: 37 26 02.6<br>E: 140 38 13.8       | 降雨無し | 文部科学省       |
| 測定エリア【15】 (約35Km西)   | 4月1日12時19分 | 0.6 12              | N: 37 26' 15.0"<br>E: 140 40' 14.8"   | 降雨無し | 文部科学省       |
| 謝定エリア【20】(約45Km北西)   | 4月1日10時37分 | 0.6 12              | N: 37 29 06.7<br>E: 140 34 15.1       | 降雨無し | 文部科学省       |
| 測定エリア【21】(約30Km西北西)  | 4月1日11時09分 | 23*2                | N: 37 30 08.0"<br>E: 140 42 02.4"     | 降雨無し | 文部科学省       |
| 測定エリア【22】(約30Km西北西)  | 4月1日11時00分 | 0,6 *2              | N: 37 30 11.5 E: 140 39 08.0          | 降雨無し | 文部科学省       |
| 測定エリア【23】(約30Km西北西)  | 4月1日10時48分 | 0.6 *2              | N: 37 30 05.3 E: 140 34 11.3          | 降雨無し | 文部科学省       |
| 謝定エリア【31】(約30Km西北西)  | 4月1日10時33分 | 15.4 *2             | N: 37 33 30.0 E: 140 44 54.0          | 降雨無し | 日本原子力研究開発機構 |
| 測定エリア【32】 (約30Km北西)  | 4月1日10時56分 | 36.2 * <sup>2</sup> | N: 37 35 30.0 E: 140 45 54.0          | 降南無し | 日本原子力研究開発機構 |
| 測定エリア【33】 (約30Km北西)  | 4月1日11時22分 | 18.2 <sup>eq</sup>  | N: 37° 36' 30.0"<br>E: 140° 45' 54.0" | 降雨無し | 日本原子力研究開発機構 |

- \*1 GM(ガイガー=ミューラー計測管)における値 \*2 電離箱における値 \*3 Nal(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

| 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)<br>(記載のない限り屋外)                    | 測定位置                                | 天候          | 実施者         |
|------------------------------|------------|---|-------------------------------------|-------------|-------------|
| 測定エリア【34】 (約30Km北西)          | 4月1日13時02分 | 5.8 *2  | N: 37 33 00.8 E: 140 44 07.0        | 降雨無し        | 日本原子力研究開発機構 |
| 測定エリア 【36】 (約40Km北西)         | 4月1日10時08分 | 5.7 *2  | N: 37 36 18.8 E: 140 40 07.9        | 降雨無し        | 日本原子力研究開発機構 |
| 測定エリア【37】 (約50km北西)          | 4月1日9時57分  | 4.6 *2  | N: 37 45' 06.7"<br>E: 140 41' 29.2" | 降雨無し        | 日本原子力研究開発機構 |
| 測定エリア【38】 (約35km南)           | 4月1日11時37分 | 1.0 *2  | N: 37 07 30.7<br>E: 140 57 06.4     | 降雨無し        | 文部科学省       |
| <u> 測定エリア [39] (約45km北)</u>  | 4月1日10時53分 | 13 4  | N: 37 45 52.7<br>E: 140 51 47.1     | 降雨無し        | 日本原子力研究開発機構 |
| <u> 測定エリア 【51】 (約40Km南西)</u> | 4月1日13時45分 | <u>0.3*3</u>                                      | F                                   | 降雨無し        | 福島県         |
| <u>測定エリア 【51】 (約40Km南西)</u>  | 4月1日10時42分 | 0.3 43  | Nt :                                | <u>降雨無し</u> | 福島県         |
| 測定エリア【52】 (約40Km西)           | 4月1日14時23分 | <u>0.3 *3</u>                                     | N:                                  | 陸南無し        | 福島県         |
| <u>測定エリア [52] (約40Km西)</u>   | 4月1日12時05分 | <u>0.3 *3</u> ·                                   | <u>N.</u>                           | 降雨無し        | <u>福島県</u>  |
| <u>測定エリア【81】(約40Km北西)</u>    | 4月1日14時59分 | <u>6.1 *3</u>                                     | <u>N:</u>                           | <u> </u>    | 福島県         |
| <u>測定エリア【81】 (約40Km北西)</u>   | 4月1日12時46分 | 7.1 *3  | <u>N</u> .                          | 降南無し        | 福島県         |
| <u> 測定エリア [62] (約40Km北西)</u> | 4月1日15時15分 | <u>7.4*3</u>                                      | N:<br>E                             | <u>降雨無し</u> | 福島県         |
| <u> 測定エリア [62] (約40Km北西)</u> | 4月1日12時34分 | <u>7.7 *3</u>                                     | <u>N</u>                            | <u>降雨無し</u> | 福島県         |
| <u> 測定エリア [63] (約45Km北西)</u> | 4月1日15時49分 | <u>3.2 *3                                    </u> | N:                                  | <u>降雨無し</u> | 福島県         |
| <u> 測定エリア [63] (約45Km北西)</u> | 4月1日11時13分 | <u>2.8 *3</u>                                     | <u>N</u> :                          | <u>降雨無し</u> | 福島県         |
| 測定エリア【71】 (約25Km南)           | 4月1日8時31分  | 2.5 12  |                                     | 降雨無し        | 警察(NBC対策部隊) |
| 測定エリア【72】 (約30Km南)           | 4月1日12時42分 | 1.6 *2  |                                     | 降雨無し        | 文部科学省       |
| 測定エリア【72】 (約30Km南)           | 4月1日9時11分  | 0.8 12  |                                     | 降雨無し        | 警察(NBC対策部隊) |
| 測定エリア【73】 (約35Km南)           | 4月1日11時57分 | 1.4 17  |                                     | 降雨無し        | 文部科学省       |
| 測定エリア【73】 (約35Km南)           | 4月1日9時27分  | 0.7 12  |                                     | 降雨無し        | 警察(NBC対策部隊) |
| 測定エリア【74】 (約35Km南)           | 4月1日11時08分 | 02 2  |                                     | 降雨無し        | 文部科学省       |
| 測定エリア【74】 (約35Km南)           | 4月1日9時55分  | 0.3 **  |                                     | 降雨無し        | 警察(NBC対策部隊) |
| 測定エリア【75】 (約45Km南)           | 4月1日10時30分 | 0.8*7   |                                     | 降雨無し        | 文部科学省       |

- \*1 GM(カイカー=ミューラー計測管)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

| 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)<br>(記載のない限り屋外) | 測定位置                                  | 天候   | 実施者         |
|------------------------------|------------|--------------------------------|---------------------------------------|------|-------------|
| 測定エリア【75】 (約45Km南)           | 4月1日7時00分  | 0.8 *2                         |                                       | 降雨無し | 警察(NBC対策部隊) |
| 測定エリア【76】 (約25Km南西)          | 4月1日11時03分 | 0.6*2                          |                                       | 降雨無し | 警察(NBC対策部隊) |
| 測定エリア【77】 (約25Km南西)          | 4月1日10時45分 | 22*2                           |                                       | 降雨無し | 警察(NBC対策部隊) |
| 測定エリア【78】 (約45Km北西)          | 4月1日7時47分  | 0.8*2                          |                                       | 降雨無し | 警察(NBC対策部隊) |
| 測定エリア【79】 (約30Km北西)          | 4月1日12時26分 | 16.5* <sup>2</sup>             |                                       | 降雨無し | 日本原子力研究開発機構 |
| 測定エリア【79】 (約30Km北西)          | 4月1日9時56分  | 15.5*2                         |                                       | 降雨無し | 警察(NBC対策部隊) |
| 測定エリア [80] (約25Km北)          | 4月1日12時33分 | 0.7*2                          |                                       | 降雨無し | 日本原子力研究開発機構 |
| 測定エリア【80】 (約25Km北)           | 4月1日12時02分 | 0.7 *2                         |                                       | 降雨無し | 警察(NBC対策部隊) |
| 測定エリア【81】(約30Km西北西)          | 4月1日8時34分  | 34.5 *2                        |                                       | 降雨無し | 警察(NBC対策部隊) |
| 測定エリア【83】 (約20Km北西)          | 4月1日12時47分 | 70.9 <sup>s2</sup>             |                                       | 降雨無し | 日本原子力研究開発機構 |
| 測定エリア【83】 (約20Km北西)          | 4月1日10時11分 | 60.5 *²                        |                                       | 降雨無し | 警察(NBC対策部隊) |
| 測定エリア【84】 (約40km南西)          | 4月1日9時50分  | 0.5 *2                         |                                       | 降雨無し | 文部科学省       |
| 測定エリア <u>【85】 (約60km北西)</u>  | 4月1日14時00分 | <u>1.0 <sup>eq</sup></u>       | N: 37 42 45.0 E: 140 22 59.0          | 陸雨無し | 防衛省         |
| 測定エリア【85】 (約60km北西)          | 4月1日6時00分  | 0.3 *2                         | N: 37 42 45.0"<br>E: 140 22 59.0"     | 降雨無し | 防衛省         |
| 測定エリア [86] (約55km西)          | 4月1日14時00分 | <u>1.1 <sup>q</sup></u>        | N: 37 23 57.0<br>E: 140 19 35.0       | 隆丽無し | 防衛省         |
| 謝定エリア【86】 (約55km西)           | 4月1日6時00分  | 13*2                           | N: 37 23 57.0"<br>E: 140 19 35.0"     | 降雨無し | 防衛省         |
| 謝定エリア <u>[87] (約30km西南西)</u> | 4月1日14時00分 | <u>12 °</u>                    | N: 37 23 57.0 E 140 19 35.0           | 降雨無し | 防衛省         |
| 測定エリア【87】(約30km西南西)          | 4月1日6時00分  | 1.0 12                         | N: 37° 23' 57.0°<br>E: 140° 19' 35.0° | 降雨無し | 防衛省         |

H23.4.1 19:00

(#Sv/h(マイクロシーベルト弁殊))

