

Group BV

(Records Withheld  
In Part)

**Doane, Margaret**

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**From:** Doane, Margaret  
**Sent:** Friday, March 11, 2011 7:49 AM  
**To:** Foggie, Kirk; Mamish, Nader  
**Cc:** Abrams, Charlotte  
**Subject:** Re: Effect of the earthquake on the Nuclear Facilities in North-east area of Japan

Kirk,

(b)(5)

(b)(5)

. FYI there will be a press release for Diablo Canyon, which is in an unusual event. Obviously, OIP has no involvement. My understanding is that Reg. IV will be handling.

(b)(5)

(b)(5)

Finally, its a real credit to you that you and the agency have received communications from Japan so quickly. I'm very impressed-Kevin would be proud!  
Margie

Sent from an NRC Blackberry  
Margaret Doane

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

**From:** Foggie, Kirk  
**To:** Doane, Margaret; Mamish, Nader  
**Cc:** Abrams, Charlotte  
**Sent:** Fri Mar 11 05:32:39 2011  
**Subject:** Fw: Effect of the earthquake on the Nuclear Facilities in North-east area of Japan

FYI. pt 2 of the press release.

Currently, there is no serious structural damage found, and there have only been a few automatic shutdowns.

(b)(5)

Kirk  
Sent from Blackberry.

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

**From:** [bannai-toshihiro@meti.go.jp](mailto:bannai-toshihiro@meti.go.jp) <[bannai-toshihiro@meti.go.jp](mailto:bannai-toshihiro@meti.go.jp)>  
**To:** Foggie, Kirk  
**Cc:** Hidehiko Yamachika <[yamachika-hidehiko@jnes-usa.org](mailto:yamachika-hidehiko@jnes-usa.org)>  
**Sent:** Fri Mar 11 05:16:00 2011  
**Subject:** Re: Effect of the earthquake on the Nuclear Facilities in North-east area of Japan

Dear Kirk-san,

Here attached is the 2nd press release on earthquake.  
At Fukushima Daiichi Nuc Power Station, I heard external power outage is taking place.

Toshihiro

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

> Dear Kirk-san,

>

> Sorry for my frequent e-mail.

> 10 NPPs in Japan were automatically shut down in consequence of an

> earthquake occurring at 14:46 on 11th of March JST.

> Attached is a prompt report from NISA sent diplomatically.

> FYI.

>

> Toshihiro

>

**Doane, Margaret**

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**From:** Doane, Margaret  
**Sent:** Friday, March 11, 2011 1:19 PM  
**To:** Ramsey, Jack  
**Subject:** Fw: Ops Center called me

Can you confirm he's in the briefing.

Sent from an NRC Blackberry  
Margaret Doane

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

**From:** Doane, Margaret  
**To:** Mamish, Nader  
**Sent:** Fri Mar 11 13:14:41 2011  
**Subject:** Ops Center called me

I hope you are on the briefing and they do not need me. Please confirm we are on the briefing. Thanks.

Sent from an NRC Blackberry  
Margaret Doane

**Doane, Margaret**

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**From:** Doane, Margaret  
**Sent:** Friday, March 11, 2011 2:32 PM  
**To:** Ramsey, Jack  
**Subject:** Fw: Sharing Info on the Japanese Quake

Should have sent to you.

Sent from an NRC Blackberry  
Margaret Doane

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**From:** Doane, Margaret  
**To:** Mamish, Nader  
**Sent:** Fri Mar 11 14:31:00 2011  
**Subject:** Re: Sharing Info on the Japanese Quake

Ok. I'll just show him most recent public feeds from Cal. Note that they're not confirmed. If he needs to make any calls we'll offer to assist, if he has trouble. He has a mobile. Sound right?  
Margie

Sent from an NRC Blackberry  
Margaret Doane

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**From:** Mamish, Nader  
**To:** Doane, Margaret; Ramsey, Jack  
**Sent:** Fri Mar 11 14:19:19 2011  
**Subject:** Re: Sharing Info on the Japanese Quake

(b)(5)

Sent from my NRC blackberry  
Nader Mamish

(b)(6)

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**From:** Doane, Margaret  
**To:** Ramsey, Jack  
**Cc:** Mamish, Nader  
**Sent:** Fri Mar 11 14:11:22 2011  
**Subject:** Fw: Sharing Info on the Japanese Quake

See my note below (b)(5)

Sent from an NRC Blackberry  
Margaret Doane

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**From:** Doane, Margaret  
**To:** Mamish, Nader  
**Sent:** Fri Mar 11 13:43:04 2011  
**Subject:** Re: Sharing Info on the Japanese Quake

Nader.

(b)(5)

(b)(5)

Margie

Sent from an NRC Blackberry  
Margaret Doane

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**From:** Doane, Margaret  
**To:** Mamish, Nader  
**Sent:** Fri Mar 11 13:27:12 2011  
**Subject:** Re: Sharing Info on the Japanese Quake

Nader. Eric Leeds called Bill and we don't have any info. that you don't have.  
As a coincidence there is a manager here that was just at the plant. I think last week. On a long shot, if there are specific questions re: plant that Japanese experts at NRC would like to discuss, or anything (I'm not sure of their background) - I can get him engaged. Probably this won't help, but thought I'd let you know.  
Is NRC keeping in contact with Jim Lyons at IAEA? We should stay in good communication.  
Margie

Sent from an NRC Blackberry  
Margaret Doane

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**From:** Mamish, Nader  
**To:** Dembek, Stephen; Doane, Margaret; Foggie, Kirk; Abrams, Charlotte  
**Cc:** Breskovic, Clarence; (b)(6)  
**Sent:** Fri Mar 11 13:18:34 2011  
**Subject:** Re: Sharing Info on the Japanese Quake

I'm in the ops ctr. Any updates would be appreciated.

Tx

Sent from my NRC blackberry  
Nader Mamish  
(b)(6)

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**From:** Dembek, Stephen  
**To:** Doane, Margaret; Foggie, Kirk; Abrams, Charlotte; Mamish, Nader  
**Cc:** Breskovic, Clarence; (b)(6)  
**Sent:** Fri Mar 11 12:09:24 2011  
**Subject:** Sharing Info on the Japanese Quake

Please let Cal know what info you have and what info you'd like to have on the Japanese earthquake. He'll be able to pass the info on to others at the NRC and he'll try to find whatever info you'd like to know. Except for sensitive information, please use both of Cal's email addresses (cc'd above).

Thanks,  
Steve

Stephen Dembek, Branch Chief  
Office of International Programs  
US Nuclear Regulatory Commission  
ph: 301-415-2342

fax: 301-415-2395  
[stephen.dembek@nrc.gov](mailto:stephen.dembek@nrc.gov)

**Doane, Margaret**

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**From:** Doane, Margaret  
**Sent:** Friday, March 11, 2011 3:32 PM  
**To:** Borchardt, Bill  
**Subject:** Fw: Secretary Clinton video on supplying "coolant" to Japan

Here's what Cal was quoting. Can you view it. I can't on my old bb.

Sent from an NRC Blackberry  
Margaret Doane

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**From:** Breskovic, Clarence  
**To:** Breskovic, Clarence  
**Sent:** Fri Mar 11 13:26:43 2011  
**Subject:** Secretary Clinton video on supplying "coolant" to Japan

<http://www.state.gov/video/?videoid=822755222001>

BV/4



**Doane, Margaret**

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**From:** Doane, Margaret  
**Sent:** Friday, March 11, 2011 3:54 PM  
**To:** Fragoyannis, Nancy  
**Subject:** Re: cable

(b)(5)

Sent from an NRC Blackberry  
Margaret Doane

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**From:** Fragoyannis, Nancy  
**To:** Doane, Margaret  
**Sent:** Fri Mar 11 15:49:42 2011  
**Subject:** RE: cable

(b)(5)

**From:** Doane, Margaret  
**Sent:** Friday, March 11, 2011 3:48 PM  
**To:** Fragoyannis, Nancy  
**Subject:** Re: cable

Ok to send.

Sent from an NRC Blackberry  
Margaret Doane

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**From:** Fragoyannis, Nancy  
**To:** Doane, Margaret  
**Sent:** Fri Mar 11 15:44:38 2011  
**Subject:** RE: cable

I have no problem with your changes. Just wanted to make sure you didn't want me to change language in the cable.

I say we go with your changes as noted below. Say yes, and Nader will send.

Nancy

**From:** Doane, Margaret  
**Sent:** Friday, March 11, 2011 3:38 PM  
**To:** Fragoyannis, Nancy  
**Subject:** Re: cable

(b)(5)

Am I wrong?  
Margie

Sent from an NRC Blackberry  
Margaret Doane

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**From:** Fragoyannis, Nancy  
**To:** Doane, Margaret  
**Sent:** Fri Mar 11 15:32:02 2011  
**Subject:** RE: cable

Don't understand.

(b)(5)

**From:** Doane, Margaret  
**Sent:** Friday, March 11, 2011 3:24 PM  
**To:** Fragoyannis, Nancy  
**Cc:** Schwartzman, Jennifer; Mamish, Nader  
**Subject:** Re: cable

(b)(5)

Sent from an NRC Blackberry  
Margaret Doane

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**From:** Fragoyannis, Nancy  
**To:** Doane, Margaret  
**Cc:** Schwartzman, Jennifer; Mamish, Nader  
**Sent:** Fri Mar 11 15:09:11 2011  
**Subject:** cable

Margie,

This is the email I propose we send.

(b)(5)

(b)(5)

(b)(5)

Also see attached clean copy of cable.

Give me the go and Nader will send it.

Nancy

Nancy Fragoyannis  
Senior Level Advisor for Nonproliferation and  
International Nuclear Security  
Office of International Programs  
U.S. Nuclear Regulatory Commission  
301-415-8464

**Doane, Margaret**

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**From:** Doane, Margaret  
**Sent:** Friday, March 11, 2011 7:21 PM  
**To:** Smith, Brooke  
**Subject:** Fw: Japan

Will keep you informed.

Sent from an NRC Blackberry  
Margaret Doane

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

**From:** Batkin, Joshua  
**To:** Doane, Margaret  
**Cc:** Monninger, John; Borchardt, Bill; Coggins, Angela  
**Sent:** Fri Mar 11 19:18:55 2011  
**Subject:** Re: Japan

Yes, go. He mentioned on the vtc that we would reach out to them. Let us know if we do get any info or requests. Thank you.

Joshua C. Batkin  
Chief of Staff  
Chairman Gregory B. Jaczko  
(301) 415-1820

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

**From:** Doane, Margaret  
**To:** Batkin, Joshua  
**Cc:** Monninger, John; Borchardt, Bill  
**Sent:** Fri Mar 11 19:02:35 2011  
**Subject:** Japan

Josh,  
I've left you a note. I'm at the Ops Center.

(b)(5)

(b)(5)

Margie

Sent from an NRC Blackberry

Margaret Deane

**Doane, Margaret**

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**From:** Doane, Margaret  
**Sent:** Friday, March 11, 2011 7:40 PM  
**To:** Breskovic, Clarence; Mamish, Nader; Dembek, Stephen  
**Subject:** Re: NHK news reports TEPCO started to release air from Fukushima 1 reactor

Cal. Please make sure that you are following Nader's directions.

(b)(5)

Margie

Sent from an NRC Blackberry  
Margaret Doane

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**From:** Breskovic, Clarence  
**To:** Breskovic, Clarence  
**Sent:** Fri Mar 11 19:33:57 2011  
**Subject:** NHK news reports TEPCO started to release air from Fukushima 1 reactor

This will be my last report for the time being as the regular media outlets seem to be on top of things. If you get NHK TV (Japan Broadcasting Corp.) on your cable TV service I recommend watching it.

Thanks,  
Clarence

**Doane, Margaret**

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**From:** Doane, Margaret  
**Sent:** Friday, March 11, 2011 7:42 PM  
**To:** Batkin, Joshua  
**Subject:** Re: Tokyo Electric Power To Release Reactor Pressure

(b)(5)

Margie

Sent from an NRC Blackberry  
Margaret Doane

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**From:** Batkin, Joshua  
**To:** Doane, Margaret  
**Sent:** Fri Mar 11 19:36:59 2011  
**Subject:** Fw: Tokyo Electric Power To Release Reactor Pressure

Can't tell

Joshua C. Batkin  
Chief of Staff  
Chairman Gregory B. Jaczko  
(301) 415-1820

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**From:** Breskovic, Clarence  
**To:** Breskovic, Clarence  
**Sent:** Fri Mar 11 19:27:56 2011  
**Subject:** Tokyo Electric Power To Release Reactor Pressure

**Tokyo Electric Power To Release Reactor Pressure**

Tokyo, March 12 (Jiji Press) -- Tokyo Electric Power Co. has decided to release the pressure from reactors of a quake-hit nuclear power plant in Fukushima Prefecture, northern Japan, to prevent them from breaking down, company sources said Saturday.

Releasing the pressure from the company's Fukushima No. 1 nuclear power plant by opening their valves may let a small amount of radioactive substances leak out into the atmosphere, according to Tokyo Electric Power.

The safety of nearby residents will be ensured as all the residents in a 10-kilometer radius from the power plant have been evacuated or instructed by the government to stay at home, according to the sources.

Immediately after the 8.8-magnitude quake hit northeastern Japan, all the three operating reactors at the power plant stopped automatically.

Internal pressure is feared to have risen at all the reactors. The pressure in the No. 1 reactor increased to 600 kilopascals from the normal level of 400 kilopascals.

Meantime, Tokyo Electric Power is striving to restore the No. 2 reactor's cooling system, which stopped working because the quake caused a power outage and emergency diesel power generation equipment broke down.

While the reactor's cooling water levels are still kept at about 3.5 meters above the top of its nuclear fuel rods, the level's decline would force the fuel rods exposed to air to generate radiation.

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### **Radiation Could Already Have Leaked at Nuke Plant**

Tokyo, March 12 Kyodo -- Radioactive substances could already have leaked at the Fukushima No. 1 nuclear power plant after a magnitude 8.8 earthquake hit northern Japan, the operator Tokyo Electric Power Co. said Saturday.

The amount of radiation reached around 1,000 times the normal level in the control room of the No. 1 reactor of the plant, the Nuclear and Industrial Safety Agency also said. The discovery suggests radioactive steam could spread around the facility.

The agency also said radiation has been more than eight times the normal level at a monitoring post near the main gate of the plant.

The authorities expanded the evacuation area for residents in the vicinity of the plant from a 3-kilometer radius to 10 km on the orders of Prime Minister Naoto Kan, who plans to visit the facility later Saturday.



**Doane, Margaret**

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**From:** Doane, Margaret  
**Sent:** Friday, March 11, 2011 11:44 PM  
**To:** 'Sogabe-katsuhiro@jnes.go.jp'  
**Cc:** 'sato-tatsuo@jnes.go.jp'; Jaczko, Gregory; 'hernando.madronero@ge.com'  
**Subject:** Second Message from US NRC Chairman Jaczko

Dear Mr. Sogabe,

At this time the NRC technical staff has been in discussions with General Electric Hitachi regarding the technical issues that may be important for the plants in emergency. If your staff would find this information useful, please contact GEH.

The contact information is:

Hernando MADRONERO

+1-910-819-1002

[Hernando.madronero@ge.com](mailto:Hernando.madronero@ge.com)

And

[ge.hitachinuclearresponseteam@ge](mailto:ge.hitachinuclearresponseteam@ge.com)

.com

Margaret Doane  
Director, Office of International Programs  
US Nuclear Regulatory Commission  
Mobile: (b)(6)

Sent from an NRC Blackberry  
Margaret Doane

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**From:** Doane, Margaret  
**To:** [Sogabe-katsuhiro@jnes.go.jp](mailto:Sogabe-katsuhiro@jnes.go.jp) <[Sogabe-katsuhiro@jnes.go.jp](mailto:Sogabe-katsuhiro@jnes.go.jp)>  
**Cc:** [sato-tatsuo@jnes.go.jp](mailto:sato-tatsuo@jnes.go.jp) <[sato-tatsuo@jnes.go.jp](mailto:sato-tatsuo@jnes.go.jp)>; Jaczko, Gregory  
**Sent:** Fri Mar 11 20:33:59 2011  
**Subject:** Message from US NRC Chairman Jaczko

Dear Mr. Sogabe,

Chairman Jaczko, on behalf of the US Nuclear Regulatory Commission sends his condolences for loss of life from the earthquake. The US NRC Emergency Operations Center is going to be staffed all night, if you need any support.

The number for the operations center is:  
+1-301-816-5100

With kind regards,  
Margaret Doane  
Director, Office of International Programs  
US Nuclear Regulatory Commission  
Mobile: (b)(6)

**Doane, Margaret**

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**From:** Doane, Margaret  
**Sent:** Saturday, March 12, 2011 12:18 AM  
**To:** 'ShafferMr@state.gov'  
**Cc:** Smith, Brooke; Stahl, Eric  
**Subject:** Please call the Ops center ASAP

Re: Earthquake. Thanks  
Margie

Sent from an NRC Blackberry  
Margaret Doane

**Doane, Margaret**

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**From:** Doane, Margaret  
**Sent:** Saturday, March 12, 2011 7:40 AM  
**To:** Jaczko, Gregory  
**Subject:** Re: Can you forward me any emails you receive from japan

Did you see that you received a message?

Sent from an NRC Blackberry  
Margaret Doane

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

**From:** Jaczko, Gregory  
**To:** Doane, Margaret  
**Sent:** Sat Mar 12 07:36:07 2011  
**Subject:** Can you forward me any emails you receive from japan

**Doane, Margaret**

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**From:** Doane, Margaret  
**Sent:** Saturday, March 12, 2011 8:37 AM  
**To:** Mamish, Nader  
**Subject:** Fw: Call?

Fyi

Sent from an NRC Blackberry  
Margaret Doane

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

**From:** Jaczko, Gregory  
**To:** Virgilio, Martin; Doane, Margaret  
**Sent:** Sat Mar 12 08:02:56 2011  
**Subject:** FW: Call?

please be aware if a call comes in.  
thanks

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**From:** Poneman, Daniel [Daniel.Poneman@hq.doe.gov]  
**Sent:** Saturday, March 12, 2011 7:59 AM  
**To:** Jaczko, Gregory  
**Cc:** Lyons, Peter; Aoki, Steven; DAgostino, Thomas; Connery, Joyce  
**Subject:** Fw: Call?

Greg: forwarding msg from kondo-san. Trying to set up call. Dan

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

**From:** shunsuke.kondo@cao.go.jp <shunsuke.kondo@cao.go.jp>  
**To:** Poneman, Daniel  
**Sent:** Sat Mar 12 02:22:43 2011  
**Subject:** RE: Call?

Poneman-san

Thank you very much for your kind actions. I have just received a report on the new progress at 1F1, a significant reduction of CV pressure due to the use of SGTS line to vent the Wet-Well atmosphere, recovering the operation of air compressor to operate AOV. We hope the pressure will become below its design pressure soon, as well as unconfirmed report on the sound of explosion in the building.

As TEPCO team is required to be careful to the attack of tsunami, they are very slow in the action to recover the sea water cooling system. Therefore I am expecting the team will arrive at the conclusion about the next step they will take as an alternative to that relies on that line, paying due attention to the existence of hydrogen.

Therefore it is very kind of you to convey this information to Chairman Jaczko. I will also ask Chairman of Nuclear Safety Commission Dr. Madarame to contact with him.

Yours,  
Shunsuke Kondo

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

From: Poneman, Daniel [mailto:Daniel.Poneman@hq.doe.gov]  
Sent: Saturday, March 12, 2011 3:11 PM  
To: 近藤 駿介 (原子力委員会)  
Subject: RE: Call?

Kondo-san:

Just spoke with NRC Chairman Jaczko about the situation at Fukushima, and he would be very pleased to speak to you or indeed to make NRC expertise available to you and your colleagues. He can be reached through the NRC Operations Center at 301 816 5100.

I am turning in soon but if you need me you may call through our DOE Operations Center, 202-586-8100. My BB is (b)(6)

Sincerely,

Dan

Daniel B. Poneman  
Deputy Secretary  
US Department of Energy  
Washington, DC 20585  
(202) 586-5500

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

From: shunsuke.kondo@cao.go.jp [mailto:shunsuke.kondo@cao.go.jp]  
Sent: Friday, March 11, 2011 10:59 PM  
To: Poneman, Daniel  
Subject: RE: Call?

Poneman-san

It was very nice to talk with you on phone. The following is my note on the current situation. I will continue to update it as appropriate.

Current ( 12:00 of 2011/03/12) Situation of Fukushima Daiichi (1F, six units) and Fukushima Daini (2F, four units) Nuclear Power Plants Hit by Tohoku-chiho Taiheiyou-oki EQ (TT-EQ) on March 11, 2011

The TT-EQ caused automatic shutdown of all operating units of 1F, unit 1, 2, 3 and 2F, unit1, 2, 3, 4. Simultaneously, the off-site powers to these units were also lost due to the damage in fossil and some of hydro power generating stations in the network with which these units were connected. Furthermore, the emergency diesel generators (EDGs) of these units could not start operation due to extraordinary high Tsunami that damage heat sink line for these EDGs.

The regulatory authority recommended every operator to prepare so-called accident management procedure and features that should be followed in such situation ten years ago and currently all operators have this procedure as a part of operation manual. Therefore TEPCO team has started the operation to cool the core based on this procedure.

Difficulty in the execution was found, however, as the vital power source was not available due to the flooding of the building: this power source is to be used to supply power to sustain I&C system that is used to monitor plant status and operate motor operated valve (MOV) necessary in this operation in particular.

Therefore TEPCO has gathered power supply trucks and batteries from available sources near-by and the team is fighting to limit the probability of occurrence of large-scale release utilizing them.

1F1 is in most difficult situation as the radiation level around the unit rouse gradually at around 4:00 AM today due probably to the partial core damage due to the occasional suspension of core cooling (water injection, this is my personal viewpoint) and recognizing this and as a precaution the government asked evacuation to the people within 10 km from the plant.

The team started the water injection using fire-fighting car or fire engines to stabilize core condition and just succeeded to open the valve for CV venting under high radiation condition. We are very lucky that the wind direction is from land to sea at this time. However, the water level in the Reactor Pressure Vessel is reported to be stabilized due to the injection of the water, though it is now below the top of the core, probably due to the reason I mentioned above.

I am expecting that the team will start feed and bleed (F&B) operation in any units as smoothly as possible ( at least complete the preparation to perform the operation in parallel with making their best to recover sea water line, as key operation in these situation is the F&B operation utilizing venting line until we can recover the operation of sea water system as a heat sink and can use ECCS system.

Yours,

Shunsuke Kondo  
Chairman

Japan Atomic Energy Commission

Tel: 03-3581-9806 mobile (b)(6)

Email: shunsuke.kondo@cao.go.jp

**Doane, Margaret**

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**From:** Doane, Margaret  
**Sent:** Saturday, March 12, 2011 10:15 AM  
**To:** LIA02 Hoc; Mamish, Nader  
**Subject:** Fw: Need Ops Center POC

Please respond to Mickey.

Sent from an NRC Blackberry  
Margaret Doane

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

**From:** Freeland, Mickey CIVILIAN (b)(6)  
**To:** Way, Ralph; Abrams, Charlotte; Doane, Margaret  
**Sent:** Sat Mar 12 09:58:29 2011  
**Subject:** Need Ops Center POC

Good Morning,  
DTRA is engaging on the issues in Japan involving the Fukushima Power Station and want to get a POC in the NRC. DOE and NNSA have already been engaged. We are diverting a consequence management team out of Korea to assist Japanese authorities, but Nuc Power plants are not our area of expertise.  
I'll be monitoring my bb all day, but I am actually leaving for Korea tomorrow morning.  
Thanks,  
Mickey

**Doane, Margaret**

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**From:** Doane, Margaret  
**Sent:** Saturday, March 12, 2011 2:07 PM  
**To:** Ramsey, Jack  
**Cc:** Mamish, Nader; Foggie, Kirk  
**Subject:** Re: Items Open

Jack,  
Also, as for item 5 in note below - did we contact IAEA? Nader was to handle.  
Margie

Sent from an NRC Blackberry  
Margaret Doane

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

**From:** Doane, Margaret  
**To:** Mamish, Nader  
**Cc:** Ramsey, Jack; Foggie, Kirk  
**Sent:** Sat Mar 12 08:34:04 2011  
**Subject:** Items Open

(b)(5)

Margie



Sent from an NRC Blackberry  
Margaret Doane

**Doane, Margaret**

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**From:** Doane, Margaret  
**Sent:** Saturday, March 12, 2011 3:49 PM  
**To:** Borchardt, Bill  
**Cc:** Ramsey, Jack  
**Subject:** Two things

- 1) Tony Ullstes is on a chartered flight, not military. He's with Fairfax and LA Disaster teams.
- 2) We sent offers of assistance to both NISA and JNES. They have replied very kindly that at this time they are adequately staffed with expertise to address the issues. They appreciate the offer and knowing that we are there if they need anything.

Margie

Sent from an NRC Blackberry  
Margaret Doane

**Doane, Margaret**

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**From:** Doane, Margaret  
**Sent:** Saturday, March 12, 2011 4:31 PM  
**To:** Ramsey, Jack  
**Subject:** Fw: Message from Mr. Sogabe

Jack. Here's the official response from NISA. Note JNES is cc'd. This has an excellent message and they carefully crafted it, to me so we could use it to answer whether we've been in touch with NISA and JNES. I think that is the first question in the Q and As.  
Margie

Sent from an NRC Blackberry  
Margaret Doane

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

**From:** [iwamoto-akiko@jnes.go.jp](mailto:iwamoto-akiko@jnes.go.jp) <[iwamoto-akiko@jnes.go.jp](mailto:iwamoto-akiko@jnes.go.jp)>  
**To:** Doane, Margaret  
**Cc:** Jaczko, Gregory; [sato-tatsuo@jnes.go.jp](mailto:sato-tatsuo@jnes.go.jp) <[sato-tatsuo@jnes.go.jp](mailto:sato-tatsuo@jnes.go.jp)>; [sogabe-katsuhiko@jnes.go.jp](mailto:sogabe-katsuhiko@jnes.go.jp) <[sogabe-katsuhiko@jnes.go.jp](mailto:sogabe-katsuhiko@jnes.go.jp)>; [tomita-kazuhide@jnes.go.jp](mailto:tomita-kazuhide@jnes.go.jp) <[tomita-kazuhide@jnes.go.jp](mailto:tomita-kazuhide@jnes.go.jp)>  
**Sent:** Sat Mar 12 06:24:17 2011  
**Subject:** Message from Mr. Sogabe

Dear Ms. Doane,

President of JNES, Mr. Sogabe, thanks you for your transmitting the warm thoughts and expression from Mr. Jaczko. It is indeed terrible disaster and we are very sorry for the victims of the earthquakes and tsunamis.

We also appreciate your offer of support. For the time being, we feel we grasp well the situation, but it is very encouraging that the experienced American experts are ready to support us.

As for BWR experts, we have already enough support from Japanese BWR vendors, but your kind offer reassures us. In case we will need further expertise, we will let you know.

Right now, we are working hard to have the situation under control. This is the worst event that we ever had in our country, but we hope to get through the challenge.

We will, of course, try to share the information on the event with you as far as we can spare our efforts for that.

With best regards,

\*\*\*\*\*  
Akiko Iwamoto  
Assistant Director  
Office of International Programs  
Japan Nuclear Safety Organization (JNES) Tel. +81-3-4511-1911 (direct) Fax. +81-3-4511-1998  
Email: [iwamoto-akiko@jnes.go.jp](mailto:iwamoto-akiko@jnes.go.jp)  
\*\*\*\*\*

**Doane, Margaret**

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**From:** Doane, Margaret  
**Sent:** Saturday, March 12, 2011 4:59 PM  
**To:** Ramsey, Jack; LIA02 Hoc  
**Cc:** Virgilio, Martin  
**Subject:** Fw: Japan

I sent the following note to Alfredo

(b)(5)

Thanks,  
Margie

Sent from an NRC Blackberry  
Margaret Doane

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

**From:** Doane, Margaret  
**To:** 'arc@csn.es' <arc@csn.es>  
**Sent:** Sat Mar 12 16:46:19 2011  
**Subject:** Re: Japan

Alfredo,  
Immediately following the event we staffed our Operations Center. We sent offers of assistance to both NISA and JNES. They have replied very kindly that at this time they are adequately staffed with expertise to address the issues. They appreciate the offer and knowing that we are there if they need anything. At this time we are not further communicating with them to ensure that we do not cause any distraction. I will let Chairman Jaczko know that we exchanged notes. He too, is in contact with our Government officials. Our thoughts are with our counterparts in Japan to continue their efforts under such extreme tragedy and difficulty.

With kind regards,  
Margie

Sent from an NRC Blackberry  
Margaret Doane

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

**From:** DE LOS REYES CASTELO ALFREDO <arc@csn.es>  
**To:** Doane, Margaret  
**Sent:** Sat Mar 12 10:34:53 2011  
**Subject:** Japan

Hi Margie!

How are you dealing all the events in Japan? Is there something we can do? Any important new?

My President is in permanent contact with our Government

Alfredo

**Doane, Margaret**

---

**From:** Doane, Margaret  
**Sent:** Saturday, March 12, 2011 5:20 PM  
**To:** Ramsey, Jack; Foggie, Kirk  
**Subject:** US as part of Mission

Jack. Here was the earlier thinking. Events may have over taken this. Not sure what's officially come in as request to Fed gov't. As of last night Japan had only asked for disaster relief.

\*\*\*\*\*

(b)(5)

Sent from an NRC Blackberry  
Margaret Doane

**Doane, Margaret**

---

**From:** Doane, Margaret  
**Sent:** Saturday, March 12, 2011 5:26 PM  
**To:** Ramsey, Jack; Foggie, Kirk  
**Subject:** Regulatory Experts to Japan

Its from our website!!! So, nothing to do.  
Margie

**NRC EXPERTS DEPLOY TO JAPAN AS PART OF U.S. GOVERNMENT RESPONSE** Two officials from the U.S. Nuclear Regulatory Commission with expertise in boiling water nuclear reactors have deployed to Japan as part of a U.S. International Agency for International Development (USAID) team. USAID is the federal government agency primarily responsible for providing assistance to countries recovering from disaster. "We have some of the most expert people in this field in the world working for the NRC and we stand ready to assist in any way possible," said Chairman Gregory Jaczko. The NRC has stood up its Maryland-based headquarters Operations Center since the beginning of the emergency in Japan, and is operating on a 24-hour basis. The NRC will not provide information on the status of that country's nuclear power plants. Check the NRC web site or blog for the latest information on NRC actions. Other sources of information include: USAID -- [www.usaid.gov](http://www.usaid.gov) U.S. Dept. of State -- [www.state.gov](http://www.state.gov) FEMA -- [www.fema.gov](http://www.fema.gov) White House -- [www.whitehouse.gov](http://www.whitehouse.gov) Nuclear Energy Institute -- [www.nei.org](http://www.nei.org) International Atomic Energy Agency -- [www.iaea.org/press/](http://www.iaea.org/press/) For background information on generic operations at a boiling-water reactor, including an animated graphic, visit the NRC's website at [www.nrc.gov](http://www.nrc.gov).

Sent from an NRC Blackberry  
Margaret Doane

**Doane, Margaret**

---

**From:** Doane, Margaret  
**Sent:** Saturday, March 12, 2011 6:15 PM  
**To:** 'okubo-masaki@jnes.go.jp'  
**Cc:** Foggie, Kirk  
**Subject:** Re: Update of the news issued by NISA/METI on the massive earthquake in the Northern Japan

Dear Masaki Okubo,  
On behalf of the NRC, thank you for the information.

With kind regards,  
Margie Doane  
Director International Programs  
US Nuclear Regulatory Commission

Sent from an NRC Blackberry  
Margaret Doane

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

**From:** [okubo-masaki@jnes.go.jp](mailto:okubo-masaki@jnes.go.jp) <[okubo-masaki@jnes.go.jp](mailto:okubo-masaki@jnes.go.jp)>  
**To:** [okubo-masaki@jnes.go.jp](mailto:okubo-masaki@jnes.go.jp) <[okubo-masaki@jnes.go.jp](mailto:okubo-masaki@jnes.go.jp)>  
**Sent:** Sat Mar 12 17:32:36 2011  
**Subject:** Fw: Update of the news issued by NISA/METI on the massive earthquake in the Northern Japan

Dear all,

Please find here attached the updated version of the news release issued by NISA/METI on the earthquake in the Northern Japan on 11 March in Japan time.

Sincerely,

Masaki Okubo, Counseling Expert,  
Japan Nuclear Energy Safety Organization(JNES) TOKYU REIT Toranomon Bldg, 3-17-1, Toranomon,  
Minato-ku, Tokyo, 105-0001, Japan Tel:+81-3-4511-1902, FAX:+81-3-4511-1998 E-mail:okubo-  
masaki@jnes.go.jp URL: <http://www.jnes.go.jp>

**Doane, Margaret**

---

**From:** Doane, Margaret  
**Sent:** Saturday, March 12, 2011 7:40 PM  
**To:** Hayden, Elizabeth  
**Subject:** Fw: Japan

This is what I sent to my colleague in Spain.

Sent from an NRC Blackberry  
Margaret Doane

----- Original Message -----  
**From:** Doane, Margaret  
**To:** 'arc@csn.es' <arc@csn.es>  
**Sent:** Sat Mar 12 16:46:19 2011  
**Subject:** Re: Japan

Alfredo,  
Immediately following the event we staffed our Operations Center. We sent offers of assistance to both NISA and JNES. They have replied very kindly that at this time they are adequately staffed with expertise to address the issues. They appreciate the offer and knowing that we are there if they need anything. At this time we are not further communicating with them to ensure that we do not cause any distraction. I will let Chairman Jaczko know that we exchanged notes. He too, is in contact with our Government officials. Our thoughts are with our counterparts in Japan to continue their efforts under such extreme tragedy and difficulty.

With kind regards,  
Margie

Sent from an NRC Blackberry  
Margaret Doane

----- Original Message -----  
**From:** DE LOS REYES CASTELO ALFREDO <arc@csn.es>  
**To:** Doane, Margaret  
**Sent:** Sat Mar 12 10:34:53 2011  
**Subject:** Japan

Hi Margie!

How are you dealing all the events in Japan? Is there something we can do? Any important new?

My President is in permanent contact with our Government

Alfredo



**Doane, Margaret**

---

**From:** Doane, Margaret  
**Sent:** Saturday, March 12, 2011 7:42 PM  
**To:** Hayden, Elizabeth  
**Subject:** Fw: Update of the news issued by NISA/METI on the massive earthquake in the Northern Japan  
**Attachments:** News\_Releases\_No16[2].pdf

I received this from NISA tonight. May be what you have.  
Margie

Sent from an NRC Blackberry  
Margaret Doane

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

**From:** [okubo-masaki@jnes.go.jp](mailto:okubo-masaki@jnes.go.jp) <[okubo-masaki@jnes.go.jp](mailto:okubo-masaki@jnes.go.jp)>  
**To:** [okubo-masaki@jnes.go.jp](mailto:okubo-masaki@jnes.go.jp) <[okubo-masaki@jnes.go.jp](mailto:okubo-masaki@jnes.go.jp)>  
**Sent:** Sat Mar 12 17:32:36 2011  
**Subject:** Fw:Update of the news issued by NISA/METI on the massive earthquake in the Northern Japan

Dear all,

Please find here attached the updated version of the news release issued by NISA/METI on the earthquake in the Northern Japan on 11 March in Japan time.

Sincerely,

Masaki Okubo, Counseling Expert,  
Japan Nuclear Energy Safety Organization(JNES) TOKYU REIT Toranomom Bldg, 3-17-1, Toranomom,  
Minato-ku, Tokyo, 105-0001, Japan Tel:+81-3-4511-1902, FAX:+81-3-4511-1998 E-mail:okubo-  
masaki@jnes.go.jp URL. <http://www.jnes.go.jp>

**Doane, Margaret**

---

**From:** Doane, Margaret  
**Sent:** Saturday, March 12, 2011 7:44 PM  
**To:** Hayden, Elizabeth  
**Cc:** Brenner, Eliot  
**Subject:** Fw: Message from Mr. Sogabe

I received this from Japan this morning in response to our offer of help.  
Margie

Sent from an NRC Blackberry  
Margaret Doane

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

**From:** iwamoto-akiko@jnes.go.jp <iwamoto-akiko@jnes.go.jp>  
**To:** Doane, Margaret  
**Cc:** Jaczko, Gregory; sato-tatsuo@jnes.go.jp <sato-tatsuo@jnes.go.jp>; sogabe-katsuhiko@jnes.go.jp <sogabe-katsuhiko@jnes.go.jp>; tomita-kazuhide@jnes.go.jp <tomita-kazuhide@jnes.go.jp>  
**Sent:** Sat Mar 12 06:24:17 2011  
**Subject:** Message from Mr. Sogabe

Dear Ms. Doane,

President of JNES, Mr. Sogabe, thanks you for your transmitting the warm thoughts and expression from Mr. Jaczko. It is indeed terrible disaster and we are very sorry for the victims of the earthquakes and tsunamis.

We also appreciate your offer of support. For the time being, we feel we grasp well the situation, but it is very encouraging that the experienced American experts are ready to support us.

As for BWR experts, we have already enough support from Japanese BWR vendors, but your kind offer reassures us. In case we will need further expertise, we will let you know.

Right now, we are working hard to have the situation under control. This is the worst event that we ever had in our country, but we hope to get through the challenge.

We will, of course, try to share the information on the event with you as far as we can spare our efforts for that.

With best regards,

\*\*\*\*\*  
Akiko Iwamoto  
Assistant Director  
Office of International Programs  
Japan Nuclear Safety Organization (JNES) Tel. +81-3-4511-1911 (direct) Fax. +81-3-4511-1998  
Email: iwamoto-akiko@jnes.go.jp  
\*\*\*\*\*

**Doane, Margaret**

---

**From:** Doane, Margaret  
**Sent:** Saturday, March 12, 2011 8:06 PM  
**To:** Ramsey, Jack  
**Subject:** Responses

Hi Jack. Beth called.

(b)(5)

Again she was very appreciative.

I sent her the note I received this morning.

I told her feel free to call or I can come in to discuss, if needed.