| H23.4.1 19.00 (μsν/h(マイクロシーベル |                      |       |       |       |       |                |       |       | イクロシーベルト毎時))   |         |       |        |       |       |       |                            |
|-------------------------------|----------------------|-------|-------|-------|-------|----------------|-------|-------|----------------|---------|-------|--------|-------|-------|-------|----------------------------|
|                               | 施管应报点                |       |       |       | 3月31日 |                |       |       | 4月1日           |         |       |        |       |       |       |                            |
|                               | 都道府県名                | 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   | 過去の平常値の範囲                  |
| 1                             | 北海道(札幌市)             | 0.028 | 0.028 | 0.028 | 0.028 | 0.028          | 0.028 | 0.028 | 0.028          | 0.028   | 0.028 | 0.028  | 0.028 | 0.028 | 0.028 | 0.02~0.105                 |
| 2                             | 青森県(青森市)             | 0.026 | 0.026 | 0.027 | 0.027 | 0.027          | 0.027 | 0.027 | 0.027          | 0.027   | 0.027 | 0.027  | 0.027 | 0.027 | 0.028 | 0.017~0.102                |
| 3                             | 岩手県(盛岡市)             | 0.026 | 0.029 | 0.027 | 0.026 | 0.026          | 0.026 | 0.027 | 0.027          | 0.027   | 0.027 | 0.028  | 0.027 | 0.027 | 0.028 | 0.014~0.084                |
| 4                             | 宮城県(仙台市)             | 0.088 | 0.086 | 0.086 | 0.085 | 0.085          | 0.084 | 0.083 | 0.083          | 0.083   | 0.082 | 0.082  | 0.081 | 0.080 | 0.081 | 0.0176~0.0513              |
| 5                             | 秋田県(秋田市)             | 0.035 | 0.035 | 0.035 | 0.035 | 0.035          | 0.036 | 0.036 | 0.036          | 0.036   | 0.037 | 0.037  | 0.037 | 0.037 | 0.037 | 0.022~0.086                |
| 6                             | 山形県(山形市)             | 0.063 | 0.063 | 0.063 | 0.063 | 0.063          | 0.063 | 0.063 | 0.064          | 0.064   | 0.064 | 0.064  | 0.063 | 0.064 | 0.064 | 0.025~0.082                |
| 7                             | 福島県(双葉郡)             |       |       |       |       |                |       |       |                |         |       |        |       |       |       | 0.037~0.071                |
| 8                             | 茨城県(水戸市)             | 0.195 | 0.194 | 0.194 | 0.194 | 0.194          | 0.193 | 0.193 | 0.193          | 0.192   | 0.193 | 0.192  | 0.191 | 0.192 | 0.191 | 0.036~0.056                |
| 9                             | 栃木県(字都宮市)            | 0.092 | 0.092 | 0.092 | 0.092 | 0.092          | 0.092 | 0.092 | 0.092          | 0.092   | 0.092 | 0.092  | 0.092 | 0.092 | 0.092 | 0.030~0.067                |
| 10                            | 群馬県(前橋市)             | 0.055 | 0.055 | 0.054 | 0.054 | 0.054          | 0.054 | 0.054 | 0.054          | 0.054   | 0.055 | 0.055  | 0.055 | 0.055 | 0.055 | 0.017~0.045                |
| 11                            | 埼玉県(さいたま市)           | 0.080 | 0.080 | 0.080 | 0.080 | 0.080          | 0.080 | 0.080 | 0.080          | 0.079   | 0.079 | 0.079  | 0.080 | 0.080 | 0.080 | 0.031~0.060                |
| 12                            | 千葉県(市原市)             | 0.072 | 0.071 | 0.071 | 0.070 | 0.071          | 0.071 | 0.071 | 0071           | 0.071   | 0.071 | 0.071  | 0.070 | 0.071 | 0.071 | 0.022~0.044                |
| 13                            | 東京郡(新宿区)             | 0.099 | 0.099 | 0.099 | 0.098 | 0.098          | 0.098 | 0.098 | 0.098          | 0.098   | 0.098 | 0.098  | 0.098 | 0.098 | 0.098 | 0.028~0.079                |
| 14                            | 神奈川県(茅ヶ崎市)           | 0.073 | 0.070 | 0.069 | 0.068 | 0.068          | 0.068 | 0.068 | 0.068          | 0.068   | 0.068 | 0.068  | 0.068 | 0.068 | 0.068 | 0.035~0.069                |
| 15                            | 新潟県(新潟市)             | 0.048 | 0.048 | 0.048 | 0.048 | 0.048          | 0.048 | 0.047 | 0.047          | 0.047   | 0.047 | 0.047  | 0.047 | 0.047 | 0.048 | 0.031~0.153                |
| 16                            | 富山県(射水市)             | 0.048 | 0.049 | 0,048 | 0.048 | 0.048          | 0.048 | 0.049 | 0.049          | 0.049   | 0.050 | 0.049  | 0.050 | 0.049 | 0.050 | 0.029~0.147                |
| 17                            | 石川県(金沢市)             | 0.047 | 0.047 | 0.048 | 0.048 | 0.048          | 0.048 | 0.048 | 0.048          | 0.048   | 0.048 | 0.048  | 0.048 | 0.048 | 0.048 | 0.0291~0.1275              |
| 18                            | 福井県(福井市)             | 0.045 | 0.046 | 0.046 | 0.046 | 0.046          | 0.046 | 0.047 | 0.046          | 0.047   | 0.046 | 0.047  | 0.047 | 0.047 | 0.047 | 0.032~0.097                |
| 19                            | 山梨県(甲府市)             | 0.044 | 0.044 | 0.044 | 0.044 | 0.044          | 0.044 | 0.044 | 0.044          | 0.044   | 0.045 | 0.045  | 0.045 | 0.045 | 0.045 | 0.040~0.064                |
| 20                            | 長野県(長野市)             | 0.047 | 0.046 | 0.045 | 0.045 | 0.045          | 0.045 | 0.046 | 0.046          | 0.046   | 0.047 | 0.047  | 0.047 | 0.048 | 0.048 | 0.0299~0.0974              |
| 21                            | 岐阜県(各務原市)            | 0.060 | 0.050 | 0.060 | 0.060 | 0.061          | 0.061 | 0.061 | 0.061          | 0.062   | 0.062 | 0.062  | 0.062 | 0.063 | 0.063 | 0.057~0.110                |
| 22                            | 静岡県(静岡市)             | 0.042 | 0.041 | 0.041 | 0.041 | 0.041          | 0.040 | 0.040 | 0.040          | 0.040   | 0.041 | 0.041  | 0.041 | 0.041 | 0.040 | 0.0281~0.0765              |
| 23                            | 愛知県(名古屋市)            | 0.039 | 0.039 | 0.039 | 0.039 | 0.039          | 0.040 | 0.040 | 0.040          | 0.041   | 0.041 | 0.041  | 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 | 0.046 | 0.046          | 0.046   | 0.046 | 0.046  | 0.046 | 0.047 | 0.047 | 0.0416~0.0789              |
| 25                            | 滋賀県(大津市)             | 0.033 | 0.033 | 0.033 | 0.033 | 0.033          | 0.033 | 0.033 | 0.034          | 0.035   | 0.035 | 0.035  | 0.036 | 0.036 | 0.037 | 0.031~0.061                |
| 26                            | 京都府(京都市)             | 0.038 | 0.038 | 0.038 | 0.038 | 0.038          | 0.038 | 0.038 | 0.039          | 0.039   | 0.039 | 0.039  | 0.039 | 0.040 | 0.040 | 0.033~0.087                |
| 27                            | 大阪府(大阪市)             | 0.043 | 0.043 | 0.042 | 0.042 | 0.043          | 0.043 | 0.042 | 0.043          | 0.043   | 0.043 | 0.043  | 0.043 | 0.044 | 0.044 | 0.042~0.061                |
| 28                            | 兵庫県(神戸市)             | 0.037 | 0.037 | 0.037 | 0.037 | 0.037          | 0.037 | 0.038 | 0.038          | 0.038   | 0.038 | 0.037  | 0.037 | 0.038 | 0.038 | 0.035~0.076                |
| 29                            | 奈良県(奈良市)             | 0.047 | 0.047 | 0.048 | 0.048 | 0.048          | 0.048 | 0,048 | 0.049          | 0.049   | 0.049 | 0.049  | 0.050 | 0.050 | 0.050 | 0.046~0.08                 |
| 30                            | 和歌山県(和歌山市)           | 0.032 | 0.032 | 0.032 | 0.032 | 0.032          | 0.032 | 0.033 | 0.033          | 0.033   | 0.033 | 0.033  | 0.033 | 0.033 | 0.034 | 0.031~0.056                |
| 31                            | 島取県(東伯郡)             | 0.063 | 0.063 | 0.063 | 0.063 | 0.064          | 0.064 | 0.063 | 0.063          | 0.064   | 0.064 | 0.064  | 0.064 | 0.064 | 0.064 | 0.036~0.11                 |
| 32                            | 島根県(松江市)<br>岡山県(岡山市) | 0.037 | 0.037 | 0.037 | 0.037 | 0.037          | 0.038 | 0.038 | 0.039          | 0.039   | 0.039 | 0.040  | 0.040 | 0.040 | 0.040 | 0.033~0.079                |
| 33                            | 広島県(広島市)             | 0.049 | 0.048 | 0.049 | 0.049 | 0.049          | 0.049 | 0.050 | 0.050          | 0.051   | 0.051 | 0.051  | 0.051 | 0.051 | 0.052 | 0.043~0.104                |
| 34<br>35                      | 山口県(山口市)             | 0.046 | 0.046 | 0.047 | 0.047 | 0.047          | 0.047 | 0.048 | 0.048          | 0.048   | 0.049 | 0.049  | 0.049 | 0.049 | 0.049 | 0.035~0.069<br>0.084~0.128 |
|                               | 徳島県(徳島市)             |       | 0.032 | 0.038 | 0.038 |                |       |       | _              |         | 0.039 | 0.039  | 0.039 | 0.039 | 0.040 |                            |
| 35<br>37                      | 香川県(高松市)             | 0.038 | 0.062 | 0.063 | 0.063 | 0.038<br>0.064 | 0.038 | 0.038 | 0.039          | 0.039   | 0.039 | 0.039  | 0.067 | 0.069 | 0.040 | 0.037~0.067<br>0.051~0.077 |
|                               | 愛媛県(松山市)             | 0.009 | 0.047 | 0.047 | 0.048 |                |       |       |                | 0.049   | 0.070 | 0.050  | 0.050 | 0.050 | 0.050 |                            |
| 38                            | 高知県(高知市)             | 0.025 | 0.025 | 0.025 | 0.025 | 0.048<br>0.026 | 0.048 | 0.049 | 0.049<br>0.026 | 0.027   | 0.027 | 0.030  | 0.027 | 0.027 | 0.000 | 0.045~0.074<br>0.023~0.076 |
| 3                             | 福岡県(太宰府市)            | 0.025 | 0.025 | 0.036 | 0.025 | 0.020          | 0.026 | 0.026 | 0.020          | 0.027   | 0.027 | 0.027  | 0.027 | 0.027 | 0.027 | 0.034~0.079                |
| 41                            | 佐賀県(佐賀市)             | 0.040 | 0.030 | 0.040 | 0.040 | 0.037          | 0.040 | 0.040 | 0.040          | 0.040   | 0.037 | 0.037  | 0.037 | 0.038 | 0.038 | 0.034~0.079                |
| 42                            | 長崎県(大村市)             | 0.029 | 0.029 | 0.029 | 0.029 | 0.040          | 0.029 | 0.029 | 0.029          | 0.029   | 0.029 | 0.029  | 0.029 | 0.029 | 0.029 | 0.037~0.069                |
| 43                            | 熊本県(宇土市)             | 0.027 | 0.027 | 0.023 | 0.023 | 0.023          | 0.028 | 0.027 | 0.023          | 0.023   | 0.028 | 0.029  | 0.029 | 0.029 | 0.029 | 0.021~0.067                |
| 4                             | 大分県(大分市)             | 0.050 | 0.050 | 0.050 | 0.050 | 0.050          | 0.050 | 0.050 | 0.050          | 0.050   | 0.051 | 0.051  | 0.051 | 0.023 | 0.023 | 0.048~0.085                |
| 45                            | 宮崎県(宮崎市)             | 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 | 0.0243~0.0664              |
| $\vdash$                      | 鹿児島県(鹿児島市)           | 0.035 | 0.034 | 0.034 | 0.035 | 0.035          | 0.027 | 0.025 | 0.027          | 0.036   | 0.036 | 0.035  | 0.036 | 0.036 | 0.036 | 0.0306~0.0943              |
| 47                            | 沖縄県(うるま市)            | 0.021 | 0.021 | 0.021 | 0.033 | 0.033          | 0.021 | 0.021 | 0.021          | 0.030   | 0.030 | 0.021  | 0.021 | 0.021 | 0.021 | 0.0133~0.0575              |
|                               | ・守徳間づけ 可振和:          |       |       |       | 0.0(1 | V.VL I         | 4.021 | 0.061 | V.V6 1         | 0.021   | WATI  | V.VE I | WOET  | 4.461 | 0.021 | 0.0199 -0.0019             |

<sup>|</sup> 大海県代グラボの | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 | 1027 |

(〃Sv/h(マイクロシーベルト毎時))

| H23. | #23.4.1 19:00 (µSv/h(マイクロシーベルト毎時)) |            |              |          |              |       |       |       |       |              |              |               |
|------|------------------------------------|------------|--------------|----------|--------------|-------|-------|-------|-------|--------------|--------------|---------------|
|      | ###B                               |            |              |          |              | 4月    | 4月1日  |       |       |              |              |               |
|      | 都道府県名                              | 7-8        | B-9          | 9-10     | 10-11        | 11-12 | 12-13 | 13-14 | 14-15 | <u>15-16</u> | 16-17        | 過去の平常値の範囲     |
| T    | 北海道(札幌市)                           | 0.028      | 0.028        | 0.028    | 0.028        | 0.028 | 0.028 | 0.028 | 0.028 | 0.028        | 0.028        | 0.02~0.105    |
| 2    | 青森県(青森市)                           | 0.028      | 0.027        | 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)                           | 0.027      | 0.027        | 0.027    | 0.026        | 0.026 | 0.026 | 0.026 | 0.025 | 0.026        | 0.025        | 0.014~0.084   |
| 4    | 宮城県(仙台市)                           | 0.082      | 0.087        | 0.091    | 0.092        | 0.091 | 0.091 | 0.091 | 0.091 | 0.090        | 0.088        | 0.0176~0.0513 |
| 5    | 秋田県(秋田市)                           | 0.036      | 0.036        | 0.036    | 0.035        | 0.035 | 0.035 | 0.035 | 0.035 | 0.035        | 0.035        | 0.022~0.086   |
| 6    | 山形県(山形市)                           | 0.064      | 0.063        | 0.063    | 0.062        | 0.062 | 0.062 | 0.062 | 0.062 | 0.062        | 0.062        | 0.025~0.082   |
| 7    | 福島県(双葉郡)                           |            |              |          |              |       |       |       |       |              |              | 0.037~0.071   |
| 8    | 茨城県(水戸市)                           | 0.192      | 0.191        | 0.190    | 0.189        | 0.189 | 0.189 | 0.189 | 0.188 | 0.188        | 0.188        | 0.036~0.056   |
| 9    | 栃木県(宇都宮市)                          | 0.091      | 0.091        | 0.090    | 0.090        | 0.090 | 0.090 | 0.090 | 0.089 | 0.089        | 0.089        | 0.030~0.067   |
| 10   | 群馬県(前橋市)                           | 0.055      | 0.054        | 0.054    | 0.054        | 0.053 | 0.053 | 0.053 | 0.053 | 0.053        | 0.052        | 0.017~0.045   |
| 11   | 埼玉県(さいたま市)                         | 0.080      | 0.079        | 0.079    | 0.079        | 0.078 | 0.078 | 0.078 | 0.078 | 0.077        | 0.078        | 0.031~0.060   |
| 12   | 千葉県(市原市)                           | 0.070      | 0.070        | 0.069    | 0.069        | 0.069 | 0.069 | 0.068 | 0.068 | 0.068        | 0.068        | 0.022~0.044   |
| 13   | 東京都(新宿区)                           | 0.098      | 0.099        | 0.099    | 0.099        | 0.098 | 0.098 | 0.098 | 0.097 | 0.097        | 0.097        | 0.028~0.079   |
| 14   | 神奈川県(茅ヶ崎市)                         | 0.068      | 0.067        | 0.067    | 0.067        | 0.067 | 0.066 | 0.067 | 0.066 | 0.066        | 0.066        | 0.035~0.069   |
| 15   | 新潟県(新潟市)                           | 0.048      | 0.047        | 0.047    | 0.047        | 0.047 | 0.047 | 0.046 | 0.046 | 0.046        | 0.046        | 0.031~0.153   |
| 16   | 富山県(射水市)                           | 0.050      | 0.049        | 0.049    | 0.049        | 0.049 | 0.048 | 0.048 | 0.048 | 0.048        | 0.048        | 0.029~0.147   |
| 17   | 石川県(金沢市)                           | 0.048      | 0.048        | 0.048    | 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)                           | 0.047      | 0.047        | 0.046    | 0.045        | 0.044 | 0.044 | 0.044 | 0.044 | 0.044        | 0.045        | 0.032~0.097   |
| 19   | 山梨県(甲府市)                           | 0.045      | 0.045        | 0.044    | 0.044        | 0.044 | 0.044 | 0.044 | 0,044 | 0.043        | 0.044        | 0.040~0.064   |
| 20   | 長野県(長野市)                           | 0.048      | 0.047        | 0.046    | 0.046        | 0.046 | 0.046 | 0.045 | 0.046 | 0.045        | 0.045        | 0.0299~0.0974 |
| 21   | 岐阜県(各務原市)                          | 0.063      | 0.063        | 0.062    | 0.062        | 0.061 | 0.061 | 0.060 | 0.060 | 0.060        | 0.060        | 0.057~0.110   |
| 22   | 静岡県(静岡市)                           | 0.040      | 0.040        | 0.042    | 0.043        | 0.043 | 0.044 | 0.043 | 0.042 | 0.042        | 0.041        | 0.0281~0.0765 |
| 23   | 愛知県(名古屋市)                          | 0.043      | 0.043        | 0.043    | 0.041        | 0.040 | 0.040 | 0.039 | 0.039 | 0.039        | 0.039        | 0.035~0.074   |
| 24   | 三重県(四日市市)                          | 0.047      | 0.047        | 0.047    | 0.047        | 0.047 | 0.047 | 0.046 | 0.046 | 0.046        | 0.046        | 0.0416~0.0789 |
| 25   | 滋賀県(大津市)                           | 0.037      | 0.036        | 0.035    | <u>0.035</u> | 0.034 | 0.033 | 0.032 | 0.032 | 0.032        | 0.032        | 0.031~0.061   |
| 26   | 京都府(京都市)                           | 0.040      | 0.040        | 0.039    | 0.038        | 0.038 | 0.038 | 0.038 | 0.037 | 0.037        | 0.037        | 0.033~0.087   |
| 27   | 大阪府(大阪市)                           | 0.044      | 0.043        | 0.043    | 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)                           | 0.039      | 0.038        | 0.037    | 0.037        | 0.037 | 0.036 | 0.037 | 0.037 | 0.037        | <u>0.037</u> | 0.035~0.076   |
| 29   | 奈良県(奈良市)                           | 0.050      | 0.049        | 0.048    | 0.047        | 0.047 | 0.047 | 0.047 | 0.047 | 0.047        | 0.047        | 0.046~0.08    |
| 30   | 和歌山県(和歌山市)                         | 0.033      | 0.033        | 0.033    | 0.032        | 0.032 | 0.032 | 0.032 | 0.031 | 0.032        | 0.031        | 0.031~0.056   |
| 31   | 島取県(東伯郡)                           | 0.064      | 0.064        | 0.063    | 0.063        | 0.063 | 0.063 | 0.063 | 0.063 | 0.063        | 0.063        | 0.036~0.11    |
| 32   | 島根県(松江市)                           | 0.040      | 0.040        | 0.039    | 0.038        | 0.038 | 0.037 | 0.037 | 0.037 | 0.036        | 0.037        | 0.033~0.079   |
| 33   | 岡山県(岡山市)                           | 0.052      | 0.051        | 0.050    | 0.050        | 0.050 | 0.049 | 0.049 | 0.049 | 0.049        | 0.048        | 0.043~0.104   |
| 34   | 広島県(広島市)                           | 0.050      | 0.050        | 0.049    | 0.048        | 0.047 | 0.047 | 0.046 | 0.046 | 0.046        | 0.046        | 0.035~0.069   |
| 35   | 山口県(山口市)                           | 0.096      | 0.096        | 0.094    | 0.094        | 0.093 | 0.093 | 0.092 | 0.091 | 0.091        | 0.092        | 0.084~0.128   |
| 36   | 徳島県(徳島市)                           | 0.039      | 0.039        | 0.039    | 0.038        | 0.038 | 0.038 | 0.038 | 0.038 | 0.038        | 0.038        | 0.037~0.067   |
| 37   | 香川県(高松市)                           | 0.056      | 0.056        | 0.064    | 0.066        | 0.067 | 0.054 | 0.058 | 0.062 | 0.054        | 0.054        | 0.051~0.077   |
| 38   | 愛媛県(松山市)                           | 0.050      | 0.049        | 0.049    | 0.048        | 0.048 | 0.047 | 0.047 | 0.047 | 0.046        | 0.047        | 0.045~0.074   |
| 39   | 髙知県(高知市)                           | 0.027      | 0.027        | 0.027    | 0.026        | 0.025 | 0.024 | 0.024 | 0.024 | 0.024        | 0.024        | 0.023~0.076   |
| 40   | 福岡県(太宰府市)                          | 0.038      | 0.037        | 0.037    | 0.037        | 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      | 0.041        | 0.041    | 0.041        | 0.040 | 0.040 | 0.040 | 0.040 | 0.039        | 0.040        | 0.037~0.086   |
| 42   | 長崎県(大村市)                           | 0.029      | 0.029        | 0.030    | 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)                           | 0.029      | 0.029        | 0.029    | 0.028        | 0.028 | 0.028 | 0.028 | 0.026 | 0.027        | 0.027        | 0.021~0.067   |
| 44   | 大分県(大分市)                           | 0.051      | 0.051        | 0.052    | 0.050        | 0.050 | 0.051 | 0.051 | 0.050 | 0.050        | 0.050        | 0.048~0.085   |
| 45   | 宮崎県(宮崎市)                           | 0.027      | 0.027        | 0.027    | 0.027        | 0.027 | 0.026 | 0.026 | 0.026 | 0.026        | 0.026        | 0.0243~0.0664 |
| 46   | 庭児島県(鹿児島市)                         | 0.036      | 0.036        | 0.035    | 0.035        | 0.034 | 0.034 | 0.034 | 0.034 | 0.034        | 0.034        | 0.0306~0.0943 |
| 47   | 沖縄県(うるま市)                          | 0.021      | 0.021        | 0.021    | 0.021        | 0.021 | 0.021 | 0021  | 0.020 | 0.021        | <u>0.021</u> | 0.0133~0.0575 |
|      | *宣城里でけ 可燃型:                        | r - 5115 J | 11 - I I - I | . 7 .mic |              |       |       |       |       |              |              |               |

<sup>・</sup>宮城県では、可郷型モニタリングポストによる測定・ ・福島県では、モニタリングポスト周辺の空間線量が高いことから測定が困難であるが、その分のデータはモニタリングカーを用いて測定。 別責料の「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(4月1日19:00現在)」参照。 \*空間は機器点検等のための欠測等

<sup>\*</sup>本データは、「µGy/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 \*文部科学者が各都道府県等からの報告に基づき作成

平成23年4月1日 13時00分現在 文 部 科 学 省

### 〇文部科学省が集計した結果

- \*1 GM(ガイガー=ミューラー計測管)における値
- \*2 電離箱における値
- \*3 Nal(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

| 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)<br>(記載のない限り屋外) | 測定位置                                  | 天候   | 実施者         |
|---------------------|------------|--------------------------------|---------------------------------------|------|-------------|
| 測定エリア【1】 (約60Km北西)  | 4月1日8時48分  | 2.7*2                          | N: 37 44' 12.6"<br>E: 140 28 02.9"    | 降雨無し | 日本原子力研究開発機構 |
| 測定エリア【2】(約55Km北西)   | 4月1日9時18分  | 3.8 *2                         | N: 37 41 03.5 E: 140 33 08.2 T        | 降雨無し | 日本原子力研究開発機構 |
| 測定エリア 【3】 (約45Km北西) | 4月1日10時14分 | 3.3 *2                         | N: 37 45' 12.6"<br>E: 140 44' 05.5"   | 降雨無し | 日本原子力研究開発機構 |
| 測定エリア【5】 (約45Km北)   | 4月1日11時12分 | 0.8 *2                         | N: 37 47 04.8"<br>E: 140 55 16.4"     | 降雨無し | 日本原子力研究開発機構 |
| 測定エリア【6】 (約45Km北)   | 4月1日11時34分 | 1.0 *2                         | N: 37 42 02.7<br>E: 140 58 00.0       | 降雨無し | 日本原子力研究開発機構 |
| 測定エリア【7】 (約45Km北)   | 4月1日11時43分 | 1.1 *2                         | N: 37 41 13.6"<br>E: 140 57 16.0"     | 降雨無し | 日本原子力研究開発機構 |
| 測定エリア【12】 (約40Km西)  | 4月1日11時39分 | 0.5 *2                         | N: 37° 25' 14.9″<br>E: 140° 35' 12.3″ | 降雨無し | 文部科学省       |
| 測定エリア【13】 (約40Km西)  | 4月1日11時53分 | 0.5 *2                         | N: 37° 26' 06.0"<br>E: 140° 37' 05.8" | 降雨無し | 文部科学省       |
| 測定エリア【20】(約45Km北西)  | 4月1日10時37分 | 0.6 *2                         | N: 37 29 06.7"<br>E: 140 34 15.1"     | 降雨無し | 文部科学省       |
| 測定エリア【21】(約30Km西北西) | 4月1日11時09分 | 2.3*2                          | N: 37° 30' 08.0"<br>E: 140° 42' 02.4" | 降雨無し | 文部科学省       |
| 測定エリア【22】(約30Km西北西) | 4月1日11時00分 | 0.6 *2                         | N: 37 30 11.5"<br>E: 140 39 08.0"     | 降雨無し | 文部科学省       |
| 測定エリア【23】(約30Km西北西) | 4月1日10時48分 | 0.6*2                          | N: 37 30 05.3 "<br>E: 140 34 11.3 "   | 降雨無し | 文部科学省       |
| 測定エリア【31】(約30Km西北西) | 4月1日10時33分 | 15.4 *2                        | N: 37 33 30.0"<br>E: 140 44 54.0"     | 降雨無し | 日本原子力研究開発機構 |
| 測定エリア【32】 (約30Km北西) | 4月1日10時56分 | 36.2 * <sup>2</sup>            | N: 37 35 30.0 "<br>E: 140 45 54.0 "   | 降雨無し | 日本原子力研究開発機構 |
| 別党Tリア「22】(約20mかあ)   | 4日1月11時22分 | 19.2*2                         | N: 37° 36' 30.0"                      | 降雨無! | 日太陌子力研空盟桑機構 |

- \*1 GM(ガイガー=ミューラー計測管)における値 \*2 電離箱における値 \*3 Nal(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

| 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)<br>(記載のない限り屋外) | 測定位置                                  | 天候      | 実施者                  |
|----------------------------|-----------------|--------------------------------|---------------------------------------|---------|----------------------|
| MINCESS [00] (#JoorgingET) | 1/1 that isdee/ | 10.2                           | E: 140 45' 54.0"                      | PTHIMAC | HI W JC (RID C LA IN |
| 測定エリア【36】 (約40Km北西)        | 4月1日10時08分      | 5.7*2                          | N: 37° 36' 18.8″<br>E: 140° 40' 07.9″ | 降雨無し    | 日本原子力研究開発機構          |
| 測定エリア【37】 (約50km北西)        | 4月1日9時57分       | 4.6 *2                         | N: 37 45 06.7<br>E: 140 41 29.2 "     | 降雨無し    | 日本原子力研究開発機構          |
| 測定エリア【38】 (約35km南)         | 4月1日11時37分      | 1.0 *2                         | N: 37° 07' 30.7″<br>E: 140° 57' 06.4″ | 降雨無し    | 文部科学省                |
| 測定エリア【74】 (約35Km南)         | 4月1日11時08分      | 0.2*2                          |                                       | 降雨無し    | 文部科学省                |
| 測定エリア【75】 (約45Km南)         | 4月1日10時30分      | 0.8*2                          |                                       | 降雨無し    | 文部科学省                |
| <b>測定エリア【84】(約40km</b> 南西) | 4月1日9時50分       | 0.5 *2                         |                                       | 降雨無し    | 文部科学省                |
| 測定エリア【85】 (約60km北西)        | 4月1日6時00分       | 0.3 *2                         | N: 37 42 45.0 E: 140 22 59.0 7        | 降雨無し    | 防衛省                  |
| 測定エリア【86】 (約55km西)         | 4月1日6時00分       | 1.3*2                          | N: 37° 23' 57.0"<br>E: 140° 19' 35.0" | 降雨無し    | 防衛省                  |
| 測定エリア【87】(約30km西南西)        | 4月1日6時00分       | 1.0*2                          | N: 37° 23' 57.0"<br>E: 140° 19' 35.0" | 降雨無し    | 防衛省                  |

平成23年4月1日 13時00分現在 文 部 科 学 省

### 〇文部科学省が集計した結果

- \*1 GM(ガイガー=ミューラー計測管)における値
- \*2 電離箱における値
- \*3 Nal(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

| 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)<br>(記載のない限り屋外) | 測定位置                                  | 天候         | 実施者         |
|---------------------|------------|--------------------------------|---------------------------------------|------------|-------------|
| 測定エリア [1] (約60Km北西) | 4月1日8時48分  | 2.7 *2                         | N: 37° 44' 12.6"<br>E: 140° 28' 02.9" | 降雨無し       | 日本原子力研究開発機構 |
| 測定エリア 【2】 (約55Km北西) | 4月1日9時18分  | 3.8 *2                         | N: 37 41 03.5 E: 140 33 08.2 2        | 降雨無し       | 日本原子力研究開発機構 |
| 測定エリア [3] (約45Km北西) | 4月1日10時14分 | 3.3 *2                         | N: 37° 45' 12.6″<br>E: 140° 44' 05.5″ | 降雨無し       | 日本原子力研究開発機構 |
| 測定エリア【5】 (約45Km北)   | 4月1日11時12分 | 0.8*2                          | N: 37° 47' 04.8″<br>E: 140° 55' 16.4″ | 降雨無し       | 日本原子力研究開発機構 |
| 測定エリア [6] (約45Km北)  | 4月1日11時34分 | 1.0 *2                         | N: 37° 42' 02.7″<br>E: 140° 58' 00.0″ | 降雨無し       | 日本原子力研究開発機構 |
| 測定エリア 【7】 (約45Km北)  | 4月1日11時43分 | 1.1 *2                         | N: 37° 41' 13.6"<br>E: 140° 57' 16.0" | 降雨無し       | 日本原子力研究開発機構 |
| 測定エリア【12】 (約40Km西)  | 4月1日11時39分 | 0.5*2                          | N: 37° 25' 14.9″<br>E: 140° 35' 12.3″ | 降雨無し       | 文部科学省       |
| 測定エリア【13】 (約40Km西)  | 4月1日11時53分 | 0.5*2                          | N: 37° 26' 06.0"<br>E: 140° 37' 05.8" | 降雨無し       | 文部科学省       |
| 測定エリア【20】(約45Km北西)  | 4月1日10時37分 | 0.6 *2                         | N: 37 29 06.7"<br>E: 140 34 15.1"     | 降雨無し       | 文部科学省       |
| 測定エリア【21】(約30Km西北西) | 4月1日11時09分 | 2.3*2                          | N: 37° 30' 08.0"<br>E: 140° 42' 02.4" | 降雨無し       | 文部科学省       |
| 測定エリア【22】(約30Km西北西) | 4月1日11時00分 | 0.6 *2                         | N: 37 30 11.5 E: 140 39 08.0 T        | 降雨無し       | 文部科学省       |
| 測定エリア【23】(約30Km西北西) | 4月1日10時48分 | 0.6*2                          | N: 37 30 05.3 "<br>E: 140 34 11.3 "   | 降雨無し       | 文部科学省       |
| 測定エリア【31】(約30Km西北西) | 4月1日10時33分 | 15.4*2                         | N: 37 33 30.0 "<br>E: 140 44 54.0 "   | 降雨無し       | 日本原子力研究開発機構 |
| 測定エリア【32】(約30Km北西)  | 4月1日10時56分 | 36.2 *2                        | N: 37 35' 30.0"<br>E: 140 45' 54.0"   | 降雨無し       | 日本原子力研究開発機構 |
| 湖京エリア【23】(約30Km小品)  | 4日1日11時29分 | 18 2 *2                        | N: 37° 36' 30.0"                      | <b>松雨無</b> | 日太原子力研空間登掛雄 |