So, from my perspective I'm not going to do anything else, unless asked.

Margie

Sent from an NRC Blackberry  
Margaret Doane

**Doane, Margaret**

---

**From:** Doane, Margaret  
**Sent:** Saturday, March 12, 2011 8:30 PM  
**To:** LIA02 Hoc  
**Subject:** Re: Answer OPA wants to put up on NRC public website

(b)(5)

Call if you want to discuss (b)(6)

Sent from an NRC Blackberry  
Margaret Doane

---

**From:** LIA02 Hoc  
**To:** Doane, Margaret  
**Cc:** Mamish, Nader  
**Sent:** Sat Mar 12 20:04:21 2011  
**Subject:** Answer OPA wants to put up on NRC public website

OPA asked me to look at a question asking, "What is NRC doing to encourage the IAEA to explain the situation at Japan's reactors in the context of the INES?"

In response, I came up with an answer and have run it by Holly. She likes my answer but we want to be sure that you agree. Let me know if you would like to edit the NRC response:

(b)(5)

Danielle

**Doane, Margaret**

---

**From:** Michael W. Chinworth [michael-chinworth@jnes-usa.org]  
**Sent:** Saturday, March 12, 2011 9:59 PM  
**To:** LIA02 Hoc  
**Cc:** Emche, Danielle; Ramsey, Jack; Foggie, Kirk; Doane, Margaret  
**Subject:** Re: Update of the news issued by NISA/METI on the massive earthquake in the Northern Japan

And many thanks as well. Let's continue to stay in touch.

Best,  
Michael C.

On 3/12/2011 9:49 PM, LIA02 Hoc wrote:

> Thank you Michael, this update is consistent with the concerns we had about Unit 3 and changing nature of the situation. Your updates have been invaluable.

>

> Let us know if there is anything at all that we can do. We understand the difficulties you mentioned. Only if it is convenient for Japan, NRC is available at any time to speak with our close counterparts, and welcome such an opportunity if that is best for Japan.

>

> Danielle

>

> -----Original Message-----

> From: Michael W. Chinworth [mailto:michael-chinworth@jnes-usa.org]

> Sent: Saturday, March 12, 2011 9:20 PM

> To: LIA02 Hoc

> Cc: Emche, Danielle; Ramsey, Jack; Foggie, Kirk

> Subject: Re: Update of the news issued by NISA/METI on the massive

> earthquake in the Northern Japan

>

> Apologies for omitting an important detail: pressure levels have

> dropped at Unit 3.

>

> -- Michael C.

>

>

> On 3/12/2011 9:14 PM, Michael W. Chinworth wrote:

>> Fukushima Daiichi Unit 1 status:

>>

>> -- Sea water pumps appear to be working. Cannot confirm at the moment on the external power sources.

>> -- Full rods no longer exposed. Control rods in place.

>> -- Pressure is stabilized although we have no details on pressure venting (number of instances, durations, etc.)

>> -- Current focus is on heat removal

>> -- No information on types of pumps or methods of boron introduction

>> as of now.

>>

>> [The JNES interpretation for this unit is that the situation has

>> improved.]

>>  
>> Fukushima Daiichi Unit 3:  
>>  
>> -- Situation is not as positive.  
>> -- Attempts have been made to operate water circulation systems in  
>> the unit using external power supplies (battery systems). Apparently  
>> these have no been successful.  
>> -- TEPCO is considering alternatives. Although specific information  
>> is limited, thoughts/suggestions might be welcomed although  
>> practically speaking it might be difficult to arrange a conference  
>> call simply because all the critical personnel are scattered.  
>>  
>> Press reports suggest continued difficulties at three units. I  
>> assume the two above are among the three but cannot confirm a third.  
>>  
>> -- Michael C.  
>>  
>>  
>>  
>> On 3/12/2011 8:32 PM, LIA02 Hoc wrote:  
>>> Whatever you can do. Before your phone call, based on news reports,  
>>> we were potentially considering to close up shop. I'm glad your  
>>> information came when it did. In case you do get a chance to ask  
>>> more questions of NISA, we are also curious about what their current  
>>> source of power is (are they still using batteries or do they have  
>>> emergency generators or another source of power)?  
>>>  
>>> Danielle  
>>> -----Original Message-----  
>>> From: Michael W. Chinworth [mailto:michael-chinworth@jnes-usa.org]  
>>> Sent: Saturday, March 12, 2011 8:17 PM  
>>> To: LIA02 Hoc  
>>> Cc: Emche, Danielle  
>>> Subject: Re: Fwd: Update of the news issued by NISA/METI on the  
>>> massive earthquake in the Nothern Japan  
>>>  
>>> Working on it.  
>>>  
>>> -- Michael C.  
>>>  
>>> 

(b)(4)
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>>>  
>>>  
>>> On 3/12/2011 7:58 PM, LIA02 Hoc wrote:  
>>>> I have seen the pdf you forwarded and it doesn't reference the new  
>>>> information we discussed on the phone. To follow-up with what you  
>>>> told me, anything you can find out about 1) the type of pumps they  
>>>> are using to get the sea water in and 2) what tank they are using  
>>>> to insert the boron into the water would be helpful. In addition,  
>>>> any confirmation or data/numbers about the second release you  
>>>> mentioned would be very helpful. Jack said that we owe you a drink.  
>>>>  
>>>> Your information from NISA is so helpful. Let me know if there's  
>>>> anything that I can help you with. Please call and keep the  
>>>> information coming if you hear anything.

>>>>

>>>> Danielle

>>>>

>>>> -----Original Message-----

>>>> From: Emche, Danielle

>>>> Sent: Saturday, March 12, 2011 7:27 PM

>>>> To: LIA02 Hoc

>>>> Subject: Fw: Fwd: Update of the news issued by NISA/METI on the  
>>>> massive earthquake in the Nothern Japan

>>>>

>>>>

>>>> Danielle

>>>> Sent from an NRC BlackBerry.

>>>>

>>>> ----- Original Message -----

>>>> From: Michael W. Chinworth<michael-chinworth@jnes-usa.org>

>>>> To: Emche, Danielle; Foggie, Kirk

>>>> Sent: Sat Mar 12 19:23:04 2011

>>>> Subject: Fwd: Update of the news issued by NISA/METI on the massive  
>>>> earthquake in the Nothern Japan

>>>>

>>>> This might be a little more recent.

>>>>

>>>>

>>>>

>>>> ----- Original Message -----

>>>> Subject: FW: Update of the news issued by NISA/METI on the  
>>>> massive earthquake in the Nothern Japan

>>>> Date: Sun, 13 Mar 2011 00:12:00 +0000

>>>> From: Yamachika, Hidehiko<yamachika-hidehiko@jnes-usa.org>

>>>> <mailto:yamachika-hidehiko@jnes-usa.org>

>>>> To: Michael Chinworth<michael-chinworth@jnes-usa.org>

>>>> <mailto:michael-chinworth@jnes-usa.org>

>>>>

>>>>

>>>> FYI

>>>>

>>>>

>>>> Subject: Fw:Update of the news issued by NISA/METI on the massive  
>>>> earthquake in the Nothern Japan

>>>>

>>>>

>>>>

>>>> Dear all,

>>>>

>>>> Please find here attached the updated version of the news release

>>>> issued by NISA/METI on the earthquake in the Northern Japan on 11

>>>> March in Japan time.

>>>>

>>>> Sincerely,

>>>>

>>>>

>>>>

>>>> Masaki Okubo, Counseling Expert,

>>>> Japan Nuclear Energy Safety Organization(JNES) TOKYU REIT Toranomom

>>>> Bldg, 3-17-1, Toranomom, Minato-ku, Tokyo, 105-0001, Japan

>>>> Tel:+81-3-4511-1902,  
>>>> FAX:+81-3-4511-1998 E-mail:okubo-masaki@jnes.go.jp URL.  
>>>> http://www.jnes.go.  
>>>> jp  
>>>>  
>>>>  
>>>>

--  
Michael W. Chinworth  
Senior Researcher  
Japan Nuclear Energy Safety Organization (JNES) 1850 M Street, N.W.  
Suite 1070  
Washington, D.C. 20036  
202-223-9584 (tel)  
202-223-9585 (fax)



**Doane, Margaret**

---

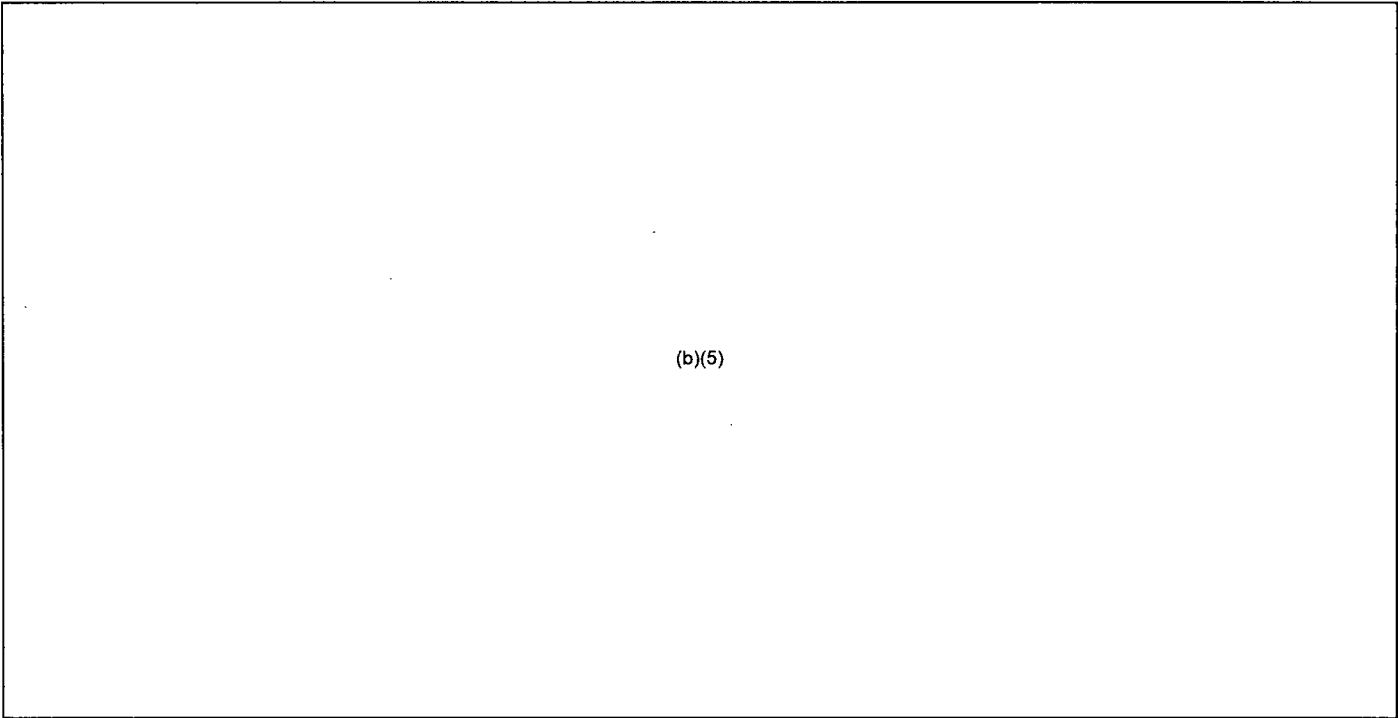
**From:** Schwartzman, Jennifer  
**Sent:** Saturday, March 12, 2011 11:18 PM  
**To:** Doane, Margaret  
**Subject:** Talking Points for Chairman  
**Attachments:** Information for March 12.doc

(s)(9)

**Doane, Margaret**

---

**From:** Doane, Margaret  
**Sent:** Saturday, March 12, 2011 11:22 PM  
**To:** Jaczko, Gregory  
**Subject:** Fw: Talking Points for Chairman  
**Attachments:** Information for March 12.doc



Sent from an NRC Blackberry  
Margaret Doane

---

**From:** Schwartzman, Jennifer  
**To:** Doane, Margaret  
**Sent:** Sat Mar 12 23:17:56 2011  
**Subject:** Talking Points for Chairman

**Doane, Margaret**

---

**From:** Doane, Margaret  
**Sent:** Saturday, March 12, 2011 11:30 PM  
**To:** Jaczko, Gregory; Borchardt, Bill  
**Subject:** Re: contact with staff on the ground yet?

Tony's plane was delayed. He's scheduled to land at 11:30. We've left messages for him on his phone and called US AID to tell them to have him call us ASAP for possible changing plant conditions.  
Margie

Sent from an NRC Blackberry  
Margaret Doane

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

**From:** Jaczko, Gregory  
**To:** Borchardt, Bill; Doane, Margaret  
**Sent:** Sat Mar 12 23:24:43 2011  
**Subject:** contact with staff on the ground yet?

**Doane, Margaret**

---

**From:** Doane, Margaret  
**Sent:** Saturday, March 12, 2011 11:58 PM  
**To:** Jaczko, Gregory  
**Subject:** Re:

Will get senior name at NISA.

Sent from an NRC Blackberry  
Margaret Doane

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

**From:** Doane, Margaret  
**To:** Jaczko, Gregory  
**Sent:** Sat Mar 12 23:57:09 2011

Other employee is on Commercial  
Airline to Narita. Left at 5:00 pm. Should be there around 12 hrs.

Sent from an NRC Blackberry  
Margaret Doane

**Doane, Margaret**

---

**From:** ozawa-yoshihiro@jnes.go.jp  
**Sent:** Sunday, March 13, 2011 12:42 AM  
**To:** ozawa-yoshihiro@jnes.go.jp; okubo-masaki@jnes.go.jp; iwamoto-akiko@jnes.go.jp  
**Subject:** Update of the news issued by NISA/METI on the massive earthquake in the norther japan  
**Attachments:** New\_Releases\_No[1].18\_IAEA.pdf  
  
**Importance:** High

Dear all,

Please find here attached the updated version of the news release issued by NISA/METI on the earthquake in the Northern Japan on 11 March in Japan time.

Sincerely,

#####

From Yoshihiro OZAWA, Dr of Eng.  
Office of International Programs  
Japan Nuclear Energy Safety Organization (JNES)

E-mail: [ozawa-yoshihiro@jnes.go.jp](mailto:ozawa-yoshihiro@jnes.go.jp)  
Tel: 81-3-4511-1912  
Fax: 81-3-4511-1998

#####

**Doane, Margaret**

---

**From:** LIA02 Hoc  
**Sent:** Sunday, March 13, 2011 1:39 AM  
**To:** [REDACTED] (b)(6)  
**Cc:** Jaczko, Gregory; Doane, Margaret; Weber, Michael  
**Subject:** Japan contacts (NISA)

Mr. Reed,

As you requested, please find below recommended NISA contact information for NRC technical staff on the ground in Japan:

For Jim Trapp, who will be landing in Tokyo within the next 4-6 hours and connecting with USAID, we recommend he speak with:

Mr. Koichiro NAKAMURA  
Deputy Director General for Nuclear Safety  
Nuclear and Industrial Safety Agency (NISA)  
+81-3-3501-5683 – phone  
+81-3-3501-0287 – fax  
[nakamura-koichiro1@meti.go.jp](mailto:nakamura-koichiro1@meti.go.jp)

For Tony Ulses, who should be on the ground with USAR, USAID, in Masawa, and then traveling to affected areas, we believe that the position he should work with is Director of NISA's Nuclear Power Inspection Division. During the 2007 earthquake that affected the Kashiwazaki-Kariwa NPP, the person in this position (at the time, a Mr. Nei) was instrumental in communication and coordination efforts on the ground. We believe Mr. Nei has since been promoted to direct another division, and we do not know the name of the individual currently in the position, however we believe the phone number to call is +81-3-3501-9547. We believe the director of this division would be able to identify NISA inspectors at the Fukushima site.

Please let us know if you require additional information.

Regards,  
NRC Operations Center  
International Liaison Desk

**Doane, Margaret**

---

**From:** Schwartzman, Jennifer  
**Sent:** Sunday, March 13, 2011 4:53 AM  
**To:** Doane, Margaret  
**Subject:** Fw: Report from DoE Tokyo office

FYI  
Sent from an NRC Blackberry

----- Original Message -----  
**From:** Shaffer, Mark R <ShafferMr@state.gov>  
**To:** Schwartzman, Jennifer  
**Sent:** Sun Mar 13 04:50:22 2011  
**Subject:** Fw: Report from DoE Tokyo office

Looks like AMBO did talk to Amano. Lyons and Flory are expected to be on TV Monday or Tuesday.

----- Original Message -----  
**From:** Davies, Glyn T  
**To:** Wood, Robert A; Scheland, Mark DL; Thomas, Elena A; Kessler, Kurt G; Buck, Christopher L; Paton, William J; Shaffer, Mark R; Hall-Godfrey, Jennifer J  
**Cc:** Zubarev, Jill E; 'lisa.hilliard@wins.org' <lisa.hilliard@wins.org>  
**Sent:** Sun Mar 13 04:43:53 2011  
**Subject:** Re: Report from DoE Tokyo office

Just spoke with him.

(b)(5)

----- Original Message -----  
**From:** Wood, Robert A  
**To:** Davies, Glyn T; Scheland, Mark DL; Thomas, Elena A; Kessler, Kurt G; Buck, Christopher L; Paton, William J; Shaffer, Mark R  
**Cc:** Zubarev, Jill E; 'lisa.hilliard@wins.org' <lisa.hilliard@wins.org>  
**Sent:** Sun Mar 13 04:30:05 2011  
**Subject:** Re: Report from DoE Tokyo office

Do you want me to contact Rafael to have the DG contact you immediately?

----- Original Message -----  
**From:** Davies, Glyn T  
**To:** Scheland, Mark DL; Thomas, Elena A; Kessler, Kurt G; Buck, Christopher L; Paton, William J; Shaffer, Mark R; Wood, Robert A  
**Cc:** Zubarev, Jill E; 'lisa.hilliard@wins.org' <lisa.hilliard@wins.org>  
**Sent:** Sun Mar 13 04:05:03 2011  
**Subject:** Re: Report from DoE Tokyo office

Was on a long conf call early this morning (3-4). Led by Joe Donovan of EAP, including OSD, NRC, Emb Tokyo, PACOM, USFJ, OFDA, AID, DOE. (b)(5)

(b)(5)

I've been tasked with getting to DG, which I've been seeking to do.



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

From: Scheland, Mark DL  
To: Thomas, Elena A; Kessler, Kurt G; Buck, Christopher L; Paton, William J; Shaffer, Mark R; TaskForce-1; zTask Force 1 Mailbox; Davies, Glyn T; Wood, Robert A  
Cc: Zubarev, Jill E; 'lisa.hilliard@wins.org' <lisa.hilliard@wins.org>  
Sent: Sun Mar 13 01:42:58 2011  
Subject: Report from DoE Tokyo office

Elena - Thanks for passing this on. I'm conveying it to the inter-agency Japan task force at State.

Japan Task Force - Hope this is news that came to you already from DoE.

UNVIE colleagues - please note the State Dept Japan task force addresses on this message and use them for any Japan earthquake information you receive.

- MS

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

From: Thomas, Elena A  
To: Scheland, Mark DL; Kessler, Kurt G; Buck, Christopher L; Paton, William J; Shaffer, Mark R  
Cc: Zubarev, Jill E; 'lisa.hilliard@wins.org' <lisa.hilliard@wins.org>  
Sent: Sun Mar 13 01:35:03 2011  
Subject: Fw: Official Request for USFJ support to transport cooling water to Fukushima plant RE: Radioactive Cesium detected near Fukushima plan No. t: nuke safety commission

FYI, below is an update from our DOE-Tokyo office.

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

From: Carlson, Nicholas <Nicholas.Carlson@nnsa.doe.gov>  
To: Thomas, Elena <Elena.Thomas@nnsa.doe.gov>; Zubarev, Jill <Jill.Zubarev@nnsa.doe.gov>; Hilliard, Lisa <hilliardlg@unvie.at>; Schoenbauer, Martin J (Beijing); Buzzard, Christine M; Awan, Riaz X (Sofia - DOE); Leach, Wayne <Wayne.Leach@nnsa.doe.gov>  
Sent: Sat Mar 12 19:07:02 2011  
Subject: Fw: Official Request for USFJ support to transport cooling water to Fukushima plant RE: Radioactive Cesium detected near Fukushima plan No. t: nuke safety commission

(b)(5)

Ron and Uchida-san are working on very little sleep but doing a fabulous job.

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

From: Koichi Uchida <cogito@gol.com>  
To: 'Koichi Uchida' <cogito@gol.com>; Lyons, Peter; Connery, Joyce; Cherry, Ron; Aoki, Steven; Poneman, Daniel; DAgostino, Thomas; Mustin, Tracy; Carlson, Nicholas; Alldridge, David; Hoffman, Patricia; Koonin, Steven; Miller, Neile; Krol, Joseph; Johnson, Shane; Kelly, John E (NE); McGinnis, Edward; NITOPS  
Cc: Duncan, Aleshia; OConnor, Rod; Bryan, William; Williams, Melvin; Hurlbut, Brandon; Anderson, Margot; Mueller, Stephanie; LaVera, Damien; Reynolds, Tom; Hunsaker, Christopher; Koontz, Thomas; Leistikow, Dan  
Sent: Sat Mar 12 17:40:08 2011  
Subject: RE: Official Request for USFJ support to transport cooling water to Fukushima plant RE: Radioactive Cesium detected near Fukushima plan No. t: nuke safety commission

NHK TV reported at 6:39 on Mar 13th : TEPCO reported GOJ that Fukushima Dai-ichi (Fukushima-1) Reactor No.3 has lost the cooling capability at 2:44.

As same as Fukushima-1 Reactor No.1, TEPCO will start releasing radiation steam from Reactor No.3.

Now, currently reactors with troubles are total 6 as below.

Fukushima Dai-ichi (it means No.1) NPP  
Reactor No.1 (BWR, 460 MWe)  
Reactor No.2 (BWR 784 MWe)  
Reactor No.3 (BWR 784 MWe)

Fukushima Dai-ni (it means No.2) NPP  
Reactor No.1 (BWR 1100 MWe)  
Reactor No.2 (BWR 1100 MWe)  
Reactor No.4 (BWR 1100 MWe)

Details of reactors are in IAEA web.

<http://www.iaea.org/cgi-bin/db.page.pl/pris.powrea.htm?country=JP&sort=&sortlong=Alphabetic>

Uchida  
DOE Tokyo

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

From: Koichi Uchida [mailto:cogito@gol.com]

Sent: Saturday, March 12, 2011 11:51 PM

To: 'Koichi Uchida'; 'Lyons, Peter'; 'Connery, Joyce'; 'Cherry, Ron'; 'Aoki, Steven'; 'Poneman, Daniel'; 'D'Agostino, Thomas'; 'Mustin, Tracy'; 'Carlson, Nicholas'; 'Aldridge, David'; 'Hoffman, Patricia'; 'Koonin, Steven'; 'Miller, Neile'; 'Krol, Joseph'; 'Johnson, Shane'; 'Kelly, John E (NE)'; 'McGinnis, Edward'; 'NITOPS'  
Cc: 'Duncan, Aleshia'; 'O'Connor, Rod'; 'Bryan, William'; 'Williams, Melvin'; 'Hurlbut, Brandon'; 'Anderson, Margot'; 'Mueller, Stephanie'; 'LaVera, Damien'; 'Reynolds, Tom'; 'Hunsaker, Christopher'; 'Koontz, Thomas'; 'Leistikow, Dan'

Subject: RE: Official Request for USFJ support to transport cooling water to Fukushima plant RE: Radioactive Cesium detected near Fukushima plan No. t: nuke safety commission

NHK news reported that Fukushima Prefectural Government announced three evacuees were found exposed by radiation (particular levels were not announced.)

When Fukushima Pref. Gov picked three from total 90 evacuees (patients and hospital employees) at a hospital in Futaba-machi, where is about 3 km North from Fukushima Dai-ichi NPP, they have found all of them were exposed at levels that decontamination should be necessary. However their health conditions are fine.

When the explosion was occurred at Fukushima Dai-ichi, Reactor No.1 at around 15:30 today, all of 90 evacuees were waiting Self Defense Force's helicopter transportation to the hospital in a high school grounds near the NPP.

uchida

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

From: Koichi Uchida [mailto:cogito@gol.com]

Sent: Saturday, March 12, 2011 9:06 PM

To: 'Koichi Uchida'; 'Lyons, Peter'; 'Connery, Joyce'; 'Cherry, Ron'; 'Aoki, Steven'; 'Poneman, Daniel'; 'D'Agostino, Thomas'; 'Mustin, Tracy'; 'Carlson, Nicholas'; 'Alldridge, David'; 'Hoffman, Patricia'; 'Koonin, Steven'; 'Miller, Neile'; 'Krol, Joseph'; 'Johnson, Shane'; 'Kelly, John E (NE)'; 'McGinnis, Edward'; 'NITOPS'  
Cc: 'Duncan, Aleshia'; 'OConnor, Rod'; 'Bryan, William'; 'Williams, Melvin'; 'Hurlbut, Brandon'; 'Anderson, Margot'; 'Mueller, Stephanie'; 'LaVera, Damien'; 'Reynolds, Tom'; 'Hunsaker, Christopher'; 'Koontz, Thomas'; 'Leistikow, Dan'

Subject: RE: Official Request for USFJ support to transport cooling water to Fukushima plant RE: Radioactive Cesium detected near Fukushima plan No. t: nuke safety commission

Prime Minister Kan made a press conference from 20:32, but he deferred Chief Cabinet Secretary Edano to speak about the details of Fukushima Dai-ichi Reactor No.1.

CCS Edano confirmed that only walls of reactor building were exploded at 15:35, but the pressure vessel was remained undestroyed.

He said TEPCO confirmed sound condition of the vessel.

He said the explosion was made by hydrogen leaked from water of the reactor and pooled between the contained vessel and the reactor building.

He added , to secure the safety, TEPCO has decided to fill sea water and boron into the pressure vessel and METI Minister Kaieda approved the measure.

Uchida  
DOE Tokyo

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

From: Koichi Uchida [mailto:cogito@gol.com]

Sent: Saturday, March 12, 2011 8:21 PM

To: 'Koichi Uchida'; 'Lyons, Peter'; 'Connery, Joyce'; 'Cherry, Ron'; 'Aoki, Steven'; 'Poneman, Daniel'; 'D'Agostino, Thomas'; 'Mustin, Tracy'; 'Carlson, Nicholas'; 'Alldridge, David'; 'Hoffman, Patricia'; 'Koonin, Steven'; 'Miller, Neile'; 'Krol, Joseph'; 'Johnson, Shane'; 'Kelly, John E (NE)'; 'McGinnis, Edward'; 'NITOPS'  
Cc: 'Duncan, Aleshia'; 'OConnor, Rod'; 'Bryan, William'; 'Williams, Melvin'; 'Hurlbut, Brandon'; 'Anderson, Margot'; 'Mueller, Stephanie'; 'LaVera, Damien'; 'Reynolds, Tom'; 'Hunsaker, Christopher'; 'Koontz, Thomas'; 'Leistikow, Dan'

Subject: RE: Official Request for USFJ support to transport cooling water to Fukushima plant RE: Radioactive Cesium detected near Fukushima plan No. t: nuke safety commission

NHK reported Prime Minister Kan would make an official announcement on Fukushima NPPs from 20:30, i.e. in 10 minutes time.

Uchida

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

From: Koichi Uchida [mailto:cogito@gol.com]

Sent: Saturday, March 12, 2011 8:18 PM

To: 'Koichi Uchida'; 'Lyons, Peter'; 'Connery, Joyce'; 'Cherry, Ron'; 'Aoki, Steven'; 'Poneman, Daniel'; 'D'Agostino, Thomas'; 'Mustin, Tracy'; 'Carlson, Nicholas'; 'Alldridge, David'; 'Hoffman, Patricia'; 'Koonin, Steven'; 'Miller, Neile'; 'Krol, Joseph'; 'Johnson, Shane'; 'Kelly, John E (NE)'; 'McGinnis, Edward'; 'NITOPS'  
Cc: 'Duncan, Aleshia'; 'OConnor, Rod'; 'Bryan, William'; 'Williams, Melvin'; 'Hurlbut, Brandon'; 'Anderson, Margot'; 'Mueller, Stephanie'; 'LaVera, Damien'; 'Reynolds, Tom'; 'Hunsaker, Christopher'; 'Koontz, Thomas'; 'Leistikow, Dan'

Subject: RE: Official Request for USFJ support to transport cooling water to Fukushima plant RE: Radioactive Cesium detected near Fukushima plan No. t: nuke safety commission

I am sorry I only found You Tube, but the original is from NHK World.

<http://www3.nhk.or.jp/nhkworld/>

uchida

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

From: Koichi Uchida [mailto:cogito@gol.com]

Sent: Saturday, March 12, 2011 8:10 PM

To: 'Koichi Uchida'; 'Lyons, Peter'; 'Connery, Joyce'; 'Cherry, Ron'; 'Aoki, Steven'; 'Poneman, Daniel'; 'D'Agostino, Thomas'; 'Mustin, Tracy'; 'Carlson, Nicholas'; 'Alldridge, David'; 'Hoffman, Patricia'; 'Koonin, Steven'; 'Miller, Neile'; 'Krol, Joseph'; 'Johnson, Shane'; 'Kelly, John E (NE)'; 'McGinnis, Edward'; 'NITOPS'  
Cc: 'Duncan, Aleshia'; 'O'Connor, Rod'; 'Bryan, William'; 'Williams, Melvin'; 'Hurlbut, Brandon'; 'Anderson, Margot'; 'Mueller, Stephanie'; 'LaVera, Damien'; 'Reynolds, Tom'; 'Hunsaker, Christopher'; 'Koontz, Thomas'; 'Leistikow, Dan'

Subject: RE: Official Request for USFJ support to transport cooling water to Fukushima plant RE: Radioactive Cesium detected near Fukushima plan No. t: nuke safety commission

[http://www.youtube.com/watch?v=pr\\_qds1ACTM](http://www.youtube.com/watch?v=pr_qds1ACTM)

The picture after the blast is in the above.

uchida

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

From: Koichi Uchida [mailto:cogito@gol.com]

Sent: Saturday, March 12, 2011 8:08 PM

To: 'Lyons, Peter'; 'Connery, Joyce'; 'Cherry, Ron'; 'Aoki, Steven'; 'Poneman, Daniel'; 'D'Agostino, Thomas'; 'Mustin, Tracy'; 'Carlson, Nicholas'; 'Alldridge, David'; 'Hoffman, Patricia'; 'Koonin, Steven'; 'Miller, Neile'; 'Krol, Joseph'; 'Johnson, Shane'; 'Kelly, John E (NE)'; 'McGinnis, Edward'; 'NITOPS'  
Cc: 'Duncan, Aleshia'; 'O'Connor, Rod'; 'Bryan, William'; 'Williams, Melvin'; 'Hurlbut, Brandon'; 'Anderson, Margot'; 'Mueller, Stephanie'; 'LaVera, Damien'; 'Reynolds, Tom'; 'Hunsaker, Christopher'; 'Koontz, Thomas'; 'Leistikow, Dan'

Subject: RE: Official Request for USFJ support to transport cooling water to Fukushima plant RE: Radioactive Cesium detected near Fukushima plan No. t: nuke safety commission

Dr. Lyons

No.

So far only NHK TV is showing the pictures before and after, but from the picture after the blast, I can see only frames of the reactor building.

UCHIDA

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

From: Lyons, Peter [mailto:Peter.Lyons@Nuclear.Energy.gov]

Sent: Saturday, March 12, 2011 7:30 PM

To: Connery, Joyce; cogito@gol.com; Cherry, Ron; Aoki, Steven; Poneman, Daniel; D'Agostino, Thomas; Mustin, Tracy; Carlson, Nicholas; Alldridge, David; Hoffman, Patricia; Koonin, Steven; Miller, Neile; Krol, Joseph; Johnson, Shane; Kelly, John E (NE); McGinnis, Edward; NITOPS

Cc: Duncan, Aleshia; O'Connor, Rod; Bryan, William; Williams, Melvin; Hurlbut, Brandon; Anderson, Margot; Mueller, Stephanie; LaVera, Damien; Reynolds, Tom; Hunsaker, Christopher; Koontz, Thomas; Leistikow, Dan  
Subject: Re: Official Request for USFJ support to transport cooling water to Fukushima plant RE: Radioactive Cesium detected near Fukushima plan No. t: nuke safety commission

Uchida

(b)(5)

Pete

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

From: Connery, Joyce

To: 'cogito@gol.com' <cogito@gol.com>; Lyons, Peter; Cherry, Ron; Aoki, Steven; Poneman, Daniel;

D'Agostino, Thomas; Mustin, Tracy; Carlson, Nicholas; Alldridge, David; Hoffman, Patricia; Koonin, Steven;

Miller, Neile; Krol, Joseph; Johnson, Shane; Kelly, John E (NE); McGinnis, Edward; NITOPS

Cc: Duncan, Aleshia; O'Connor, Rod; Bryan, William; Williams, Melvin; Hurlbut, Brandon; Anderson, Margot;

Mueller, Stephanie; LaVera, Damien; Reynolds, Tom; Hunsaker, Christopher; Koontz, Thomas; Leistikow, Dan

Sent: Sat Mar 12 05:26:14 2011

Subject: Re: Official Request for USFJ support to transport cooling water to Fukushima plant RE: Radioactive Cesium detected near Fukushima plan No. t: nuke safety commission

Uchida,

We still have no confirmation as to where the explosion took place, correct?

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

From: Koichi Uchida <cogito@gol.com>

To: Lyons, Peter; Cherry, Ron; Connery, Joyce; Aoki, Steven; Poneman, Daniel; D'Agostino, Thomas; Mustin,

Tracy; Carlson, Nicholas; Alldridge, David; Hoffman, Patricia; Koonin, Steven; Miller, Neile; Krol, Joseph;

Johnson, Shane; Kelly, John E (NE); McGinnis, Edward; NITOPS

Cc: Duncan, Aleshia; O'Connor, Rod; Bryan, William; Williams, Melvin; Hurlbut, Brandon; Anderson, Margot;

Mueller, Stephanie; LaVera, Damien; Reynolds, Tom; Hunsaker, Christopher; Koontz, Thomas; Leistikow, Dan

Sent: Sat Mar 12 05:23:46 2011

Subject: RE: Official Request for USFJ support to transport cooling water to Fukushima plant RE: Radioactive Cesium detected near Fukushima plan No. t: nuke safety commission

No news on the details of the explosion were announced by anyone; i.e. Chief Cabinet Secretary, NISA nor TEPCO.

Uchida

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

From: Lyons, Peter [mailto:Peter.Lyons@Nuclear.Energy.gov]

Sent: Saturday, March 12, 2011 6:55 PM

To: Cherry, Ron; Connery, Joyce; Aoki, Steven; Poneman, Daniel; D'Agostino, Thomas; Mustin, Tracy;

Carlson, Nicholas; Alldridge, David; Hoffman, Patricia; Koonin, Steven; Miller, Neile; Krol, Joseph; Johnson,

Shane; Kelly, John E (NE); McGinnis, Edward; NITOPS

Cc: Duncan, Aleshia; O'Connor, Rod; Bryan, William; Williams, Melvin; Hurlbut, Brandon; Anderson, Margot;

Mueller, Stephanie; LaVera, Damien; Reynolds, Tom; Hunsaker, Christopher; Koontz, Thomas; Leistikow,

Dan; 'cogito@gol.com'

Subject: Re: Official Request for USFJ support to transport cooling water to Fukushima plant RE: Radioactive Cesium detected near Fukushima plan No. t: nuke safety commission

I see no further downside now to use of sea water to cool whatever is left of the core and I don't see why it wasn't done earlier.

I presume both pressure vessel and containment were destroyed, but is there any info to suggest pressure vessel is still intact? If so, I think pouring anything on the vessel or its remnants is wise.

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

From: Cherry, Ron

To: Lyons, Peter; Connery, Joyce; Aoki, Steven; Poneman, Daniel; DAgostino, Thomas; Mustin, Tracy; Carlson, Nicholas; Alldridge, David; Hoffman, Patricia; Koonin, Steven; Miller, Neile; Krol, Joseph; Johnson, Shane; Kelly, John E (NE); McGinnis, Edward; NITOPS  
Cc: Duncan, Aleshia; OConnor, Rod; Bryan, William; Williams, Melvin; Hurlbut, Brandon; Anderson, Margot; Mueller, Stephanie; LaVera, Damien; Reynolds, Tom; Hunsaker, Christopher; Koontz, Thomas; Leistikow, Dan; cogito@gol.com <cogito@gol.com>  
Sent: Sat Mar 12 04:50:04 2011  
Subject: Re: Official Request for USFJ support to transport cooling water to Fukushima plant RE: Radioactive Cesium detected near Fukushima plan No. t: nuke safety commission

Pete,

I'm on a conference call with the interagency task force and raised this question. US Forces Japan advised that the Seventh Fleet is aware of the concern and advising its assets to avoid the plume area.

The GOJ earlier said using seawater to cool the core was the last resort. Question on the conference call was is that still an option and if so, at this point is there any downside.

Thanks.