- \*1 GM(ガイガー=ミューラー計測管)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

| 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)<br>(記載のない限り屋外) | 測定位置                                  | 天候       | 実施者                                    |
|--------------------------------------|-----------------------|--------------------------------|---------------------------------------|----------|--|
| - MIN (ili Jooy (ili Jooy (major II) | 1) 1 PL 1 N 2 P P 2 1 | 10.6                           | E: 140° 45' 54.0"                     | PTHIMO   | יי און אנרטכנוקטען אי גע ני אמידיי ויי |
| 測定エリア【36】 (約40Km北西)                  | 4月1日10時08分            | 5.7 *2                         | N: 37 36' 18.8"<br>E: 140 40' 07.9"   | 降雨無し     | 日本原子力研究開発機構                            |
| 測定エリア【37】 (約50km北西)                  | 4月1日9時57分             | 4.6 *?                         | N: 37 45 06.7<br>E: 140 41 29.2       | 降雨無し     | 日本原子力研究開発機構                            |
| 測定エリア【38】 (約35km南)                   | 4月1日11時37分            | 1.0 *2                         | N: 37° 07' 30.7"<br>E: 140° 57' 06.4" | 降雨無し     | 文部科学省                                  |
| 測定エリア【74】 (約35Km南)                   | 4月1日11時08分            | 0.2 *2                         |                                       | 降雨無し<br> | 文部科学省                                  |
| 測定エリア【75】 (約45Km南)                   | 4月1日10時30分            | 0.8*2                          |                                       | 降雨無し     | 文部科学省                                  |
| 測定エリア【84】 (約40km南西)                  | 4月1日9時50分             | 0.5*2                          |                                       | 降雨無し     | 文部科学省                                  |
| 測定エリア【85】 (約60km北西)                  | 4月1日6時00分             | 0.3*2                          | N: 37° 42' 45.0″<br>E: 140° 22' 59.0″ | 降雨無し     | 防衛省                                    |
| 測定エリア【86】 (約55km西)                   | 4月1日6時00分             | 1.3*2                          | N: 37 23 57.0 E: 140 19 35.0 T        | 降雨無し     | 防衛省                                    |
| 測定エリア【87】(約30km西南西)                  | 4月1日6時00分             | 1.0 *2                         | N: 37 23 57.0 E: 140 19 35.0 7        | 降雨無し     | 防衛省                                    |

## 茨城県におけるモニタリング状況(1/1)

文部科学省

H23.4.1 19:00

μ Sv/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<br>原子力科学研究所<br>(茨城県東海村) | 日本原子力研究開発機構<br>核燃料サイクル工学研究所<br>(茨城県東海村) | 東京大学弥生<br>(茨城県東海村) |
| 4月1日         |                                     |   |                    |
| 0:00         | 1.44                                | 0.84                                    | 1.12               |
| 1:00         | 1.43                                | 0.84                                    | 1.24               |
| 2:00         | 1.44                                | 0.84                                    | 1.19               |
| 3:00         | 1.43                                | 0.84                                    | 1.16               |
| 4:00         | 1.43                                | 0.84                                    | 1.28               |
| 5:00         | 1.42                                | 0.84                                    | 1.19               |
| 6:00         | 1.42                                | 0.84                                    | 1.25               |
| 7:00         | . 1.42                              | 0.84                                    | 1.21               |
| 8:00         | 1.42                                | 0.83                                    | 1.21               |
| 9:00         | 1.41                                | 0.83                                    | 1.13               |
| <u>10:00</u> | 1.40                                | 0.82                                    | <u>1.21</u>        |
| 11:00        | 1.40                                | 0.81                                    | <u>1.15</u>        |
| <u>12:00</u> | 1.39                                | 0.81                                    | <u>1.22</u>        |
| <u>13:00</u> | <u>1.39</u>                         | <u>0.81</u>                             | <u>1.16</u>        |
| <u>14:00</u> | <u>1.39</u>                         | <u>0.80</u>                             | <u>1.17</u>        |
| <u>15:00</u> | <u>1.39</u>                         | 0.80                                    | 1.19               |
| <u>16:00</u> | 1,39                                | . 0.80                                  | 1.18               |
| <u>17:00</u> |                                     | 0.80                                    | 1.22               |
| <u>18:00</u> | <u>1.38</u>                         | <u>0.80</u>                             |                    |

※3月24日以降は、1時間毎とした。なお、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

### 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1日 16時00分現在 文 部 科 学 省

### 〇文部科学省が集計した結果 <u>注)太下線データが今回追加分</u>

- \*1 GM(ガイガー=ミューラー計測管)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

|                            |                   |                                |                                       | * * MACHINIP 100017 | の内に位づ大利も田   |
|----------------------------|-------------------|--------------------------------|---------------------------------------|---------------------|-------------|
| 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)<br>(記載のない限り屋外) | 測定位置                                  | 天候                  | 実施者         |
| 測定エリア【1】 (約60Km北西)         | 4月1日8時48分<br>·    | 2.7*2                          | N: 37° 44' 12.6"<br>E: 140° 28' 02.9" | 降雨無し                | 日本原子力研究開発機構 |
| 測定エリア 【2】 (約55Km北西)        | 4月1日9時18分         | 3.8 *2                         | N: 37° 41' 03.5″<br>E: 140° 33' 08.2″ | 降雨無し                | 日本原子力研究開発機構 |
| 測定エリア 【3】 (約45Km北西)        | 4月1日10時14分        | 3.3 *2                         | N: 37° 45' 12.6″<br>E: 140° 44' 05.5″ | 降雨無し                | 日本原子力研究開発機構 |
| 測定エリア 【5】 (約45Km北)         | 4月1日11時12分        | 0.8 *2                         | N: 37° 47' 04.8″<br>E: 140° 55' 16.4″ | 降雨無し                | 日本原子力研究開発機構 |
| 測定エリア【6】 (約45Km北)          | 4月1日11時34分        | 1.0 *2                         | N: 37° 42' 02.7″<br>E: 140° 58' 00.0″ | 降雨無し                | 日本原子力研究開発機構 |
| 測定エリア 【7】 (約45Km北)         | 4月1日11時43分        | 1.1*2                          | N: 37° 41' 13.6"<br>E: 140° 57' 16.0" | 降雨無し                | 日本原子力研究開発機構 |
| 測定エリア【12】 (約40Km西)         | 4月1日11時39分        | 0.5*2                          | N: 37 25 14.9"<br>E: 140 35 12.3"     | 降雨無し                | 文部科学省       |
| 測定エリア【13】 (約40Km西)         | 4月1日11時53分        | 0.5*2                          | N: 37 26 06.0"<br>E: 140 37 05.8"     | 降雨無し                | 文部科学省       |
| <u>測定工リア [14] (約35Km西)</u> | 4月1日12時08分        | <u>0.2 *²</u>                  | N: 37 26 02.6"<br>E: 140 38 13.8"     | 隆丽無し                | 文部科学省       |
| 選定エリア [15] (約35Km西)        | <u>4月1日12時19分</u> | <u>0.6 <sup>42</sup></u>       | N: 37° 26' 15.0"<br>E: 140° 40' 14.8" | <u>降雨無し</u>         | 文部科学省       |
| 測定エリア【20】(約45Km北西)         | 4月1日10時37分        | 0.6 *2                         | N: 37° 29° 06.7″<br>E: 140° 34' 15.1″ | 降雨無し                | 文部科学省       |
| 測定エリア【21】(約30Km西北西)        | 4月1日11時09分        | 23*2                           | N: 37 30 08.0"<br>E: 140 42 02.4"     | 降雨無し                | 文部科学省       |
| 測定エリア【22】(約30Km西北西)        | 4月1日11時00分        | 0.6 *2                         | N: 37 30 11.5 E: 140 39 08.0 7        | 降雨無し                | 文部科学省       |
| 測定エリア【23】(約30Km西北西)        | 4月1日10時48分        | 0.6 *2                         | N: 37 30 05.3 "<br>E: 140 34 11.3 "   | 降雨無し                | 文部科学省       |
| 独党エリア【21】(約20K~冊小冊)        | 4日1日10時27分        | 15 å *?                        | N: 37° 33′ 30.0″                      | 路雨無                 | 口太陌子力研空思整機機 |

- \*1 GM(ガイガー=ミューラー計測管)における値 \*2 電離箱における値 \*3 Nal(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

| 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)<br>(記載のない限り屋外) | 測定位置                                  | 天候              | 実施者                |
|-------------------------------|------------------|--------------------------------|---------------------------------------|-----------------|--------------------|
| MACE TO EALL (MODORITHE NOTE) | 7) 11 (04) 00/)  | , v. 1                         | E: 140 44' 54.0"                      | PH 177/10       | 日子が120日のの          |
| 測定エリア【32】 (約30Km北西)           | 4月1日10時56分       | 36.2 *2                        | N: 37 35 30.0"<br>E: 140 45 54.0"     | 降雨無し            | 日本原子力研究開発機構        |
| 測定エリア【33】 (約30Km北西)           | - 4月1日11時22分     | 18.2 *7                        | N: 37° 36′ 30.0″<br>E: 140° 45′ 54.0″ | 降雨無し            | 日本原子力研究開発機構        |
| <u>測定エリア【34】(約30Km北西)</u>     | 4月1日13時02分       | <u>5,8</u> *2                  | N: 37 33 00.8<br>E: 140 44 07.0       | 降雨無し、           | <u>日本原子力研究開発機構</u> |
| 測定エリア【36】 (約40Km北西)           | 4月1日10時08分       | 5.7*2                          | N: 37 36 18.8 E: 140 40 07.9 "        | 降雨無し            | 日本原子力研究開発機構        |
| 測定エリア【37】 (約50km北西)           | 4月1日9時57分        | 4.6 *2                         | N: 37 45' 06.7"<br>E: 140 41' 29.2"   | 降雨無し            | 日本原子力研究開発機構        |
| 測定エリア【38】 (約35km南)            | 4月1日11時37分       | 1.0*?                          | N: 37 07' 30.7"<br>E: 140 57' 06.4"   | 降雨無し            | 文部科学省              |
| <u>測定エリア【71】 (約25Km南)</u>     | 4月1日8時31分        | 2.5 *2                         |                                       | <u>降雨無し</u>     | 警察(NBC対策部隊)        |
| <u> 測定エリア【72】 (約30Km南)</u>    | 4月1日12時42分       | 1.6 *2                         |                                       | 隆雨無し            | 文部科学省              |
| <u> 測定エリア【72】 (約30Km南)</u>    | <u>4月1日9時11分</u> | 0.8 *2                         |                                       | <u>降雨無し</u>     | 警察(NBC対策部隊)        |
| 測定エリア [73] (約35Km南)           | 4月1日11時57分       | 1.4 *2                         |                                       | <u>降雨無し</u><br> | 文部科学省              |
| <u> 測定エリア【73】 (約35Km南)</u>    | <u>4月1日9時27分</u> | <u>0.7</u> *2                  |                                       | <u>降雨無し</u><br> | 警察(NBC対策部隊)        |
| 測定エリア【74】 (約35Km南)            | 4月1日11時08分       | 0.2*2                          | ·                                     | 降雨無し            | 文部科学省              |
| 測定エリア【74】 (約35Km南)            | 4月1日9時55分        | 0.3 *2                         |                                       | <u>降雨無し</u>     | 警察(NBC対策部隊)        |
| 測定エリア【75】 (約45Km南)            | 4月1日10時30分       | 0.8 *2                         |                                       | 降雨無し<br>        | 文部科学省              |
| 湖定工リア [75] (約45Km南)           | 4月1日7時00分        | 0.8 *2                         |                                       | 隆雨無し            | 警察(NBC対策部隊)        |
| <u>測定エリア【76】 (約25Km南西)</u>    | 4月1日11時03分       | 0.6 *2                         |                                       | 隆雨無し            | 警察(NBC対策部隊)        |
| <u>測定エリア 【77】(約25Km南西)</u>    | 4月1日10時45分       | 2.2 <sup>eq</sup>              |                                       | <b>降雨無し</b>     | 警察(NBC対策部隊)        |
| <u> 測定エリア 【78】 (約45Km北西)</u>  | 4月1日7時47分        | <u>0.8 <sup>42</sup></u>       |                                       | 隆雨無し            | 警察(NBC対策部隊)        |
| 御完丁リア『70』(約30Km小面)            | A日1日19時26分       | 185 <sup>42</sup>              | i i                                   | 路両無             | 日太百子九研史聞參繼繼        |

- \*1 GM(ガイガー=ミューラー計測管)における値 \*2 電離箱における値 \*3 Nal(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

| 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)<br>(記載のない限り屋外) | 測定位置  | 天候          | 実施者         |
|------------------------------|------------|--------------------------------|---|-------------|-------------|
| <u> 測定エリア [79] (約30Km北西)</u> | 4月1日9時58分  | 15.5 *2                        |   | <u> </u>    | 警察(NBC対策部隊) |
| <u> 測定エリア [80] (約25Km北)</u>  | 4月1日12時33分 | 0.7 *2                         |   | 隆雨無し        | 日本原子力研究開発機構 |
| 測定エリア【80】 (約25Km北)           | 4月1日12時02分 | <u>0.7 *²</u>                  |   | <u>降雨無し</u> | 警察(NBC対策部隊) |
| <u>測定エリア【81】(約30Km西北西)</u>   | 4月1日8時34分  | <u>34.5</u> *2                 |   | <u>降雨無し</u> | 警察(NBC対策部隊) |
| <u>測定エリア【83】 (約20Km北西)</u>   | 4月1日12時47分 | 70.9 <sup>12</sup>             |   | 降雨無し        | 日本原子力研究開発機構 |
| <u>測定エリア【83】 (約20Km北西)</u>   | 4月1日10時11分 | 60.5 *2                        |   | 降雨無し        | 警察(NBC対策部隊) |
| 測定エリア【84】 (約40km南西)          | 4月1日9時50分  | 0.5*2                          |   | 降雨無し        | 文部科学省       |
| 測定エリア【85】 (約60km北西)          | 4月1日6時00分  | 0.3*2                          | N: 37° 42' 45.0"<br>E: 140° 22' 59.0"       | 降雨無し        | 防衛省         |
| 測定エリア【86】 (約55km西)           | 4月1日6時00分  | 1.3 *2                         | N: 37 ° 23 ' 57.0 "<br>E: 140 ° 19 ' 35.0 " | 降雨無し        | 防衛省         |
| 測定エリア【87】(約30km西南西)          | 4月1日6時00分  | 1.0*2                          | N: 37 23 57.0 "<br>E: 140 19 35.0 "         | 降雨無し        | 防衛省         |

### 環境放射能水準調査結果(定時降下物) (3月30日9時~31日9時採取)

H23.3.31 19:00 (MBa/km<sup>2</sup>)

| 123. | 3.31 19:00                | (MBq/km²)<br>定時降下物 |              |              |  |  |
|------|---------------------------|--------------------|--------------|--------------|--|--|
|      | 都道府県名                     | 1-131              | 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                       |                    |              | 震災被害によって計測不能 |  |  |
| 5    | 秋田県(秋田市)                  | 不検出                | 不検出          |              |  |  |
| 6    | 山形県(山形市)                  | -                  | <del>-</del> | 機器調整中        |  |  |
| 7    | 福島県(福島市)                  | 114                | 146          | 測定中であったが到達   |  |  |
| 8    | 茨城県(ひたちなか市)               | 540                | 390          |              |  |  |
| 9    | 栃木県(宇都宮市)                 | 1,350              | 505          | 測定中であったが到達   |  |  |
| 10   | 群馬県(前橋市)                  | 120                | 130          |              |  |  |
| 11   | 埼玉県(さいたま市)                | 270                | 260          |              |  |  |
| 12   | 千葉県(市原市)                  | 63                 | 75           |              |  |  |
| 13   | 東京都(新宿区)                  | 50                 | 68           |              |  |  |
| 14   | 神奈川県(茅ヶ崎市)                | 29                 | 52           |              |  |  |
| 15   | - 新潟県(新潟市)                | 不検出                | 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                | 3.6          |              |  |  |
| 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          | 測定中であったが到達   |  |  |
| 22   | 静岡県(御前崎市)                 | 不検出                | 4.6          | ·            |  |  |
| 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)                  | <u>不検出</u>         | 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(南城市)<br>*文部科学省が各都道府県等 | 不検出                | 不検出          |              |  |  |

<sup>\*</sup>文部科学省が各都道府県等からの報告に基づき作成

### Gibson, Lauren

From:

Regan, Christopher

Sent:

Thursday, April 07, 2011 5:03 AM

To:

Rodriguez, Veronica Gibson, Lauren

Cc: Subject:

Japan report meeting review summary

Attachments:

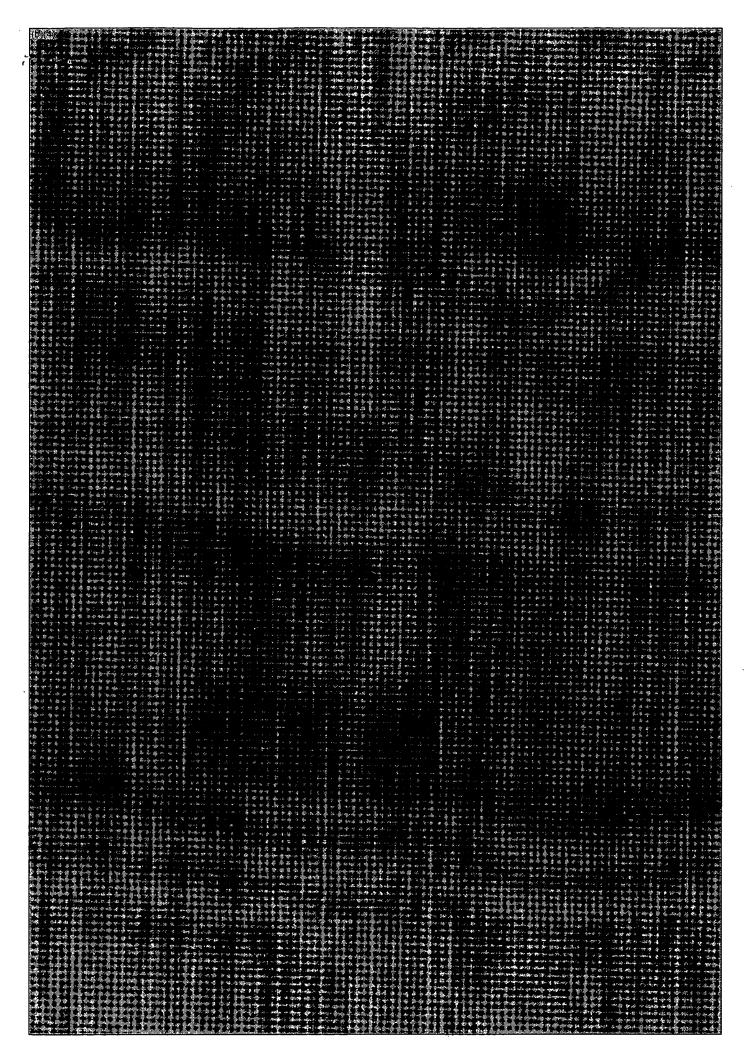
Meeting Summary Report - Japan.docx

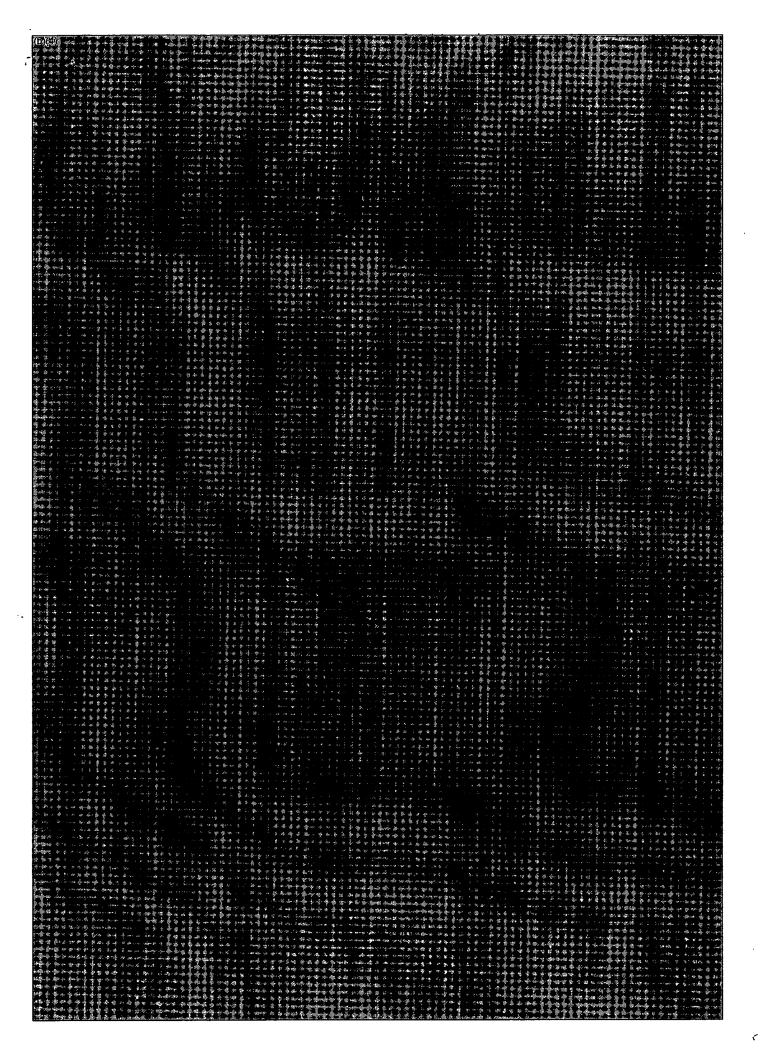
#### Veronica,

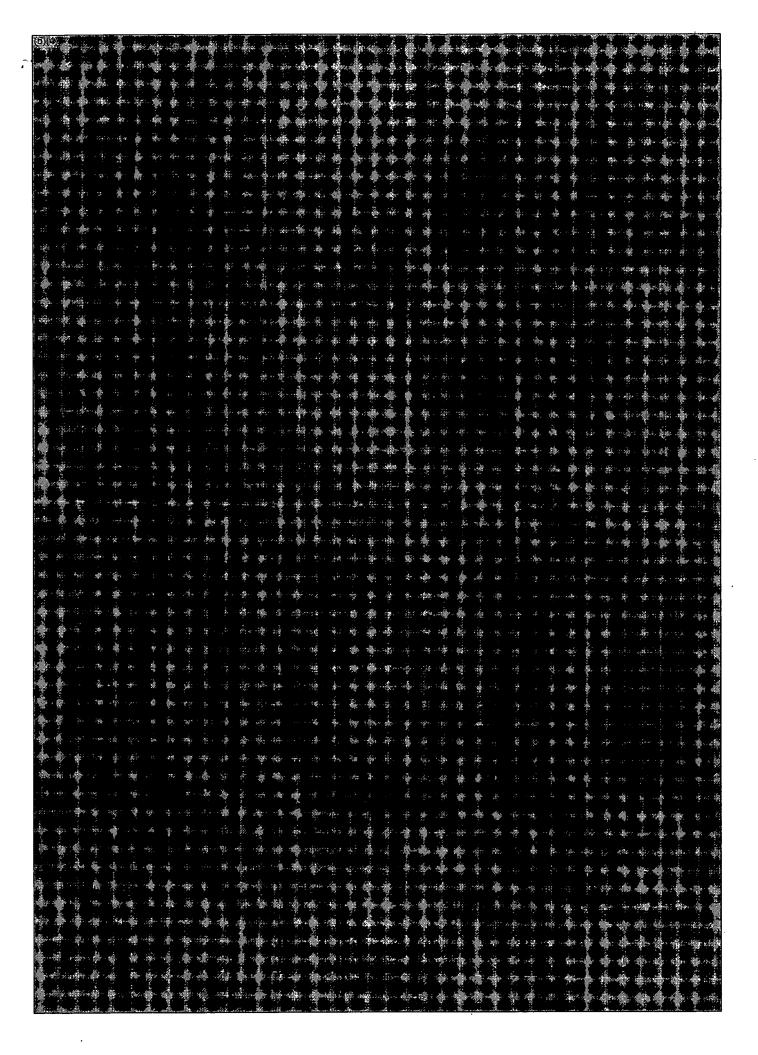
See attached for the subject report. It's long! FWIW I talked with the Rapporteur this morning and the Rapporteurs report is still yet to be finalized. Of note there were no agreed upon "good practices."

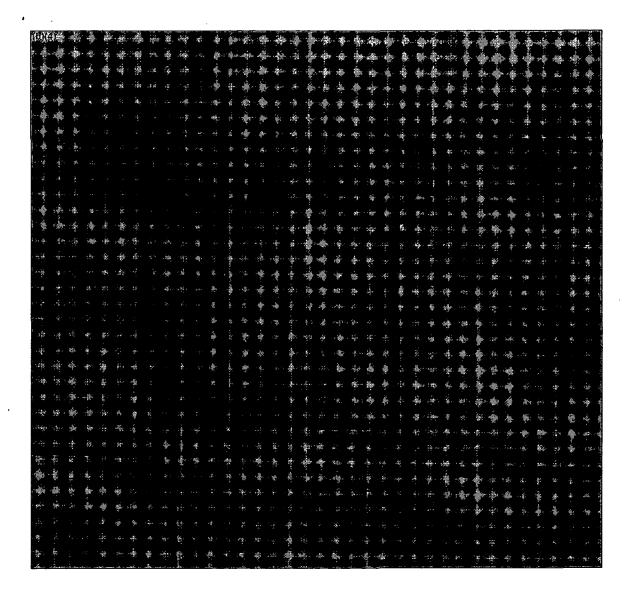
Chris

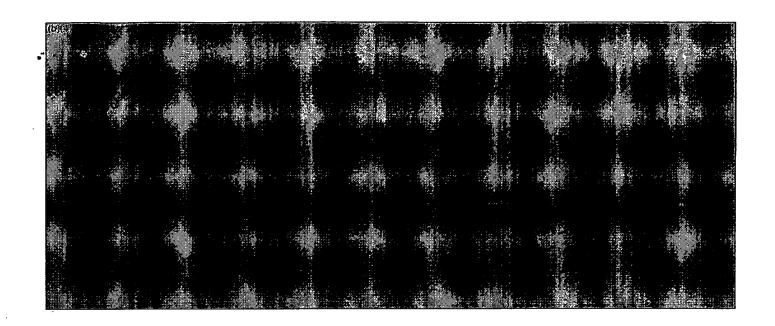












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Schmidt, Rebecca

Sent:

Saturday, March 19, 2011 8:53 AM

To:

53

Subject:

Fw: Report on Meeting between Chairman Jaczko and Japanese Ambassador to the

U.S. Ichiro Fujisaki

Attachments:

Doc1 docx; bechtel detailed diagram.pdf; Japan Aid.xlsx; Chairmans March 18 Doc.docx

From: Droggitis, Spiros

To: OCA Distribution

Sent: Sat Mar 19 07:18:21 2011

Subject: FW: Report on Meeting between Chairman Jaczko and Japanese Ambassador to the U.S. Ichiro Fujisaki

C

From: LIA07 Hoc

Sent: Saturday, March 19, 2011 6:25 AM

Subject: Report on Meeting between Chairman Jaczko and Japanese Ambassador to the U.S. Ichiro Fujisaki

Dear Colleagues,

Attached is the report summarizing Chairman Jaczko's meeting with Japanese Ambassador to the U.S. Ichiro Fujisaki, held on March 18, 2011, at 1600 hours EST. We have also included other key documents which provide additional information pertinent to the recent events. Please note this information is "official use only" and is only being shared within the federal family. Please call the Headquarters Operations Office at 301-816-5100 with questions.

International Liaison Team

**U.S. Nuclear Regulatory Commission** 

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There has been no specific information handed over to TEPCO regarding the specific tasks, equipment or people to implement immediate actions. The following general topics have been discussed:

#### Tasks

Urgently place water on spent fuel pools in the damaged Fukushima Diiachi Units 1, 2, 3, 4 with all available equipment

Establish temporary cooling system for spraying water on Units 1, 2, 3, and 4

Continue to closely monitor and add water to spent fuel pools in Fukushima Diiachi Units 5 & 6

Establish more permanent means of temporary cooling to the reactor cores on Units 1, 2, 3

#### **Equipment**

All equipment available to the Government of Japan should be used to implement immediate actions to cool the spent fuel pools on Units 1, 2, 3, 4

Equipment list and drawing for "Bechtel" four train system should be supplied.