Ron

This has been sent from my Blackberry

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

From: Lyons, Peter <Peter.Lyons@Nuclear.Energy.gov>  
To: Cherry, Ronald C; Connery, Joyce <Joyce.Connery@hq.doe.gov>; Aoki, Steven <Steven.Aoki@nnsa.doe.gov>; Poneman, Daniel <Daniel.Poneman@hq.doe.gov>; DAgostino, Thomas <Thomas.DAgostino@nnsa.doe.gov>; Mustin, Tracy <Tracy.Mustin@nnsa.doe.gov>; Carlson, Nicholas <Nicholas.Carlson@nnsa.doe.gov>; Alldridge, David <David.Alldridge@NNSA.Doe.Gov>; Hoffman, Patricia <Pat.Hoffman@hq.doe.gov>; Koonin, Steven <Steven.Koonin@science.doe.gov>; Miller, Neile <Neile.Miller@NNSA.doe.gov>; Krol, Joseph <Joseph.Krol@nnsa.doe.gov>; Johnson, Shane <SHANE.JOHNSON@nuclear.energy.gov>; Kelly, John E (NE) <JohnE.Kelly@Nuclear.Energy.Gov>; McGinnis, Edward <Edward.McGinnis@Nuclear.Energy.Gov>; NITOPS <NITOPS@nnsa.doe.gov>  
Cc: Duncan, Aleshia <Aleshia.Duncan@nuclear.energy.gov>; OConnor, Rod <Rod.OConnor@hq.doe.gov>; Bryan, William; Williams, Melvin <Melvin.Williams@Hq.Doe.Gov>; Hurlbut, Brandon <Brandon.Hurlbut@hq.doe.gov>; Anderson, Margot <Margot.Anderson@hq.doe.gov>; Mueller, Stephanie <Stephanie.Mueller@hq.doe.gov>; LaVera, Damien <Damien.LaVera@nnsa.doe.gov>; Reynolds, Tom <Tom.Reynolds@hq.doe.gov>; Hunsaker, Christopher <Christopher.Hunsaker@nnsa.doe.gov>; Koontz, Thomas <Thomas.Koontz@nnsa.doe.gov>; Leistikow, Dan <Dan.Leistikow@hq.doe.gov>; 'cogito@gol.com' <cogito@gol.com>  
Sent: Sat Mar 12 04:40:40 2011  
Subject: Re: Official Request for USFJ support to transport cooling water to Fukushima plant RE: Radioactive Cesium detected near Fukushima plan No. t: nuke safety commission

Ron

(b)(5)

Pete

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

From: Cherry, Ron  
To: Connery, Joyce; Aoki, Steven; Lyons, Peter; Poneman, Daniel; DAgostino, Thomas; Mustin, Tracy; Carlson, Nicholas; Alldridge, David; Hoffman, Patricia; Koonin, Steven; Miller, Neile; Krol, Joseph; Johnson, Shane; Kelly, John E (NE); McGinnis, Edward; NITOPS  
Cc: Duncan, Aleshia; OConnor, Rod; Bryan, William; Williams, Melvin; Hurlbut, Brandon; Anderson, Margot; Mueller, Stephanie; LaVera, Damien; Reynolds, Tom; Hunsaker, Christopher; Koontz, Thomas; Leistikow, Dan; Koichi Uchida <cogito@gol.com>  
Sent: Sat Mar 12 01:39:52 2011

Subject: FW: Official Request for USFJ support to transport cooling water to Fukushima plant RE: Radioactive Cesium detected near Fukushima plan No. t: nuke safety commission

News is reporting cesium and iodine were detected at Fukushima -1 and NISA estimates that melting of fuel and fuel cladding may have begun. We're looking for a statement.

NISA through MOFA has asked for US Forces Japan to help transport cooling water.

Navy radiation experts are being looped in here -- see email below. I'll be on a conference call with USFJ on this issue in a few moments.

This email is UNCLASSIFIED

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

From: John.Niemeyer@fe.navy.mil [mailto: (b)(6)]  
Sent: Saturday, March 12, 2011 3:17 PM  
To: Toko, Kenichiro (Ken); Cipullo, Timothy L; Cherry, Ronald C; Young, Joseph M; Walcott, Naomi  
Cc: (b)(6)  
Subject: E-Mail To Connect Everyone

The Cc's on this e-mails are U.S. Navy Nuclear Reactors/Radiological Control experts...

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

From: Zumwalt, James P  
Sent: Saturday, March 12, 2011 3:23 PM  
To: Kimura, Ayako; Fuller, Matthew G; Basalla, Suzanne I; Kelley, Karen D (IO/Tokyo); Quade, Christopher P; Toko, Kenichiro (Ken); Young, Joseph M; Miyazaki, Yumiko; Luke, Robert S  
Cc: Cipullo, Timothy L; Wall, Marc M; Walcott, Naomi; Cherry, Ronald C  
Subject: RE: Joe / Ken ---- Official Request for USFJ support to transport cooling water to Fukushima plant RE: Radioactive Cesium detected near Fukushima plan No. t: nuke safety commission

Thanks Aya -- Looping in Tim, Naomi, Marc and Ron who are working this nuclear issue.

SBU

This email is UNCLASSIFIED

James P. Zumwalt  
Deputy Chief of Mission  
U.S. Embassy, Tokyo  
1-10-5 Akasaka  
Minato ku Tokyo 107-8420  
(03) 3224-5550  
<http://tokyo.usembassy.gov/zblog/e/zblog-email.html>

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

From: Kimura, Ayako  
Sent: Saturday, March 12, 2011 3:03 PM  
To: Kimura, Ayako; Roos, John; Fuller, Matthew G; Basalla, Suzanne I; Zumwalt, James P; Kelley, Karen D (IO/Tokyo); Quade, Christopher P; Toko, Kenichiro (Ken); Young, Joseph M; Miyazaki, Yumiko; Luke, Robert S  
Subject: Joe / Ken ---- Official Request for USFJ support to transport cooling water to Fukushima plant RE: Radioactive Cesium detected near Fukushima plan No. t: nuke safety commission  
Importance: High

Joe, Ken -- I know you guys are on the phone....

MOFA Tamaura is trying to reach you. MOFA got an official request from Nuclear and Industrial Safety Agency for assistance from USFJ to transfer cooling water to the Fukushima Plant. Details are still very sketchy. MOFA will provide as soon as they have. MOFA asked us to give a heads up to USFJ.

Aya Kimura  
Political-Military Affairs Unit  
U.S. Embassy, Tokyo  
Tel: +81 3 3224 5913  
Fax: +81 3 3224 5290  
Cell: [REDACTED] (b)(6)  
E-mail: KimuraAX@state.gov

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

From: Kimura, Ayako  
Sent: Saturday, March 12, 2011 2:30 PM  
To: Kimura, Ayako; Roos, John; Fuller, Matthew G; Basalla, Suzanne I; Zumwalt, James P; Kelley, Karen D (IO/Tokyo); Quade, Christopher P; Toko, Kenichiro (Ken); Young, Joseph M; Miyazaki, Yumiko; Luke, Robert S  
Subject: Radioactive Cesium detected near Fukushima plant No. 1: nuke safety commission

NHK and other broadcasters are reporting as breaking news (as of 2:30pm)

-----  
Japan finds radioactive material leak at quake-hit Fukushima plant --- TOKYO, March 12, Kyodo

Radiation rose to an unusually high level in and near Tokyo Electric Power Co.'s Fukushima No. 1 nuclear plant Saturday following the powerful earthquake that hit northern Japan the previous day, the nuclear safety agency said, making it the first case of an external leak of radioactive substances since the disaster.

While the agency denied the radiation amount will pose an immediate threat to the health of nearby residents, the impact of the quake appeared to widen as the agency added the area close to the Fukushima No. 2 nuclear plant as a zone that requires evacuation.

Given the adjacent No. 2 plant also has quake-triggered malfunctions, the operator of the two plants in Fukushima Prefecture is set to release pressure in containers housing their reactors under an unprecedented government order, so as to avoid the plants sustaining damage and losing their critical containment function.

But the action would involve the release of steam that would likely include radioactive materials.

The amount of radiation reached around 1,000 times the normal level in the control room of the No. 1 reactor of the Fukushima No. 1 plant, the Nuclear and Industrial Safety Agency said.

The agency also said radiation has been measured at more than eight times the normal level near the main gate of the plant.

The authorities expanded the evacuation area for residents in the vicinity of the No. 1 plant from a 3-kilometer radius to 10 km on the orders of Prime Minister Naoto Kan, who visited the facility.

The government also declared that the Fukushima No. 2 plant is under a state of atomic-power emergency, in addition to the No. 1 plant, and expanded the evacuation area to include the vicinity of the No. 2 plant.

The instruction covers residents living in a radius of 3 kilometers of the Fukushima No. 2 plant. Those living in a radius of 3-10 kilometers of the plant have also been advised to stay inside. ==Kyodo

SBU  
This email is UNCLASSIFIED



Aya Kimura  
Political-Military Affairs Unit  
U.S. Embassy, Tokyo  
Tel: +81 3 3224 5913  
Fax: +81 3 3224 5290  
Cell: (b)(6)  
E-mail: KimuraAX@state.gov

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

From: Kimura, Ayako  
Sent: Saturday, March 12, 2011 2:26 PM  
To: Roos, John; Fuller, Matthew G; Basalla, Suzanne I; Zumwalt, James P; Kelley, Karen D (IO/Tokyo);  
Quade, Christopher P; Toko, Kenichiro (Ken); Young, Joseph M; Miyazaki, Yumiko  
Subject: Gen Field will attend the press briefing

SBU

This email is UNCLASSIFIED-----Original Message-----

From: Toko, Kenichiro (Ken)  
Sent: Saturday, March 12, 2011 2:12 PM  
To: Kimura, Ayako  
Subject: RE: GOJ Requests for Assistance- Updates as of 1230 JST 12MAR2011

Gen Field will attend the press briefing.

SBU

This email is UNCLASSIFIED

**Doane, Margaret**

---

**From:** Doane, Margaret  
**Sent:** Sunday, March 13, 2011 7:41 AM  
**To:** LIA02 Hoc  
**Subject:** Fw: Update of the news issued by NISA/METI on the massive earthquake in the norther japan  
**Attachments:** METI press release No19[1].pdf  
  
**Importance:** High

Latest Press release

Sent from an NRC Blackberry  
Margaret Doane

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

**From:** [ozawa-yoshihiro@jnes.go.jp](mailto:ozawa-yoshihiro@jnes.go.jp) <[ozawa-yoshihiro@jnes.go.jp](mailto:ozawa-yoshihiro@jnes.go.jp)>  
**To:** [ozawa-yoshihiro@jnes.go.jp](mailto:ozawa-yoshihiro@jnes.go.jp) <[ozawa-yoshihiro@jnes.go.jp](mailto:ozawa-yoshihiro@jnes.go.jp)>; [okubo-masaki@jnes.go.jp](mailto:okubo-masaki@jnes.go.jp) <[okubo-masaki@jnes.go.jp](mailto:okubo-masaki@jnes.go.jp)>; [iwamoto-akiko@jnes.go.jp](mailto:iwamoto-akiko@jnes.go.jp) <[iwamoto-akiko@jnes.go.jp](mailto:iwamoto-akiko@jnes.go.jp)>  
**Sent:** Sun Mar 13 07:37:58 2011  
**Subject:** Update of the news issued by NISA/METI on the massive earthquake in the norther japan

Dear all,

Please find here attached the updated version of the news release issued by NISA/METI on the earthquake in the Northern Japan on 11 March in Japan time.

Sincerely,

#####

From Yoshihiro OZAWA, Dr of Eng.  
Office of International Programs  
Japan Nuclear Energy Safety Organization (JNES)

E-mail: [ozawa-yoshihiro@jnes.go.jp](mailto:ozawa-yoshihiro@jnes.go.jp)  
Tel: 81-3-4511-1912  
Fax: 81-3-4511-1998

#####

March 13, 2011  
Nuclear and Industrial Safety Agency

Seismic Damage Information(the 19<sup>th</sup> Release)  
(As of 08:30 March 13, 2011)

Nuclear and Industrial Safety Agency (NISA) confirmed the current situation of Higashidori and Onagawa NPSs, Tohoku Electric Power Co., Inc; Higashidori, Fukushima Dai-ichi, Fukushima Dai-ni and Kashiwazaki-Kariwa NPSs, Tokyo Electric Power Co., Inc. and electricity, gas, heat supply and complex as follows:

1. Summary of Damage(Earthquake at Sanriku-Oki)

- (1) Time of Occurrence: 14:46 (UTC 5:46) March 11, 2011, Friday
- (2) Epicenter: Off-Coast of Sanriku (North Latitude: 38; East Longitude: 142.9), 10km deep, M8.8
- (3) Seismic Intensity in Japanese Scale  
<Area of Seismic Intensity Larger Than and Including 4>  
7: Northern Miyagi Prefecture  
6+: Northern and southern Ibaraki Prefecture  
5+: Sanpachi-Kamikita Aomori Prefecture  
5-: Chuetsu, Niigata Prefecture  
<Municipality of Seismic Intensity Larger than and Including 4>  
6+: Naraha Machi, Tomioka Machi, Ookuma-machi, and Futaba-machi, Fukushima Prefecture  
6-: Ishinomaki-city and, Onagawa town (by Seismograph of NPP)of , Miyagi Prefecture and Tokaimura, Ibaraki Pref.  
5-: Kariwa-village, Niigata Prefecture  
4: Rokkasho-village, Higashidori-village, Aomori Prefecture, Kashiwazaki-city, Niigata Prefecture and Yokosuka-city, Kanagawa Prefecture  
1: Tomari-village, Hokkaido

2. The status of operation at Power Stations(Number of automatic shutdown(units): 10 (as of 11:00, March12)

a. Onagawa Nuclear Power Station (Onagawa-machi and Ishinomaki-shi, Miyagi Prefecture)

(1) The status of operation

Unit 1 (524MWe): automatic shutdown, cold shut down at 0:58, March 12

Unit 2 (825MWe): automatic shutdown

Unit 3 (825MWe): automatic shutdown, cold shut down at 1:17, March 12

(2) Readings of monitoring post

Variation in the monitoring post readings: No

Variation in the main stack monitor readings: No

(3) Report concerning other malfunction

It is confirmed Smoke in the first basement of the Turbine Building was confirmed the extinguished at 22:55 on March 11th.

b. Fukushima Dai-ichi Nuclear Power Station, Tokyo Electric Power Co.,Inc.(TEPCO)

(Okuma-machi and Futaba-machi, Futaba-gun, Fukushima Prefecture)

(1) The status of operation

Unit 1 (460MWe): automatic shutdown

Unit 2 (784MWe): automatic shutdown

Unit 3 (784MWe): automatic shutdown

Unit 4(784MW): in periodic inspection outage

Unit 5(784MW): in periodic inspection outage

Unit 6(1,100MW): in periodic inspection outage

(2) Readings at monitoring post

The measurement of radioactive materials in the environmental monitoring area near the site boundary by a monitoring car confirmed the increase in the radioactivity compared to the radioactivity at 04:00, March 12 now.

MP4(Monitoring car data at the site boundary, North-west of Unit1):

40microSv/h(03:08, March13)

MP6 (at the main gate) 0.07microSv/h(04:00, March 12) ->

3.1microSv/h(04:50, March13)

3.2microSv/h(05:50, March13)

MP8 (at the observation platform) 0.07microSv/h(04:00, March12)

-> 5microSv/h(04:30, March13)  
5.2microSv/h(05:50, March13)

(3) Wind direction/wind speed(as of 20:38, March 12)

Wind direction: West

Wind Speed: 0.5m/s

(4)Report concerning other malfunction

Article 10\* of Act on Special Measures Concerning Nuclear Emergency  
Preparedness (Fukushima Dai-ichi)

(\*A heightened alert condition)

Article 15\*\* of Act on Special Measures Concerning Nuclear Emergency  
Preparedness (Fukushima Dai-ichi, Units 1 and 2)

(\*\* Nuclear emergency situation)

Situation of power source to recover water injection function at the Station.

-Cable from electric power generating cars are under connecting work(as of 15:04, March 12)

-Pressure in the containment vessel has arisen. Steam release is undertaking in order to relieve pressure.(as of 14:40, March 12)

-A radiation level exceeding 500 microSv/h was monitored at the site boundary(15:29, March 12). A large motion occurred due to an earthquake with close epicentre and an large sound was issued near Unit1 and smoke was observed.

-Unit 3: As the automatic trip of the HPCI, coolant injection using other systems tried but failed. The reactor injection function was lost. (05:10, March 13)

c. Fukushima-Daini Nuclear Power Station(TEPCO)

(Naraha-machi/Tomioka-machi, Futaba-gun, Fukushima pref.)

(1) The status of operation

Unit1(1,100MW): automatic shutdown

Unit2(1,100MW): automatic shutdown

Unit3(1,100MW): automatic shutdown, cold shut down at 12:15, March 12

Unit4(1,100MW): automatic shutdown

(2) Readings at monitoring post etc.

Variation in the monitoring post readings: No

Variation in the main stack monitoring readings: No

(3) Direction and velocity of wind (As of 01:59, 13 March)

Direction: South-west

Velocity: 4.7m/s

(4) Report concerning other malfunction

No Report of fire, etc.

Article 10\* of Act on Special Measures Concerning Nuclear Emergency

Preparedness (Fukushima Dai-ni, Unit 1)

(\*A heightened alert condition)

Article 15\*\* of Act on Special Measures Concerning Nuclear Emergency

Preparedness (Fukushima Dai-ni, Units 1,2 and 4)

(\*\*Nuclear emergency situation)

### 3. Industrial Safety

#### oElectricity

\* Tokyo Electric Power Co. (as of 04:30, March 13, 2011)

Scale of loss of electrical power: approx. 340 thousand houses

Power loss area:

Ibaraki Pref.: Whole area (approx. 332 thousand houses),

Tochigi Pref.: Mogi-cho, etc. (approx 7 thousand houses)

Chiba Pref.: Katori-shi, etc. approx 3 hundred houses)

\* Tohoku Electric Power Co. (as of 22:00, March 12, 2011)

Scale of loss of electrical power: approx.2150 thousand houses (under investigation)

Power loss area:

Iwate Pref.: Whole area, (approx 502 thousand houses)

Akita Pref: Some area (approx 600 houses)

Miyagi Pref: whole area (approx 1,283 thousand houses)

Aomori Pref.: area (approx 250 thousand houses)

Yamagata Pref: Recovered (as of 21:13, March 12)

Fukushima Pref: Some parts of Naka-dori and Hama-dori (approx 114 thousand houses)

Niigata Pref.: Recovered(as of 15:51, March 12)

\* Hokkaido Electric Power Co. (as of 14:00, March 12, 2011)

Electrical outage be restored

\*Chubu Electric Power Co. (as of 17:11, March 12, 2011)

Electrical outage be restored in naoan..(as of 17:11, March 12)

oGeneral Gas (as of 21:30, March 12)

The Japan Gas Association dispatched its six advance teams of thirty staff (five teams for Sendai and one team for Joban area) at 07:00, 12 March upon request from Sendai-shi.

Sendai-city municipal Gas, Kesenuma-city municipal Gas, Ishinomaki Gas have trouble contacting at 1:00 12 March. The Japan Gas Association confirmed that there are no supply disruption in the supply area of city gas in Hokkaido, Yamagata, and Akita prefecture.

\* Tokyo Gas Co. (whole area of Hitachi-shi)

Hitachi branch: 30,007 houses are in supply disruption. There is no damage in equipment, however, equipment is inoperable due to loss of power. Walkdown unit of eight person departed at 18:45, March 11 and already arrived at 06:00, March 12. Recovery plan will be established by 12 afternoon. Time of recovery is not certain.

Eastern part of Joso: 453 houses were in supply disruption in Ushiku (supply restarted at 17:10, March 11)

471 houses were in supply disruption in Ushiku-shi

Ushiku-cho(supply restarted at 22:36 March 11)

77 houses are in supply disruption in Ryugasaki(supply restarted at 16:20, March 11)

40 houses are in supply disruption in Nishi-ku, Yokohama-shi(supply restarted at 17:29, March 11)

Gas leaked from a Nozzle of an LNG tank at Sodegaura but no ignition (restored on 02:30, March 12)

\*Gas Bureau of Sendai-shi: whole supply disruption (approx.360 thousand houses)

\*Shiogama Gas Co.: approx.12,382 houses are in supply disruption. Shiogama-shi, Tagashiro-shi, Nanahama-shi and Rihusyo are out of service

due to no supply from Gas Bureau of Sendai)

\*Hachinohe Gas (Several part of Hachinohe-shi): approx.1,300 houses are in supply disruption.

\*Kamaishi Gas Co. : approx.10,000 houses are in supply disruption. First floor of this Gas facility sank.

\*Hatano Gas Co.: Approx. 380 houses are in supply disruption. Restoration will be expected 13<sup>th</sup> of March.

\*Keiyo Gas Co.: Leakage occurred at 5 locations of middle pressure conduit  
Leakage occurred at many parts of Low pressure conduits  
5,445 houses in Urayasu-shi are in supply disruption.  
Supply to Yachiyo Station stopped.

\*Kujukuri choei Gas: Approx 258 houses are in supply disruption.

\*Atsugi Gas Co: leakage occurred at 1 location of middle pressure conduit.

\*Fukushima Gas Co.: (A part of Fukushima-shi) About 2,726 houses are in supply disruption

\*Tohoku Gas (part of Shirakawa-shi): 300 houses are in supply disruption

\*Joban kyodo Gas(Iwaki-shi): 14,000 houses (whole customer) are in supply disruption

\*Tobu Gas Fukushima-shisya: 7,500 houses are in supply disruption (Koriyama-shi, Iwaki-shi) leakage occurred at 2 locations of middle pressure conduit, leakage occurred at 54 locations of low pressure conduits and another leakage occurred on 85 locations. 39 houses in supply disruption.

\*Tobu Gas (a part of Tsuchiura-shi) 7,500 houses in supply disruption  
(a part of Mito-shi) 330 houses in supply disruption

\*Joban Toshi Gas (Mito-shi) 60 houses in supply disruption

\*Tosai Gas(Kasukabe-shi) Gas leakage occurred from conduit. 150 houses in apartment are in supply disruption. Supply restarted in the afternoon 12 March.

\*Odawara Gas(Odawara-shi)

leakage occured at 1 locations of low pressure branch conduit and 3 locations of ex-core inner conduit and have restored at 21:30 11 March. Other areas are under investigation.

oCommunity Gas(as of 15:50, March 12)



Severe damage has not been reported to Japan Community Gas Association so far. No information is available about the damage in North part of Ibaraki prefecture.

\*Tokyo Gas Energy (North part of Ibaraki): Factory stopped supply to 943 houses in Nakago-New Town due to the leakage from pipe.

\*Satoh Kosan (based in Iwatsuki-ku, Saitama City) Iwatsuki-housing complex: Gas leakage occurred from conduit. 451 sites are in supply disruption.

\*Syutoken Gas (based in Sakura-City) Chitose-housing complex: 1,320 houses are in supply disruption

\*Kashima Marui Gas (Kamisu-shi): Gas conduit was damaged. 527 houses are in supply disruption. Time of recovery is not certain.

\*Nagashima Central Gas (Katori-shi) Tamatsukuri-housing complex, 222 houses are in supply disruption due to short circuit now under recovery works.

\*Taihei Sangyo (Takahagi-shi) Hagigaoka-housing complex 112 houses are in supply disruption due to short circuit. Recovery has completed at 21:00 11 March. (Takahagi-shi) Ishidaki-housing complex 648 houses and (Hitachi-shi) Hitachi-Densen Akasaka-housing complex 222 houses are in supply disruption. Under recovery works.

\*Taiyo Nissan Energy Kanto Kajima Branch: (Kamisu-shi) Mitsubishi Chemicals Yatabe Complex: 90 houses are in supply disruption due to activation. Investigation is underway for possible gas leakage on the main pipe.

\*Nihon Gas (Yaita-shi) Narita Koufuku high residential complex: Production of gas is stopped due to partial damage of the specific production building. 140 houses are in supply disruption[  
(Nasukarasuyama-shi) Kounodai New Town: Gas leakage from Main Pipe. 27 houses are in supply disruption.

(Itako-shi) kajima Hinode Housing Complex: 1876 houses are in supply disruption due to damage in the main and branch/torch in and out pipes

(Tokai-mura) Arayadai Housing Complex of JAEA Gas supply was disrupted due to smell of gas in the specified gas production facility.

(Tokai-mura) Nagahori Housing Complex of JAEA 145 houses were in supply disruption due to brake of mid-pressure pipe. Affected parts are under repair.

(Hitachioota-shi) Mayumigaoka New Town: 482 gas supply stopped due to autonomy request.

(Inashiki-shi) Yuisa Flat: There are possibilities of breaks in main and branch pipes and supply pipes. 94 houses are in supply disruption. Gas conduit is under repair.

\*Imaichi Gas: Gas leakage occurred from conduit at the simple gas complex in Nikko-shi: 240 houses were in gas supply disruption.

\*Nihon Gas: Gas leakage occurred from conduit at simple gas complex in the jurisdiction: 76 houses in Nasu-karasuyama-shi, 97 houses in Inashiki-shi, 594 houses in Tokai-mura, Natsu-gun, 370 houses in Yaita-shi, and 3,299 houses in Itako-shi were in gas supply disruption.

These areas other than Itako-shi will be restored on March 19. Residents in 1876 houses of Hinode housing complex in Itako-shi evacuated from this region due to liquefaction of the ground. Time of recovery is not certain.

212 houses in Noda-shi were in gas supply disruption. This area has been restored in March 11.

\*Horikawa Industry (Bando city, Ibaraki Pref.) : Iwai Greenland Due to liquefaction of the ground, 566 houses are in supply disruption.

\*Tajima : 250 houses were in gas supply disruption at the simple gas complex in Hachioji-city. This area will be restored within March 12.

\*Iwatani Kanto (Saitama-shi) Sashiogi Housing Complex: 6 houses are stopped supply. Currently leakage location is under remedy.

○Gas conduit Operators (as of 15:50, March12)

\*JX Nikko Nisseki Energy: Hachinohe LNG Base

Premise, electric room and in-house electricity generator equipment, were flooded by the 2<sup>nd</sup> wave of tsunami and the gas supply was stopped.

Pipe line and bubble station Petroleum Resources Development around Sendai-shi appeared to be flooded with water. Disruption of gas supply does not pose impediment because demands for gas were also disrupted.

○Heat supply (as of 15:50, March12)

West side area at Morioka station: heat supply was stopped due to power failure.

\*Yamagata Netsu Kyokyu (Yamagata-shi): Supply was stopped due to emergency shut down condition.

\*Onahama Haiyu (Onahama, Iwaki-shi): stopped heat supply due to the breakage of pipe. Heat supply pipes underground might be affected. Time of recovery is not certain.

\*\*"HITACHI NETSU ENERGY"(Hitachi City): stopped heat supply due to the electrical outage at 15:19, March 11.

\*\*"CHIBA NETSU KYOKYU"(Chiba-city): stopped freezer, etc. at 16:19, March 11. Supply was stopped and walkdown is conducted at 16:19, March 11.

\*\*"NISHI-IKEBUKURO NETSU KYOKYU": stopped freezer and boiler at 15:45, March 11.

\*\*"TOKYO NETSU KYOKYU";

-stopped boiler in Takeshiba and Yurakucho areas at 15:20, March 11

-stopped supply to one of the building complex at Hikarigaoka for approx. 3 hours due to the leakage of pipe at 21:35, March 11(Restart supplying at 00:05, March 12)

\*\*Yokohama Business Park NETSU KYOKYU (Hodogaya-ku, Yokohama

city)

15:50 Stopped steam and cold water supply to PREZZO building

16:20 restored by temporary repair

○Complex (as of 11:00, March 12)

\*Cosmo Oil factory Chiba branch

A column of Butane Butylene storage tank was broken. Fire occurred due to gas leakage. One person suffered serious injury, 4 persons suffered minor injury.

\*JX Nippon Oil&Energy Corporation Sendai oil factory (sendai-city, Miyagi prefecture)

-Fire occurred from an explosion of low temperature LPG tank

#### 4. Action taken by NISA

(March 11)

14:46 Set up of the NISA Emergency Preparedness Headquarters (Tokyo) immediately after the earthquake

15:42: TEPCO reported to NISA in accordance with Article 10 of the Act on Special Measures Concerning Nuclear Emergency Preparedness regarding Fukushima Dai-ichi, Units 1,2 and 3.

16:36: TEPCO judged the event in accordance with Article 15 of the Act for Special Measures Concerning Nuclear Emergency Preparedness regarding Fukushima Dai-ichi, Units 1 and 2.(notified to NISA at 16:45)

18:08: Unit 1 of Fukushima Dai-ichi notified NISA of the situation of the Article 10 of Act on Special Measures Concerning Nuclear Emergency Preparedness.

18:33: Units 1,2 and 4 of Fukushima Dai-ichi notified NISA of the situation of the Article 10 of Act on Special Measures Concerning Nuclear Emergency Preparedness.

19:03 : Government declared the state of nuclear emergency

20:50: Fukushima prefecture's emergency preparedness headquarters issued a directive regarding the accident occurred at Fukushima Dai-ichi Nuclear Power Station, TEPCO that the residents living in the area of 2km radius from Unit 1 of the Nuclear Power Station must evacuate.(The population of this area is 1,864)

21:23 Directives from Prime Minister to Governor of Fukushima, Mayor of Ookuma and Mayor of Futaba were issued regarding the accident occurred at Fukushima-Dai-ichi Nuclear Power Station, TEPCO, pursuant to Paragraph 3, Article 15 of the Act for Special Measures Concerning Nuclear Emergency Preparedness as follows:

- Residents living in the area of 3km radius from Unit 1 of the Nuclear Power Station must evacuate.
- Residents living in the area of 10km radius from the Unit 1 must take sheltering.

(March12)

5:22 Unit 1 of Fukushima Dai-ichi notified NISA of the situation of the Article 15 of Act on Special Measures Concerning Nuclear Emergency Preparedness.

5:32 Unit 2 of Fukushima Dai-ichi notified NISA of the situation of the Article 15 of Act on Special Measures Concerning Nuclear Emergency Preparedness.

05:44 Residents living in the area of 10km radius from unit 1 of the Nuclear Power Station must evacuate by the Prime Minister Direction.

06:07 Regarding Units 1,2 and 4 of Fukushima Dai-ichi NPS, TEPCO reported NISA in accordance with Article 15 of Act on Special Measures Concerning Nuclear Emergency Preparedness.

6:50 According to the article 64, 3 of nuclear regulation act, government order to control the internal pressure in Fukushima-daiichi unit No. 1 and 2

7:45 Directives from Prime Minister to Governor of Fukushima, Mayors of Hirono, Naraha, Tomioka, Ookuma and Futaba were issued regarding the accident occurred at Fukushima-Dai-ichi Nuclear Power Station, TEPCO, pursuant to Paragraph 3, Article 15 of the Act for Special Measures Concerning Nuclear Emergency Preparedness as follows:

- Residents living in the area of 3km radius from Fukushima-Dai-ichi Nuclear Power Station must evacuate.
- Residents living in the area of 10km radius from Fukushima-Dai-ichi NPS must take sheltering

17:00 Notification pursuant to Article 15 of the Act for Special Measure

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Concerning Nuclear Emergency Preparedness since the radiation level exceeded the acceptable level of Fukushima Dai-ichi Nuclear Power Station.(NPS).

- 17:39 Prime Minister directed evacuation of the residents living within the 10 km radius from the Fukushima-Dai-ichi NPS
- 18:25 Prime Minister directed evacuation of the residents living within the 20km radius from the Fukushima Dai-ichi NPS
- 19:55 Directives from Prime Minister was issued regarding sea water injection to Unit No.1 of Fukushima Dai-ichi NPS.
- 20:05 According to the article 64, 3 of nuclear regulation act and concerning to directives from Prime Minister, government ordered to inject sea water Unit No.1 of Fukushima Dai-ichi NPS.

(March 13)

5:38 Unit 3 of Fukushima-Dai-ichi notified to NISA the situation of the Article 15 of Act on Special Measures Concerning Nuclear Emergency Preparedness at the specific emergency stage under the loss of all of the coolant injection function.

TEPCO is on the progress of the recovering of both of the power source and coolant injection function, and on vent for reducing of the pressure of RPV.

<Possible Exposure to Residents>

(1) Case for Travel from Futaba Public Welfare Hospital to Nihonmatsu Man and Woman Symbiosis Center, Fukushima Prefecture

- i) No. of persons to be measured: About 60 persons
- ii) Measured Result: Not yet
- iii) Passage: Exposure could have happened while waiting to be picked up by helicopter at the Futaba high school ground
- iv) Other

Prefectural Response Headquarters judged that there were no exposure to 35 persons who traveled from Futaba Public Welfare Hospital to Kawamata Saiseikai Hospital, Kawamata-machi by the private bus provided by Fukushima Prefecture.

(2) Case for Futaba-machi Residents Evacuated by Buses

- i) No. of Persons: About 100 persons
- ii) Measured Result: 9 persons out of 100 persons

No. of Counts	No. of Persons
18,000cpm	1
30,000-36000cpm	1
40,000cpm	1
little less than 40,000cpm*	1
very small counts	5

\*(This results was measured without shoes, though the first measurement exceeded 100,000cpm)

- iii) Passage: Under investigation
- iv) Other

Though persons evacuated in different location outside of the Prefecture (Miyagi Prefecture), all destinations are under confirmation.

# News Release





# News Release

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(Contact Person)  
Mr. Toshihiro Bannai  
Director, International Affairs Office,  
NISA/METI  
Phone: +81-(0)3-3501-1087

**Doane, Margaret**

---

**From:** Doane, Margaret  
**Sent:** Sunday, March 13, 2011 12:06 AM  
**To:** Foggie, Kirk  
**Subject:** High Level Point of Contact at NISA/and or JNES

(b)(5)

Sent from an NRC Blackberry  
Margaret Doane

**Doane, Margaret**

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**From:** Doane, Margaret  
**Sent:** Sunday, March 13, 2011 7:44 AM  
**To:** LIA02 Hoc; Foggie, Kirk  
**Subject:** Re: Tony Ulses has called from Japan

Excellent that bb works. Did we find out how the call with MOFA went?

Sent from an NRC Blackberry  
Margaret Doane

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**From:** LIA02 Hoc  
**To:** Doane, Margaret; Foggie, Kirk  
**Sent:** Sun Mar 13 03:52:35 2011  
**Subject:** Tony Ulses has called from Japan

His blackberry is working. When he went through customs he was given a name of a Ministry of Foreign Affairs staffer to contact, Ms. Kazumi Yamata. He wanted instructions from NRC on whether it was OK to call her. We told him that he should definitely contact her and let us know what she reports, but that we are also hoping to have a technical NISA contact for him within a few hours. He is going to call back in one hour (roughly 5 AM EST).

**Doane, Margaret**

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**From:** Doane, Margaret  
**Sent:** Sunday, March 13, 2011 8:46 AM  
**To:** LIA02 Hoc  
**Subject:** Fw: last news from CSN

Here is info from Spain. Can anyone translate.  
Margie

Sent from an NRC Blackberry  
Margaret Doane

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

**From:** DE LOS REYES CASTELO ALFREDO <[arc@csn.es](mailto:arc@csn.es)>  
**To:** [guillaume.gillet@asn.fr](mailto:guillaume.gillet@asn.fr) <[guillaume.gillet@asn.fr](mailto:guillaume.gillet@asn.fr)>; Martina Palm <[Martina.Palm@bmu.bund.de](mailto:Martina.Palm@bmu.bund.de)>; Doane, Margaret  
**Sent:** Sun Mar 13 07:49:50 2011  
**Subject:** last news from CSN

I know it's in Spanish, but I'm sure you understand it.

We are online with ASN: we just transmit the information from NISA or IAEA and we communicate Spaniards in Japan to follow the indications from local authorities.

[http://www.csn.es/index.php?option=com\\_content&view=article&id=17081%3Acomunicado-3-el-csn-continua-el-seguimiento-de-la-situacion-de-las-centrales-nucleares-de-japon&catid=13%3Anoticias&Itemid=29&lang=es](http://www.csn.es/index.php?option=com_content&view=article&id=17081%3Acomunicado-3-el-csn-continua-el-seguimiento-de-la-situacion-de-las-centrales-nucleares-de-japon&catid=13%3Anoticias&Itemid=29&lang=es)

Alfredo

**Doane, Margaret**

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**From:** LIA02 Hoc  
**Sent:** Sunday, March 13, 2011 8:52 AM  
**To:** Doane, Margaret; Schwartzman, Jennifer  
**Cc:** LIA03 Hoc  
**Subject:** RE: Shift transition

We spoke to Tony and he got on the plane to Tokyo. We are waiting for Ron Cherry to arrange for the call with NISA to be patched in.

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

**From:** Doane, Margaret  
**Sent:** Sunday, March 13, 2011 8:48 AM  
**To:** Schwartzman, Jennifer  
**Cc:** Owens, Janice; Smith, Brooke; Abrams, Charlotte; LIA02 Hoc  
**Subject:** Re: Shift transition

(b)(5)

Sent from an NRC Blackberry  
Margaret Doane

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

**From:** Schwartzman, Jennifer  
**To:** Doane, Margaret  
**Cc:** Owens, Janice; Smith, Brooke; Abrams, Charlotte; LIA02 Hoc  
**Sent:** Sun Mar 13 07:54:45 2011  
**Subject:** Shift transition

Margie,

Charlotte and I have just handed things over to Janice and Brooke. Here are some salient points from the end of our shift:

-situation at unit 3 does not appear to have gotten worse -Tony Ulises was being flown to Tokyo to meet with MOFA and NISA officials and then Ambassador Roos. Unclear if he will be asked to remain in Tokyo.

(b)(5)

Hope this helps,  
Jen  
Sent from an NRC Blackberry

**Doane, Margaret**

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**From:** Young, Francis  
**Sent:** Sunday, March 13, 2011 9:07 AM  
**To:** Abrams, Charlotte; Stahl, Eric  
**Cc:** Doane, Margaret  
**Subject:** Fw: Fukushima event - UK response

Charlotte  
Looking for our answer.

Looking to respond in a timely manner.

Skip

Sent from NRC BlackBerry  
Francis Young

(b)(6)

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**From:** [Andy.Hall@hse.gsi.gov.uk](mailto:Andy.Hall@hse.gsi.gov.uk) <[Andy.Hall@hse.gsi.gov.uk](mailto:Andy.Hall@hse.gsi.gov.uk)>  
**To:** Young, Francis  
**Cc:** [mnl@nrc.gov](mailto:mnl@nrc.gov) <[mnl@nrc.gov](mailto:mnl@nrc.gov)>; [Derek.Lacey@hse.gsi.gov.uk](mailto:Derek.Lacey@hse.gsi.gov.uk) <[Derek.Lacey@hse.gsi.gov.uk](mailto:Derek.Lacey@hse.gsi.gov.uk)>;  
[Mark.Bassett@hse.gsi.gov.uk](mailto:Mark.Bassett@hse.gsi.gov.uk) <[Mark.Bassett@hse.gsi.gov.uk](mailto:Mark.Bassett@hse.gsi.gov.uk)>  
**Sent:** Sun Mar 13 08:19:51 2011  
**Subject:** Fukushima event - UK response

Francis

cc. Melvyn Leach  
Derek Lacey  
Mark Bassett

NII has set up its incident suite to manage activities aimed at getting a better understanding of the incident at the Fukushima BWRs in Japan and see whether there are lessons to be learned for our own nuclear facilities. We would like to coordinate our response and advice to government with other major nuclear safety regulators such as yourselves. Please let me know if USNRC/NII would be able to share information and thoughts on this event.