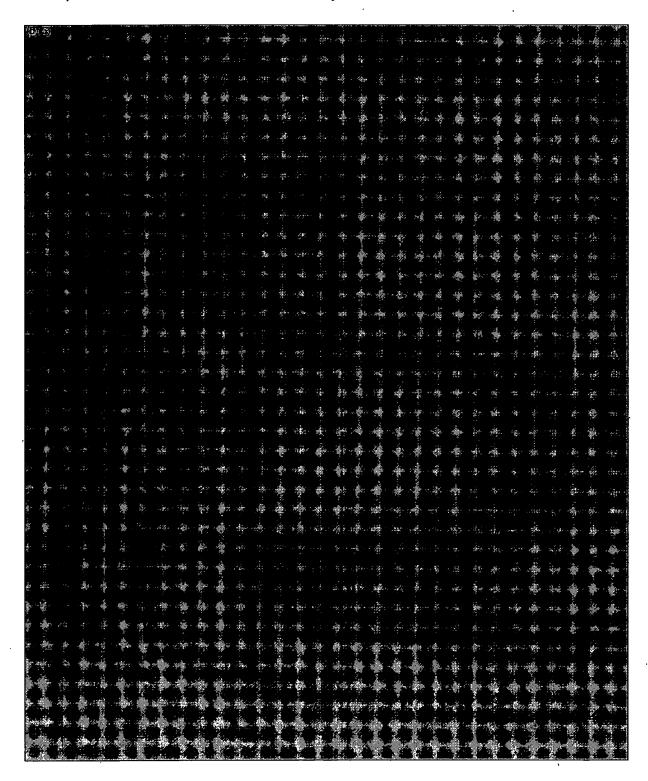
#### **People**

Establish teams to implement multiple cooling water actions at the same time.

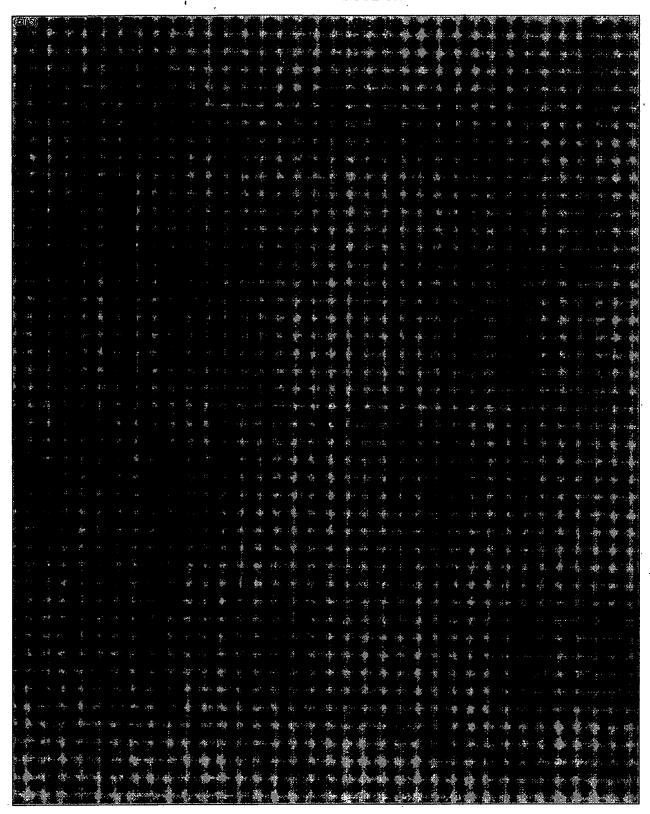
- Several hundred people would likely be required to implement spent fuel pool cooling tasks and manage the activities.
- Health Physics support

#### UNCLASSIFIED / OFFICIAL USE ONLY

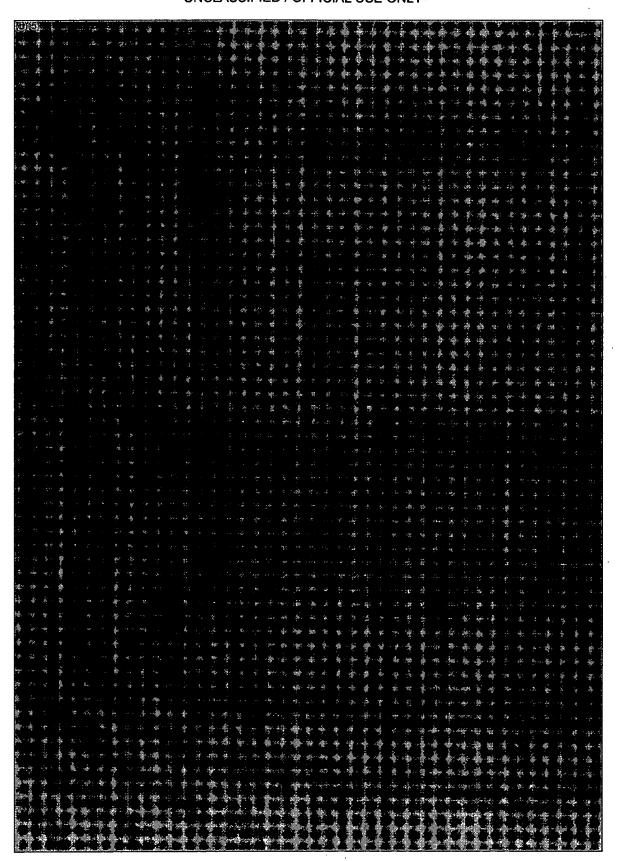
Subject: Report of March 18, 2011 meeting at 1600 (EST), Chairman Jaczko met with the Japanese Ambassador to the U.S. Ichiro Fujisaki



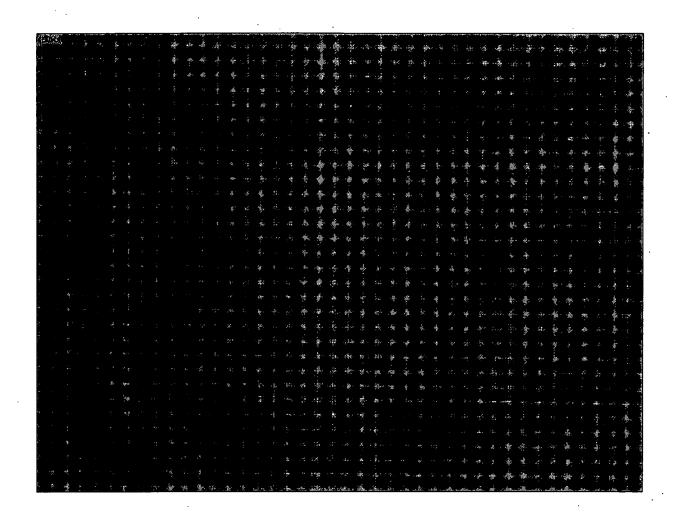
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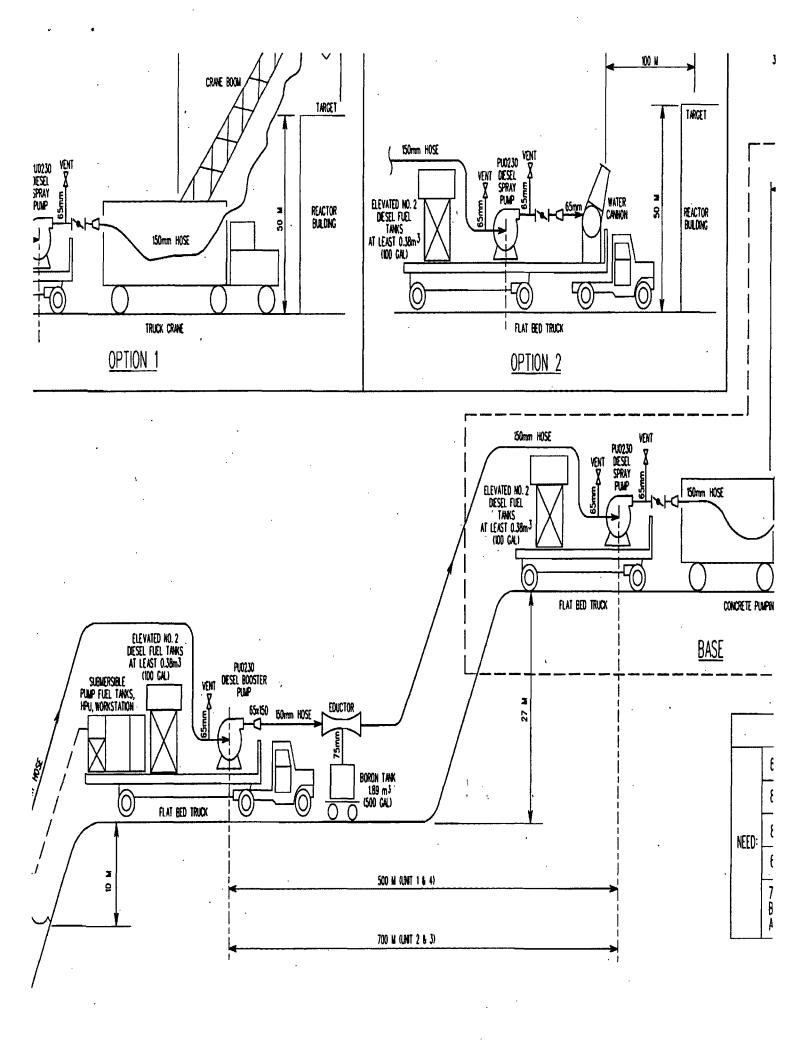


# UNCLASSIFIED / OFFICIAL USE ONLY -



# UNCLASSIFIED / OFFICIAL USE ONLY





Droggitis, Spiros

Sent:

Saturday, March 19, 2011 9:22 AM

To:

Darrell Heasley; Batkin, Joshua; Coggins, Angela; Loyd, Susan

Cc:

Powell, Amy; Brenner, Eliot

Subject:

RE: Request for NRC participation in IL Senators' Public Meeting

Plus Senate EPW is suggesting an April 7 full committee hearing.

From: Darrell Heasley [mailto:

Sent: Saturday, March 19, 2011 9:17 AM

To: Batkin, Joshua; Coggins, Angela; Droggitis, Spiros; Loyd, Susan

Cc: Powell, Amy; Brenner, Eliot

Subject: FW: Request for NRC participation in IL Senators' Public Meeting

Josh,

This is the latest rundown:

OCA has the Ops Center covered 7am to 7pm both Saturday and Sunday. Spiros and Tim are on today. Me and Raeann tomorrow.

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Hearings – they are coming in.

March 25 IL public meeting

March 28 week – possibly SAC E&W, House Transportation and Infrastructure –FEMA oversight-on emergency preparedness for nuclear plants

March 31 HAC E&W (Already scheduled)

Finally we owe Boxer # of plants on earthquake faults. Bettina wants it right away

Darrell Heasley & Rebecca Schmidt

Droggitis, Spiros

Sent:

Saturday, March 19, 2011 9:25 AM

To:

Darrell Heasley

Subject:

RE: Request for NRC participation in IL Senators' Public Meeting



From: Darrell Heasley [mailto:

Sent: Saturday, March 19, 2011 9:17 AM

To: Batkin, Joshua; Coggins, Angela; Droggitis, Spiros; Loyd, Susan

Cc: Powell, Amy; Brenner, Eliot

Subject: FW: Request for NRC participation in IL Senators' Public Meeting

Josh,

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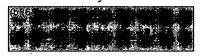
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Darrell Heasley & Rebecca Schmidt



Brenner, Eliot

Sent:

Saturday, March 19, 2011 9:40 AM

To:

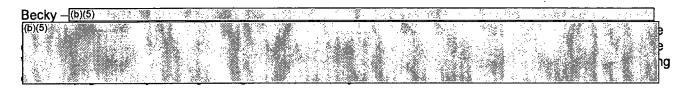
'Darrell Heasley'; Batkin, Joshua; Coggins, Angela; Droggitis, Spiros; Loyd, Susan

Cc:

Powell, Amy

Subject:

RE: Request for NRC participation in IL Senators' Public Meeting



#### Eliot

From: Darrell Heasley [mailto:

Sent: Saturday, March 19, 2011 9:17 AM

To: Batkin, Joshua; Coggins, Angela; Droggitis, Spiros; Loyd, Susan

Cc: Powell, Amy; Brenner, Eliot

Subject: FW: Request for NRC participation in IL Senators' Public Meeting

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March 31 HAC E&W (Already scheduled)

Schmidt, Rebecca

Sent:

Saturday, March 19, 2011 10:32 AM

To:

Subject:

Fw: Did you recieve

---- Original Message ----From: Droggitis, Spiros To: Schmidt, Rebecca

Sent: Sat Mar 19 10:14:15 2011 Subject: RE: Did you recieve

### http://www.nrc.gov/japan/japan-info.html

Take at look at "What do I need to do to protect myself?" Wouldn't that answer Karen's request?

----Original Message-----From: Schmidt, Rebecca

Sent: Saturday, March 19, 2011 9:41 AM

To: Droggitis, Spiros

Subject: Re: Did you recieve

Remind him about the 18th floor

---- Original Message ----From: Droggitis, Spiros To: Schmidt, Rebecca

Sent: Sat Mar 19 09:37:48 2011 Subject: RE: Did you recieve

He's coming in before noon and we are supposed to talk. I'll tell him. Josh is on now with ET about funding for this effort that they want to talk about this afternoon. Could get complicated.

----Original Message-----From: Schmidt, Rebecca

Sent: Saturday, March 19, 2011 9:32 AM

To: Droggitis, Spiros

Subject: Re: Did you recieve

Have not heard from mark in region 3 plus forgot tpo mention amy out monday through wednesday with boxer and feinstein. I told him about Tom coming back

---- Original Message -----From: Droggitis, Spiros To: Schmidt, Rebecca

Sent: Sat Mar 19 09:19:58 2011 Subject: Re: Did you recieve Bel 293

# Yes

---- Original Message -----From: Schmidt, Rebecca To: Droggitis, Spiros

Sent: Sat Mar 19 09:19:40 2011

Subject: Did you recieve

Cook, Bette (DCHA/AA) <br/>bcook@usaid.gov>

Sent:

Saturday, March 19, 2011 4:44 PM

To:

'Stoneman, Shelly O'Neill'; 'Boots, Michael J.'; 'Gillerman, Elliot CIV OSD LA'; 'Peacock,

Nelson'; 'Terrell, Louisa'; 'kathleen.turner@dni.gov'; Gatz, Karen L;

'john.gray@noaa.gov'; 'laneje@hq.doe.gov'; 'Murrie, Eden'; 'King, Elizabeth L, HON OSD LA'; 'Lettre, Marcel Mr. (SES) OSD LA'; 'Heimbach, Jay'; 'Arguelles, Adam'; Schmidt, Rebecca; 'Hart, Patrick'; 'Papa, Jim'; Adams, David S; Turk, David M; 'Carretta, Robert T

US PACOM WLO'; Jaff, Elizabeth (AID/A); Rayburn, Dorothy J; 'Buffa, Nikki ; 'St. Cyr II, Zeno W. (HHS/ASPR/COO)

(Zeno.W.StCyr@hhs.gov)'; 'Nelson, Jason (jason.nelson@dhs.gov)';

'John.Berge@osec.usda.gov';

Walsh, Todd

Lee, Elizabeth (HHS/ASL) (Elizabeth.Lee@hhs.gov);

Huguley, Maurice (HHS/ASL) (Maurice.Huguley@HHS.GOV); Sharp, Jeremy (HHS/ASL) (Jeremy.Sharp@hhs.gov); John Sokich (John.Sokich@noaa.gov); Manring, Nicholas J;

Feinstein, Barbara (LPA/AA)

Cc:

Hatcher, Stuart M; Alwine, Patrick; Pederson, Erik D; 'DNI-OLA-FO@dni.gov';

'Christopher\_Mansour@ios.doi.gov'; 'Dietch, Sarah'; 'Maher, Jessica A.'; 'Sharp, Amy'; 'Degen, Greg'; Paul, Henry A; 'WLukas@usgs.gov'; "Ganesan.Arvin@epamail.epa.gov'

(Ganesan.Arvin@epamail.epa.gov)'; "Howard, Nathan R US PACOM WLO'

型筒 Isaac, Nicole M. (<sup>D)(G)</sup>の対

Subject:

USAID/DCHA Japan Earthquake and Tsunami Fact Sheet #8

Attachments:

03.18.11 - USAID-DCHA Japan Earthquake and Tsunami Fact Sheet #8.pdf; 03.18.11 -

Japan Earthquake and Tsunami Program Map.pdf; 53391630.xls

Please find attached the USAID/DCHA Japan Earthquake and Tsunami Fact Sheet #8 and accompanying map, both dated March 18, 2011.

Also attached is the participant list for today's Hill conference call at 2:00 pm.

FOR THOSE WHO WERE NOT ON THE CONFERENCE CALL TODAY: We announced that the call tomorrow (Sunday, March 20) is cancelled. The numbers of participants on today's call were 9 Congressional participants and 35 Administration speakers or callers. Please join us for the Monday, March 21, 1:30 pre-conference and 2:00 p.m. conference call with Hill staff.



# BUREAU FOR DEMOCRACY, CONFLICT, AND HUMANITARIAN ASSISTANCE (DCHA) OFFICE OF U.S. FOREIGN DISASTER ASSISTANCE (OFDA)

# Japan - Earthquake and Tsunami

Fact Sheet #8, Fiscal Year (FY) 2011

March 18, 2011

Note: The last fact sheet was dated March 17, 2011.

#### KEY DEVELOPMENTS

- The earthquake and tsunami have resulted in 6,911 deaths and left 10,692 people missing, as reported by the Government of Japan (GoJ) on March 18. The disasters have damaged or destroyed more than 92,000 buildings and 1,200 roads.
- According to the International Atomic Energy Agency (IAEA), the event at the Fukushima Daiichi plant has
  been raised from level four to level five on the IAEA International Nuclear and Radiological Event Scale—a.
  level equivalent to the 1979 Three Mile Island incident in the U.S. At present, the U.N. World Health
  Organization has reported no significant risk of radiation exposure for areas outside of Japan.
- The urban search and rescue (USAR) teams from Fairfax County, Virginia, and Los Angeles County, California, concluded their last search and rescue assignment on March 17. Following this, officials from the Osaka Fire Department—the coordinator of international USAR efforts on behalf of the GoJ in Ofunato and Kamaishi cities—indicated that no further assignments are forthcoming from the GoJ. The U.S. USAR teams are coordinating demobilization plans with the local prefecture, Japan's Ministry of Foreign Affairs, and the U.S. Embassy in Tokyo.

| NUMBERS AT A GLANCE <sup>1</sup>       |         | SOURCE                                |
|--|---------|---------------------------------------|
| Confirmed Deaths                       | 6,911   | GoJ NPA <sup>2</sup> – March 18, 2011 |
| Missing Persons                        | 10,692  | GoJ NPA - March 18, 2011              |
| Number of People in Evacuation Centers | 390,000 | JSDF <sup>3</sup> – March 18, 2011    |

# FY 2011 HUMANITARIAN FUNDING PROVIDED TO JAPAN TO DATE

| USAID/OFDA Assistance for the Japan Earthquake and Tsunami               | \$7,199,434 |
|--|-------------|
| Total Planned Assistance from USAID for the Japan Earthquake and Tsunami | \$8,000,000 |
| DoD Humanitarian Assistance for the Japan Earthquake and Tsunami         | \$7,140,900 |
| Total USG Assistance for the Japan Earthquake and Tsunami                | 14,340,334  |

#### CONTEXT

- On March 11 at 0046 hours Eastern Standard Time (EST), or 1446 hours Japan Standard Time (JST), a magnitude 9.0 earthquake occurred east of Honshu—the largest and main island of Japan—at a depth of approximately 15 miles. The epicenter of the earthquake was located 80 miles east of Sendai, the capital of Miyagi Prefecture, and 231 miles northeast of Tokyo. The earthquake generated a large tsunami that resulted in additional fatalities and damage, particularly in Miyagi, Fukushima, and Iwate prefectures.
- On March 11, U.S. Ambassador John V. Roos declared a disaster due to the effects of the earthquake and tsunami in Japan. USAID/OFDA provided an initial \$100,000 through the U.S. Embassy in Tokyo to assist with local relief efforts. USAID deployed a Disaster Assistance Response Team (DART)—including two USAR teams from Fairfax County, Virginia, and Los Angeles County, California—to support Japanese emergency response efforts. In addition, USAID activated a Response Management Team (RMT) in Washington, D.C.
- InterAction, an alliance of U.S.-based non-governmental organizations (NGOs), maintains a list of organizations
  accepting donations for the Japanese earthquake response. The American Red Cross (AmRC) accepts donations
  of \$10 through text messages of "redcross" sent to 90999.

#### **USAR Operations**

On March 18, the U.S. USAR teams transferred nearly \$145,000 in equipment to the Ofunato fire department to
assist with local efforts. The equipment includes 4 zodiac boat kits—containing boats, motor, fuel tanks, and
paddles—16 kerosene heaters, 160 cots, and 160 sleeping bags.

<sup>&</sup>lt;sup>1</sup> Figures remain preliminary and are expected to change.

<sup>&</sup>lt;sup>2</sup> National Police Agency (NPA).

<sup>&</sup>lt;sup>3</sup> Japan Self Defense Force (JSDF).

 The DART received reports that JSDF—the official lead for GoJ emergency rescue efforts—is transitioning from search and rescue operations to life-sustaining efforts in some or all of Miyagi and Iwate prefectures on March 18. A week following the earthquake and tsunami, little hope for recovery of live victims remains due to the low temperatures in Japan and the lack of survivable spaces in collapsed buildings in the teams' assigned locations.

#### Logistics and Relief Supplies

-4-

- According to the U.N. Office for the Coordination of Humanitarian Affairs (OCHA), logistics are the biggest
  challenge at this stage of the emergency. GoJ authorities have mobilized a large amount of aid, but fuel
  shortages resulting from a breakdown of six of nine oil factories in Kanto and Tohoku areas and a lack of
  transport vehicles are hindering the timely delivery of relief supplies. To address fuel shortages, the GoJ is
  redirecting 38,000 kiloliters of fuel per day—the average daily demand before the tsunami—from oil refineries
  in Hokkaido and western Japan.
- On March 16, the GoJ announced a plan for managing and delivering food and relief items to evacuation centers
  in affected areas, according to the DART. Under the GoJ plan, evacuation centers will send requests for
  assistance to municipalities, and the prefecture will consolidate the requests and liaise with the national
  government to request relief items and food from the private sector and other municipalities. The relief supplies
  will then be consolidated at 50 JSDF sites throughout Japan for distribution by the JSDF and municipalities.
- DoD is assisting relief efforts by providing transportation and other logistical support. The DART is working to
  vet local prefectures' requests for assistance and convey them to U.S. Forces-Japan (USFJ) for coordination with
  JSDF for transportation and onward distribution. Sufficient relief commodities are available in-country, and the
  GoJ has not requested in-kind contributions.
- In close coordination with JSDF, DoD continues to facilitate the transport of in-kind assistance. On March 18, DoD personnel conducted multiple relief missions in affected areas, including the delivery of water, food, and toiletries to approximately 350 people in Karakuwa town in Miyagi Prefecture. As of March 17, DoD personnel had delivered more than 58,000 liters of water and 4,200 lbs of food and flown 197 helicopter and 202 aircraft missions in support of humanitarian assistance efforts in Japan. To date, DoD has provided an estimated \$7.1 million in humanitarian assistance.
- In response to an official request from the GoJ, USAID/OFDA is sending 10,000 personal protective equipment (PPE) kits to Japan for use in recovery clean-up. The airlift containing the PPE departed the U.S. on March 18.

#### Humanitarian Assessments

- On March 18, DART staff conducted a ground and aerial assessment of tsunami-affected areas in Miyagi
  Prefecture. The DART visited two evacuation sites near Minami Sanriku, one of the hardest hit towns, that
  housed 300 and 1,500 people. According to international media, the tsunami destroyed approximately 95 percent
  of the buildings in the town and left between 8,000 and 10,000 individuals missing.
- DART staff observed cramped conditions at the centers visited but no life-threatening conditions. Affected individuals continue to receive food, water, blankets, and medical and other supplies through a variety of sources. Authorities in both locations reported receiving a steady stream of assistance from various sources, including the central and prefecture governments, surrounding communities, the JSDF, and the private sector. DART staff noted that the system for submitting requests for assistance and receiving goods appears well-organized and coordinated among the various levels of the GoJ. Local officials at the evacuation centers noted that transportation of the goods from the central or prefectural government to the sites remains a significant challenge due to limited amount of fuel. USFJ is coordinating with the GoJ to ensure the availability of fuel without negatively impacting the domestic fuel economy.
- DART staff observed health clinics in both of the evacuation centers visited, with no significant increases in
  communicable diseases recorded as a result of the tsunami. Médecins Sans Frontières/Japan staff at the larger
  evacuation site reported adequate health care, surveillance systems, and medical stocks, with the most commonly
  reported health issues including common colds, respiratory infections, and chronic conditions. DART staff noted
  that toilet coverage appeared low at the larger evacuation site; however, Japanese officials noted that additional
  latrines are currently under construction to meet needs.
- According to evacuation center officials, individuals in affected areas also continue to reside in their houses,
  where possible. While these individuals have been largely self-sufficient to date, they are traveling to the centers
  to obtain food and other supplies and returning to their houses after receiving supplies.

#### Health

As reported by OCHA, the GoJ is preparing to receive medical help from overseas for the thousands injured by
the earthquake and tsunami. Although doctors without Japanese medical licenses cannot legally practice
medicine in Japan, the GoJ Health Ministry has sent a notice to local governments in Iwate, Miyagi, and

Fukushima prefectures indicating that foreign doctors may administer minor medical procedures. The GoJ has received offers from countries looking to assist Japan in the medical field.

#### Humanitarian Coordination and Information Management

- The DART and the RMT continue to link U.S. private and public entities with USG assets to support GoJ emergency response efforts. The RMT assists in these efforts by tracking pledges of financial and in-kind support from major U.S. businesses, as well as facilitating linkages between corporations with technical expertise and other U.S. agencies also responding to the disasters in Japan.
- As of March 17, approximately 13 international or foreign NGOs were working through local partners to provide
  assistance in Japan's tsunami- and earthquake-affected areas, according to OCHA. Due to current logistical
  limitations, the GoJ requests that foreign NGOs wait until the situation improves before attempting to conduct
  activities in Japan.
- According to OCHA, Japanese NGOs are working in northern Japan to bring assistance to affected populations.
   More Japanese NGOs are expected to arrive in the affected areas in the coming days.

#### **USAID HUMANITARIAN ASSISTANCE TO JAPAN**

| Implementing Partner                               | Activity                                  | Location       | Amount      |  |
|--|---|----------------|-------------|--|
|  | 📑 📲 USAIDOJDA ASSISIANCES 🚈               |                |             |  |
| U.S. Embassy in<br>Tokyo                           | Emergency Relief Support                  | Affected Areas | \$100,000   |  |
| DoD  | USAR Operations (Transport of USAR teams) | Affected Areas | \$1,000,000 |  |
| L.A. County USAR<br>Team                           | USAR Operations                           | Affected Areas | \$2,058,000 |  |
| Fairfax County USAR<br>Team                        | USAR Operations                           | Affected Areas | \$2,058,000 |  |
| U.S. Department of<br>Health and Human<br>Services | Health                                    | Affected Areas | \$93,360    |  |
|  | USAID/DART Support Costs                  |                | \$1,599,600 |  |
|  | Administrative Support                    |                | \$290,474   |  |
| AKOMANI IBO <mark>XAND</mark> ADIBDA               |   |                | \$7,100/35  |  |
|  | DOD ASSISTANCE.                           |                |             |  |
|  | Emergency Relief Support                  | Affected Areas | \$7,140,900 |  |
| MOMANLE TO DESCRIPTION OF                          |   |                | S:41:0000   |  |
| MONALQUSENERS                                      | CARANTAS STANCETO TARMINIA PER C          |                | SN3 0.59    |  |

<sup>&</sup>lt;sup>1</sup> USAID/OFDA funding represents anticipated or actual obligated amounts as of March 18, 2011.