Regards - Andy Hall

Deputy Chief Inspector  
ND Division 2  
Health & Safety Executive  
4N.1 Redgrave Court  
Merton Road  
Bootle, Merseyside  
L20 7HS

Tel.: +44 151 951 4165

Mob.: (b)(6)

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**Doane, Margaret**

---

**From:** Borchardt, Bill  
**Sent:** Sunday, March 13, 2011 9:33 AM  
**To:** Doane, Margaret  
**Cc:** Weber, Michael; Mamish, Nader; Virgilio, Martin; Ramsey, Jack  
**Subject:** Re: OIP Most Recent Analysis

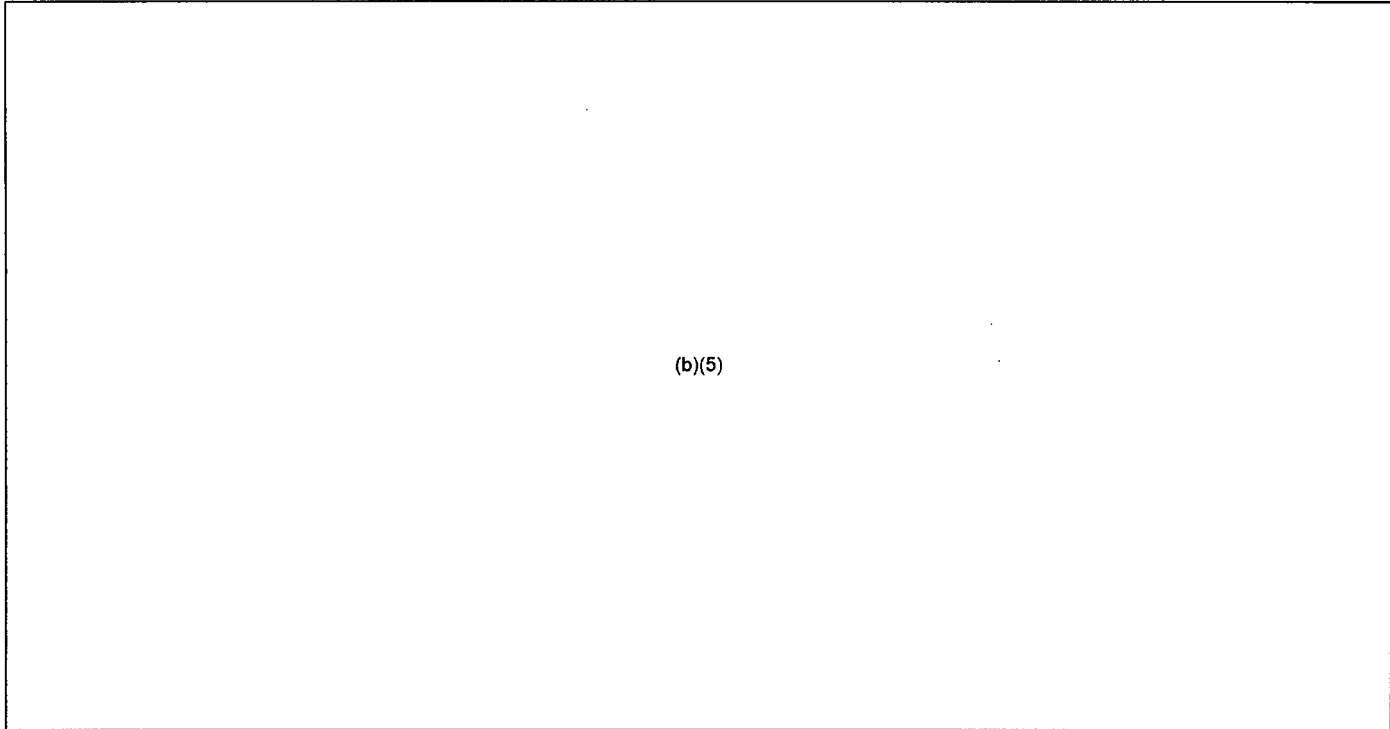
Margie,  
I agree completely with your note.  
Bill Borchardt  
Via blackberry

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

**From:** Doane, Margaret  
**To:** Borchardt, Bill  
**Cc:** Weber, Michael; Mamish, Nader; Virgilio, Martin; Ramsey, Jack  
**Sent:** Sun Mar 13 09:15:53 2011  
**Subject:** OIP Most Recent Analysis

I want to get this to the Chairman ASAP. Please get me your views. Feel free to share.

\*\*\*\*\*



Call if you'd like to discuss. I'm at home.

(b)(6)

Sent from an NRC Blackberry  
Margaret Doane



**Doane, Margaret**

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**From:** Ramsey, Jack  
**Sent:** Sunday, March 13, 2011 10:00 AM  
**To:** Doane, Margaret  
**Subject:** FW: OIP Most Recent Analysis

**Importance:** High

If need be, I can call Shawn Gallagher. He and I have talked frequently over the past 48 hours (he has a nuclear background, so we're talking technical issues).

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

**From:** Ramsey, Jack  
**Sent:** Sunday, March 13, 2011 9:55 AM  
**To:** Doane, Margaret  
**Cc:** Weber, Michael; Mamish, Nader; Virgilio, Martin; Borchardt, Bill  
**Subject:** RE: OIP Most Recent Analysis  
**Importance:** High

Margie,

(b)(5)

(b)(5)

Jack

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

**From:** Doane, Margaret  
**Sent:** Sunday, March 13, 2011 9:16 AM  
**To:** Borchardt, Bill  
**Cc:** Weber, Michael; Mamish, Nader; Virgilio, Martin; Ramsey, Jack  
**Subject:** OIP Most Recent Analysis  
**Importance:** High

I want to get this to the Chairman ASAP. Please get me your views. Feel free to share.

\*\*\*\*\*

(b)(5)

BV/41

(b)(5)

Call if you'd like to discuss. I'm at home (b)(6)

Sent from an NRC Blackberry  
Margaret Doane

**Doane, Margaret**

---

**From:** Len.Creswell@hse.gsi.gov.uk  
**Sent:** Sunday, March 13, 2011 10:03 AM  
**To:** Borchardt, Bill  
**Cc:** Derek.Lacey@hse.gsi.gov.uk; Colin.Patchett@hse.gsi.gov.uk; Kevin.Allars@hse.gsi.gov.uk; Mike.Weightman@hse.gsi.gov.uk; HOO Hoc; Leeds, Eric; Doane, Margaret; Virgilio, Martin  
**Subject:** RE: Contact point for sharing assessment on Japan position

Bill

Many thanks - we too have our response centre going which is currently being run by Derek Lacey.

Len

Len Creswell  
Nuclear Directorate, Health & Safety Executive  
4N.G Redgrave Court, Merton Road, Bootle, L20 7HS

Tel: 0151 951 3376  
VPN: 523 3376  
e.mail [len.creswell@hse.gsi.gov.uk](mailto:len.creswell@hse.gsi.gov.uk)

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---

**From:** Borchardt, Bill [<mailto:Bill.Borchardt@nrc.gov>]  
**Sent:** 13 March 2011 13:57  
**To:** Len Creswell; Leeds, Eric; Doane, Margaret; Virgilio, Martin  
**Cc:** Derek Lacey; Colin Patchett; Kevin Allars; Mike Weightman; HOO Hoc  
**Subject:** Re: Contact point for sharing assessment on Japan position

Len,  
We have staffed our operations center since initiation of the event. We have an international liaison position that will get in touch with you.  
Bill Borchardt  
Via blackberry

---

**From:** [Len.Creswell@hse.gsi.gov.uk](mailto:Len.Creswell@hse.gsi.gov.uk) <[Len.Creswell@hse.gsi.gov.uk](mailto:Len.Creswell@hse.gsi.gov.uk)>  
**To:** Borchardt, Bill; Borchardt, Bill; Leeds, Eric  
**Cc:** [Derek.Lacey@hse.gsi.gov.uk](mailto:Derek.Lacey@hse.gsi.gov.uk) <[Derek.Lacey@hse.gsi.gov.uk](mailto:Derek.Lacey@hse.gsi.gov.uk)>; [Colin.Patchett@hse.gsi.gov.uk](mailto:Colin.Patchett@hse.gsi.gov.uk) <[Colin.Patchett@hse.gsi.gov.uk](mailto:Colin.Patchett@hse.gsi.gov.uk)>; [Kevin.Allars@hse.gsi.gov.uk](mailto:Kevin.Allars@hse.gsi.gov.uk) <[Kevin.Allars@hse.gsi.gov.uk](mailto:Kevin.Allars@hse.gsi.gov.uk)>; [Mike.Weightman@hse.gsi.gov.uk](mailto:Mike.Weightman@hse.gsi.gov.uk) <[Mike.Weightman@hse.gsi.gov.uk](mailto:Mike.Weightman@hse.gsi.gov.uk)>  
**Sent:** Sun Mar 13 09:42:13 2011  
**Subject:** Contact point for sharing assessment on Japan position

Bill & Eric

We here in the UK are tracking and assessing what is happening with the reactors in Japan. I'm sure NRC is doing the same.

We are keen to share and exchange information on our assessments of events in Japan. Have you a contact point we could use?.

Len

Len Creswell  
Nuclear Directorate, Health & Safety Executive  
4N.G Redgrave Court, Merton Road, Bootle, L20 7HS

Tel: 0151 951 3376  
VPN: 523 3376  
e.mail [len.creswell@hse.gsi.gov.uk](mailto:len.creswell@hse.gsi.gov.uk)

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<http://www.hse.gov.uk/newreactors/ebulletin.htm>

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**Doane, Margaret**

---

**From:** LIA02 Hoc  
**Sent:** Sunday, March 13, 2011 10:17 AM  
**To:** Doane, Margaret; LIA03 Hoc  
**Cc:** Ramsey, Jack; Mamish, Nader  
**Subject:** RE: OIP Most Recent Analysis

Please send the message to the Chairman now.

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

**From:** Doane, Margaret  
**Sent:** Sunday, March 13, 2011 9:48 AM  
**To:** LIA02 Hoc; LIA03 Hoc  
**Cc:** Ramsey, Jack; Mamish, Nader  
**Subject:** Re: OIP Most Recent Analysis

Brooke can you call me? (b)(6)

Sent from an NRC Blackberry  
Margaret Doane

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

**From:** Doane, Margaret  
**To:** LIA02 Hoc; LIA03 Hoc  
**Cc:** Ramsey, Jack; Mamish, Nader  
**Sent:** Sun Mar 13 09:29:56 2011  
**Subject:** Re: OIP Most Recent Analysis

(b)(5)  
Marge

Sent from an NRC Blackberry  
Margaret Doane

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

**From:** LIA02 Hoc  
**To:** Doane, Margaret; LIA03 Hoc  
**Cc:** Ramsey, Jack; Mamish, Nader  
**Sent:** Sun Mar 13 09:27:34 2011  
**Subject:** RE: OIP Most Recent Analysis

Marty Virgilio is heading the Ops Center right now.

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

**From:** Doane, Margaret  
**Sent:** Sunday, March 13, 2011 9:22 AM  
**To:** LIA02 Hoc; LIA03 Hoc  
**Cc:** Ramsey, Jack; Mamish, Nader  
**Subject:** Fw: OIP Most Recent Analysis  
**Importance:** High

BV/43

I put together the attached based on our discussions over the past 24 hours. Its draft and in circulation right now. We should have this to the Chairman as quickly as possible. I sent it to Bill, but who is the heading the Ops center right now.  
Margie

Sent from an NRC Blackberry  
Margaret Doane

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

From: Doane, Margaret

To: Borchardt, Bill

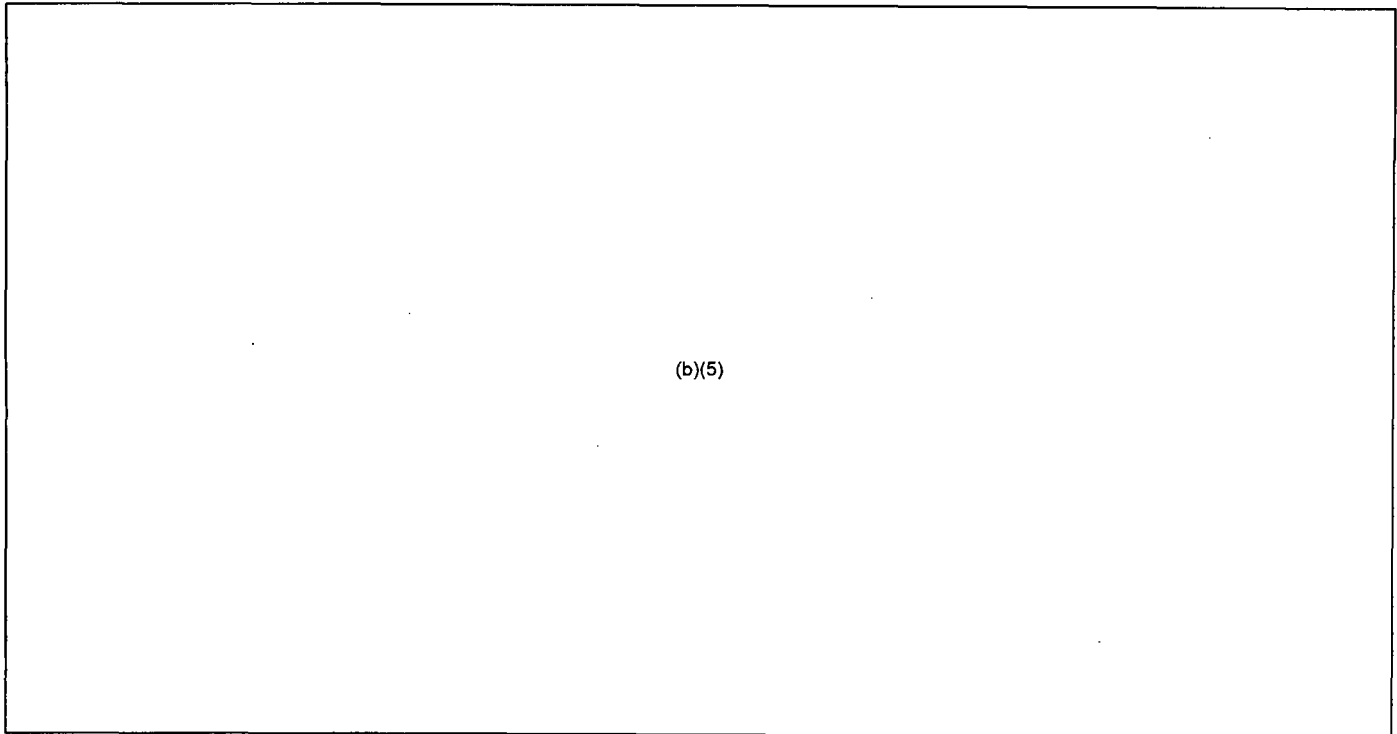
Cc: Weber, Michael; Mamish, Nader; Virgilio, Martin; Ramsey, Jack

Sent: Sun Mar 13 09:15:53 2011

Subject: OIP Most Recent Analysis.

I want to get this to the Chairman ASAP. Please get me your views. Feel free to share.

\*\*\*\*\*



Call if you'd like to discuss. I'm at home.

(b)(6)

Sent from an NRC Blackberry  
Margaret Doane

**Doane, Margaret**

---

**From:** Borchardt, Bill  
**Sent:** Sunday, March 13, 2011 10:21 AM  
**To:** 'Derek.Lacey@hse.gsi.gov.uk'  
**Cc:** 'Len.Creswell@hse.gsi.gov.uk'; Virgilio, Martin; Doane, Margaret; HOO Hoc  
**Subject:** Re: Contact point for sharing assessment on Japan position

The best method is to call our ops center (301-816-5100). They will help arrange the call.  
Bill Borchardt  
Via blackberry

---

**From:** [Derek.Lacey@hse.gsi.gov.uk](mailto:Derek.Lacey@hse.gsi.gov.uk) <[Derek.Lacey@hse.gsi.gov.uk](mailto:Derek.Lacey@hse.gsi.gov.uk)>  
**To:** Borchardt, Bill  
**Cc:** [Len.Creswell@hse.gsi.gov.uk](mailto:Len.Creswell@hse.gsi.gov.uk) <[Len.Creswell@hse.gsi.gov.uk](mailto:Len.Creswell@hse.gsi.gov.uk)>  
**Sent:** Sun Mar 13 10:00:03 2011  
**Subject:** RE: Contact point for sharing assessment on Japan position

Bill

Many Thanks

Mike Weightman is trying to get in contact with your Chairman - are you able to provide contact details.

Derek Lacey  
From NII incident centre

---

**From:** Borchardt, Bill [<mailto:Bill.Borchardt@nrc.gov>]  
**Sent:** 13 March 2011 13:57  
**To:** Len Creswell; Leeds, Eric; Doane, Margaret; Virgilio, Martin  
**Cc:** Derek Lacey; Colin Patchett; Kevin Allars; Mike Weightman; HOO Hoc  
**Subject:** Re: Contact point for sharing assessment on Japan position

Len,  
We have staffed our operations center since initiation of the event. We have an international liaison position that will get in touch with you.  
Bill Borchardt  
Via blackberry

---

**From:** [Len.Creswell@hse.gsi.gov.uk](mailto:Len.Creswell@hse.gsi.gov.uk) <[Len.Creswell@hse.gsi.gov.uk](mailto:Len.Creswell@hse.gsi.gov.uk)>  
**To:** Borchardt, Bill; Borchardt, Bill; Leeds, Eric  
**Cc:** [Derek.Lacey@hse.gsi.gov.uk](mailto:Derek.Lacey@hse.gsi.gov.uk) <[Derek.Lacey@hse.gsi.gov.uk](mailto:Derek.Lacey@hse.gsi.gov.uk)>; [Colin.Patchett@hse.gsi.gov.uk](mailto:Colin.Patchett@hse.gsi.gov.uk) <[Colin.Patchett@hse.gsi.gov.uk](mailto:Colin.Patchett@hse.gsi.gov.uk)>; [Kevin.Allars@hse.gsi.gov.uk](mailto:Kevin.Allars@hse.gsi.gov.uk) <[Kevin.Allars@hse.gsi.gov.uk](mailto:Kevin.Allars@hse.gsi.gov.uk)>; [Mike.Weightman@hse.gsi.gov.uk](mailto:Mike.Weightman@hse.gsi.gov.uk) <[Mike.Weightman@hse.gsi.gov.uk](mailto:Mike.Weightman@hse.gsi.gov.uk)>  
**Sent:** Sun Mar 13 09:42:13 2011  
**Subject:** Contact point for sharing assessment on Japan position

Bill & Eric

We here in the UK are tracking and assessing what is happening with the reactors in Japan. I'm sure NRC is doing the same.

We are keen to share and exchange information on our assessments of events in Japan. Have you a contact point we could use?.

Len

Len Creswell  
Nuclear Directorate, Health & Safety Executive  
4N.G Redgrave Court, Merton Road, Bootle, L20 7HS

Tel: 0151 951 3376  
VPN: 523 3376  
e.mail [len.creswell@hse.gsi.gov.uk](mailto:len.creswell@hse.gsi.gov.uk)

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Or contact the HSE Infoline on 0845 345 0055 or email [hse.infoline@natbrit.com](mailto:hse.infoline@natbrit.com)  
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**Doane, Margaret**

---

**From:** LIA02 Hoc  
**Sent:** Sunday, March 13, 2011 10:53 AM  
**To:** Doane, Margaret; Schwartzman, Jennifer; LIA03 Hoc; Smith, Brooke; Virgilio, Martin  
**Cc:** Owens, Janice  
**Subject:** RE: Shift transition

This is what we know now. Ulses emailed that he has a military lift to Yakoto. He will then take a bus to Haneda followed by cab to the embassy. The military asked NRC for either an e-mail (or my travel orders) to ensure that Ulses can get on the plane.

Mike Tschiltz authorized Ulses transport.  
LT Coordinator - Charles Murray at 10:39:50 on 3/13/2011

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

**From:** Doane, Margaret  
**Sent:** Sunday, March 13, 2011 10:50 AM  
**To:** Schwartzman, Jennifer; LIA03 Hoc; Smith, Brooke; Virgilio, Martin  
**Cc:** Owens, Janice; LIA02 Hoc  
**Subject:** Re: Shift transition

Can you please confirm whether Tony has landed in Tokyo and whether he's been picked up. See Jen's note below for how it was supposed to transpire. Chairman is requesting info.  
Margie

Sent from an NRC Blackberry  
Margaret Doane

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

**From:** Schwartzman, Jennifer  
**To:** Doane, Margaret  
**Cc:** Owens, Janice; Smith, Brooke; Abrams, Charlotte; LIA02 Hoc  
**Sent:** Sun Mar 13 08:50:08 2011  
**Subject:** Re: Shift transition

Yes we did - but it also appears he is getting lots of Embassy instructions. As soon as he landed and got to customs, he was instructed to call a woman at MOFA. She then instructed him to speak with a guy at the Embassy. He was supposed to be put in touch with NISA contacts (hopefully ours) upon arrival in Tokyo, and he will have other contacts based on this meeting they have set up for him before he meets with the Ambassador. He was supposed to call into the HOO after that meeting, before the Ambassador meeting.  
Sent from an NRC Blackberry

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

**From:** Doane, Margaret  
**To:** Schwartzman, Jennifer  
**Cc:** Owens, Janice; Smith, Brooke; Abrams, Charlotte; LIA02 Hoc  
**Sent:** Sun Mar 13 08:47:01 2011  
**Subject:** Re: Shift transition

Jen,  
Thanks. Did we give instructions to Tony?  
Margie

Sent from an NRC Blackberry  
Margaret Doane

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

From: Schwartzman, Jennifer

To: Doane, Margaret

Cc: Owens, Janice; Smith, Brooke; Abrams, Charlotte; LIA02 Hoc

Sent: Sun Mar 13 07:54:45 2011

Subject: Shift transition

Margie,

Charlotte and I have just handed things over to Janice and Brooke. Here are some salient points from the end of our shift:

-situation at unit 3 does not appear to have gotten worse -Tony Ulses was being flown to Tokyo to meet with MOFA and NISA officials and then Ambassador Roos. Unclear if he will be asked to remain in Tokyo.

(b)(5)

Hope this helps,

Jen

Sent from an NRC Blackberry

**Doane, Margaret**

---

**From:** Doane, Margaret  
**Sent:** Sunday, March 13, 2011 11:09 AM  
**To:** LIA02 Hoc; Schwartzman, Jennifer; LIA03 Hoc; Smith, Brooke; Virgilio, Martin  
**Cc:** Owens, Janice  
**Subject:** Re: Shift transition

Janice. Marty has more up to date info. They have already contacted the Chairman. Marty sd. Tony's plane is grounded for the night.

Thanks.

Sent from an NRC Blackberry  
Margaret Doane

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

**From:** LIA02 Hoc  
**To:** Doane, Margaret; Schwartzman, Jennifer; LIA03 Hoc; Smith, Brooke; Virgilio, Martin  
**Cc:** Owens, Janice  
**Sent:** Sun Mar 13 11:02:20 2011  
**Subject:** RE: Shift transition

He is en route now from northern Japan and should get there in a couple hours. Jim Trapp is in Tokyo. Brooke will get you details.

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

**From:** Doane, Margaret  
**Sent:** Sunday, March 13, 2011 10:55 AM  
**To:** LIA02 Hoc; Schwartzman, Jennifer; LIA03 Hoc; Smith, Brooke; Virgilio, Martin  
**Cc:** Owens, Janice  
**Subject:** Re: Shift transition

Do we have any time line? When did he e-mail?

Sent from an NRC Blackberry  
Margaret Doane

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

**From:** LIA02 Hoc  
**To:** Doane, Margaret; Schwartzman, Jennifer; LIA03 Hoc; Smith, Brooke; Virgilio, Martin  
**Cc:** Owens, Janice  
**Sent:** Sun Mar 13 10:53:23 2011  
**Subject:** RE: Shift transition

This is what we know now. Ulses emailed that he has a military lift to Yakoto. He will then take a bus to Haneda followed by cab to the embassy. The military asked NRC for either an e-mail (or my travel orders) to ensure that Ulses can get on the plane.

Mike Tschiltz authorized Ulses transport.  
LT Coordinator - Charles Murray at 10:39:50 on 3/13/2011

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

From: Doane, Margaret  
Sent: Sunday, March 13, 2011 10:50 AM  
To: Schwartzman, Jennifer; LIA03 Hoc; Smith, Brooke; Virgilio, Martin  
Cc: Owens, Janice; LIA02 Hoc  
Subject: Re: Shift transition

Can you please confirm whether Tony has landed in Tokyo and whether he's been picked up. See Jen's note below for how it was supposed to transpire. Chairman is requesting info.  
Margie

Sent from an NRC Blackberry  
Margaret Doane

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

From: Schwartzman, Jennifer  
To: Doane, Margaret  
Cc: Owens, Janice; Smith, Brooke; Abrams, Charlotte; LIA02 Hoc  
Sent: Sun Mar 13 08:50:08 2011  
Subject: Re: Shift transition

Yes we did - but it also appears he is getting lots of Embassy instructions. As soon as he landed and got to customs, he was instructed to call a woman at MOFA. She then instructed him to speak with a guy at the Embassy. He was supposed to be put in touch with NISA contacts (hopefully ours) upon arrival in Tokyo, and he will have other contacts based on this meeting they have set up for him before he meets with the Ambassador. He was supposed to call into the HOO after that meeting, before the Ambassador meeting.  
Sent from an NRC Blackberry

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

From: Doane, Margaret  
To: Schwartzman, Jennifer  
Cc: Owens, Janice; Smith, Brooke; Abrams, Charlotte; LIA02 Hoc  
Sent: Sun Mar 13 08:47:01 2011  
Subject: Re: Shift transition

Jen,  
Thanks. Did we give instructions to Tony?  
Margie

Sent from an NRC Blackberry  
Margaret Doane

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

From: Schwartzman, Jennifer  
To: Doane, Margaret  
Cc: Owens, Janice; Smith, Brooke; Abrams, Charlotte; LIA02 Hoc  
Sent: Sun Mar 13 07:54:45 2011  
Subject: Shift transition

Margie,

Charlotte and I have just handed things over to Janice and Brooke. Here are some salient points from the end of our shift:

-situation at unit 3 does not appear to have gotten worse -Tony Ulises was being flown to Tokyo to meet with MOFA and NISA officials and then Ambassador Roos. Unclear if he will be asked to remain in Tokyo.

(b)(5)

Hope this helps,

Jen

Sent from an NRC Blackberry

**Doane, Margaret**

---

**From:** Doane, Margaret  
**Sent:** Sunday, March 13, 2011 11:14 AM  
**To:** Ramsey, Jack  
**Subject:** Growing concern

Here's what Jen sent me earlier this morning.

(b)(5)

(b)(5)

(b)(5)

Sent from an NRC Blackberry  
Margaret Doane

**Doane, Margaret**

---

**From:** LIA03 Hoc  
**Sent:** Sunday, March 13, 2011 11:11 AM  
**To:** Doane, Margaret  
**Subject:** FW: Need Embassy Assistance for Mr. Tony Ulises  
**Importance:** High

Margie –

The latest on Tony and Jim is below.

Brooke

---

**From:** LIA03 Hoc  
**Sent:** Sunday, March 13, 2011 11:09 AM  
**To:** 'CherryRC@state.gov'; 'tokyodao@state.gov'; 'cooperJD@state.gov'  
**Cc:** Ulises, Anthony; LIA02 Hoc; LIA06 Hoc  
**Subject:** Need Embassy Assistance for Mr. Tony Ulises  
**Importance:** High

The purpose of this email is to provide a status update on NRC Technical Experts Jim Trapp and Tony Ulises. We are also requesting Embassy assistance to get Mr. Ulises on a military transport to Yakota.

**Mr. Ulises** is trying to get military transport to Yakota. He needs an email from the embassy to:

(b)(6)

stating that he is on orders to travel to Yakota.

This email needs to include Mr. Ulises full name, job and SSN. (Tony please provide)

This is needed ASAP.

**Mr. Jim Trapp** has checked (b)(6) He is in room S936. He is awaiting further instruction from the USEmb Tokyo. Note: I believe he plans to get a few hours rest.

**Doane, Margaret**

---

**From:** Ramsey, Jack  
**Sent:** Sunday, March 13, 2011 11:23 AM  
**To:** Doane, Margaret  
**Subject:** Fw: Reactor Issue Data Points

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

**From:** Gallagher, Shawn P. <[redacted] (b)(6)>  
**To:** Ramsey, Jack  
**Sent:** Sun Mar 13 11:00:35 2011  
**Subject:** FW: Reactor Issue Data Points

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

**From:** Zerr, Thomas J.  
**Sent:** Sunday, March 13, 2011 10:38 AM  
**To:** Bentz, Julie A.; Gallagher, Shawn P.  
**Cc:** Wormuth, Christine; Zelvin, Lawrence K.; Russel, Daniel R.  
**Subject:** Reactor Issue Data Points

Julie and Shawn-

[Large redacted area containing (b)(5)]

TJ



**Doane, Margaret**

---

**From:** Brenner, Eliot  
**Sent:** Sunday, March 13, 2011 12:52 PM  
**To:** Doane, Margaret  
**Subject:** RE: Thought

Good thought ... I told Matt Wald they were working with other USG partners (read between the lines the US embassy) to provide a depth of nuclear knowledge and be available to the Japanese if asked.

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

**From:** Doane, Margaret  
**Sent:** Sunday, March 13, 2011 12:51 PM  
**To:** Brenner, Eliot  
**Subject:** Thought

(b)(5)

Sent from an NRC Blackberry  
Margaret Doane

**Doane, Margaret**

---

**From:** Doane, Margaret  
**Sent:** Sunday, March 13, 2011 11:26 AM  
**To:** LIA02 Hoc; LIA03 Hoc  
**Subject:** Re: OIP Most Recent Analysis

Brooke I had already sent the info to you.  
Margie

Sent from an NRC Blackberry  
Margaret Doane

----- Original Message -----  
**From:** Doane, Margaret  
**To:** Virgilio, Martin; LIA02 Hoc; LIA03 Hoc  
**Sent:** Sun Mar 13 11:07:54 2011  
**Subject:** Fw: OIP Most Recent Analysis

Here is the guidance.

Sent from an NRC Blackberry  
Margaret Doane

----- Original Message -----  
**From:** Jaczko, Gregory  
**To:** Doane, Margaret  
**Cc:** Borchardt, Bill; Brenner, Eliot  
**Sent:** Sun Mar 13 10:50:40 2011  
**Subject:** RE: OIP Most Recent Analysis

(b)(5)

---

**From:** Doane, Margaret  
**Sent:** Sunday, March 13, 2011 10:46 AM  
**To:** Jaczko, Gregory  
**Cc:** Borchardt, Bill; Brenner, Eliot  
**Subject:** Re: OIP Most Recent Analysis

(b)(5)

Tony is still in transit to Tokyo as of an hour ago. I'll check and confirm.  
Margie

Sent from an NRC Blackberry  
Margaret Doane

----- Original Message -----  
**From:** Jaczko, Gregory

To: Doane, Margaret  
Cc: Borchardt, Bill; Brenner, Eliot  
Sent: Sun Mar 13 10:28:19 2011  
Subject: RE: OIP Most Recent Analysis

thank you margie. can you confirm that tony is in contact with his counterparts?

(b)(5)

eliot please be advised of the points in 1,2,3 \_\_\_\_\_

From: Doane, Margaret  
Sent: Sunday, March 13, 2011 10:20 AM  
To: Jaczko, Gregory  
Cc: Borchardt, Bill  
Subject: OIP Most Recent Analysis

(b)(5)

Call if you'd like to discuss. I'm at home. (b)(6)

Sent from an NRC Blackberry  
Margaret Doane

**Doane, Margaret**

---

**From:** ANS.HOC@nrc.gov  
**Sent:** Sunday, March 13, 2011 2:07 PM  
**Subject:** ACTION: Commissioner's Assistant Briefing Notification

This is the Headquarters Operations Officer. There will be a Commissioner's Assistant Briefing given by headquarters at 15:30 Eastern Daylight Time concerning the Japanese reactor event. Call [redacted] (b)(6) approximately 5 minutes before the scheduled start time. When prompted, enter the security code [redacted] (b)(6) followed by the pound sign.

**Doane, Margaret**

---

**From:** Schwartzman, Jennifer  
**Sent:** Sunday, March 13, 2011 4:17 PM  
**To:** Doane, Margaret  
**Subject:** Re: OIP Most Recent Analysis

That was a GREAT note. I'm glad he gave it due consideration.  
Sent from an NRC Blackberry

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

**From:** Doane, Margaret  
**To:** Foggie, Kirk; Abrams, Charlotte; Schwartzman, Jennifer  
**Cc:** Mamish, Nader; Ramsey, Jack  
**Sent:** Sun Mar 13 13:11:38 2011  
**Subject:** Fw: OIP Most Recent Analysis

Kirk and others,

Thanks for your efforts last night. I wanted to let you know that I took all of your concerns with the developments last night very seriously and put together the attached note this morning.

(b)(5)

(b)(5)

You guys are great.  
Margie

Sent from an NRC Blackberry  
Margaret Doane

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

**From:** Doane, Margaret  
**To:** Jaczko, Gregory  
**Cc:** Borchardt, Bill  
**Sent:** Sun Mar 13 10:20:11 2011  
**Subject:** OIP Most Recent Analysis

(b)(5)

(b)(5)

Call if you'd like to discuss. I'm at home. (b)(6)

Sent from an NRC Blackberry  
Margaret Doane

**Doane, Margaret**

---

**From:** Doane, Margaret  
**Sent:** Sunday, March 13, 2011 4:35 PM  
**To:** Foggie, Kirk; Henderson, Karen  
**Subject:** Fw: OIP Most Recent Analysis

**Importance:** High

Please forward to Karen. Karen call with yours and Jack's recommendation.  
Margie

Sent from an NRC Blackberry  
Margaret Doane

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

**From:** Ramsey, Jack  
**To:** Doane, Margaret  
**Cc:** Weber, Michael; Mamish, Nader; Virgilio, Martin; Borchardt, Bill  
**Sent:** Sun Mar 13 09:54:45 2011  
**Subject:** RE: OIP Most Recent Analysis

Margie,

(b)(5)

(b)(5)

Jack

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

**From:** Doane, Margaret  
**Sent:** Sunday, March 13, 2011 9:16 AM  
**To:** Borchardt, Bill  
**Cc:** Weber, Michael; Mamish, Nader; Virgilio, Martin; Ramsey, Jack  
**Subject:** OIP Most Recent Analysis  
**Importance:** High

I want to get this to the Chairman ASAP. Please get me your views. Feel free to share.

\*\*\*\*\*

(b)(5)

Call if you'd like to discuss. I'm at home

(b)(6)

Sent from an NRC Blackberry  
Margaret Doane



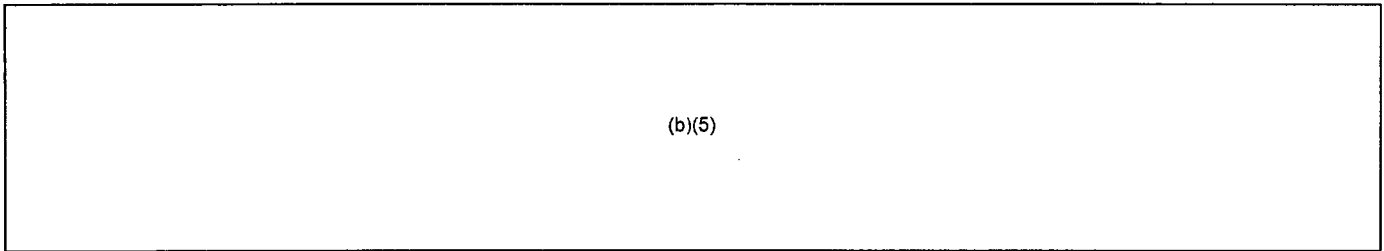
**Doane, Margaret**

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**From:** LIA03 Hoc  
**Sent:** Sunday, March 13, 2011 5:58 PM  
**To:** Doane, Margaret  
**Cc:** Mamish, Nader; Foggie, Kirk; McGinty, Tim; Ramsey, Jack  
**Subject:** Information

Margie,

I understand you wanted to see the message that we would send to Jim and Tony at the Embassy.



Let us know ASAP if you agree with this message. The Liaison Team leader is aware of this message to you, and our intent to send it to Jim and Tony.

Cheers,

Karen

**Doane, Margaret**

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**From:** Pace, Patti  
**Sent:** Sunday, March 13, 2011 6:58 PM  
**To:** Doane, Margaret  
**Cc:** Kreuter, Jane; Armstrong, Janine; Warren, Roberta; Pearson, Laura; Coggins, Angela  
**Subject:** Cancel Periodic Tomorrow

Hi Margie,

With everything going on, the Chairman has asked me to clear as much of his schedule as possible for tomorrow. We will need to reschedule your periodic currently set for tomorrow at 3:30p. I will be back in touch with your office to reschedule.

Thanks!

pgp

Patti Pace  
Assistant to Chairman Gregory B. Jaczko  
U.S. Nuclear Regulatory Commission  
301-415-1820 (office)  
301-415-3504 (fax)

**Doane, Margaret**

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**From:** Doane, Margaret  
**Sent:** Sunday, March 13, 2011 7:10 PM  
**To:** Ramsey, Jack; Foggie, Kirk; LIA02 Hoc  
**Subject:** Talking Points from Jack

Is this what you want to convey:

(b)(5)

Sent from an NRC Blackberry  
Margaret Doane

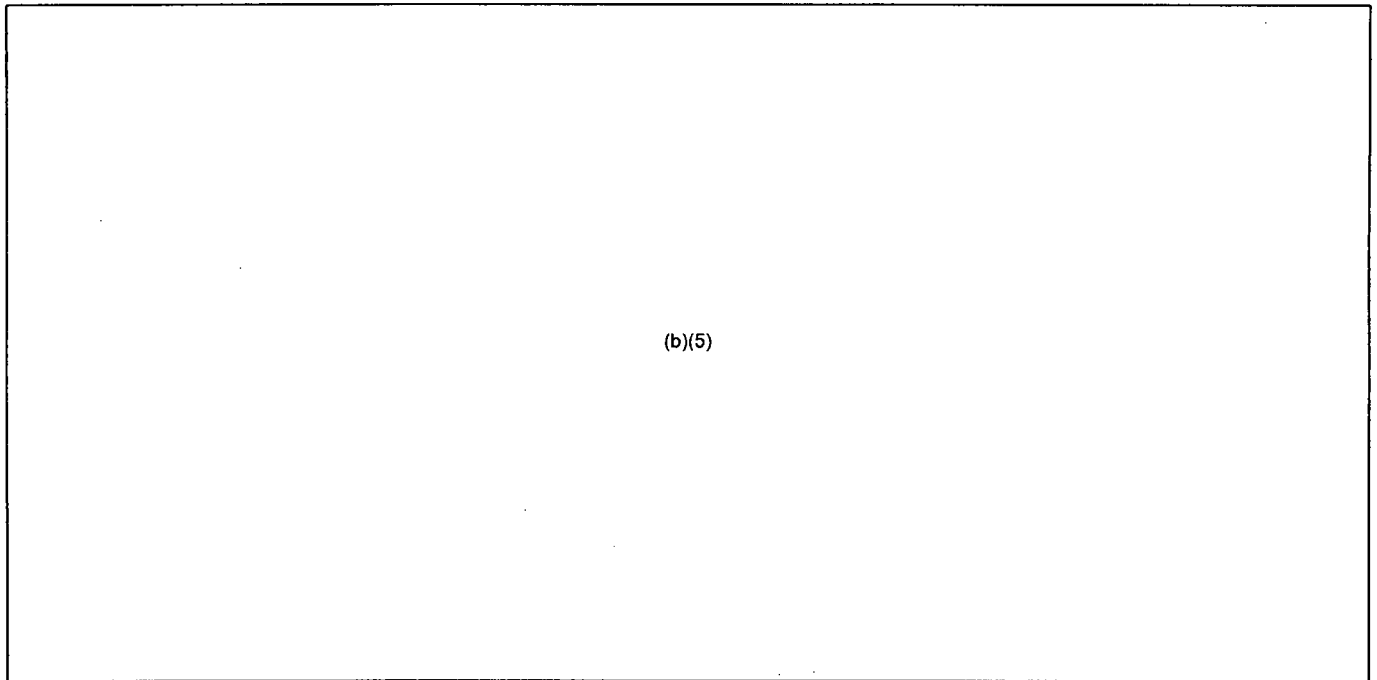
**Doane, Margaret**

---

**From:** LIA03 Hoc  
**Sent:** Sunday, March 13, 2011 8:28 PM  
**To:** Trapp, James; Ulses, Anthony; james.trapp@vzw.blackberry.net  
**Cc:** Foggie, Kirk; Ramsey, Jack; McGinty, Tim; Doane, Margaret; Mamish, Nader; Fragoyannis, Nancy; Stahl, Eric  
**Subject:** Further guidance on interacting with your counterparts

Jim and Tony,

We would like to provide you with additional guidance concerning interacting with your counterparts on the document that we forwarded to you.



Let us know if you have any questions about this guidance.

Tim, Karen and Kirk

P.S. The next OIP team will be Nancy Fragoyannis and Eric Stahl – starting at 11 p.m. EST.

**Doane, Margaret**

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**From:** ANS.HOC@nrc.gov  
**Sent:** Sunday, March 13, 2011 9:01 PM  
**To:** Doane, Margaret  
**Subject:** ACTION: Commissioner's Assistant Briefing Notification

This is the Headquarters Operations Officer. There will be a Commissioner's Assistant Briefing given by headquarters at 23:30 Eastern Daylight Time concerning the Japanese reactor events. Call (b)(6) approximately 5 minutes before the scheduled start time. When prompted, enter the security code (b)(6). You may call 301-816-5164 at this time and follow the voice prompts if you do not wish to receive this notification from our Automatic Notification System.

## Doane, Margaret

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**From:** LIA03 Hoc  
**Sent:** Sunday, March 13, 2011 10:12 PM  
**To:** Doane, Margaret; Mamish, Nader; Ramsey, Jack  
**Cc:** Fragoyannis, Nancy; Stahl, Eric; Foggie, Kirk  
**Subject:** RE: Request for OIP staffing for Ops Center through March 18

Margie,

An update: I just got off the DOS-led interagency task force teleconference. The issue of the postponement of the 8:30 a.m. meeting with NISA was addressed. The US Embassy person on the call said that the NISA individual postponed the call because he was summoned to the Prime Minister's office. The meeting with NISA is to be rescheduled as soon as possible – there was no indication that this postponement was "indefinite."

Second piece of news: the U.S. Ambassador in Japan will be holding a press conference, and will have (one of) the NRC folks with him to help him answer the nuclear questions. The Ambassador will field the search and rescue, humanitarian relief, American citizens in Japan sorts of questions. Bill Borchardt was on the teleconference, and Josh B. sat in the last 1/3<sup>rd</sup> of the 50 minute call, including hearing about the Embassy's intent to use one of our folks to help out with the press conference. Bill and Josh discussed which of the two should be asked to do that; Bill said that either Jim or Tony could do it. It was unclear to me as I exited which would be requested to do it.

Cheers,

Karen

**From:** Doane, Margaret  
**Sent:** Sunday, March 13, 2011 9:06 PM  
**To:** Mamish, Nader; LIA03 Hoc; Ramsey, Jack  
**Subject:** Re: Request for OIP staffing for Ops Center through March 18

Nader

Borchardt is saying that we only need coverage by one person. So keep that in mind. Things are quiet.

NISA postponed the meeting with NRC "indefinitely." So no need to worry about that.

Not sure what's going to happen to the guys that are over there. I guess they'll stay and help at the embassy. But I wouldn't keep two.

I guess that decision will be made in the morning.

Margie

Sent from an NRC Blackberry  
Margaret Doane

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**From:** Mamish, Nader  
**To:** LIA03 Hoc; Doane, Margaret  
**Sent:** Sun Mar 13 19:55:05 2011  
**Subject:** RE: Request for OIP staffing for Ops Center through March 18

Thanks, Karen. I'm happy to relieve Nancy at 7:00 am tomorrow. Margie and I will sort through coverage the rest of the week. Could you please send out to the staff to solicit volunteers for the rest of the week (i.e., Eric, Danielle, Brooke, Kirk, others)?

---

**From:** LIA03 Hoc  
**Sent:** Sunday, March 13, 2011 7:39 PM  
**To:** Doane, Margaret; Mamish, Nader  
**Subject:** Request for OIP staffing for Ops Center through March 18

Margie and Nader,

The Ops Center just approached us to fill out the roster for staffing at the center through March 18 – see below for who is scheduled when so far:

**MONDAY March 14, 2011**

**Mgmt/SL & Staff**

7:00a-3:00p - Nader & Brooke  
3:00p-11:00p ? & Kirk  
11:00p-7:00a Margie & ?

**TUESDAY March 15, 2011**

**Mgmt/SL & Staff**

7:00a-3:00p ? & ?  
3:00p-11:00p - ? & Eric

**Wednesday March 16, 2011**

**Mgmt/SL & Staff**

7:00a-3:00p – ? & ?  
3:00p-11:00p – ? & ?  
11:00p-7:00a – ? & ?

**Thursday March 17, 2011**

**Mgmt/SL & Staff**

7:00a-3:00p – ? & ?  
3:00p-11:00p – ? & ?  
11:00p-7:00a – ? & ?

**Friday March 18, 2011**

**Mgmt/SL & Staff**

7:00a-3:00p – ? & ?  
3:00p-11:00p – ? & ?  
11:00p-7:00a – ? & ?

Cheers,

Karen

**Doane, Margaret**

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**From:** tomita-kazuhide@jnes.go.jp  
**Sent:** Monday, March 14, 2011 12:58 AM  
**To:** tomita-kazuhide@jnes.go.jp  
**Subject:** Seismic Damage Information News Release in English

**Importance:** High

Dear All

Please find the NISA News Release in English from the NISA HP web as shown below.

<http://www.nisa.meti.go.jp/english/index.html>

This is the best way you could obtain the quick official release on the Seismic Damage Information from Japan.

Sincerely Yours,

Kazuhide TOMITA (Mr.)  
Assistant Director-General  
Office of International Programs  
Japan Nuclear Energy Safety Organization (JNES) 3-17-1, Toranomon, Minato-ku, Tokyo, 105-0001, JAPAN  
Tel: +81-3-4511-1910  
Fax: +81-3-4511-1998  
E-mail: tomita-kazuhide@jnes.go.jp



## Doane, Margaret

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**From:** LIA02 Hoc  
**Sent:** Monday, March 14, 2011 6:32 AM  
**To:** Doane, Margaret  
**Cc:** Abrams, Charlotte; Smith, Brooke; Mamish, Nader; Fragoyannis, Nancy; Stahl, Eric; Schwartzman, Jennifer; Foggie, Kirk; Ramsey, Jack; Henderson, Karen; LIA06 Hoc; LIA03 Hoc  
**Subject:** International Team - Turnover Items at 7am

Margie et al –

The latest from the international liaisons (Nancy and Eric; 11pm-7am shift) and items for the team coming in at 7am:

- 1. NRC Assistance to Japan.** At 6:00AM (Washington time), Jim Trapp notified the NRC Executive Team that the Government of Japan has requested U.S. Government assistance with cooling the reactor. NRC International Liaisons are engaged with DOS about coordinating this assistance. A conference call is currently being arranged by DOS (Priya Shete, 202-647-6611) to discuss coordinated efforts (helicopters, water transportation, pumps, heavy equipment, etc.). In addition, Government of Japan has asked for NRC experts to be embedded at the 'Japanese Ops Center.' Lastly, the U.S. Ambassador wants additional NRC staff to assist Embassy-Tokyo. Currently, amount of staff and specific persons to be determined.
- 2. 8:30AM teleconference with UK HSE.** Call was requested by NRC based on request from DOS for NRC to reach back out to HSE prior to Secretary Clinton's 14 March meeting with UK Foreign Minister. Call has been confirmed with HSE. An NRC Reactor Expert, Dose Expert and International Liaison should all be on the call. DOS has been notified of the call. NRC should follow-up with DOS (Priya Shete or replacement at 202-647-6611) concerning the call's outcome. NRC International liaison will initiate call to 44 151 951 4976 (or alternate 44 151 951 4149). POC for email exchange at UK HSE has been Sandra Little (email address: [Charles.Temple@hse.gsi.gov.uk](mailto:Charles.Temple@hse.gsi.gov.uk)).
- 3. 10:00AM Japan Earthquake Task Force Interagency Conference Call.** Agenda for 10:00AM call will be provided via email. International liaison should plan on participating on call. Nancy, Nate and Chris Miller participated in 03:00AM call.
- 4. 10:00AM Call with Canada.** Last call was held at 10:00PM (Washington time). Mark Shaffer said that the Canadian Mission is interested in engaging with the NRC as well.
- 5. Status of Jim Trapp and Tony Ulses.** Both Jim and Tony are in Tokyo working with U.S. Embassy staff. Jim participated in Ambassador Roos's press conference and was available to answer technical questions at approximately 03:00AM Washington-time. Report of press briefing/video will be provided.
- 6. Status of Japanese nuclear plants.** The latest information on Japan's nuclear plant, including Jim Trapp's updates, are located in the log. The following info, current as of 02:30AM, was provided to Mark Shaffer. "It appears that Fukushima-Daiichi has lost the "capability to cool." On Units 1 and 3 this is because of an inability to refill the cooling water ponds they were taking a suction on to inject seawater into the reactor vessel and primary containment. For Unit 2, it appears that they have lost the ability for RCIC to operate. All three units have been in this state for the past 12 hours. Currently, all cores remain covered. The level of Unit 2 is trending in a downward direction at this time.
- 7. International Team coverage.** Please continue populating the international liaison team coverage document. It is saved on the LIA02 desktop. We currently have coverage through Monday afternoon.

Eric & Nancy

**Doane, Margaret**

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**From:** Shaffer, Mark R [ShafferMr@state.gov]  
**Sent:** Monday, March 14, 2011 8:02 AM  
**To:** LIA02 Hoc  
**Cc:** Schwartzman, Jennifer; Doane, Margaret  
**Subject:** RE: Japanese Statement on Nuclear Stability

~~SENSITIVE UNCLASSIFIED INFORMATION - PLEASE PROTECT WITHIN THE USG.~~

(b)(5)

-Mark.

~~SENSITIVE UNCLASSIFIED INFORMATION - PLEASE PROTECT WITHIN THE USG.~~

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**From:** Hinton, Anthony -VPERM -GR  
**Sent:** March 14, 2011 12:11 PM  
**Subject:** RHEG0109//JPN Earthquake/Nuclear situ from Vienna as of 14MAR 12:00 CET / 07:00 EDT  
**Importance:** High

~~PROTECTED~~

--SUMMARY-- Units 1-3 at the Fukushima Daiichi nuclear power plant in Japan are still in a very serious emergency situation. Unit 3 suffered a hydrogen explosion at 02:00 UTC/GMT (11:00 JST) of type suffered by unit 1 on 12MAR. Damage to unit 3 secondary containment in reactor building was worse than for unit 1, although the primary containment vessel and reactor are still intact. Indeed, Japanese authorities continue to struggle in cooling the reactor fuel at all three units and there is potential for situation to get worse. Fuel rods are still not entirely covered by coolant in both unit 1 and unit 3, with no information on state of unit 2 in this regard. A hydrogen explosion of the type seen at both unit 1 and unit 3 reactor buildings is possible for unit 2. Additional venting of radioactive steam from all three units will be necessary to maintain pressure within the primary containment vessels to within design limits. There is still no off-site power supply nor diesel generator power for the Fukushima Daiichi site, with control by portable generators and battery banks and cooling with sea water by fire truck pumping. Winds continue to come from south-west and blow any radioactive gases north-east and out to sea.

2. Situation at Fukushima Daiichi units 4-6 (in maintenance outages at time of 11MAR earthquake/tsunami) and Fukushima Daiini 1-4 (shut down automatically due to earthquake on 11MAR but with cooling and power available) are more stable. Coolant levels in reactor cores are stable and there have been no leakages of coolant into the primary containment vessels at any of these units. Situation at Onagawa units 1-3 is also stable at this time, notwithstanding earlier reports of slightly elevated radiation readings at site on 13MAR -- presumed to have resulted from venting of slightly radioactive steam from Fukushima Daiichi units.

3. -- REPORT -- VPERM met again today with key IAEA Secretariat contacts in the Agency's Incident and Emergency Centre (IEC) as well as attended a short briefing by Japanese PermRep Amb Nakane this morning, 10:00 CET (05:00 EDT) on 14MAR. Nakane's sitrep statement is attached, though it contains little if any new information. IAEA officials and our contacts at US mission have been more helpful, though are quite concerned about seriousness of overall nuclear situation at Fukushima Daiichi nuclear power plant units 1-3,

where the situation is still not/not stable. Agency has access to high-quality satellite imagery of site and US Nuclear Regulatory Commission (NRC) officials are in Tokyo liaising in real-time with their Jpnse regulatory counterparts. US-NRC is deemed to have most up-to-date info outside of Jpn and VPERM understands that CNSC is due to conduct a conference call with US-NRC at 10:00 EDT today. Other reactor units at Fukushima Daiichi (ie. 4-6) as well as all at Fukushima Daiini and Onagawa nuclear power plants are deemed to be stable, cooled/cooling and controllable at this time.

4. IAEA has asked Jpnse officials for answers to many technical questions, including latest at 09:00 CET today. Information from Jpn has been slow in reaching Agency and latest official IAEA info in its press releases and EMERCON msgs to CNSC and HC may be significantly stale.

5. Fukushima Daiichi Unit 1:

- primary containment vessel has reached and slightly exceeded its design pressure, necessitating periodic venting/release of radioactive steam
- coolant still below/below top of core, with possible fuel melting and ongoing production of hydrogen (now expected to vent directly to atmosphere so no risk of another hydrogen explosion at this time)
- spent fuel pool situation and cooling of spent fuel unknown -- pool located at top of reactor building in secondary containment which exploded on 12MAR.
- main control room habitability unknown by Agency at this time (in question after explosion of 12MAR); no/no secondary/back-up control room in this reactor
- cooling of steel primary containment vessel by use of sea water (and boric acid to neutralize any nuclear reactions) is ongoing though efficacy in question

6. Fukushima Daiichi Unit 2:

- primary containment vessel has reached and slightly exceeded its design pressure, necessitating periodic venting/release of radioactive steam
- cooling to unit 2 by pumping of sea water (and boric acid to neutralize nuclear reactions) into steel primary containment vessel
- coolant level in core unknown
- significant risk of hydrogen explosion in secondary containment as at units 1 and 3

7. Fukushima Daiichi Unit 3:

- primary containment vessel has reached and slightly exceeded its design pressure, necessitating periodic venting/release of radioactive steam; reports of malfunctioning valve may complicate matters
- major hydrogen explosion in secondary containment structure at 11:00 JST on 14MAR; forces appear worse than similar explosion at unit 1 on 12MAR
- spent fuel pool situation and cooling of spent fuel unknown -- pool located at top of reactor building in secondary containment which exploded on 14MAR
- coolant still below/below top of core, with possible fuel melting and ongoing production of hydrogen (now expected to vent directly to atmosphere so no risk of another hydrogen explosion at this time)
- main control room still in use
- cooling of steel primary containment vessel by use of sea water (and boric acid to neutralize any nuclear reactions) is ongoing though efficacy in question

8. VPERM will attend IAEA technical briefing on situ at 16:00 CET (11:00 EDT) and press conference at 17:30 CET (12:30 EDT) on this issue and report. We are standing by and will join DFAIT Task Force telecon at 08:30 EDT today.

This email is UNCLASSIFIED

**Doane, Margaret**

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**From:** Shaffer, Mark R [ShafferMr@state.gov]  
**Sent:** Monday, March 14, 2011 10:32 AM  
**To:** Borchardt, Bill; Virgilio, Martin; Weber, Michael; Doane, Margaret  
**Subject:** Jim Lyons' Début

I am on my way over to the IAEA's Technical Briefing on the Japan disaster, which will then be followed by an IAEA press conference on the subject. There are media trucks and reporters everywhere

(b)(5)

(b)(5)

This will also be Jim Lyons' introduction to the world (literally) as the new IAEA Director of Nuclear Installation Safety. He will be fielding the technical questions and explaining the situation in "plain language" for reporters. That's why it was so important that the U.S. put the right person in that job, and we all know that Jim is the right guy.

-Mark

---

Mark R. Shaffer • Nuclear Safety Attaché • United States Mission to International Organizations in Vienna  
Wagramerstraße 17-19, 1220 Vienna | +43-1-31339-4745 | [ShafferMr@state.gov](mailto:ShafferMr@state.gov)

This email is UNCLASSIFIED.

**Doane, Margaret**

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**From:** Fragoyannis, Nancy  
**Sent:** Monday, March 14, 2011 11:58 AM  
**To:** Doane, Margaret; Mamish, Nader; Foggie, Kirk; Smith, Brooke  
**Subject:** Fw: Japan

Fyi interpreter in Japan.

Nancy Fragoyannis  
Sent from NRC Blackberry

(b)(6)

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

**From:** Hill, Janette <[Janette.Hill@nnsa.doe.gov](mailto:Janette.Hill@nnsa.doe.gov)>  
**To:** Fragoyannis, Nancy  
**Sent:** Mon Mar 14 11:55:02 2011  
**Subject:** Japan

Hi Nancy, hope you are doing well. One of the interpreters we used in Japan late January/early February was wondering if we needing interpretation help. He thought maybe NRC would be going over to Japan.

I have no idea if this is the case or if you have need of interpreters. If you do, please note that Shin (in email correspondence below) was excellent. (Marshall Kohen was part of the team.) He was hired for us through SNL, and actually lives in Japan. If someone in NRC does have need, feel free to contact him directly. I only mention this because with things being so chaotic right now, it might prove useful just to have his name/contact info handy.

Janette

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

**From:** seki shinsuke [mailto:[\(b\)\(6\)](mailto:(b)(6))]  
**Sent:** Monday, March 14, 2011 11:50 AM  
**To:** Hill, Janette  
**Subject:** RE: from Shin in Japan

Dear Ms Hill,

Thanks for your concern.

I did hear a rumor that Nuclear Regulatory Commission (NRC) might be sending some experts over.

Regards,

Shin

> **From:** [Janette.Hill@nnsa.doe.gov](mailto:Janette.Hill@nnsa.doe.gov)  
> **To:** (b)(6)  
> **Date:** Mon, 14 Mar 2011 11:34:32 -0400  
> **Subject:** RE: from Shin in Japan  
>

> Hi Shin, I am so sorry for the tragic events that have happened to Japan. We are all watching, and are worried for Japan. We do not have any plans to send over people at this point. I would imagine that this would happen at fairly high levels, but nothing coming out of our office. I will let you know if this changes.

>  
> Please stay safe!

> Janette

> -----Original Message-----

> From: seki shinsuke [mailto:(b)(6)]

> Sent: Monday, March 14, 2011 9:52 AM

> To: Hill, Janette

> Subject: RE: from Shin in Japan

> Hello Ms Hill,

> This is Shin, your interpreter in Japan lasy month.

> It is rather chaotic right now in Japan, to say the least.

> I was wondering if y ou are sending some people to Japan in light of major issues at the reactor here.

> Best Regards,

> Shinsuke Seki

> \_\_\_\_\_  
> From: Janette.Hill@nnsa.doe.gov

> To: (b)(6)

> Date: Tue, 8 Feb 2011 09:44:14 -0500

> Subject: RE: Greeting from Shin

> Hi Shin, It would be a pleasure to speak to RIC about your performance - you were excellent! Thanks so much for your support last week. Janette

> From: seki shinsuke [mailto:(b)(6)]

> Sent: Tuesday, February 08, 2011 2:13 AM

> To: Hill, Janette

> Subject: Greeting from Shin

> Dear Ms Janette Hill,

---

> I hope you find yourself safe and sound back home in the US, maybe chilling out a bit after a hectic week in Japan .

>

>

>

> It was an honor to work with you last week.

>

> For me, it was also very impressive to see how well your delegation was coordinated under your leadership.

>

> I look forward to working for you again someday down the road.

>

>

>

> I know you are a busy lady but would it be OK if RIC, my agent in Boston, contacted you about my performance during your visit to Japan?

>

>

>

> Thank you again for a great week.

>

> Yours Truly,

>

>

>

>

>

> Shinsuke(Shin) Seki

>

## Doane, Margaret

---

**From:** Borchardt, Bill  
**Sent:** Monday, March 14, 2011 12:09 PM  
**To:** Schmocker Ulrich  
**Cc:** Straub Markus; Doane, Margaret; Mamish, Nader  
**Subject:** RE: Accident in Japan

Unfortunately, we have found it very difficult to get reliable and specific information on the event also. We have our operations center staffed 24/7. I suggest that you call 301-816-5100 and ask to speak to the international liaison. Our liaison will provide all the info we can.

Best Regards,  
Bill

---

**From:** Schmocker Ulrich [<mailto:Ulrich.Schmocker@ensi.ch>]  
**Sent:** Monday, March 14, 2011 10:56 AM  
**To:** Borchardt, Bill  
**Cc:** Straub Markus  
**Subject:** Accident in Japan

Dear Bill

Sorry to disturb you. We at ENSI are completely busy to inform the public, the politicians and the media about the accidents happened in Japan. Our problem is that the information we receive from Japan are only the official ones given by the government and some information from the licensee's web-side. Based on this information it is very difficult to come up with a consistent picture about the accident scenario. We assume that NRC may have additional information channels and may have a better and more consistent picture about the accident in Japan. Would it be possible to receive from NRC some additional information for our own use? Could you give us a contact point at NRC which we can contact by mail or phone? Of course we would forward to NRC any information we received but I believe that all we know you know even better. Thank you very much for your help.

Best regards  
Ueli and Georg (Schwarz)

Dr. Ulrich Schmocker  
Swiss Federal Nuclear Safety Inspectorate (ENSI)  
Industriestrasse 19  
CH-5200 Brugg

[Ulrich.Schmocker@ensi.ch](mailto:Ulrich.Schmocker@ensi.ch)  
[www.ensi.ch](http://www.ensi.ch)  
Tel. +41 56 460 86 64

My new e-mail address from April 1, 2011 is:  
[JU.Schmocker@bluewin.ch](mailto:JU.Schmocker@bluewin.ch)



**Doane, Margaret**

---

**From:** ANS.HOC@nrc.gov  
**Sent:** Monday, March 14, 2011 2:06 PM  
**To:** Doane, Margaret  
**Subject:** ACTION: Commissioners Assistants Briefing Notification

This is the Headquarters Operations Officer. There will be a Commissioners Assistants Briefing given by headquarters at 15:30 Eastern Daylight Time concerning the Japanese reactor event. Call (b)(6) approximately 5 minutes before the scheduled start time. When prompted, enter the security code (b)(6) You may call 301-816-5164 at this time and follow the voice prompts if you do not wish to receive this notification from our Automatic Notification System.

**Doane, Margaret**

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**From:** Holahan, Vincent  
**Sent:** Monday, March 14, 2011 1:22 PM  
**To:** Doane, Margaret; Moore, Scott; Smith, Brooke; Emche, Danielle  
**Cc:** Foster, Jack; Lewis, Robert  
**Subject:** RE: Health Physics Terms/Info  
**Attachments:** General Health Physics and Radiation Safety.docx

Sorry for the delay. Please find attached a two page document that may fit your requirement.

Cheers,  
Vince

---

**From:** Doane, Margaret  
**Sent:** Monday, March 14, 2011 1:19 PM  
**To:** Moore, Scott; Smith, Brooke; Emche, Danielle  
**Cc:** Holahan, Vincent; Foster, Jack; Lewis, Robert  
**Subject:** RE: Health Physics Terms/Info

Fabulous!

---

**From:** Moore, Scott  
**Sent:** Monday, March 14, 2011 1:16 PM  
**To:** Doane, Margaret; Smith, Brooke; Emche, Danielle  
**Cc:** Holahan, Vincent; Foster, Jack; Lewis, Robert  
**Subject:** Health Physics Terms/Info

Margie:

Vince Holahan and Jack Foster put together something for Brooke on general HP info, and will be transmitting it to Danielle within the next 10-15 minutes.

Also, Jack Foster (FSME Branch Chief, rad health background) is going on the flight tonight. If Brooke has any questions related to health physics/radiological safety terminology, she should have plenty of time to discuss with him.

Scott  
x7875

## General Health Physics and Radiation Safety

[Note: The United States Nuclear Regulatory Commission has considerable information contained on its' public website that describes Radiation Protections

See: <http://www.nrc.gov/>]

Boiling Water reactors: The describing of a boiling water reactor (BWR) and an animated diagram of the elements of the BWR can be found at <http://www.nrc.gov/reactors/bwrs.html>

### Radiation and its health effects:

Radiation is naturally present in our environment, as it has been since before the birth of this planet. The various forms of radiation can be either beneficial or harmful, depending on their use and control. For that reason, regulation of certain radioactive sources is necessary to ensure that people and the environment are protected from unnecessary or excessive exposures. An introduction into this topic can be found at : <http://www.nrc.gov/about-nrc/radiation/rad-health-effects.html>

### Radiation Basics:

Radiation is given off by matter in the form of rays or high-speed particles. Some of these different types of radiation are produced through a process called nuclear fissions. The types of radiation produced and their physical properties, interactions with matter, and decay to a stable state is described at: <http://www.nrc.gov/about-nrc/radiation/health-effects/radiation-basics.html>

### Detection of Radiation:

Radiation is not detected by the physical senses. It cannot be seen, heard, smelled, tasted, or felt. For these reasons, simple visual inspection is insufficient to identify radioactive materials, and radiation sources can be virtually impossible to recognize without special markings. To address these problems, scientists have developed the four major types of instruments to detect and identify radioactive materials and ionizing radiation. These include personal radiation detectors, handheld survey meters, radiation isotope identification devices, and radiation portal monitors. A complete description of these devices can be found at: <http://www.nrc.gov/about-nrc/radiation/health-effects/detection-radiation.html>

### Measuring Radiation:

There are four different, but interrelated units for measuring radioactivity, exposure, absorbed dose, and dose equivalent. These units include radioactivity (the amount of radiation released), exposure (the amount of radiation travelling through air), absorbed dose (the amount of energy absorbed by an object or person), and dose equivalent or effective dose (a combined description of the dose absorbed and its medical effect). A complete description of these devices can be found at: <http://www.nrc.gov/about-nrc/radiation/health-effects/measuring-radiation.html>

#### Radiation Exposure and Cancer:

The associations between radiation exposure and cancer are mostly based on populations exposed to relatively high levels of ionizing radiation. Cancers associated with high dose exposure include leukemia, breast, bladder, colon, liver, lung, esophagus, ovarian, multiple myeloma, and stomach cancers. Those cancers that may develop as a result of radiation exposure are indistinguishable from those that occur naturally or as a result of exposure to other chemical carcinogens. Although radiation may cause cancer at high doses and high dose rates, public health data do not absolutely establish the occurrence of cancer following exposure to low doses and dose rates — below about 10,000 mrem (100 mSv). Studies of occupational workers who are chronically exposed to low levels of radiation above normal background have shown no adverse biological effects. Even so, the radiation protection community conservatively assumes that any amount of radiation may pose some risk for causing cancer and hereditary effect, and that the risk is higher for higher radiation exposures. For additional information see:

<http://www.nrc.gov/about-nrc/radiation/health-effects/rad-exposure-cancer.html>

#### Additional Information:

A fact sheet describing the biological effects of radiation can be found at:

<http://www.nrc.gov/reading-rm/doc-collections/fact-sheets/bio-effects-radiation.pdf#view=FIT>

A fact sheet on environmental monitoring can be found at: <http://www.nrc.gov/reading-rm/doc-collections/fact-sheets/env-monitoring.pdf#view=FIT>

Instructions concerning risks from occupational radiation exposure and frequently asked questions and answers can be found at:

[http://adamswebsearch2.nrc.gov/idmws/DocContent.dll?library=PU\\_ADAMS^pbntad01&LogonID=93fd7fbfbfa688af40e7a055e377c50&id=003956628](http://adamswebsearch2.nrc.gov/idmws/DocContent.dll?library=PU_ADAMS^pbntad01&LogonID=93fd7fbfbfa688af40e7a055e377c50&id=003956628)

**Doane, Margaret**

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**From:** Williams, Shawn  
**Sent:** Monday, March 14, 2011 2:10 PM  
**To:** Williams, Shawn; Fragoyannis, Nancy; Schwartzman, Jennifer; Doane, Margaret; Virgilio, Martin; Brach, Bill; Layton, Michael; Mamish, Nader  
**Cc:** Andersen, James  
**Subject:** Other options .... RE: Urgent: Please respond. FW: ACTION: Clear/Comment on Draft Task Force cable by noon tomorrow (3/11)

In the interest of brainstorming multiple options, I provide the below additional options for thought:

(b)(5)

Shawn

---

**From:** Williams, Shawn  
**Sent:** Monday, March 14, 2011 1:00 PM  
**To:** Fragoyannis, Nancy; Schwartzman, Jennifer; Doane, Margaret; Virgilio, Martin; Brach, Bill; Layton, Michael  
**Cc:** Shaffer, Mark R; Andersen, James; Muessle, Mary  
**Subject:** Urgent: Please respond. FW: ACTION: Clear/Comment on Draft Task Force cable by noon tomorrow (3/11)  
**Importance:** High

All,  
Marty just informed me that Bill Borchardt has asked him to cancel his trip to Vienna to attend the Joint Task Force meeting.

(b)(5)

(b)(5)

What do you think about this strategy? Any alternative strategies?

---

**From:** Goorevich, Richard [mailto:Richard.Goorevich@nnsa.doe.gov]

**Sent:** Monday, March 14, 2011 11:39 AM

**To:** [redacted] (b)(6);

[redacted]  
(b)(6)

**Cc:** Mamish, Nader; Virgilio, Martin; Brach, Bill; Floyd, Daphene

**Subject:** RE: ACTION: Clear/Comment on Draft Task Force cable by noon tomorrow (3/11)

Nancy:

[redacted]  
(b)(5)

Rich

---

**From:** Fragoyannis, Nancy [mailto:Nancy.Fragoyannis@nrc.gov]

**Sent:** Friday, March 11, 2011 5:13 PM

**To:** [redacted] (b)(6)

[redacted]  
(b)(6)

**Cc:** Mamish, Nader; Virgilio, Martin; Brach, Bill; Floyd, Daphene  
**Subject:** RE: ACTION: Clear/Comment on Draft Task Force cable by noon tomorrow (3/11)

Rich and Rob,

(b)(5)

Thanks

Nancy

FYI – I was having a problem with redline version. If new language is not highlighted please look at tack marks on the left margin to show additions.

---

**From:** Smith, Gretchen (CONTR) [mailto:Gretchen.Smith@nnsa.doe.gov]

**Sent:** Thursday, March 10, 2011 11:03 AM

**To:** (b)(6)

(b)(6)

**Subject:** ACTION: Clear/Comment on Draft Task Force cable by noon tomorrow (3/11)

Dear all,

The draft cable on the Joint Task Force is attached for your review. Please provide any edits to me by noon tomorrow (3/11).

Thanks!

Gretchen

Contractor to  
Office of Nuclear Safeguards and Security (NA-241)  
U.S. Department of Energy/National Nuclear Security Administration  
Gretchen.Smith@nnsa.doe.gov  
202-586-2650

**Doane, Margaret**

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**From:** Leeds, Eric  
**Sent:** Monday, March 14, 2011 2:35 PM  
**To:** Emche, Danielle  
**Cc:** Doane, Margaret; Mamish, Nader; Carter, Mary  
**Subject:** RE: Confirmation of names for Japan

Yes! Please add Bill Cook from Rgn 1 to the list. Sorry for any confusion caused by my first email.

Eric J. Leeds, Director  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
301-415-1270

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**From:** Emche, Danielle  
**Sent:** Monday, March 14, 2011 2:32 PM  
**To:** Leeds, Eric  
**Cc:** Doane, Margaret  
**Subject:** RE: Confirmation of names for Japan

Eric,  
We got a call from Bruce Boger that a William Cook from Region I should be added to the Japan team. We want to make sure that this has been coordinated with NRR's effort to get the right team together. Please inform us.  
Danielle

---

**From:** Doane, Margaret  
**Sent:** Monday, March 14, 2011 2:17 PM  
**To:** Emche, Danielle; Ramsey, Jack; Foggie, Kirk; Smith, Brooke; Kreuter, Jane  
**Subject:** FW: Confirmation of names for Japan

FYI

---

**From:** Leeds, Eric  
**Sent:** Monday, March 14, 2011 1:11 PM  
**To:** Collins, Elmo; Satorius, Mark; McCree, Victor; Dean, Bill; Sheron, Brian; Tracy, Glenn; Hudson, Jody; Johnson, Michael; Miller, Charles; Haney, Catherine; Zimmerman, Roy; Stewart, Sharon; Virgilio, Martin; Weber, Michael; Borchardt, Bill; Mamish, Nader; Doane, Margaret; Muessle, Mary  
**Cc:** Boger, Bruce; Grobe, Jack; Ruland, William; Meighan, Sean  
**Subject:** Confirmation of names for Japan

Folks –

Thanks so much for your help – we have a strong database of names/expertise to support the Japanese. For this first wave, we are sending Chuck Casto, John Monninger, Tony Nakanishi, Tim Kolb, Jack Foster and Richard Devercelly. I believe that Bruce Boger has contacted all those going to join Tony Ulsis and Jim Trapp in Japan.

I imagine that at some point we may need to send a second wave of responders to relieve our first wave. We will let you know as soon as we know if this needs to be done. We are also sensitive not to over-burden any one office.

Thanks again for your support!



Eric J. Leeds, Director  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
301-415-1270

**Doane, Margaret**

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**From:** Mamish, Nader  
**Sent:** Monday, March 14, 2011 2:46 PM  
**To:** Doane, Margaret  
**Subject:** FW: KI for Japan deployment

Should have copied you ...

---

**From:** Mamish, Nader  
**Sent:** Monday, March 14, 2011 2:46 PM  
**To:** Meighan, Sean; Leeds, Eric; Boger, Bruce  
**Cc:** Foggie, Kirk; Smith, Brooke  
**Subject:** RE: KI for Japan deployment

If we had a disaster at a US plant, the NRC's policy is to follow the lead of the States (US States). In this case, we suggest that the team follow the Japanese Government policy.

**Brooke/Kirk:** Could you please communicate to the rest of the team?

Thanks

---

**From:** Meighan, Sean  
**Sent:** Monday, March 14, 2011 2:09 PM  
**To:** Mamish, Nader; Leeds, Eric; Boger, Bruce  
**Subject:** KI for Japan deployment

Nader:

Dr. Cadoux asked the question "what will we do with respect to Potassium Iodide for those who will be going to Japan?" We currently do not have a stance on this. What is your suggestion/direction?

Very Respectfully  
Sean Meighan  
415-1020

**Doane, Margaret**

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**From:** LIA10 Hoc  
**Sent:** Monday, March 14, 2011 2:49 PM  
**To:** Doane, Margaret  
**Subject:** Your Ops Center Schedule

Margie:

You are scheduled to work in the OPS Center on the following shifts:

- Tuesday March 15: 7:00 am to 3:00 pm
- Wednesday March 16: 7:00 am to 3:00 pm
- Thursday March 17: 7:00 am to 3:00 pm
- Friday March 18: 7:00 am to 3:00 pm

Thank you.

Steve Baker

**Doane, Margaret**

---

**From:** Ross Scott (b)(6)  
**Sent:** Monday, March 14, 2011 3:14 PM  
**To:** Doane, Margaret  
**Subject:** Assessing KI inventories  
**Attachments:** fallout.jpg; W\_Ross\_Scott.vcf

Dear Ms. Doane:

It was a pleasure to talk with you today, and good to hear that lines of communication with NISA, et al are open.