# **PUBLIC DONATION INFORMATION**

- The most effective way people can assist relief efforts is by making cash contributions to humanitarian organizations that are conducting relief operations. A list of humanitarian organizations that are accepting cash donations for earthquake and tsunami response efforts in Japan can be found at <a href="https://www.interaction.org">www.interaction.org</a>.
- USAID encourages cash donations because they allow aid professionals to procure the exact items needed
  (often in the affected region); reduce the burden on scarce resources (such as transportation routes, staff time,
  warehouse space, etc.); can be transferred very quickly and without transportation costs; support the economy
  of the disaster-stricken region; and ensure culturally, dietary, and environmentally appropriate assistance.
- More information can be found at:
  - o USAID: www.usaid.gov
  - The Center for International Disaster Information: www.cidi.org or (703) 276-1914
  - o Information on relief activities of the humanitarian community can be found at www.reliefweb.int

Conference Participant Report

Conf. Date: 3/19/2011 Conf. Time: 2:00 pm Company: Networx Leader: Bette Cook

Conference ID:

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| Start Time | End Time | Name                | Organization                                   |
|------------|----------|---------------------|--|
| 13:21.44   | 14:24.46 | SPK NICK MANRING    | STATE DEPARTMENT OF LEGISLATIVE AFFAIRS        |
| 13:25.15   | 14:24.47 | SPK JON EDWARDS     | US ENVIRONMENTAL PROTECTION AGENCY             |
| 13:26.11   | 14:24.45 | SPK PAT HART        | FEMA   |
| 13:26.31   | 14:21.31 | SPK SHANE JOHNSON   | DEPARTMENT OF ENERGY                           |
| 13:26.34   | 13:30.23 | GARRICK GOVES       | HHS  |
| 13:26.41   | 14:24.50 | SPK JASON NELSON    | FEMA   |
| 13:27.12   | 14:24.48 | SPK VANESSA QUINN   | FEMA HQ  |
| 13:27.24   | 13:41.22 | SPK ELLIOT GILLERMA | DOD AFFAIRS                                    |
| 13:27.54   | 14:24.50 | SPK KAREN GATZ      | DEPARTMENT OF STATE                            |
| 13:28.58   | 14:24.46 | SPK JEFF TEMPLE     | NUCLEAR REGULARTORY COMMISSION                 |
| 13:28.59   | 14:24.56 | SPK BETTE COOK      | USAID  |
| 13:29.54   | 14:24.48 | SPK JOHN SOKICH     | NATIONAL WEATHER                               |
| 13:30.36   | 14:24.50 | SPK GARRICK GROVES  | HHS  |
| 13:31.55   | 14:24.51 | SPK ROBERT SPOUSTA  | DEPT OF DEFENSE                                |
| 13:32.57   | 14:24.51 | SPK BARBARA FEINSTE | USAID  |
| 13:33.38   | 14:24.50 | SPK CAROLYN LEVINE  | US EPA   |
| 13:38.44   | 14:24.47 | SPK JAMES PETTIT    | DEPT OF STATE                                  |
| 13:46.11   | 13:52.26 | SPK VENO ST.CYR II  | H.H.S.   |
| 13:50.36   | 14:24.49 | MARY YOSHIOKA       | SENATOR INOUYE'S OFFICE                        |
| 13:51.00   | 14:24.40 | SPK KEVIN YESKEY    | H.H.S.   |
| 13:52.30   | 14:24.51 | NATHAN BERGERBEST   | SENATOR MURKOWSKI                              |
| 13:55.00   | 14:24.51 | ERIC MONISTORY      | NAVY CRISIS ACTION TEAM                        |
| 13:55.10   | 14:24.41 | TOM CARRETTA        | US PACOM                                       |
| 13:55.25   | 14:24.39 | SPK ELLIOTT GILLERM | DOD  |
| 13:55.35   | 14:24.48 | JEREMY SHARP        | HHS LENDER                                     |
| 13:55.35   | 14:24.50 | KIM TACHIKA         | CONGRESS WOMEN OF LUCILLE ROYBAL-ALLARD OFFICE |
| 13:56.08   | 14:24.57 | SARAH DIETCH        | DHS  |
| 13:56.57   | 14:24.46 | JESSICA KINGSTON    | CENTER ARMED SERVICE                           |
| 13:57.00   | 14:24.29 | JOHN BERGE          | USDA   |
| 13:57.13   | 14:24.47 | DENNIS HALPIN       | HOUSE OF FOREIGN AFFAIRS                       |
| 13:57.32   | 14:24.51 | RAUL SOTOMAYOR      | NA ·   |
| 13:58.08   | 14:24.54 | SHELLY STONEMAN     | WHITEHOUSE LEGISLATIVE AFFAIRS                 |
| 13:58.43   | 14:24.47 | ANDREW WHITE        | FEMA EXTERNAL AFFAIR                           |

Conference Participant Report

Conf. Date: 3/19/2011 Conf. Time: 2:00 pm Company: Networx Leader: Bette Cook

Conference ID: 0.0

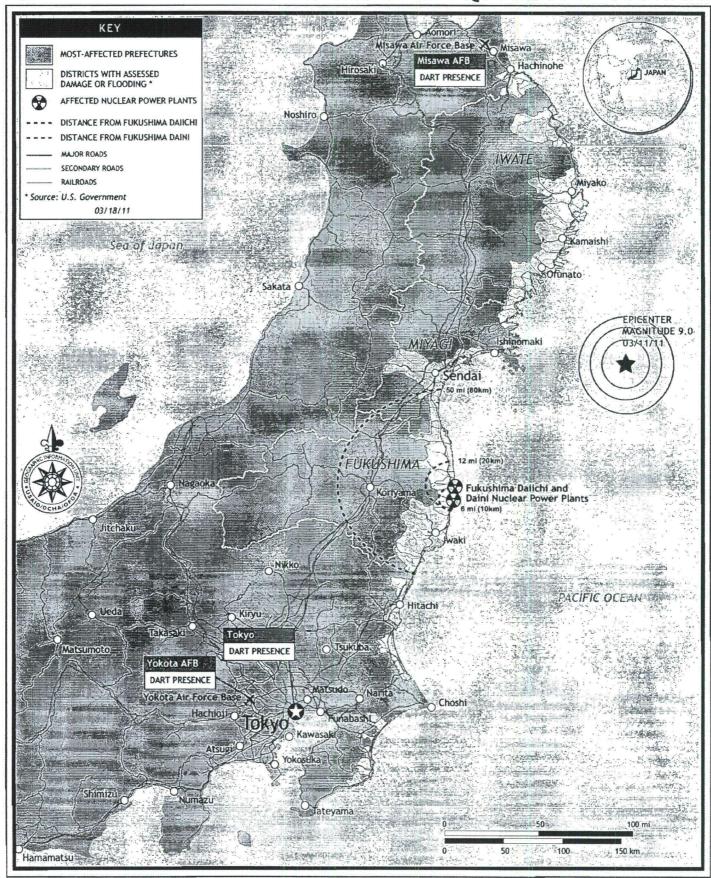


| Start Time | End Time | Name              | Organization                  |
|------------|----------|-------------------|-------------------------------|
| 13:58.57   | 14:24.44 | JESSICA NOTASUCO  | NA                            |
| 13:59.35   | 14:24.51 | HANNAH FISCHER    | CONGRESSIONAL RESEARCH CENTER |
| 13:59.38   | 14:24.55 | NO RESPONSE       | NA                            |
| 14:00.52   | 14:24.48 | TINA PLOYIA       | ENVIORNMENT AND PUBLIC WORKS  |
| 14:01.28   | 14:14.00 | BRIAN CARR        | JOINT STAFF                   |
| 14:17.29   | 14:24.51 | SPK MAURY HUGULEY | HHS                           |

Company: Networx
Leader: Bette Cook
Conference ID:



# USG HUMANITARIAN ASSISTANCE TO JAPAN FOR THE EARTHQUAKE AND TSUNAMI



Schmidt, Rebecca

Sent: To: Saturday, March 19, 2011 7:58 PM 'Mary.Frances.Repko@mail.house.gov'

Subject:

Re: NRC Contact

Not a problem. We have received several requests. I think people just want to help any way they can. Haven't seen you in a long time. Hope all is well. I have not met a contact in Cantor or the Speaker's office. One of these days I need to do that.

---- Original Message -----

From: Repko, Mary Frances < Mary.Frances.Repko@mail.house.gov>

To: Schmidt, Rebecca

Sent: Sat Mar 19 19:49:43 2011 Subject: Re: NRC Contact

Thanks so much Becky, sorry to foist this on you.

---- Original Message ----

From: Schmidt, Rebecca < Rebecca. Schmidt@nrc.gov>

To: Repko, Mary Frances; Lierman, Terry
Cc: Batkin, Joshua < Joshua.Batkin@nrc.gov>

Sent: Sat Mar 19 19:41:01 2011 Subject: Re: NRC Contact

Terry,

I talked to Mr Herndon and will pass the info on to our technical guys and the USAID business rep. I have his home and business numbers. Thanks for thinking of us. Becky

---- Original Message ----

From: Repko, Mary Frances < Mary Frances. Repko@mail.house.gov>
To: Lierman, Terry < Terry Lierman@mail.house.gov>; Schmidt, Rebecca

Sent: Sat Mar 19 16:17:53 2011

**Subject: NRC Contact** 

Terry, Rebecca (Becky) Schmidt is the head of NRC Congressional. Becky, Terry is my Chief of Staff. Mr. Hoyer has received some outreach from a constituent that has some technology he believes might assist with Japan response.

Terry this is the line in the emergency operations center for the Congressional phone: (301) 816-5209 -- NOT to be given to a constituent. Leg affairs staff are there 24 hours a day in the current crisis. I do not know if Becky is working now, she has had various shifts all week.

The main Congressional line is: 301-415-1776.

Becky, Terry is looking to connect this weekend and get NRC staff to reach out to this constituent ASAP. Terry's cell is:

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((i

Lierman, Terry <Terry.Lierman@mail.house.gov>

Sent:

Saturday, March 19, 2011 8:17 PM

To: Subject: Schmidt, Rebecca Re: NRC Contact

You better!

Terry Lierman
Chief of Staff
Office of the Democratic Whip
202-225-3130 (o)

(c)

---- Original Message -----

From: Schmidt, Rebecca < Rebecca. Schmidt@nrc.gov>

To: Lierman, Terry

Sent: Sat Mar 19 19:58:47 2011 Subject: Re: NRC Contact

Not a problem. I will stop in and say hi one of these days

---- Original Message -----

From: Lierman, Terry < Terry.Lierman@mail.house.gov>

To: Schmidt, Rebecca

Sent: Sat Mar 19 19:54:33 2011 Subject: Re: NRC Contact

Thanks so much!!

Terry Lierman
Chief of Staff
Office of the Democratic Whip
202-225-3130 (o)

---- Original Message ----

From: Schmidt, Rebecca < Rebecca. Schmidt@nrc.gov>

To: Repko, Mary Frances; Lierman, Terry Cc: Batkin, Joshua < Joshua.Batkin@nrc.gov>

Sent: Sat Mar 19 19:41:01 2011 Subject: Re: NRC Contact

Terry,

I talked to Mr Herndon and will pass the info on to our technical guys and the USAID business rep. I have his home and business numbers. Thanks for thinking of us. Becky

----- Original Message -----

From: Repko, Mary Frances < Mary. Frances. Repko@mail.house.gov>

To: Lierman, Terry < Terry.Lierman@mail.house.gov>; Schmidt, Rebecca

Sent: Sat Mar 19 16:17:53 2011

Subject: NRC Contact

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The main Congressional line is: 301-415-1776.

Becky, Terry is looking to connect this weekend and get NRC staff to reach out to this constituent ASAP. Terry's cell is:

Thanks, Mary Frances

Schmidt, Rebecca

Sent:

Sunday, March 20, 2011 9:48 AM

To:

Brenner, Eliot

Subject:

Re: Don't see an email re hearings.

It was about 900 am ysterday from home computer

---- Original Message ----From: Brenner, Eliot To: Schmidt, Rebecca

Sent: Sun Mar 20 09:46:25 2011

Subject: Don't see an email re hearings.

Eliot Brenner
Director, Office of Public Affairs
US Nuclear Regulatory Commission
Protecting People and the Environment
301 415 8200

C[15:15 12:15]

Sent from my Blackberry

80/291

Schmidt, Rebecca

Sent:

Sunday, March 20, 2011 11:20 AM

To:

Shane, Raeann

Subject:

FW: NRC phone briefing Sunday @ 3:00pm

Eric needs a radiation person to explain the new news on the 50 mile radius . please mention on call

From: Riley (OCA), Timothy

Sent: Saturday, March 19, 2011 4:27 PM

To: Riley (OCA), Timothy

Cc: Powell, Amy; Decker, David; Droggitis, Spiros; Dacus, Eugene; Weil, Jenny; Schmidt, Rebecca; Shane, Raeann

Subject: NRC phone briefing Sunday @ 3:00pm

The Nuclear Regulatory Commission will conduct a phone briefing at 3pm daily on Sunday to address domestic concerns following events in Japan.

Here is the dial-in information for the call on SUNDAY:

Dial In:

800-772-3842

Passcode: 10/6

BYES ...

Brenner, Eliot

Sent:

Sunday, March 20, 2011 4:27 PM

To:

Schmidt, Rebecca

Subject:

Re: NY Lt Gov call

Heartd from liason team the chairman wanted to talk by phone withLT gov today. May be very garbled message

I did run iinto eric leeds and he is leading the tuesday meeting (b)(5)

Eliot

**Eliot Brenner** 

Director, Office of Public Affairs
US Nuclear Regulatory Commission
Protecting People and the Environment
301 415 8200

C: DOWN PARK PROPER

Sent from my Blackberry

---- Original Message ----From: Schmidt, Rebecca To: Brenner, Eliot

Sent: Sun Mar 20 16:02:24 2011 Subject: Re: NY Lt Gov call

As of last niight they were coming to rockville on tues. FSME is in charge. Did something change leading to a call?

----- Original Message -----From: Brenner, Eliot To: Batkin, Joshua Cc: Schmidt, Rebecca

Sent: Sun Mar 20 14:01:56 2011

Subject: NY Lt Gov call

Would appreciate a readout on call afterwards because I am suspect they will run to media. Tnx.

**Eliot Brenner** 

Director, Office of Public Affairs
US Nuclear Regulatory Commission
Protecting People and the Environment
301 415 8200

C: (5)(5) Sent from my Blackberry