You mentioned you are working with Japan on the health issues. One thing I could help you with is assessing KI in the US stockpile. If the worst case of multiple reactor meltdowns at Fukushima Daiichii comes to pass, KI will need to be distributed in the U.S.

I am an attorney and was New York State's expert on loss of cooling accidents in nuclear facilities during the NRC' proceeding Generic Environmental Statement on Mixed Oxide (GESMO) in the late 1970s. Other nuclear-related consulting has included:

- Drafting the section of the 1978 Energy Research and Development Act requiring a federal study of the Nuclear Fuel Services Reprocessing Plant at West Valley, NY;
- Participating in the NRC facility re-licensing proceeding for the West Valley reprocessing plant;
- Advising the 1976 Jimmy Carter presidential campaign on nuclear fuel reprocessing issues;
- Developing computer software used at both Oak Ridge National Laboratory, and Atomic Energy of Canada Ltd.;
- Assisting the Nevada Attorney General in a lawsuit against DOE Secretary James Watkins over Yucca Mountain;
- Advising the State Department on protocols to be used at U.S. embassies for acquiring Chernobyl fallout data; helping with the International Thermonuclear Experimental Reactor (ITER) program, and continuity of government plans.
- Assisting counsel with the early stages of New York v. U.S., in which the U.S. Supreme Court struck down the "take title" provisions of the Low-Level Radioactive Waste Policy Amendments Act of 1985.
- Managing computer security for the main DOE Forrestal Building computer center in 1981.
- Being the chief systems programmer at the University of Washington Nuclear Physics Laboratory in Seattle while completing my bachelor degree in mathematics from 1965 to 1968.

In addition to my nuclear energy work, I have experience in other energy areas, epidemiology, national security, and continuity of government planning.

Please pass this on to whomever at NRC may be able to uses my services, on either a paid or volunteer basis.




W. Ross Scott, Esq.  
Attorney at Law  
The Ross Scott Law Firm  
1759 Hawks Road  
Andover, NY 14806

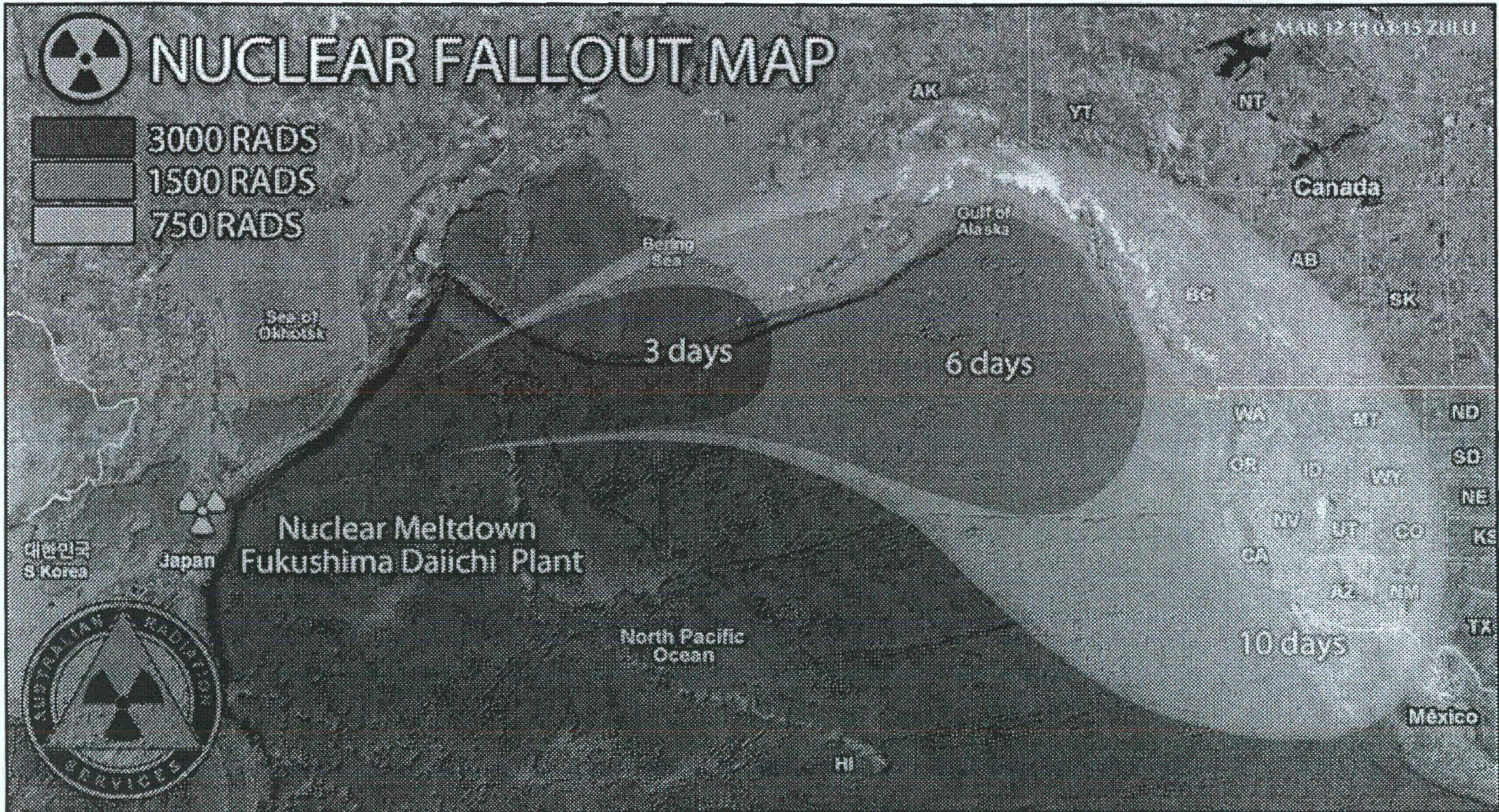
607-478-8000 (Andover, NY)  
202-670-ATTY (Washington, DC)

MAR 12 11 03:15 ZULU



# NUCLEAR FALLOUT MAP

-  3000 RADS
-  1500 RADS
-  750 RADS



**Doane, Margaret**

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**From:** Moore, Scott  
**Sent:** Monday, March 14, 2011 3:23 PM  
**To:** Holahan, Vincent  
**Cc:** Mamish, Nader; Doane, Margaret  
**Subject:** Does the PMT have this info?

Vince: See attached link:

It's to the NISA (Japanese Regulator's) English website. I presume that ya'll already have it, but I wanted to make sure. It has meteorological data, survey readings, etc.

<http://www.nisa.meti.go.jp/english/files/en20110314-1.pdf>

The NISA website for press releases is:

<http://www.nisa.meti.go.jp/english/index.html>

**Doane, Margaret**

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**From:** Henderson, Karen  
**Sent:** Monday, March 14, 2011 3:29 PM  
**To:** Doane, Margaret  
**Cc:** Ramsey, Jack  
**Subject:** RE: Guidance ~~(OUO)~~

For your review, as requested

UPDATED DRAFT

~~Official Use Only~~

(b)(5)



(b)(5)

~~Official Use Only~~

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**From:** Doane, Margaret  
**Sent:** Monday, March 14, 2011 2:14 PM  
**To:** Henderson, Karen  
**Subject:** FW: Guidance ~~(OUO)~~

Karen this was the advice last night. Let's revised now that we are part of an international team.  
Margie

---

**From:** Emche, Danielle  
**Sent:** Monday, March 14, 2011 2:05 PM  
**To:** Doane, Margaret  
**Subject:** FW: Guidance ~~(OUO)~~

---

**From:** LIA03 Hoc  
**Sent:** Monday, March 14, 2011 2:02 PM  
**To:** Emche, Danielle  
**Subject:** FW: Guidance ~~(OUO)~~

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**From:** LIA03 Hoc  
**Sent:** Sunday, March 13, 2011 11:40 AM  
**To:** Ulses, Anthony  
**Cc:** LIA02 Hoc  
**Subject:** Guidance ~~(OUO)~~

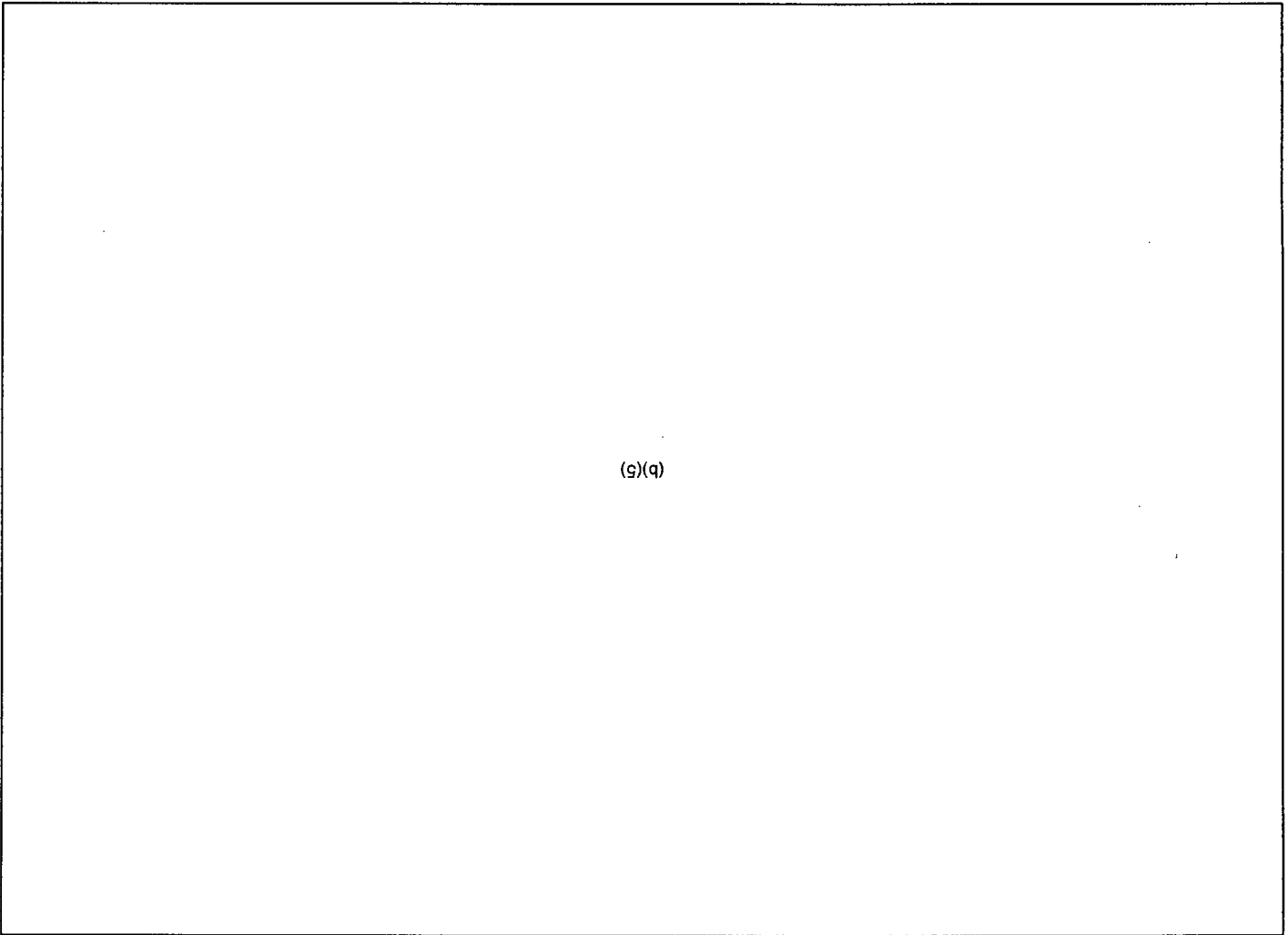
~~Official Use Only~~

Tony -

The following is cut and paste from emails between the Chairman and Margie Doane (OIP Director). This for your information to use as guidance. I will try to talk to Jim Trapp before he heads to the Embassy. In case I don't have a chance to talk to him, please share this with him.

(b)(6)

~~OFFICIAL USE ONLY~~



(b)(5)

**Doane, Margaret**

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**From:** Weber, Michael  
**Sent:** Monday, March 14, 2011 3:43 PM  
**To:** Doane, Margaret  
**Cc:** Ramsey, Jack; Henderson, Karen; Mamish, Nader; Virgilio, Martin; Borchardt, Bill; Brenner, Eliot  
**Subject:** Response - OIP Analysis no2.docx

Excellent guidance, Margie. Are you preparing this to guide our responders, both here and in Japan?

---

**From:** Doane, Margaret  
**To:** Borchardt, Bill; Brenner, Eliot  
**Cc:** Ramsey, Jack; Henderson, Karen; Mamish, Nader; Virgilio, Martin; Weber, Michael  
**Sent:** Mon Mar 14 15:33:39 2011  
**Subject:** OIP Analysis no2.docx

Attached is an updated OIP Analysis/Guidance Document for Japan. Please let me know if you have concerns or revisions. I'd like to have it final ASAP for the NRC Assistance Team and to guide public and liaison activities.

Thanks,  
Margie

**Doane, Margaret**

---

**From:** Russel, Daniel R. (b)(6)  
**Sent:** Monday, March 14, 2011 4:02 PM  
**To:** Ramsey, Jack; Bader, Jeffrey A.  
**Cc:** Doane, Margaret; Mamish, Nader; Duncan, Shawn H.  
**Subject:** RE: question about POC's

Looping in Jeff Bader, Senior Director for Asia.

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

**From:** Ramsey, Jack [mailto:Jack.Ramsey@nrc.gov]  
**Sent:** Monday, March 14, 2011 4:01 PM  
**To:** Russel, Daniel R.  
**Cc:** Doane, Margaret; Mamish, Nader  
**Subject:** RE: question about POC's

Right now, best points of contact are Margie Doane (Director of International Programs) and Nader Mamish (Deputy Director of International Programs). Best general number for both is (301) 415-1780.

Would you like me to set up a call?

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

**From:** Russel, Daniel R. [mailto:(b)(6)]  
**Sent:** Monday, March 14, 2011 3:58 PM  
**To:** Ramsey, Jack  
**Subject:** question about POC's

(b)(5)

Can you suggest a person and phone # for us to confer with?

Thanks,

Danny

Danny Russel  
Director for Japan and Korea  
National Security Council

(b)(6)	(direct)
(b)(6)	(cell)

BV/77

**Doane, Margaret**

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**From:** Doane, Margaret  
**Sent:** Monday, March 14, 2011 4:10 PM  
**To:** Borchardt, Bill  
**Subject:** FW: OIP Analysis no2.docx  
**Attachments:** OIP Analysis no2.docx  
  
**Importance:** High

Hello. I need this as soon as you can.  
Margie

---

**From:** Doane, Margaret  
**Sent:** Monday, March 14, 2011 3:34 PM  
**To:** Borchardt, Bill; Brenner, Eliot  
**Cc:** Ramsey, Jack; Henderson, Karen; Mamish, Nader; Virgilio, Martin; Weber, Michael  
**Subject:** OIP Analysis no2.docx

Attached is an updated OIP Analysis/Guidance Document for Japan. Please let me know if you have concerns or revisions. I'd like to have it final ASAP for the NRC Assistance Team and to guide public and liaison activities.

Thanks,  
Margie

**Doane, Margaret**

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**From:** Brenner, Eliot  
**Sent:** Monday, March 14, 2011 4:19 PM  
**To:** Doane, Margaret; Borchardt, Bill  
**Cc:** Ramsey, Jack; Henderson, Karen; Mamish, Nader; Virgilio, Martin; Weber, Michael  
**Subject:** RE: OIP Analysis no2.docx

Margie. Sorry for delay in responding. Looks very thorough. Good job.

---

**From:** Doane, Margaret  
**Sent:** Monday, March 14, 2011 3:34 PM  
**To:** Borchardt, Bill; Brenner, Eliot  
**Cc:** Ramsey, Jack; Henderson, Karen; Mamish, Nader; Virgilio, Martin; Weber, Michael  
**Subject:** OIP Analysis no2.docx

Attached is an updated OIP Analysis/Guidance Document for Japan. Please let me know if you have concerns or revisions. I'd like to have it final ASAP for the NRC Assistance Team and to guide public and liaison activities.

Thanks,  
Margie

**Doane, Margaret**

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**From:** Doane, Margaret  
**Sent:** Monday, March 14, 2011 4:26 PM  
**To:** LIA02 Hoc; Abrams, Charlotte  
**Subject:** FW: Seismic Damage Information News Release in English

**Importance:** High

Latest info. from NISA. You may already have it.  
Margie

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

**From:** [tomita-kazuhide@jnes.go.jp](mailto:tomita-kazuhide@jnes.go.jp) [<mailto:tomita-kazuhide@jnes.go.jp>]  
**Sent:** Monday, March 14, 2011 12:58 AM  
**To:** [tomita-kazuhide@jnes.go.jp](mailto:tomita-kazuhide@jnes.go.jp)  
**Subject:** Seismic Damage Information News Release in English  
**Importance:** High

Dear All

Please find the NISA News Release in English from the NISA HP web as shown below.

<http://www.nisa.meti.go.jp/english/index.html>

This is the best way you could obtain the quick official release on the Seismic Damage Information from Japan.

Sincerely Yours,

Kazuhide TOMITA (Mr.)  
Assistant Director-General  
Office of International Programs  
Japan Nuclear Energy Safety Organization (JNES) 3-17-1, Toranomon, Minato-ku, Tokyo, 105-0001, JAPAN  
Tel: +81-3-4511-1910  
Fax: +81-3-4511-1998  
E-mail: [tomita-kazuhide@jnes.go.jp](mailto:tomita-kazuhide@jnes.go.jp)

**Doane, Margaret**

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**From:** Doane, Margaret  
**Sent:** Monday, March 14, 2011 4:44 PM  
**To:** Batkin, Joshua; Mamish, Nader  
**Cc:** Dembek, Stephen; Abrams, Charlotte  
**Subject:** RE: THE TEAM!

Call me please

**From:** Batkin, Joshua  
**Sent:** Monday, March 14, 2011 4:17 PM  
**To:** Mamish, Nader  
**Cc:** Dembek, Stephen; Abrams, Charlotte; Doane, Margaret  
**Subject:** THE TEAM!

Are we all set? Have we formally transitioned responsibility to USAID for getting the group to Japan ASAP?  
i.e. tonight?



**Doane, Margaret**

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**From:** Doane, Margaret  
**Sent:** Monday, March 14, 2011 5:52 PM  
**To:** Emche, Danielle  
**Subject:** OIP Analysis no2.docx  
**Attachments:** OIP Analysis no2.docx

**Doane, Margaret**

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**From:** Doane, Margaret  
**Sent:** Monday, March 14, 2011 6:24 PM  
**To:** Coggins, Angela; Abrams, Charlotte; Batkin, Joshua; Mamish, Nader  
**Subject:** RE: 8 NRC people to Japan ASAP

Thanks, we have already made the connection about an hour ago and transmitted all necessary information. We'll let you know when they are wheels up.  
Margie

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

**From:** Coggins, Angela  
**Sent:** Monday, March 14, 2011 5:46 PM  
**To:** Abrams, Charlotte; Batkin, Joshua; Mamish, Nader; Doane, Margaret  
**Subject:** Re: 8 NRC people to Japan ASAP

Chairman just chatted with US AID (call was on bridge not too long ago so this might be old news) and they are working hard to get our folks over to Japan so no more worries from our end. He's followed up with the USAID administrator so they know they've got ball.

Angela Coggins  
Policy Director  
Office of Chairman Gregory B Jaczko  
US Nuclear Regulatory Commission  
angela.coggins@nrc.gov/301-415-1828

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

**From:** Abrams, Charlotte  
**To:** Coggins, Angela; Batkin, Joshua  
**Sent:** Mon Mar 14 17:02:25 2011  
**Subject:** Fw: 8 NRC people to Japan ASAP

Sent from my nrc blackberry. Charlotte Abrams (b)(6)

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

**From:** Tidd, Kurt W RADM JCS VDJ-3 (b)(6)  
**To:** (b)(6)

(b)(6)

(b)(6)

Sent: Mon Mar 14 16:51:00 2011  
Subject: RE: 8 NRC people to Japan ASAP

TJ -- ensure ALCON know/understand that this TRANSCOM planning remains TENTATIVE until positively confirmed. A lot of moving pieces here, so we MOST STRONGLY recommend NRC retain their commercial air plans. It will be a challenge for NRC folks to get to Vegas, then over to Nellis, and we do not intend to hold up the flight for them. For the moment, here is what the DOE lift looks like:

Mission Number: PJM112471073-  
C-17 alert NLT 14/1800Z  
Dep Travis AFB CA (KSUU) 14/2100Z  
Arr/Dep Nellis AFB NV (KLSV) - 14/2200Z - 15/0045Z Arr/Dep Elmendorf AFB for gas (PAED) - 15/0545Z - 15/0730Z Arr Yokota AFB Japan (RJTY) - 15/1545Z

Please stress again -- this flight sked remains TENTATIVE!! We've got a bunch of folks scrambling hard to make it happen, but please remain flexible.

\*\*\*\*\*

RADM Kurt W. Tidd, USN  
Vice Director for Operations, J3  
3000 Joint Staff Pentagon  
Rm 2D882  
Washington DC 20318-3000  
Tel: (703) 695-0987  
DSN: 225-0987  
Fax: (703) 614-1755  
Red Switch: 80-228-2247  
Blackberry: (b)(6)  
Email: (b)(6)  
SIPR: (b)(6)

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

From: Zerr, Thomas J. [mailto:(b)(6)]  
Sent: Monday, March 14, 2011 4:42 PM  
To: (b)(6)

(b)(6)

(b)(6)

Cc: Wormuth, Christine; 'TaskForce1Mailbox@state.gov'; Russel, Daniel R.; Duncan, Shawn H.; Bentz, Julie A.; 'Margaret.Doane@nrc.gov'; 'Nader.Mamish@nrc.gov'; 'Kirk.Foggie@nrc.gov'; 'Brooke.Smith@nrc.gov'; 'LIA02.Hoc@nrc.gov'; 'LIA03.Hoc@nrc.gov'; 'Jane.Marshall@nrc.gov'; 'Chuck.Casto@nrc.gov'; 'John.Monninger@nrc.gov'; 'Tony.Nakanishi@nrc.gov'; 'Timothy.Kolb@nrc.gov'; 'Jack.Foster@nrc.gov'; 'Richard.Devercelly@nrc.gov'; 'Glenn.Tracy@nrc.gov'; 'Eric.Leeds@nrc.gov'; 'Bruce.Boger@nrc.gov'; 'James.Trapp@nrc.gov'; 'Anthony.Ulises@nrc.gov'; 'Mary.Carter@nrc.gov'; 'Danielle.Emche@nrc.gov'; 'Andrea.Jones2@nrc.gov'; 'Jennifer.Schwartzman@nrc.gov'; 'William.Cook@nrc.gov'; Baden, Tim; Dolan, Edward M.; Donnell, Charles D.; Gelman, Jeffrey D.  
Subject: Re: 8 NRC people to Japan ASAP

Thanks Admiral.

NRC-Once we get TRANSCOM flight data we will need to move quick to see if we can get your nine to the launch point in time.

As previously stated please keep planning to execute the commercial flight option if the mil air ends up not working out.

TJ

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

From: Tidd, Kurt W RADM JCS VDJ-3

(b)(6)

To:

(b)(6)

(b)(6)

Cc: Wormuth, Christine; TaskForce1Mailbox@state.gov <TaskForce1Mailbox@state.gov>; Russel, Daniel R.; Duncan, Shawn H.; Bentz, Julie A.; Doane, Margaret <Margaret.Doane@nrc.gov>; Mamish, Nader <Nader.Mamish@nrc.gov>; Foggie, Kirk <Kirk.Foggie@nrc.gov>; Smith, Brooke <Brooke.Smith@nrc.gov>; LIA02 Hoc <LIA02.Hoc@nrc.gov>; LIA03 Hoc <LIA03.Hoc@nrc.gov>; Marshall, Jane <Jane.Marshall@nrc.gov>; Casto, Chuck <Chuck.Casto@nrc.gov>; Monninger, John <John.Monninger@nrc.gov>; Nakanishi, Tony <Tony.Nakanishi@nrc.gov>; Kolb, Timothy <Timothy.Kolb@nrc.gov>; Foster, Jack <Jack.Foster@nrc.gov>; Devercelly, Richard <Richard.Devercelly@nrc.gov>; Tracy, Glenn <Glenn.Tracy@nrc.gov>; Leeds, Eric <Eric.Leeds@nrc.gov>; Boger, Bruce <Bruce.Boger@nrc.gov>; Trapp, James <James.Trapp@nrc.gov>; Ulises, Anthony <Anthony.Ulises@nrc.gov>; Carter, Mary <Mary.Carter@nrc.gov>; Emche, Danielle <Danielle.Emche@nrc.gov>; Jones, Andrea <Andrea.Jones2@nrc.gov>; Schwartzman, Jennifer <Jennifer.Schwartzman@nrc.gov>; Cook, William <William.Cook@nrc.gov>; Baden, Tim; Dolan, Edward M.; Donnell, Charles D.; Gelman, Jeffrey D.; Hepburn, Matthew; Kamoie, Brian E.; Kern, Dab; Kim, Paul; Landau, Zachary L.; Marcozzi, David E.; Mecher, Carter E.; Panketh, Eric J.

(NSC); Reed, Richard A.; Tribble, Ahsha; Zelvin, Lawrence K.; Holgate, Laura  
Sent: Mon Mar 14 16:32:13 2011  
Subject: RE: 8 NRC people to Japan ASAP

TJ -- we're moving DOE AMS and Consequence Management teams as quickly as we can spool up the lift; have looped in our POC's on the cc line. Would not recommend delaying any flights while we await the NRC personnel, but if there's room, and if they can get themselves to the lift site (Nellis AFB - Las Vegas), we have SECDEF authorization to carry non-DOD personnel in support of this crisis.

JLOC -- As soon as we have the TRANSCOM flight info, please push toalcon and we'll see if we can provide an alternative to commercial air. Again, unless otherwise directed, recommend we not hold up the DOE flights, but if we can kill two birds, let's do it.

\*\*\*\*\*

RADM Kurt W. Tidd, USN  
Vice Director for Operations, J3  
3000 Joint Staff Pentagon  
Rm 2D882  
Washington DC 20318-3000  
Tel: (703) 695-0987  
DSN: 225-0987  
Fax: (703) 614-1755  
Red Switch: 80-228-2247  
Blackberry: (b)(6)  
Email: (b)(6)  
SIPR: (b)(6)

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

From: Gallagher, Shawn P. [mailto:(b)(6)]  
Sent: Monday, March 14, 2011 4:05 PM  
To: 'Clark, Ngoc CIV OSD POLICY'; 'Ramsey, Jack'; Abrams, Charlotte; Zerr, Thomas J.; Zenner, Todd LCDR JCS J5 DDASIA NEAD NE ASIA BR; Hulley, Paul, SES, OSD-POLICY; Trigilio, John, CIV, OSD-POLICY; Tidd, Kurt W RADM JCS VDJ-3; Engle, Thomas E Lt Col JCS J3/NMCC; Severs, Paul J CAPT JCS J5 AP; NEWELL, JOHN Brig Gen JCS J5 ASIADD; SHIN, DAVID W COL JCS J5 ASIA NEA; BROWN, ANGELIQUE P Maj JCS J5 ASIA NEA; NJOIC J-5 POLICY JCS J-3; NJOIC BATTLE CAPTAIN JCS J3; NJOIC JLOC OFFICER JCS J3; Kremer, Kyle Col JCS J4 DISTRIBUTION  
Cc: Wormuth, Christine; 'TaskForce1Mailbox@state.gov'; Russel, Daniel R.; Duncan, Shawn H.; Bentz, Julie A.; Doane, Margaret; Mamish, Nader; Foggie, Kirk; Smith, Brooke; LIA02 Hoc; LIA03 Hoc; Marshall, Jane; Casto, Chuck; Monninger, John; Nakanishi, Tony; Kolb, Timothy; Foster, Jack; Devercelly, Richard; Tracy, Glenn; Leeds, Eric; Boger, Bruce; Trapp, James; Ulses, Anthony; Carter, Mary; Emche, Danielle; Jones, Andrea; Schwartzman, Jennifer; Cook, William; Baden, Tim; Dolan, Edward M.; Donnell, Charles D.; Gelman, Jeffrey D.; Hepburn, Matthew; Kamoie, Brian E.; Kern, Dab; Kim, Paul; Landau, Zachary L.; Marcozzi, David E.; Mecher, Carter E.; Panketh, Eric J. (NSC); Reed, Richard A.; Tribble, Ahsha; Zelvin, Lawrence K.; Holgate, Laura  
Subject: RE: 8 NRC people to Japan ASAP

Again looping in resilience here at NSC. Thanks all!

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

From: Clark, Ngoc CIV OSD POLICY [mailto:(b)(6)]  
Sent: Monday, March 14, 2011 3:58 PM  
To: 'Ramsey, Jack'; Abrams, Charlotte; Zerr, Thomas J.; Zenner, Todd LCDR JCS J5 DDASIA NEAD NE ASIA BR; Hulley, Paul, SES, OSD-POLICY; Trigilio, John, CIV, OSD-POLICY; Tidd, Kurt W RADM JCS VDJ-3;

Engle, Thomas E Lt Col JCS J3/NMCC; Severs, Paul J CAPT JCS J5 AP; NEWELL, JOHN Brig Gen JCS J5 ASIADD; SHIN, DAVID W COL JCS J5 ASIA NEA; BROWN, ANGELIQUE P Maj JCS J5 ASIA NEA; NJOIC J-5 POLICY JCS J-3; NJOIC BATTLE CAPTAIN JCS J3; NJOIC JLOC OFFICER JCS J3; Kremer, Kyle Col JCS J4 DISTRIBUTION

Cc: Wormuth, Christine; 'TaskForce1Mailbox@state.gov'; Russel, Daniel R.; Duncan, Shawn H.; Gallagher, Shawn P.; Bentz, Julie A.; Doane, Margaret; Mamish, Nader; Foggie, Kirk; Smith, Brooke; LIA02 Hoc; LIA03 Hoc; Marshall, Jane; Casto, Chuck; Monninger, John; Nakanishi, Tony; Kolb, Timothy; Foster, Jack; Devercelly, Richard; Tracy, Glenn; Leeds, Eric; Boger, Bruce; Trapp, James; Ulses, Anthony; Carter, Mary; Emche, Danielle; Jones, Andrea; Schwartzman, Jennifer; Cook, William  
Subject: RE: 8 NRC people to Japan ASAP

Looping in J-4 colleagues with the details of the request.

Ms. Ngoc Clark  
Foreign Affairs Specialist

Humanitarian Assistance, Disaster Relief, and Global Health Directorate Office of Partnership Strategy & Stability Operations (PSO)  
OUSD(Policy) - SO/LIC & IC  
5C653  
703-692-0122

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

From: Ramsey, Jack [mailto:Jack.Ramsey@nrc.gov]

Sent: Monday, March 14, 2011 3:54 PM

To: Abrams, Charlotte; (b)(6); Zenner, Todd LCDR JCS J5 DDASIA NEAD NE ASIA BR; Hulley, Paul, SES, OSD-POLICY; Clark, Ngoc CIV OSD POLICY; Trigilio, John, CIV, OSD-POLICY; Tidd, Kurt W RADM JCS VDJ-3; Engle, Thomas E Lt Col JCS J3/NMCC; Severs, Paul J CAPT JCS J5 AP; NEWELL, JOHN Brig Gen JCS J5 ASIADD; SHIN, DAVID W COL JCS J5 ASIA NEA; BROWN, ANGELIQUE P Maj JCS J5 ASIA NEA; NJOIC J-5 POLICY JCS J-3; NJOIC BATTLE CAPTAIN JCS J3

Cc: (b)(6);

(b)(6)  
Doane, Margaret; Mamish, Nader; Foggie, Kirk; Smith, Brooke; LIA02 Hoc; LIA03 Hoc; Marshall, Jane; Casto, Chuck; Monninger, John; Nakanishi, Tony; Kolb, Timothy; Foster, Jack; Devercelly, Richard; Tracy, Glenn; Leeds, Eric; Boger, Bruce; Trapp, James; Ulses, Anthony; Carter, Mary; Emche, Danielle; Jones, Andrea; Schwartzman, Jennifer; Cook, William  
Subject: RE: 8 NRC people to Japan ASAP

All,

As the message below indicates, we now have an additional person (for a total of 9) from our regional office outside Philadelphia.

Jack Ramsey

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

From: Abrams, Charlotte

Sent: Monday, March 14, 2011 3:52 PM

To: (b)(6)

(b)(6)

.Chuck, Monninger, John; Nakanishi, Tony; Kolb, Timothy; Foster, Jack; Devercelly, Richard; Tracy, Glenn; Leeds, Eric; Boger, Bruce; Trapp, James; Ulses, Anthony; Carter, Mary; Emche, Danielle; Jones, Andrea; Schwartzman, Jennifer  
Subject: Re: 8 NRC people to Japan ASAP

Also Bill Cook from RI

Sent from my nrc blackberry. Charlotte Abrams (b)(6)

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

From: Ramsey, Jack

To: (b)(6)

(b)(6)

Sent: Mon Mar 14 15:48:03 2011  
Subject: RE: 8 NRC people to Japan ASAP

All,

To summarize, the Nuclear Regulatory Commission has been requested by the Japanese government to supplement our staffing at the US Embassy in Tokyo (we currently have two staff there). In response, we have identified 8 NRC staff for this. We have 6 staff from WashDC (John Monninger, Tony Nakanishi, Tim Kolb, Jack Foster, Brooke Smith and Kirk Foggie), 1 from Atlanta (Chuck Casto) and 1 from Chattanooga (Richard Devercelly). The earliest commercial flights that are available are around 13:00 EDT tomorrow (Tuesday). Obviously, we'd like to get them there earlier if at all possible. This is what prompted the question on whether DOD and/or other appropriate assets might be available.

For coordination purposes, the International Liaison Team at NRC's Emergency Operations Center will be lead for this. E-mail addresses there are lia02.hoc@nrc.gov and lia03.hoc@nrc.gov, with direct phone line of (301) 816-5192 (this is a recorded line). In the event of any communication issues, please call the main number for NRC's Emergency Operation Center on (301) 816-5100 and ask for International Liaison. Please also note that the NRC team has been cc'ed on this message.

Thanks to everyone for looking at this.

Jack Ramsey

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

From: Zerr, Thomas J. [mailto:(b)(6)]  
Sent: Monday, March 14, 2011 3:25 PM  
To: Zenner, Todd LCDR JCS J5 DDASIA NEAD NE ASIA BR; Hulley, Paul, SES, OSD-POLICY; Clark, Ngoc CIV OSD POLICY; Trigilio, John, CIV, OSD-POLICY; Tidd, Kurt W RADM JCS VDJ-3; Engle, Thomas E Lt Col JCS J3/NMCC; Severs, Paul J CAPT JCS J5 AP; NEWELL, JOHN Brig Gen JCS J5 ASIADD; SHIN, DAVID W COL JCS J5 ASIA NEA; BROWN, ANGELIQUE P Maj JCS J5 ASIA NEA; NJOIC J-5 POLICY JCS J-3; NJOIC BATTLE CAPTAIN JCS J3  
Cc: Ramsey, Jack; Wormuth, Christine; TaskForce1Mailbox@state.gov; Russel, Daniel R.; Duncan, Shawn H.; Gallagher, Shawn P.; Bentz, Julie A.  
Subject: RE: 8 NRC people to Japan ASAP

+TF-1 mailbox for appropriate State loop in.

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

From: Zerr, Thomas J. [mailto:(b)(6)]  
Sent: Monday, March 14, 2011 2:58 PM  
To: Hulley, Paul, SES, OSD-POLICY; Zenner, Todd LCDR JCS J5 DDASIA NEAD NE ASIA BR; Clark, Ngoc CIV OSD POLICY; Trigilio, John, CIV, OSD-POLICY; Tidd, Kurt W RADM JCS VDJ-3  
Cc: 'Ramsey, Jack'  
Subject: FW: 8 NRC people to Japan ASAP

All-

I have discussed this on the phone with Paul and Todd. Needless to say the request is hot and getting big brains on the reactor issues out there soonest is critical given the situation at the plants.

Please inform if this request should go via a different path you can identify for me; or if this group can facilitate getting a DOD response to this request.

Jack-Please confirm the status of passports on these folks. Also I would continue to pursue any other transportation options outside of DOD so we don't lose any time.

TJ

From: Gallagher, Shawn P.  
Sent: Monday, March 14, 2011 2:46 PM  
To: 'Ramsey, Jack'; Zerr, Thomas J.; Bentz, Julie A.  
Subject: 8 NRC people to Japan ASAP

Jack, per our conversation TJ is calling over to DOD. Wanted to connect everyone via email so we can report status.



Julie, to bring you up to speed, the Japanese requested more NRC support and NRC identified 8 people to go on an immediate basis. Earliest commercial flight isn't until 1:00 tomorrow. TJ is finding out if there a mil air option.

Locations of individuals are 6 in DC, 1 in Atlanta, 1 in Chattanooga.  
All are currently packing and awaiting orders

**Doane, Margaret**

---

**From:** Doane, Margaret  
**Sent:** Monday, March 14, 2011 9:33 PM  
**To:** Casto, Chuck  
**Subject:** Re: Logo shirt

Absolutely fine.

Sent from an NRC Blackberry  
Margaret Doane

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

**From:** Casto, Chuck  
**To:** Doane, Margaret  
**Sent:** Mon Mar 14 15:31:55 2011  
**Subject:** Logo shirt

What's your thoughts on us wearing NRC logo shirts during our work and press conferences?

This email is being sent from an NRC mobile device.

**Doane, Margaret**

---

**From:** Doane, Margaret  
**Sent:** Monday, March 14, 2011 11:37 AM  
**To:** Ramsey, Jack  
**Subject:** Roles and Responsibilities in Tokyo.docx  
**Attachments:** Roles and Responsibilities in Tokyo.docx

Attached.

Roles and Responsibilities in Tokyo

Liaison activities for NRC technical staff and NISA

Liaison activities for NRC technical staff and US Embassy Japan

Liaison activities between NRC technical team in Japan and NRC US

Liaison between NRC US and Interagency

Roles and Responsibilities in US

Executive Team

Liaison between OIP Tokyo and US NRC

Liaison between US NRC and Interagency

**Doane, Margaret**

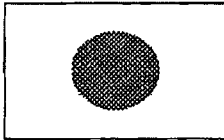
---

**From:** Doane, Margaret  
**Sent:** Monday, March 14, 2011 11:44 AM  
**To:** Emche, Danielle  
**Cc:** Abrams, Charlotte  
**Subject:** Japan Profile.docx  
**Attachments:** Japan Profile.docx

Danielle,

I need you to make a book for the travelers to Japan. Here is one document to include there are others. Get the Admin staff to help.

Margie



## JAPAN COUNTRY PROFILE

### NUCLEAR PROGRAM

#### Nuclear Power

Nuclear technology provides a substantial portion of Japan's electricity. Currently, nuclear energy accounts for 35% of the country's total electricity production (29% in 2009), from 47.9 GWe of capacity (net). There are plans to increase this to 41% by 2017, and 50% by 2030.

In 2008, Japan generated 1085 billion kWh gross, 30% from coal, 25% from gas, 24% from nuclear, 11% from oil, and 7.5% from hydro, though 8 GWe of nuclear capacity was unused during the shutdown and inspection of Kashiwasaki-Kariwa following a massive earthquake in mid 2007. Per capita consumption is about 7900 kWh/yr.

Currently, ten utilities operate 53 nuclear power reactors (47,930 MWe) to produce Japan's electricity. The Tokai Power Station is undergoing decommissioning. Monju, which was shut down in 1995, restarted in May 2010. This long delay was due to technical difficulty, repair work on holes discovered in the reactor's auxiliary building, and lengthy safety checks. At present, 2 units are under construction, Tomari-3, a Pressurized Water Reactor (PWR) scheduled for operation in October 2010; and Shimane 3, an Advanced Boiling Water Reactor (ABWR) scheduled for operation by December 2011. The government has recently announced support for the construction of 12 new nuclear power plants [9 ABWRs, 1 Boiling Water Reactor, and 2 Advanced Pressurized Water Reactors ].

#### Nuclear Fuel Cycle

Japan operates a complete fuel cycle that includes 1 enrichment facility, 5 operating fuel fabrication facilities and 2 reprocessing facilities. Operations at the Rokkasho Reprocessing Plant began in February 2008. In November 2006, Japan Nuclear Fuel Ltd. produced its first plutonium-uranium mixed oxide (MOX) solution.

On November 9, 2009, the Genkai-3 Nuclear Power Station (NPS) (PWR, 1,180 MW), owned and operated by the Kyushu Electric Power Co. (Kyushu EP), began generating electricity for the first time using MOX. The nuclear power station underwent adjustment operations and a comprehensive load evaluation on December 2, 2009, before returning to commercial operation as the country's first reactor generating electricity using MOX fuel.

#### Waste Management

One low-level waste storage facility, located at the Rokkasho Fuel Cycle Facility in Aomori Prefecture, supports Japan's nuclear industry. It has a capacity of 3 million drums. Japan plans to vitrify high-level waste and store it in surface facilities for 30-50 years before its final deep underground disposal. The Japanese Cabinet has formally declared that a spent fuel facility will be in operation by the 2030's.

In 2005, Tokyo Electric Power Company (TEPCO) announced that a Recyclable Fuel Storage Center would be established in Mutsu, and operating some time in 2012 with a 5,000 ton capacity. The facility will provide interim storage for up to 50 years before used fuel is reprocessed.

### **Research and Development**

There is close collaboration between the Nuclear Regulatory Commission (NRC) and Japan on nuclear safety research programs. Direct contact and working closely together on research programs of mutual interest have proven to be an effective means for obtaining useful test data, including results from large-scale test programs not available anywhere else in the world. Key research partners in Japan include Japan Nuclear Energy Safety Organization (JNES) and Japan Atomic Energy Agency (JAEA). Of the 23 research reactors in Japan, Monju, Japan's only fast breeder reactor is the most noteworthy because it was shut down for over 15 years because of a secondary leak. It restarted on May 6, 2010.

### **Nuclear Regulatory Structure**

Japan has a complicated nuclear regulatory structure that involves multiple organizations collaborating according to the Japanese "Double Check" system. In recent years, however, the government has begun a gradual transition to form a regulatory organization similar to the NRC's. Where once regulatory responsibility was split more closely 50/50 between the two organizations of the Nuclear and Industrial Safety Agency (NISA) and the Ministry of Education, Culture, Sports, Science and Technology (MEXT), today NISA is responsible for about 85% of the regulatory program. Japan still uses a two-step construction/operating licensing process. Before either NISA or MEXT issues a license, their findings are independently checked by the Nuclear Safety Commission (NSC).

### ***Ministry of Economy, Trade and Industry (METI) and NISA***

On January 6, 2001, as part of the government's structural reform, the newly formed METI established NISA, which is responsible for nuclear safety, including the regulation of nuclear power generation, uranium refining, fuel fabrication, spent fuel storage and reprocessing, and radioactive waste management and disposal. NISA is incorporating the use of Probabilistic Risk Assessment into its regulations. NISA also announced that it will develop a safety rating system based on operational performance, shutdowns, events, etc.

### ***JNES***

On October 1, 2003, in a further reform of its regulatory regime (as a result of weaknesses identified by a TEPCO data falsification scandal), the Japanese government combined the talents of the Nuclear Power Engineering Corporation with the Japan Power Engineering and Inspection Corporation to create JNES. JNES supports NISA in its regulatory inspection program.

### ***MEXT***

MEXT, like NISA, was also established on January 6, 2001, resulting from the integration of the Science and Technology Agency and the Ministry of Education. In the nuclear area, MEXT regulates research reactors, use of nuclear material for research, and use of radioisotopes.

## **NSC**

The NSC, a nuclear safety policy organization, now located within the Prime Minister's Secretariat, provides the "Double Check" function for METI in Japan's regulatory licensing process. The five-member body, with a technical support staff of about 100, provides independent review and comment to METI on nuclear safety matters.

## **JAEA**

The JAEA was created to merge the two main government research and development agencies in Japan, The Japan Atomic Energy Research Institute (JAERI) and the Japan Nuclear Cycle Development Institute (JNC). JAEA is under MEXT, and is now a major integrated nuclear research and development organization, with 4400 employees at ten facilities and an annual budget of JPY 161 billion (US\$ 1.7 billion).

## ***Japan Nuclear Technology Institute (JANTI)***

In December 2000, the Japanese Federation of Electric Power Companies established a Japanese version of the World Association of Nuclear Operators (WANO) to improve information exchange and enhance nuclear safety. The Nuclear Safety Network (NSNET) was created along the same policy lines as WANO, and incorporates some of its methodologies. NSNET made a common database available to its members – some 35 Japanese nuclear-related companies – encouraging the timely reporting of safety events, as well as good practices. NSNET also established a peer review system modeled after WANO's Peer Review consisting of specialists from member organizations. In 2005, NSNET was incorporated into JANTI, based on the U.S. Institute of Nuclear Power Operations.

## ***Atomic Energy Commission (AEC)***

The AEC is composed of five Commissioners appointed by the Prime Minister, with the Diet's consent, for three-year terms. The mission of the AEC is to plan, deliberate, and decide basic policies or strategies for the promotion of research, development, and utilization of nuclear energy, and to provide opinions to the relevant Ministers on the adequacy of applying the Law on the regulation of nuclear source material, nuclear fuel material, and reactors.

## **NON-PROLIFERATION**

Japan is a member of the International Atomic Energy Agency (IAEA) and became a party to the Treaty on the Nonproliferation of Nuclear Weapons (NPT) on June 8, 1976. The Safeguards Agreement with the IAEA, required by the NPT, entered into force December 2, 1977, and is referred to as INFCIRC/255. IAEA safeguards are applied in Japan pursuant to the NPT. Japan has full scope safeguards coverage on its peaceful nuclear activities and is cooperating with the IAEA on the implementation of the IAEA's strengthened safeguards system under INFCIRC/540. In 1988, the U.S. and Japan entered into an Agreement for Peaceful Nuclear Cooperation, which expires in June 2018. Sensitive Nuclear Technology transfer is not covered under this Agreement. This Agreement is a post-Nuclear Nonproliferation Act (NNPA) Agreement and meets all of the NNPA requirements. Japan is also a member of the Nuclear Suppliers Group and the Zangger Committee.



## PRIVATIZATION

All nuclear business in Japan is run by private companies. Theoretically, some Research and Development activities such as those conducted by the former Japan Nuclear Cycle Development Institute or the former Japan Atomic Energy Research Institute (now consolidated into JAEA) could be privatized. However, no such motion has yet been initiated.

## HUMAN RESOURCES

<i>Government</i>	NISA (808 employees; 369 of which are inspectors)
	NSC (110 employees)
	MEXT (90 employees)
<i>Supporting Organizations</i>	JNES (450; 100 of which are inspectors)
	JAEA (210; primarily researchers)

## RELATIONS WITH THE NRC

### *Provision of Safety Assistance*

Japan is one of NRC's most active safety partners, with almost daily information exchanges occurring. On a more formal level, the NISA and NRC hold an annual meeting on nuclear safety regulatory matters.

### *Bilateral Arrangements and Agreements*

Japan was one of the NRC's first bilateral partners, having signed a trilateral arrangement in May 1974. They have continued to be an important collaborative partner in sharing safety information and confirmatory safety research. Today, the NRC maintains bilateral arrangements for the exchange of technical information with METI and MEXT. The 5-year NRC umbrella arrangement with NISA, which serves as the basis for the agreements with METI and MEXT was most recently renewed in September 2010 and May 2010, respectively. Chairman Jaczko and NISA Deputy Director General Nakamura signed a 5-year extension of the NRC-METI Arrangement during the September 2010 IAEA General Conference.

### *Commission Visits*

Oct 2010 – Commissioner Svinicki  
Sep 2010 – Commissioner Magwood  
Dec 2009 – Commissioner Klein  
May 2009, April 2008 – Commissioner Lyons  
May 2007, June 2005 – Commissioner Jaczko  
April 2007 – Chairman Klein  
Feb. 2007, Nov. 2004, April 2002 - Commissioner Merrifield  
April 2004 - Chairman Diaz

### *Foreign Assignees*

Japan's regulatory and research institutions have been actively involved in NRC's Foreign Assignee Program. Typically, NRC has hosted one to two assignees for up to 12 months, every year for the last few years. Currently, Mr. Nagai, is assigned to the Office of Nuclear Reactor Regulation for a 12-month period.

## NRC LICENSED EXPORTS

Title 10 of the *Code of Federal Regulations* Part 110, Export and Import of Nuclear Equipment and Material, was amended in May 2003 to issue a general license for the import of major reactor components for end-use at NRC licensed reactors. As a result, Mitsubishi Heavy Industries (MHI) is now among the companies supplying reactor vessel closure heads (RVCH) as well as control rod drive mechanisms to several U.S. reactors. When a U.S. utility purchases a RVCH from MHI, the Japanese Government may notify the U.S. State Department and ask that this equipment be placed under the terms of the U.S.-Japan Agreement for Cooperation (123 Agreement). The U.S. utility would then be contacted and advised that when the Japanese-supplied RVCH is installed in the reactor, the utility will be responsible for tracking and accounting for the nuclear material used in or produced through the use of that reactor as "Japanese-obligated."

## NUCLEAR REGULATORY AUTHORITY LIST OF PRINCIPALS

### NISA

Director General: Mr. Nobuaki Terasaka  
Deputy Director General: Mr. Koichi Nakamura

### JNES

President: Mr. Katsuhiko Sogabe  
Vice President: Mr. Yoshihiro Nakagome

### NSC

Chairman: Dr. Haruki Madarame (area: fluid and thermo engineering)  
Commissioner: Dr. Yutaka Kukita (expertise: reactor thermal engineering)  
Commissioner: Dr. Shizuyo Kusumi (area: radiation medicine)  
Commissioner: Mr. Osamu Oyamada (expertise reactor structural engineering)  
Commissioner: Dr. Seiji Shiroya (expertise: nuclear reactor physics and engineering)

### MEXT

Director General: Mr. Yasutaka Moriguchi, Science and Technology Policy Bureau  
Deputy Director-General: Mr. Itaru Watanabe, Executive-Director for Nuclear Safety

### JAEA

President: Mr. Atsuyuki Suzuki

**Doane, Margaret**

---

**From:** Turner, James A (Beijing) [TurnerJA2@state.gov]  
**Sent:** Monday, March 14, 2011 11:56 PM  
**To:** Foggie, Kirk; Doane, Margaret  
**Cc:** Thomas, Erica K. (Beijing); Vose, Tahra L (Beijing); Shi, Wen-Ming (Beijing)  
**Subject:** RE: China NNSA Request for Information on NRC Role in Japan

Also,

(b)(5)

Best,

Austin

SBU

This email is UNCLASSIFIED.

---

**From:** Foggie, Kirk [mailto:Kirk.Foggie@nrc.gov]  
**Sent:** Tuesday, March 15, 2011 11:07 AM  
**To:** Turner, James A (Beijing); Doane, Margaret  
**Cc:** Thomas, Erica K. (Beijing); Vose, Tahra L (Beijing); Shi, Wen-Ming (Beijing)  
**Subject:** Re: China NNSA Request for Information on NRC Role in Japan

Austin,

I'm on a plane headed to Tokyo. If Margie approves, I can provide you this information at the first connection.

Kirk

Sent from Blackberry.

---

**From:** Turner, James A (Beijing) <TurnerJA2@state.gov>  
**To:** Foggie, Kirk; Doane, Margaret  
**Cc:** Thomas, Erica K. (Beijing) <ThomasEK@state.gov>; Vose, Tahra L (Beijing) <VoseTL2@state.gov>; Shi, Wen-Ming (Beijing) <ShiWM@state.gov>  
**Sent:** Mon Mar 14 21:39:21 2011  
**Subject:** China NNSA Request for Information on NRC Role in Japan

Kirk and Margaret:

(b)(5)

(b)(5)

We hope everything is going well during this challenging time.

Best,

Austin

U.S. Nuclear Regulatory Commission Assistance: NRC is closely monitoring the situation and coordinating with interagency partners in Washington, D.C. In addition, two senior nuclear experts are serving on the DART in Japan, providing technical advice regarding boiling water nuclear reactors and coordinating information sharing between Japanese and U.S. authorities. The USAID Response Management Team (RMT) has two NRC representatives supporting the 24-7 response from Washington, D.C.

J. Austin Turner 涂杰熙  
Second Secretary 二等秘书  
Environment, Science, Technology, Health 环保科技卫生处  
US Embassy Beijing 美国驻华大使馆  
Phone: (8610)-8531-4792 电话  
Cell: (b)(6)  
Email: [TurnerJA2@state.gov](mailto:TurnerJA2@state.gov) 电子

SBU  
This email is UNCLASSIFIED.

**Doane, Margaret**

---

**From:** Ramsey, Jack  
**Sent:** Tuesday, March 15, 2011 12:03 AM  
**To:** Doane, Margaret; Casto, Chuck  
**Subject:** Fw: Draft Charter (Rev 1) for Japan  
**Attachments:** Charter Rev 1.docx

Margie - per our discussion. Jack

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

**From:** Ramsey, Jack  
**To:** Mamish, Nader; Doane, Margaret; Henderson, Karen  
**Cc:** LIA03 Hoc; LIA02 Hoc  
**Sent:** Mon Mar 14 16:12:11 2011  
**Subject:** Draft Charter (Rev 1) for Japan

This replaces Rev 0.

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

**From:** Ramsey, Jack  
**Sent:** Monday, March 14, 2011 2:13 PM  
**To:** Mamish, Nader; Doane, Margaret; Henderson, Karen  
**Subject:** Draft Charter for Japan  
**Importance:** High

Attached please find the initial draft (Rev 0) of a charter for the team going to Japan.

**Doane, Margaret**

---

**From:** Turner, James A (Beijing) [TurnerJA2@state.gov]  
**Sent:** Tuesday, March 15, 2011 12:04 AM  
**To:** Doane, Margaret; Foggie, Kirk  
**Cc:** Thomas, Erica K. (Beijing); Vose, Tahra L (Beijing); Shi, Wen-Ming (Beijing)  
**Subject:** RE: China NNSA Request for Information on NRC Role in Japan

Margie:

Thanks for the quick reply.

Kirk:

Stella now wants us to give your cell phone number to her. If you agree, we will provide.

Best,

Austin

SBU  
This email is UNCLASSIFIED.

---

**From:** Doane, Margaret [mailto:[Margaret.Doane@nrc.gov](mailto:Margaret.Doane@nrc.gov)]  
**Sent:** Tuesday, March 15, 2011 11:52 AM  
**To:** Foggie, Kirk; Turner, James A (Beijing)  
**Cc:** Thomas, Erica K. (Beijing); Vose, Tahra L (Beijing); Shi, Wen-Ming (Beijing)  
**Subject:** Re: China NNSA Request for Information on NRC Role in Japan

(b)(5)

Margie

Sent from an NRC Blackberry  
Margaret Doane

---

**From:** Foggie, Kirk  
**To:** 'TurnerJA2@state.gov' <[TurnerJA2@state.gov](mailto:TurnerJA2@state.gov)>; Doane, Margaret  
**Cc:** 'ThomasEK@state.gov' <[ThomasEK@state.gov](mailto:ThomasEK@state.gov)>; 'VoseTL2@state.gov' <[VoseTL2@state.gov](mailto:VoseTL2@state.gov)>; 'ShiWM@state.gov' <[ShiWM@state.gov](mailto:ShiWM@state.gov)>  
**Sent:** Mon Mar 14 23:06:42 2011  
**Subject:** Re: China NNSA Request for Information on NRC Role in Japan

Austin,

I'm on a plane headed to Tokyo. If Margie approves, I can provide you this information at the first connection.

Kirk  
Sent from Blackberry.

---

**From:** Turner, James A (Beijing) <TurnerJA2@state.gov>  
**To:** Foggie, Kirk; Doane, Margaret  
**Cc:** Thomas, Erica K. (Beijing) <ThomasEK@state.gov>; Vose, Tahra L (Beijing) <VoseTL2@state.gov>; Shi, Wen-Ming (Beijing) <ShiWM@state.gov>  
**Sent:** Mon Mar 14 21:39:21 2011  
**Subject:** China NNSA Request for Information on NRC Role in Japan

Kirk and Margaret:

(b)(5)

We hope everything is going well during this challenging time.

Best,

Austin

U.S. Nuclear Regulatory Commission Assistance: NRC is closely monitoring the situation and coordinating with interagency partners in Washington, D.C. In addition, two senior nuclear experts are serving on the DART in Japan, providing technical advice regarding boiling water nuclear reactors and coordinating information sharing between Japanese and U.S. authorities. The USAID Response Management Team (RMT) has two NRC representatives supporting the 24-7 response from Washington, D.C.

J. Austin Turner 涂杰熙  
Second Secretary 二等秘书  
Environment, Science, Technology, Health 环保科技卫生处  
US Embassy Beijing 美国驻华大使馆  
Phone: (8610)-8531-4792 电话  
Cell: (b)(6)  
Email: [TurnerJA2@state.gov](mailto:TurnerJA2@state.gov) 电子

SBU  
This email is UNCLASSIFIED.

**Doane, Margaret**

---

**From:** LIA02 Hoc  
**Sent:** Tuesday, March 15, 2011 7:06 AM  
**To:** LIA02 Hoc; Doane, Margaret; Mamish, Nader; Dembek, Stephen; Owens, Janice; Schwartzman, Jennifer; Ramsey, Jack; Fragoyannis, Nancy; Henderson, Karen; Abrams, Charlotte; Emche, Danielle  
**Cc:** ShafferMr@state.gov  
**Subject:** RE: Transition Update - Tuesday, March 15 - 7am Shift Change

Correction: Call HOOs at **301-816-5100** for "UK-Canada" call at 0930

---

**From:** LIA02 Hoc  
**Sent:** Tuesday, March 15, 2011 6:51 AM  
**To:** Doane, Margaret; Mamish, Nader; Dembek, Stephen; Owens, Janice; Schwartzman, Jennifer; Ramsey, Jack; Fragoyannis, Nancy; Henderson, Karen; Abrams, Charlotte; Emche, Danielle  
**Cc:** 'ShafferMr@state.gov'  
**Subject:** Transition Update - Tuesday, March 15 - 7am Shift Change

**Information from Overnight for 7am Transition**

1. **0930 Teleconference with the UK and Canada.** This will be a follow-up to yesterday's call. We have confirmed participation from the Canadian Mission in Vienna, Canadian Nuclear Safety Commission, UK Health and Safety Executive (HSE). NRC staff needs to call into the HOOs to be connected to the bridge line (301-415-5100). At least one member of the RST and PMT, plus an international liaison should be on the call (RST, PMT and HOOs are aware of the call). FYI, Mike Case led a 0400 call with HSE, updating them to what we knew (at that point).
2. **Call with NISA.** At 0200, NRC Reactor Safety Team led by Mike Case and Chris Miller spoke with Mr. Ney from the Japanese Nuclear and Industrial Safety Agency (NISA – Japanese regulator) as well as representatives from the Japanese Ministry of Foreign Affairs and Japanese Embassy in Washington DC. Conclusions from the RST was that NISA did not provide any new information and that their information may not have been current. NISA noted they would seek additional NRC assistance on mitigating the issues at Fukushima Daiichi Units 1, 2 and 3. RST noted NRC personnel (Trapp and Ulses) were already in Japan and additional experts are on the way and arriving at approx. 9am Wednesday morning (Japan-time). NRC requested to setup regular follow-up calls, but NISA declined due to uncertainties about the future. They provided two phone numbers for NRC to reach them: 813-3501-5926 or 813-3501-1087. NRC staff noted they are here to assist in anyway and provided phone numbers for the Ops Center and Jim Trapp.
3. **DTRA Coordination on pumps.** DTRA is providing four diesel generating pumps to the site. DTRA is working with TEPCO to arrange delivery. Our PST staff verified that the generators would be useful at this point. POC at DTRA is Alex Robinson (phone number changes often; as of 5am EST it was DSN 315-225-4225. Another contact number is DSN 315 225-3397 - to call a DSN number, call the DTRA Watch Office at 703-767-2000 and indicate you are calling from a civilian phone and ask to be patched in to the DSN extension provided and ask for Alex Robinson). Mr. Robinson's email address is [redacted] (b)(6)
4. **Trapp and Ulses Status.** Tony Ulses has been embedded with Ambassador Roos response team. Jim Trapp is at Embassy-Tokyo.
5. **Interagency Call.** No time currently scheduled for the next call. Last call was at 2330 on 14 March (Monday)
6. **NRC Press release.** NRC will release a press release ("NRC Provides Protective Action Recommendations to State Department") following DOS releasing their own. [redacted]

[redacted] (b)(5)

BV/90



7. **Other Countries Recommendations for their Citizens in Japan.** France and Germany have already advised their citizens to leave Japan (see Haaretz.com press release) located at LIA02 Desk.
8. **NRC travelers.** Information on NRC travelers (flights, hotel, contact info) is taped to International Liaison Desk. FYI, all travelers but Casto will arrive in Tokyo at approximately 9:10AM Japan time-Wednesday (8:10PM Washington-time - Tuesday). We've requested the missing BB numbers from OIS. Please update as necessary.

Good Luck,  
Eric, Elizabeth & Nancy

**Doane, Margaret**

---

**From:** Doane, Margaret  
**Sent:** Tuesday, March 15, 2011 8:21 AM  
**To:** LIA10 Hoc  
**Cc:** Fragoyannis, Nancy  
**Subject:** Phone call from France

Good morning. I received a call from France, Mr. Cyril Pinel with their MOFA. He used to be in ASN, Dir. of International Affairs and Lacoste's assistant. I left a message for him to call you guys. He'd like to set up a meeting to exchange technical information.

Margie

**From:** LIA10 Hoc  
**Sent:** Monday, March 14, 2011 2:49 PM  
**To:** Doane, Margaret  
**Subject:** Your Ops Center Schedule

Margie:

You are scheduled to work in the OPS Center on the following shifts:

Tuesday March 15: 7:00 am to 3:00 pm  
Wednesday March 16: 7:00 am to 3:00 pm  
Thursday March 17: 7:00 am to 3:00 pm  
Friday March 18: 7:00 am to 3:00 pm

Thank you.

Steve Baker

**Doane, Margaret**

---

**From:** Doane, Margaret  
**Sent:** Tuesday, March 15, 2011 8:29 AM  
**To:** Tomlinson, John; Tracy, Glenn  
**Subject:** RE: Lunch on 3/16?

Hi John, Japan tragedy trumps for me. I could use a good meal, but I'm on shift in the Ops Center at that time. Best to both of you, sorry to miss the lunch,  
Margie

**From:** Tomlinson, John  
**Sent:** Monday, March 14, 2011 8:53 AM  
**To:** Doane, Margaret; Tracy, Glenn  
**Subject:** Lunch on 3/16?

Are we still on for lunch or does Japan tragedy trump it?

John E. Tomlinson  
NRC Headquarters Consultant  
Office of Nuclear Security/Incident Response  
O) 301-415-0071 - direct line  
C) (b)(6)

**Doane, Margaret**

---

**From:** Fragoyannis, Nancy  
**Sent:** Tuesday, March 15, 2011 9:07 AM  
**To:** Doane, Margaret; Schwartzman, Jennifer  
**Subject:** FW: Task force

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

**From:** Goorevich, Richard [<mailto:Richard.Goorevich@nnsa.doe.gov>]  
**Sent:** Tuesday, March 15, 2011 7:28 AM  
**To:** Fragoyannis, Nancy  
**Subject:** Re: Task force

Ok. Ill talk with him.

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

**From:** Fragoyannis, Nancy <[Nancy.Fragoyannis@nrc.gov](mailto:Nancy.Fragoyannis@nrc.gov)>  
**To:** Goorevich, Richard  
**Cc:** Doane, Margaret <[Margaret.Doane@nrc.gov](mailto:Margaret.Doane@nrc.gov)>; Schwartzman, Jennifer <[Jennifer.Schwartzman@nrc.gov](mailto:Jennifer.Schwartzman@nrc.gov)>; Williams, Shawn <[Shawn.Williams@nrc.gov](mailto:Shawn.Williams@nrc.gov)>; Virgilio, Martin <[Martin.Virgilio@nrc.gov](mailto:Martin.Virgilio@nrc.gov)>  
**Sent:** Tue Mar 15 01:49:17 2011  
**Subject:** Task force

Rich,

(b)(5)

(b)(5) Marty will be contacting Denny to advise him that he is unable to attend the meeting and the US position.

Thanks,

Nancy

Nancy Fragoyannis  
Sent from NRC Blackberry

(b)(6)

**Doane, Margaret**

---

**From:** Fragoyannis, Nancy  
**Sent:** Tuesday, March 15, 2011 9:16 AM  
**To:** LIA02 Hoc; Mamish, Nader; Doane, Margaret; Dembek, Stephen; Owens, Janice; Schwartzman, Jennifer; Ramsey, Jack; Henderson, Karen; Abrams, Charlotte; Emche, Danielle  
**Cc:** ShafferMr@state.gov  
**Subject:** RE: Transition Update - Tuesday, March 15 - 7am Shift Change

This is just an update on OIP activities throughout the evening/morning. Status of reactors is provided by the RST. The document below is used for turnover to OIP staff and quick reference.

Nancy

---

**From:** LIA02 Hoc  
**Sent:** Tuesday, March 15, 2011 7:25 AM  
**To:** Mamish, Nader; Doane, Margaret; Dembek, Stephen; Owens, Janice; Schwartzman, Jennifer; Ramsey, Jack; Fragoyannis, Nancy; Henderson, Karen; Abrams, Charlotte; Emche, Danielle  
**Cc:** ShafferMr@state.gov  
**Subject:** RE: Transition Update - Tuesday, March 15 - 7am Shift Change

**Update: As of 7am, per Tony Ulses email, DOS is reevaluating sending out the press release concerning evacuation after receiving new information from NISA stating that the pressure vessel and containment has not failed in Unit 2.**

---

**From:** Mamish, Nader  
**Sent:** Tuesday, March 15, 2011 7:16 AM  
**To:** LIA02 Hoc; Doane, Margaret; Dembek, Stephen; Owens, Janice; Schwartzman, Jennifer; Ramsey, Jack; Fragoyannis, Nancy; Henderson, Karen; Abrams, Charlotte; Emche, Danielle  
**Cc:** ShafferMr@state.gov  
**Subject:** RE: Transition Update - Tuesday, March 15 - 7am Shift Change

Well done – thanks for your efforts!

---

**From:** LIA02 Hoc  
**Sent:** Tuesday, March 15, 2011 6:51 AM  
**To:** Doane, Margaret; Mamish, Nader; Dembek, Stephen; Owens, Janice; Schwartzman, Jennifer; Ramsey, Jack; Fragoyannis, Nancy; Henderson, Karen; Abrams, Charlotte; Emche, Danielle  
**Cc:** ShafferMr@state.gov  
**Subject:** Transition Update - Tuesday, March 15 - 7am Shift Change

#### **Information from Overnight for 7am Transition**

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noted they would seek additional NRC assistance on mitigating the issues at Fukushima Daiichi Units 1, 2 and 3. RST noted NRC personnel (Trapp and Ulses) were already in Japan and additional experts are on the way and arriving at approx. 9am Wednesday morning (Japan-time). NRC requested to setup regular follow-up calls, but NISA declined due to uncertainties about the future. They provided two phone numbers for NRC to reach them: 813-3501-5926 or 813-3501-1087. NRC staff noted they are here to assist in anyway and provided phone numbers for the Ops Center and Jim Trapp.

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(b)(5)
7. **Other Countries Recommendations for their Citizens in Japan.** France and Germany have already advised their citizens to leave Japan (see Haaretz.com press release) located at LIA02 Desk.
8. **NRC travelers.** Information on NRC travelers (flights, hotel, contact info) is taped to International Liaison Desk. FYI, all travelers but Casto will arrive in Tokyo at approximately 9:10AM Japan time-Wednesday (8:10PM Washington-time - Tuesday). We've requested the missing BB numbers from OIS. Please update as necessary.

Good Luck,  
Eric, Elizabeth & Nancy

Doane, Margaret

---

**From:** Thomas Magette [TEMAGETTE@energysolutions.com]  
**Sent:** Tuesday, March 15, 2011 10:16 AM  
**To:** Doane, Margaret  
**Subject:** Fukushima Daiigi Support

Margie:

I understand that TEPCO officials have asked the NRC for assistance regarding water processing. Without knowing details and recognizing that water clean-up may be a ways down the priority list given what is happening, I am offering assistance from *EnergySolutions* if and when that would be appropriate. Liquid waste processing is a core strength of ours and is a service we provide in over 50 domestic nuclear power plants. We are prepared to offer technical assistance in the form of expertise or equipment if asked.

Please feel free to pass this message along or contact me if we can help.

Tom

Thomas E. Magette, P.E.  
Senior Vice President  
Nuclear Regulatory Strategy  
*EnergySolutions*  
Washington, DC

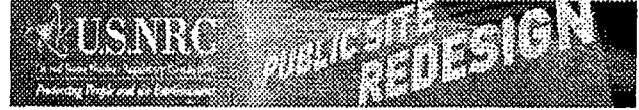
(240) 565-6148 - Columbia Ofc

(b)(6) - Cell

Doane, Margaret

**From:** NRC Announcement [nrc.announcement@nrc.gov]  
**Sent:** Tuesday, March 15, 2011 9:36 AM  
**To:** NRC Announcement  
**Subject:** From the Chairman: Events in Japan

**NRC Daily  
Announcements**



**> From the Chairman: Events in Japan**

**From the Chairman: Events in Japan**

By now I am sure that most of you are aware of the tragic earthquake and tsunami that struck Japan last week, killing thousands of people, destroying cities and infrastructure, and knocking out large portions of the electricity grid.

I am so proud of our staff and the dedication and tenacity they have shown during the tragic events of the past several days. NRC employees have been willingly working around the clock, and their energy, experience and expertise have been invaluable to our response. Those of you who have not directly been involved in this effort are playing just as valuable a role in making sure that the facilities we license are safe and secure.

The natural disasters in Japan—and the resulting situations at the Fukushima nuclear power plant—are sobering in their size and scope. It's easy to become distracted by the stories and images of devastation and destruction. The best thing we can do in this situation is to make sure we remain mindful of our responsibilities for the safety and security of our existing nuclear plants and materials, and to keep our focus where it must always be—on our mission. I continue to appreciate your dedication to ensure the safety and security of the American people.



(2011-03-15 00:00:00.0)

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**Doane, Margaret**

---

**From:** Doane, Margaret  
**Sent:** Tuesday, March 15, 2011 12:03 PM  
**To:** Dembek, Stephen; Mamish, Nader; Ramsey, Jack  
**Subject:** Re: Your Ops Center Schedule

Thanks Steve

Sent from an NRC Blackberry  
Margaret Doane

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

**From:** Dembek, Stephen  
**To:** Doane, Margaret; Mamish, Nader; Ramsey, Jack  
**Sent:** Tue Mar 15 08:49:22 2011  
**Subject:** RE: Your Ops Center Schedule

Ok, just let me know when you'd like to switch. I'll see you before 3pm today, but I'll be in in the office by 1pm so if you need me to take over sooner, let me know.

Steve

---

**From:** Doane, Margaret  
**Sent:** Tuesday, March 15, 2011 8:18 AM  
**To:** Dembek, Stephen; Mamish, Nader; Ramsey, Jack  
**Subject:** FW: Your Ops Center Schedule

Good morning gentlemen,  
This 7:00 shift is not going to be easy for me. Last night I was there until 1:00, so getting back up to get here at 7:00 is difficult. I may need to switch here and there.  
Thanks.  
Margie

**From:** LIA10 Hoc  
**Sent:** Monday, March 14, 2011 2:49 PM  
**To:** Doane, Margaret  
**Subject:** Your Ops Center Schedule

Margie:

You are scheduled to work in the OPS Center on the following shifts:

Tuesday March 15: 7:00 am to 3:00 pm  
Wednesday March 16: 7:00 am to 3:00 pm  
Thursday March 17: 7:00 am to 3:00 pm  
Friday March 18: 7:00 am to 3:00 pm

Thank you.

Steve Baker

**Doane, Margaret**

---

**From:** Doane, Margaret  
**Sent:** Tuesday, March 15, 2011 12:52 PM  
**To:** Bradford, Anna; Mamish, Nader  
**Subject:** Re: OIP Most Recent Analysis

Anna please cc: Nader on any response.  
Thanks.  
Margie

Sent from an NRC Blackberry  
Margaret Doane

----- Original Message -----  
From: Doane, Margaret  
To: Bradford, Anna  
Sent: Tue Mar 15 12:46:15 2011  
Subject: Fw: OIP Most Recent Analysis

Here's the string.  
We then copied the three things he found important with my edit and gave the original analysis and used it as guidance.  
Margie

Sent from an NRC Blackberry  
Margaret Doane

----- Original Message -----  
From: Jaczko, Gregory  
To: Doane, Margaret  
Cc: Borchardt, Bill; Brenner, Eliot  
Sent: Sun Mar 13 10:50:40 2011  
Subject: RE: OIP Most Recent Analysis

thanks. [redacted] (b)(5)

[redacted] (b)(5)

---

From: Doane, Margaret  
Sent: Sunday, March 13, 2011 10:46 AM  
To: Jaczko, Gregory  
Cc: Borchardt, Bill; Brenner, Eliot  
Subject: Re: OIP Most Recent Analysis

[redacted] (b)(5)

Tony is still in transit to Tokyo as of an hour ago. I'll check and confirm.  
Margie

Sent from an NRC Blackberry

Margaret Doane

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

From: Jaczko, Gregory

To: Doane, Margaret

Cc: Borchardt, Bill; Brenner, Eliot

Sent: Sun Mar 13 10:28:19 2011

Subject: RE: OIP Most Recent Analysis

thank you margie. can you confirm that tony is in contact with his counterparts?

(b)(5)

eliot please be advised of the points in 1,2,3 \_\_\_\_\_

From: Doane, Margaret

Sent: Sunday, March 13, 2011 10:20 AM

To: Jaczko, Gregory

Cc: Borchardt, Bill

Subject: OIP Most Recent Analysis

(b)(5)

Call if you'd like to discuss. I'm at home.

(b)(6)

Sent from an NRC Blackberry  
Margaret Doane

**Doane, Margaret**

---

**From:** Henderson, Karen  
**Sent:** Tuesday, March 15, 2011 1:55 PM  
**To:** Doane, Margaret  
**Subject:** note to your Japanese counterpart

*Dear Mr. XXX,*

(b)(5)

*Dr. Karen Henderson  
Senior Level Foreign Policy Advisor  
Office of International Programs  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555  
Tel: 301.415.0202  
Fax: 301.415.2395  
Email: [Karen.Henderson@nrc.gov](mailto:Karen.Henderson@nrc.gov)*

**Doane, Margaret**

---

**From:** Doane, Margaret  
**Sent:** Tuesday, March 15, 2011 2:19 PM  
**To:** Dembek, Stephen  
**Subject:** FW: OIP Analysis no2.docx  
**Attachments:** OIP Analysis no2.docx

Guidance

**From:** Doane, Margaret  
**Sent:** Tuesday, March 15, 2011 1:46 PM  
**To:** Mamish, Nader  
**Subject:** FW: OIP Analysis no2.docx

It's attached.

**From:** Doane, Margaret  
**Sent:** Tuesday, March 15, 2011 12:02 PM  
**To:** Bradford, Anna  
**Subject:** Fw: OIP Analysis no2.docx

Hi Anna. This analysis was drafted based on advice of those who have first-hand working knowledge of Japan and with the experience of the most seasoned international relations specialists. I also cleared with the EDO.

On Sunday I had sent the first analysis to the Chairman and he came up with three things he took from the guidance. That proved very helpful for all of us. This is our second analysis to reflect the team going over.

I put the three things to keep in mind up front.

Would you like to see the first guidance and the Chairman's reply?

Thanks so much for reviewing.

Margie

Sent from an NRC Blackberry  
Margaret Doane

---

**From:** Doane, Margaret  
**To:** Batkin, Joshua; Coggins, Angela  
**Sent:** Mon Mar 14 19:38:24 2011  
**Subject:** OIP Analysis no2.docx

Hi Josh and Angela,

(b)(5)

Do you have any views.  
Margie

OIP Analysis/Sensitivity Guidance No. 2

(b)(5)

**Doane, Margaret**

---

**From:** Wittick, Brian  
**Sent:** Tuesday, March 15, 2011 2:03 PM  
**To:** Wittick, Susan; OIP Distribution  
**Subject:** FW: Launch of FAQ Related to Events Occuring in Japan

**Importance:** High

Please note the below link to FAQ data. Please share as necessary.

Brian Wittick  
Executive Technical Assistant for Reactors  
Office of the Executive Director for Operations  
U.S. Nuclear Regulatory Commission  
301-415-2496 (w) (b)(6) (c)

---

**From:** Nguyen, Quynh  
**Sent:** Tuesday, March 15, 2011 1:16 PM  
**To:** Thomas, Eric; Sigmon, Rebecca; Powell, Amy; Riley (OCA), Timothy; Browder, Rachel; Erickson, Randy; Tift, Doug; McNamara, Nancy; Trojanowski, Robert; Woodruff, Gena; Barker, Allan; Logaras, Herral; Maier, Bill  
**Cc:** Stone, Rebecca; Westreich, Barry; Scales, Kerby; Leeds, Eric; Boger, Bruce; Grobe, Jack; Diec, David; Deegan, George; Williams, Donna; Rini, Brett; Wittick, Brian; Andersen, James; Brenner, Eliot; Couret, Ivonne; Burnell, Scott; Harrington, Holly; Azeem, Almas; Cartwright, William; Cusumano, Victor; Heida, Bruce; Mahoney, Michael; Meighan, Sean; Nguyen, Quynh; Roquecruz, Carla; Susco, Jeremy; Titus, Brett; Valentine, Nicholee; Wertz, Trent; Bahadur, Sher; Blount, Tom; Brown, Frederick; Cheok, Michael; Evans, Michele; Galloway, Melanie; Giitter, Joseph; Givvines, Mary; Hiland, Patrick; Holian, Brian; Howe, Allen; Lee, Samson; Lubinski, John; Lund, Louise; McGinty, Tim; Nelson, Robert; Quay, Theodore; Ruland, William; Skeen, David  
**Subject:** Launch of FAQ Related to Events Occuring in Japan  
**Importance:** High

All,

Per Eric Leeds' request and working closely with NSIR and OPA...

The below SharePoint link is the location of our INTERNAL USE ONLY activities regarding the Japan Events and the effects on their nuclear operations. Again, NO PUBLIC RELEASE of any documents.

Given lessons learned from 9-11, we want to **ensure clear, concise messages in alignment with the Chairman and focus of our safety mission in the United States**. To this end, we established this SharePoint as a centralized location to collect our questions from stakeholders and our draft responses. These draft responses will be vetted by OPA and once approved by OPA – it is OK for use by the staff to answer questions from stakeholders.

As such, please understand that, while we are doing our best to be timely with the most up-to-date information, it is more important to ensure accurate information is being posted.

<http://portal.nrc.gov/edo/nrr/NRR%20TA/FAQ%20Related%20to%20Events%20Occuring%20in%20Japan/Forms/AllItems.aspx>

Note: "Chairman JaczkoQA7\_031511" contains parts that are PUBLIC and additional information for NRC staff.

All correspondence to the public should be directed to our Office of Public Affairs (OPA)

Additionally, if questions arise out of the Region, please let us know. We'll do our best to coordinate the answer and ensure that we get OPA's blessing.

Thank you for all your support during this time and understanding!

POC:

Quynh Nguyen (301) 415-5844; BlackBerry

(b)(6)

Sean Meighan (301) 415-1020



**Doane, Margaret**

---

**From:** Doane, Margaret  
**Sent:** Tuesday, March 15, 2011 2:26 PM  
**To:** Dembek, Stephen  
**Subject:** OIP Analysis no.1.docx  
**Attachments:** OIP Analysis no.1.docx

First Guidance

**Doane, Margaret**

---

**From:** Doane, Margaret  
**Sent:** Tuesday, March 15, 2011 8:31 PM  
**To:** Foggie, Kirk; Smith, Brooke  
**Subject:** Are you guys ok?

Hope you're on the ground and all is well.  
Margie

Sent from an NRC Blackberry  
Margaret Doane

**Doane, Margaret**

---

**From:** LIA03 Hoc  
**Sent:** Tuesday, March 15, 2011 8:32 PM  
**To:** OIP Distribution  
**Subject:** Long-term Staffing for the Op Center  
**Attachments:** LongTerm-International Liaison Schedule.docx

All,  
Your time and assistance at the Operation Center is greatly appreciated.

As the result of a meeting between OIP and EDO management, there is a rough plan of attack as to how we'll move forward in keeping the international liaison desks staffed. It was decided that OIP will staff our desks here until April 15 (unless directed otherwise). The current thought is to keep 2 staff and 1 manager on-hand for each shift (same 7a-3p, 3p-11p and 11p-7a shifts). We are open to ideas about the best ways to break up the days to keep some continuity (the same person being on the same shift for a couple days in a row). Please see the attachment for a **DRAFT** of the staffing plan, it would be the same each week. If/when two staff, is no longer necessary, we can adjust as needed. Management/SLs have not yet worked out their coverage.

Regarding our time spent in the Operation Center, we are getting a waiver for the bi-weekly cap on compensation but will still have to meet the annual requirements.

Brooke and Kirk may be in Japan for up to two weeks and upon their return, OIP may need to send replacement staff for on-the-ground coverage in Japan (potential dispatch March 28). We need to think about how replacements may be well-briefed and who they might be.

Your thoughts would be greatly appreciated as we establish a schedule for the next month.

Thanks for your service and dedication!  
-Lia02 and Lia03

## Long-Term International Liaison Coverage

### MONDAY

	Manager/SL	Staff
7:00a-3:00p		Mugeh/Skip
3:00p-11:00p		Danielle/Jen
11:00p-7:00a		Andrea/Eric

### TUESDAY

	Manager/SL	Staff
7:00a-3:00p		Mugeh/Skip
3:00p-11:00p		Danielle/Jen
11:00p-7:00a		Andrea/Eric

### WEDNESDAY

	Manager/SL	Staff
7:00a-3:00p		Mugeh/Skip
3:00p-11:00p		Danielle/Jen
11:00p-7:00a		Andrea/Eric

### THURSDAY

	Manager/SL	Staff
7:00a-3:00p		Lance/Steve
3:00p-11:00p		Jenny/Elizabeth
11:00p-7:00a		Brian/Lauren

### FRIDAY

	Manager/SL	Staff
7:00a-3:00p		Lance/Steve
3:00p-11:00p		Jenny/Elizabeth
11:00p-7:00a		Brian/Lauren

### SATURDAY

	Manager/SL	Staff
7:00a-3:00p		Danielle/Jen
3:00p-11:00p		Andrea/Eric
11:00p-7:00a		Jenny/Elizabeth

### SUNDAY

	Manager/SL	Staff
7:00a-3:00p		Danielle/Jen
3:00p-11:00p		Andrea/Eric
11:00p-7:00a		Jenny/Elizabeth

**Doane, Margaret**

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**From:** Emche, Danielle  
**Sent:** Tuesday, March 15, 2011 9:36 PM  
**To:** Doane, Margaret; Ramsey, Jack  
**Subject:** Re: Curious

From what I understand the embassy is providing this transportation and they will likely go to the embassy. I can call Jim and check. On the call he said the embassy has provided and "transportation is not an issue."

Danielle

Sent from an NRC BlackBerry.

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

**From:** Doane, Margaret  
**To:** Emche, Danielle; Ramsey, Jack  
**Sent:** Tue Mar 15 21:27:30 2011  
**Subject:** Re: Curious

Not talking about from the airport. I'm thinking about to go to the location where MOFA was pairing them with their counterparts.

Also, do you guys need to talk with Chuck and Kirk and let them know all that's happened over last 24hrs.

Margie

Sent from an NRC Blackberry  
Margaret Doane

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

**From:** Doane, Margaret  
**To:** Emche, Danielle; Ramsey, Jack  
**Sent:** Tue Mar 15 21:23:58 2011  
**Subject:** Re: Curious

To where, do you know?

Sent from an NRC Blackberry  
Margaret Doane

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

**From:** Emche, Danielle  
**To:** Doane, Margaret; Ramsey, Jack  
**Sent:** Tue Mar 15 20:38:56 2011  
**Subject:** Re: Curious

It is my understanding that the embassy has arranged for a limo and Jim Trapp just confirmed this on a telecon with the ET.

Danielle

Sent from an NRC BlackBerry.

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

**From:** Doane, Margaret  
**To:** Emche, Danielle; Ramsey, Jack  
**Sent:** Tue Mar 15 20:33:39 2011

Subject: Curious

How is the team going to get to where they need to go. Is there a contact at Japan MOFA that's going to handle it?

Margie

Sent from an NRC Blackberry  
Margaret Doane

**Doane, Margaret**

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**From:** LIA02 Hoc  
**Sent:** Tuesday, March 15, 2011 11:44 PM  
**To:** LIA02 Hoc; Doane, Margaret; Mamish, Nader; Dembek, Stephen; Owens, Janice; Schwartzman, Jennifer; Ramsey, Jack; Fragoyannis, Nancy; Henderson, Karen; Abrams, Charlotte; Emche, Danielle; LIA03 Hoc; LIA10 Hoc; Tobin, Jennifer  
**Cc:** ShafferMr@state.gov  
**Subject:** RE: Transition Update - Tuesday, March 15 - 3pm Shift Change  
**Attachments:** LongTerm-International Liaison Schedule.docx

Actually, now it's attached.

---

**From:** LIA02 Hoc  
**Sent:** Tuesday, March 15, 2011 11:41 PM  
**To:** LIA02 Hoc; Doane, Margaret; Mamish, Nader; Dembek, Stephen; Owens, Janice; Schwartzman, Jennifer; Ramsey, Jack; Fragoyannis, Nancy; Henderson, Karen; Abrams, Charlotte; Emche, Danielle; LIA03 Hoc; LIA10 Hoc; Tobin, Jennifer  
**Cc:** [ShafferMr@state.gov](mailto:ShafferMr@state.gov)  
**Subject:** Transition Update - Tuesday, March 15 - 3pm Shift Change.

~~OFFICIAL USE ONLY~~

#### Information from for 11 PM Transition

1. **Latest Plant Status.** Status of Unit cooling is unclear and information from Japan has decreased exponentially. Indications from MOFA were that translations and preparing documents are too time consuming. As a result, contacts in Japan were made aware that we have translators at our full disposal and that if translation is an issue they should send what they have in Japanese. During the shift, a fire re-ignited in Unit 4. We have next to no details about the fire. Indications point to a hydrogen fire.
2. **Radiation Exposure Document.** PMT is asking for updated data. (b)(5)
3. **Japanese Translators.** The translator came tonight, Mr. Yuji Yokoyama. Mr. Tomoko Kempf will arrive tomorrow morning and International Liaisons (ILs) needs to pick him up downstairs at 8 AM. Mr. Yokoyama left off on the document on the Congressional Liaison unused desk for Mr. Kempf tomorrow morning. The task is for him to translate the pages relevant to the reactor units and the response timeline (no translation of information extraneous to this or what is already widely available to the public, nothing about the earthquake, etc.).
4. **NRC Team Status.** The "seven of nine" have arrived. Group needs to confirm receipt of dosimeters when they reach the embassy. IL needs to communicate receipt of this to [HindsLJ@state.gov](mailto:HindsLJ@state.gov). Chuck Casto is expected to arrive at 12:45 AM EDT and Richard Devercelly will arrive at 3:15 AM EDT. We understand that they will be taken to the embassy after they reach the hotel. Jim Trapp said a letter with security clearances needs to be processed immediately and sent to him and NRC security is drafting this. Their posts in Japan need to be confirmed. Mr. Bannai is the contact at NISA. This is being set up and should be followed closely with DC JNES and MOFA offices.
5. **ENAC.** The IAEA continues to post information updates on ENAC. It will stay logged-in on the LIA02 computer. Please check for periodic updates and provide to RST/PMT/ET as appropriate.
6. Questions to the Japan Meteorological Agency were asked about wind monitoring stations near the units in Fukushima-Daiichi and the response will be emailed back to [Lia02.hoc@nrc.gov](mailto:Lia02.hoc@nrc.gov).
7. Open question for desk officers to answer about "what are other countries doing/sending?"
8. **Attached is a concept for a new approach for coverage.** This responds to a request for continuity. The approach is for shifts is for shifts in blocks of three days, two days, two days, with one staff always on (all other teams on the LT are cutting back to one staff). We also proposed a back-up that is "on call" for each shift. Particular names for particular shifts can be negotiated or rearranged, the issue is more that we need to decide whether we agree to this approach.

Danielle and Jenny

~~OFFICIAL USE ONLY~~



## Long-Term International Liaison Coverage

### MONDAY- March 21, 2011

	Manager/SL	Staff
7:00a-3:00p		Mugeh/Skip
3:00p-11:00p		Danielle/Jen
11:00p-7:00a		Andrea/Eric

### TUESDAY – March 22, 2011

	Manager/SL	Staff
7:00a-3:00p		Mugeh/Skip
3:00p-11:00p		Danielle/Jen
11:00p-7:00a		Andrea/Eric

### WEDNESDAY- March 23, 2011

	Manager/SL	Staff
7:00a-3:00p		Mugeh/Skip
3:00p-11:00p		Danielle/Jen
11:00p-7:00a		Andrea/Eric

### THURSDAY – March 24, 2011

	Manager/SL	Staff
7:00a-3:00p		Lance/Steve
3:00p-11:00p		Jenny/Elizabeth
11:00p-7:00a		Brian/Lauren

### FRIDAY – March 25, 2011

	Manager/SL	Staff
7:00a-3:00p		Lance/Steve
3:00p-11:00p		Jenny/Elizabeth
11:00p-7:00a		Brian/Lauren

### SATURDAY – March 26, 2011

	Manager/SL	Staff
7:00a-3:00p		Danielle/Jen
3:00p-11:00p		Andrea/Eric
11:00p-7:00a		Jenny/Elizabeth

### SUNDAY – March 27, 2011

	Manager/SL	Staff
7:00a-3:00p		Danielle/Jen
3:00p-11:00p		Andrea/Eric
11:00p-7:00a		Jenny/Elizabeth

**MONDAY- March 28, 2011**

	Manager/SL	Staff
7:00a-3:00p		Mugeh/Skip
3:00p-11:00p		Danielle/Jen
11:00p-7:00a		Andrea/Eric

**TUESDAY – March 29, 2011**

	Manager/SL	Staff
7:00a-3:00p		Mugeh/Skip
3:00p-11:00p		Danielle/Jen
11:00p-7:00a		Andrea/Eric

**WEDNESDAY- March 30, 2011**

	Manager/SL	Staff
7:00a-3:00p		Mugeh/Skip
3:00p-11:00p		Danielle/Jen
11:00p-7:00a		Andrea/Eric

**THURSDAY – March 31, 2011**

	Manager/SL	Staff
7:00a-3:00p		Lance/Steve
3:00p-11:00p		Jenny/Elizabeth
11:00p-7:00a		Brian/Lauren

**FRIDAY – April 1, 2011**

	Manager/SL	Staff
7:00a-3:00p		Lance/Steve
3:00p-11:00p		Jenny/Elizabeth
11:00p-7:00a		Brian/Lauren

**SATURDAY – April 2, 2011**

	Manager/SL	Staff
7:00a-3:00p		Danielle/Jen
3:00p-11:00p		Andrea/Eric
11:00p-7:00a		Jenny/Elizabeth

**SUNDAY – April 3, 2011**

	Manager/SL	Staff
7:00a-3:00p		Danielle/Jen
3:00p-11:00p		Andrea/Eric
11:00p-7:00a		Jenny/Elizabeth

**MONDAY- April 4, 2011**

	Manager/SL	Staff
7:00a-3:00p		Mugeh/Skip
3:00p-11:00p		Danielle/Jen
11:00p-7:00a		Andrea/Eric

**TUESDAY – April 5, 2011**

	Manager/SL	Staff
7:00a-3:00p		Mugeh/Skip
3:00p-11:00p		Danielle/Jen
11:00p-7:00a		Andrea/Eric

**WEDNESDAY- April 6, 2011**

	Manager/SL	Staff
7:00a-3:00p		Mugeh/Skip
3:00p-11:00p		Danielle/Jen
11:00p-7:00a		Andrea/Eric

**THURSDAY – April 7, 2011**

	Manager/SL	Staff
7:00a-3:00p		Lance/Steve
3:00p-11:00p		Jenny/Elizabeth
11:00p-7:00a		Brian/Lauren

**FRIDAY – April 8, 2011**

	Manager/SL	Staff
7:00a-3:00p		Lance/Steve
3:00p-11:00p		Jenny/Elizabeth
11:00p-7:00a		Brian/Lauren

**SATURDAY – April 9, 2011**

	Manager/SL	Staff
7:00a-3:00p		Danielle/Jen
3:00p-11:00p		Andrea/Eric
11:00p-7:00a		Jenny/Elizabeth

**SUNDAY – April 10, 2011**

	Manager/SL	Staff
7:00a-3:00p		Danielle/Jen
3:00p-11:00p		Andrea/Eric
11:00p-7:00a		Jenny/Elizabeth

**MONDAY- April 11, 2011**

	Manager/SL	Staff
7:00a-3:00p		Mugeh/Skip
3:00p-11:00p		Danielle/Jen
11:00p-7:00a		Andrea/Eric

**TUESDAY – April 12, 2011**

	Manager/SL	Staff
7:00a-3:00p		Mugeh/Skip
3:00p-11:00p		Danielle/Jen
11:00p-7:00a		Andrea/Eric

**WEDNESDAY- April 13, 2011**

	Manager/SL	Staff
7:00a-3:00p		Mugeh/Skip
3:00p-11:00p		Danielle/Jen
11:00p-7:00a		Andrea/Eric

**THURSDAY – April 14, 2011**

	Manager/SL	Staff
7:00a-3:00p		Lance/Steve
3:00p-11:00p		Jenny/Elizabeth
11:00p-7:00a		Brian/Lauren

**FRIDAY – April 15, 2011**

	Manager/SL	Staff
7:00a-3:00p		Lance/Steve
3:00p-11:00p		Jenny/Elizabeth
11:00p-7:00a		Brian/Lauren

**Doane, Margaret**

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**From:** Doane, Margaret  
**Sent:** Wednesday, March 16, 2011 4:28 AM  
**To:** Foggie, Kirk; Smith, Brooke; LIA03 Hoc; Abrams, Charlotte; Ramsey, Jack  
**Cc:** Mamish, Nader  
**Subject:** Re: Other Country Response to the Japanese Emergency

(b)(5)

I know you guys are exhausted. Thank you so much for being there.  
Margie

Sent from an NRC Blackberry  
Margaret Doane

---

**From:** Foggie, Kirk  
**To:** Smith, Brooke; LIA03 Hoc; OIP Distribution  
**Sent:** Tue Mar 15 23:14:30 2011  
**Subject:** Re: Other Country Response to the Japanese Emergency

(b)(5)  
Sent from Blackberry.

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**From:** Smith, Brooke  
**To:** LIA03 Hoc; OIP Distribution  
**Sent:** Tue Mar 15 22:54:29 2011  
**Subject:** Re: Other Country Response to the Japanese Emergency

Let me and Kirk what you learn.

Sent from an NRC Blackberry.  
Brooke G. Smith

(b)(6)

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**From:** LIA03 Hoc  
**To:** OIP Distribution  
**Sent:** Tue Mar 15 17:28:55 2011  
**Subject:** Other Country Response to the Japanese Emergency

• All,

There has been interest here in the Operation Center as to how other countries are responding to the events in Japan. Please let us know if your countries are sending teams, experts or aides to Japan to help out during this time of need.

Thanks!

-Jenny

**Doane, Margaret**

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**From:** Doane, Margaret  
**Sent:** Wednesday, March 16, 2011 5:02 AM  
**To:** Bubar, Patrice; Stahl, Eric; Schwartzman, Jennifer  
**Subject:** Re: EU Reacts to Japan Nuclear Crisis

I can bring it up at the Chairman's 8:30.  
Eric can you write back a reply to Maureen.  
Thx.  
Margie

Sent from an NRC Blackberry  
Margaret Doane

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**From:** Clapper, Maureen X <ClapperMX@state.gov>  
**To:** Bubar, Patrice; Stahl, Eric; Doane, Margaret; Schwartzman, Jennifer  
**Sent:** Wed Mar 16 04:50:46 2011  
**Subject:** Fw: EU Reacts to Japan Nuclear Crisis

Excellent cable on March 15 EU energy ministers meeting in Brussels on the Japan Nuclear Crisis - outcome is to call for stress tests on european nuclear power plants. In addition, there is a meeting being held by French Parliament today with senior nuclear energy and regulatory officials (Lacoste, Bigot, Lauvergeon, and Proglie among those called to Parliament).

Can you please bring this to the attention of the Commissioners and Chairman?

Thank you,  
Maureen

Maureen Clapper  
Director, DOE Office in Paris  
DOE Energy Attaché  
US Mission to the OECD  
12, ave Raphael  
75116 Paris  
Tel: +33 (0)1 45 24 74 59  
Mobile: (b)(6)

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**From:** Waltherthum, Kimberly A  
**To:** Clapper, Maureen X  
**Sent:** Wed Mar 16 09:30:20 2011  
**Subject:** FW: EU Reacts to Japan Nuclear Crisis

This email is UNCLASSIFIED.

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**From:** SMART Core

**Sent:** Tuesday, March 15, 2011 08:15:26

Natter, John H; Huyett, Douglas B; Duran, Amelia P; Roseli, James P; Houk, Dragana (Dani); Bates, Pamela M; Dijkerman, Dirk W; Donahue, Kathleen E (Paris); Dunn, Myra H; Lewis, Andrea M;

**To:** Mezin, Zoe L; Waltherthum, Kimberly A; Monroe, William T; Christensen, Guillermo S; Clapper, Maureen X; Manz, Nicholle (USOECD); Christensen, Shane; Wade, Joseph W; James, Joe V; De Willermin, Alexandra M; MacFarlane, Alexander C; Hemmerlein, Christopher E

**Cc:** Guerin, Catherine F; Weisfelt, Romy J

**Subject:** EU Reacts to Japan Nuclear Crisis

(b)(4)



(b)(4)

(b)(4)

**Doane, Margaret**

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**From:** Doane, Margaret  
**Sent:** Wednesday, March 16, 2011 5:37 AM  
**To:** Foggie, Kirk; Smith, Brooke; Ramsey, Jack; LIA02 Hoc  
**Subject:** Re: Letter

(b)(5)

Margie

Sent from an NRC Blackberry  
Margaret Doane

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

**From:** Doane, Margaret  
**To:** Foggie, Kirk; Smith, Brooke; Ramsey, Jack; LIA02 Hoc  
**Sent:** Wed Mar 16 04:36:28 2011  
**Subject:** Letter

Below is the text. (b)(5)

(b)(5) . I'll wait for your recommendation.

+++++

(b)(5)

**Doane, Margaret**

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**From:** LIA03 Hoc  
**Sent:** Wednesday, March 16, 2011 7:07 AM  
**To:** LIA02 Hoc; LIA03 Hoc; Mamish, Nader; Doane, Margaret; Abrams, Charlotte; Young, Francis; Henderson, Karen  
**Subject:** Transition Update (11p-7am team) - Wednesday 3/16

Information was slow moving until about 1700, when call with **Chuck Casto** and ET (led by MVirgilio) started.

**Primary objectives** are to assist U.S. Ambassador with protecting US citizens and then to assist Japanese Gov't.

Casto wants to place **members of NRC delegation team** in EOC or EOF. This will be a primary objective so that the team can receive first hand information of what is actual plant status information.

**Actual plant status** still needs to be confirmed due to varying media reports (i.e. specifics on unit 2, and specifics on spent fuel pool damage at unit 4, unit 4)

(b)(5)

(b)(5)

Casto wants to develop shift schedules for **NRC team**, especially Trapp and Ulses, so to minimize team fatigue.

(b)(5)

US Embassy Conference room for **NRC delegation**, with computers for NRC delegation should be stood up by Tokyo morning time, on 3/17. This will facilitate direct briefings with Casto/Trapp and remaining NRC team. NRC team will establish active link with ET bridge, LAN line has been established at Embassy.

Fukushima plant status information reported to **IAEA** has been conflicting, thus far. So please confirm information rec'd or transmitted to IAEA.

Jim Ellis offered **INPO person** to be a part of NRC Team. MVirgilio will close this loop with Jim Ellis today.

(b)(5)

(b)(5)

Andrea

BV110

**International Liaison Coverage  
March 17-20, 2011**

**THURSDAY March 17, 2011**

	<b>Staff</b>
7:00a-3:00p	Lance/Jen
3:00p-11:00p	Eric/Danielle
11:00p-7:00a	Brian/Mugeh

**FRIDAY March 18, 2011**

	<b>Staff</b>
7:00a-3:00p	Jen/Steve Bloom
3:00p-11:00p	Jenny/Lauren
11:00p-7:00a	Elizabeth/Danielle

**SATURDAY March 19, 2011**

	<b>Staff</b>
7:00a-3:00p	Lance/Steve Bloom
3:00p-11:00p	Jenny T/Jill
11:00p-7:00a	Danielle/Jen

**SUNDAY March 20, 2011**

	<b>Staff</b>
7:00a-3:00p	Karen/Steve Baker
3:00p-11:00p	Eric/Nancy
11:00p-7:00a	Elizabeth/Jenny

**International Liaison Coverage for the NRC's Japan Disaster Response**  
**March 21-April 15, 2011**

Below you will find the schedule for OIP coverage of the Ops Center. If you cannot work a shift you are scheduled for, it is your responsibility to find a replacement. Once again, thank you for your time, effort and flexibility.

**SHIFT 1**

**MONDAY, MARCH 21**

	Staff #1	Staff #2
7:00a-3:00p	Jen S.	Charlotte
3:00p-11:00p	Danielle	Lauren
11:00p-7:00a	Eric	Mugeh

**TUESDAY, MARCH 22**

	Staff #1	Staff #2
7:00a-3:00p	Jen S.	Charlotte
3:00p-11:00p	Danielle	Lauren
11:00p-7:00a	Eric	Mugeh

**WEDNESDAY, MARCH 23**

	Staff #1	Staff #2
7:00a-3:00p	Jen S.	Charlotte
3:00p-11:00p	Danielle	Lauren
11:00p-7:00a	Eric	Mugeh

**SHIFT 2**

**THURSDAY, MARCH 24**

	Staff #1	Staff #2
7:00a-3:00p	Steve Bloom	Lance
3:00p-11:00p	Janice	Jenny
11:00p-7:00a		Elizabeth

**FRIDAY, MARCH 25**

	Staff #1	Staff #2
7:00a-3:00p	Steve Bloom	Lance
3:00p-11:00p	Janice	Jenny
11:00p-7:00a		Elizabeth

**SATURDAY, MARCH 26**

	Staff #1	Staff #2
7:00a-3:00p	Steve Bloom	Lance
3:00p-11:00p	Janice	Jenny
11:00p-7:00a		Elizabeth

**SHIFT 3**

**SUNDAY, MARCH 27**

	Staff #1	Staff #2
7:00a-3:00p	Jill	Karen
3:00p-11:00p	Nancy	
11:00p-7:00a	Steve Baker	Brian

**MONDAY, MARCH 28**

	Staff #1	Staff #2
7:00a-3:00p	Jill	Karen
3:00p-11:00p	Nancy	
11:00p-7:00a	Steve Baker	Brian

**TUESDAY, MARCH 29**

	Staff #1	Staff #2
7:00a-3:00p	Jill	Karen
3:00p-11:00p	Nancy	
11:00p-7:00a	Steve Baker	Brian

**SHIFT 4****WEDNESDAY, MARCH 30**

	Staff #1	Staff #2
7:00a-3:00p	Eric	Lauren
3:00p-11:00p	Danielle	Mugeh
11:00p-7:00a	Jen S.	Charlotte

**THURSDAY, MARCH 31**

	Staff #1	Staff #2
7:00a-3:00p	Danielle	Lauren
3:00p-11:00p	Eric	Mugeh
11:00p-7:00a	Jen S.	Charlotte

**FRIDAY, APRIL 1**

	Staff #1	Staff #2
7:00a-3:00p	Eric	Lauren
3:00p-11:00p	Danielle	Mugeh
11:00p-7:00a	Jen S.	Charlotte

**SHIFT 5****SATURDAY, APRIL 2**

	Staff #1	Staff #2
7:00a-3:00p	Steve Bloom	Lance
3:00p-11:00p	Janice	Jenny
11:00p-7:00a		Elizabeth

**SUNDAY, APRIL 3**

	Staff #1	Staff #2
7:00a-3:00p	Steve Bloom	Lance
3:00p-11:00p	Janice	Jenny
11:00p-7:00a		Elizabeth

**MONDAY, APRIL 4**

	Staff #1	Staff #2
7:00a-3:00p	Steve Bloom	Lance
3:00p-11:00p	Janice	Jenny
11:00p-7:00a		Elizabeth

**SHIFT 6****TUESDAY, APRIL 5**

	Staff #1	Staff #2
7:00a-3:00p	Skip	Kirk
3:00p-11:00p	Steve Baker	Brian
11:00p-7:00a	Jill	Karen

**WEDNESDAY, APRIL 6**

	Staff #1	Staff #2
7:00a-3:00p	Skip	Kirk
3:00p-11:00p	Steve Baker	Brian
11:00p-7:00a	Jill	Karen

**THURSDAY, APRIL 7**

	Staff #1	Staff #2
7:00a-3:00p	Skip	Kirk
3:00p-11:00p	Steve Baker	Brian
11:00p-7:00a	Jill	Karen

**SHIFT 7****FRIDAY, APRIL 8**

	Staff #1	Staff #2
7:00a-3:00p	Eric	Mugeh
3:00p-11:00p	Jen S.	Charlotte
11:00p-7:00a	Danielle	Lauren

**SATURDAY, APRIL 9**

	Staff #1	Staff #2
7:00a-3:00p	Eric	Mugeh
3:00p-11:00p	Jen S.	Charlotte
11:00p-7:00a	Danielle	Lauren

**SUNDAY, APRIL 10**

	Staff #1	Staff #2
7:00a-3:00p	Eric	Mugeh
3:00p-11:00p	Jen S.	Charlotte
11:00p-7:00a	Danielle	Lauren



**SHIFT 8****MONDAY, APRIL 11**

	Staff #1	Staff #2
7:00a-3:00p	Steve Bloom	Lance
3:00p-11:00p	Janice	Jenny
11:00p-7:00a		Elizabeth

**TUESDAY, APRIL 12**

	Staff #1	Staff #2
7:00a-3:00p	Steve Bloom	Lance
3:00p-11:00p	Janice	Jenny
11:00p-7:00a		Elizabeth

**WEDNESDAY, APRIL 13**

	Staff #1	Staff #2
7:00a-3:00p	Steve Bloom	Lance
3:00p-11:00p	Janice	Jenny
11:00p-7:00a		Elizabeth

**SHIFT 9****THURSDAY, APRIL 14**

	Staff #1	Staff #2
7:00a-3:00p	Steve Baker	Brian
3:00p-11:00p	Jill	Karen
11:00p-7:00a	Skip	Nancy

**FRIDAY, APRIL 15**

	Staff #1	Staff #2
7:00a-3:00p	Steve Baker	Brian
3:00p-11:00p	Jill	Karen
11:00p-7:00a	Skip	Nancy

**Doane, Margaret**

---

**From:** Doane, Margaret  
**Sent:** Wednesday, March 16, 2011 9:02 AM  
**To:** Smith, Brooke; Foggie, Kirk  
**Subject:** Message re: data

(b)(5)

Margie

Sent from an NRC Blackberry  
Margaret Doane

**Doane, Margaret**

---

**From:** Mamish, Nader  
**Sent:** Wednesday, March 16, 2011 9:56 AM  
**To:** Ramsey, Jack; Doane, Margaret  
**Subject:** Fw: 4 points on protecting us personnel and actions needed for Dai-ihl reactors  
**Attachments:** Recommendations.doc

Fyi

Sent from my NRC blackberry  
Nader Mamish

(b)(6)

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

**From:** Miller, Chris

**To:** (b)(6)

(b)(6)

**Cc:** Weber, Michael; Virgilio, Martin; Borchardt, Bill; McDermott, Brian; Mamish, Nader; Miller, Chris

**Sent:** Wed Mar 16 07:28:37 2011

**Subject:** 4 points on protecting us personnel and actions needed for Dai-ihl reactors

**Doane, Margaret**

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**From:** Stahl, Eric  
**Sent:** Wednesday, March 16, 2011 10:15 AM  
**To:** Clapper, Maureen X; Doane, Margaret; Schwartzman, Jennifer  
**Subject:** RE: EU Reacts to Japan Nuclear Crisis

Hi Maureen -

Thanks for the info. Margie was planning to inform Chairman Jaczko at 8:30AM this morning (Washington time). For your information, Chairman Jaczko and Energy Secretary Chu are testifying this morning at a joint hearing of two subcommittees of the House Energy and Commerce Committee, that began at 9:30AM (Washington time).

Eric

---

**From:** Clapper, Maureen X [ClapperMX@state.gov]  
**Sent:** Wednesday, March 16, 2011 4:50 AM  
**To:** Bubar, Patrice; Stahl, Eric; Doane, Margaret; Schwartzman, Jennifer  
**Subject:** Fw: EU Reacts to Japan Nuclear Crisis

Excellent cable on March 15 EU energy ministers meeting in Brussels on the Japan Nuclear Crisis - outcome is to call for stress tests on european nuclear power plants. In addition, there is a meeting being held by French Parliament today with senior nuclear energy and regulatory officials (Lacoste, Bigot, Lauvergeon, and Proglio among those called to Parliament).

Can you please bring this to the attention of the Commissioners and Chairman?

Thank you,  
Maureen

Maureen Clapper  
Director, DOE Office in Paris  
DOE Energy Attaché  
US Mission to the OECD  
12, ave Raphael  
75116 Paris  
Tel: +33 (0)1 45 24 74 59  
Mobile: (b)(6)

---

**From:** Waltherthum, Kimberly A  
**To:** Clapper, Maureen X  
**Sent:** Wed Mar 16 09:30:20 2011  
**Subject:** FW: EU Reacts to Japan Nuclear Crisis

This email is UNCLASSIFIED.

BV/113

(b)(4)

(b)(7)

(b)(4)

(b)(4)



**Doane, Margaret**

---

**From:** Doane, Margaret  
**Sent:** Wednesday, March 16, 2011 11:16 AM  
**To:** Casto, Chuck  
**Subject:** Re: Question

(b)(5)

Margie

Sent from an NRC Blackberry  
Margaret Doane

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

**From:** Casto, Chuck  
**To:** Doane, Margaret  
**Sent:** Wed Mar 16 11:07:58 2011  
**Subject:** Re: Question

(b)(5)

Chuck

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

**From:** Doane, Margaret  
**To:** Foggie, Kirk; Smith, Brooke; Casto, Chuck  
**Cc:** Ramsey, Jack  
**Sent:** Wed Mar 16 11:04:45 2011  
**Subject:** Question

(b)(5)

Margie

Sent from an NRC Blackberry  
Margaret Doane

BV/114

## Doane, Margaret

---

**From:** Doane, Margaret  
**Sent:** Wednesday, March 16, 2011 11:50 AM  
**To:** LIA02 Hoc  
**Subject:** Fw: US Embassy Resources

Please get to everyone for reference. Thx.

Sent from an NRC Blackberry  
Margaret Doane

---

**From:** Owens, Janice  
**To:** OIP Distribution; LIA02 Hoc  
**Sent:** Wed Mar 16 09:51:35 2011  
**Subject:** US Embassy Resources

You may already have this handy, but just in case...

<http://japan.usembassy.gov/>

U.S. citizens in need of emergency consular assistance should send an e-mail to [JapanEmergencyUSC@state.gov](mailto:JapanEmergencyUSC@state.gov) with detailed information about their location and contact information. We also recommend U.S. citizens in Japan make contact with loved ones in the United States.

U.S. citizens in need of emergency consular assistance should send an e-mail to [JapanEmergencyUSC@state.gov](mailto:JapanEmergencyUSC@state.gov) with detailed information about their location and contact information. We also recommend U.S. citizens in Japan make contact with loved ones in the United States.

Please continue to monitor the [Embassy's website](#) for updated information. For telephone inquiries, please call **202-501-4444** or **1-888-407-4747**.

### **How to Communicate with Your Family in the United States**

We encourage you to try to contact your family and friends. Possible ways to inform your family of your situation:

1. While there have been disruptions in communications in Japan, including the interruption of internet and mobile telephone service, we encourage you to continue your efforts to be in contact with your loved one(s) using SMS texting and other social media (e.g., FaceBook, My Space, Twitter, etc) that your loved one(s) may use. Other possible ways to inform your family of your situation:

#### **2. Cell Phone Messages**

If you have a cell phone in Japan, you can post messages via your cell phone provider. Family and friends who know your cell phone company can check the cell phone company's website below and type in your phone number to see any message you have left. The available areas are Aomori, Miyagi, Yamagata and Fukushima prefectures.

- For Docomo users: <http://dengon.docomo.ne.jp/top.cgi>

- For KDDI (Ezweb) users: <http://dengon.ezweb.ne.jp/>
- For Softbank users: <http://dengon.softbank.ne.jp/>
- For Wilcom users: <http://dengon.willcom-inc.com/dengon/Top.do>
- For Emobile users: <http://dengon.emnet.ne.jp/>

#### **1.NTT emergency voice message board:**

Dial 171. View message board here.

#### **2.Family Links website** of the International Committee of the Red Cross:

This website provides a way for you to inform your relatives that you are alive.

Your relatives can look for your name either [here](#) or [here](#).

#### **Flight Information for Narita and Haneda Airports**

Flights at Haneda Airport and Narita Airport are departing with some delays. For the most up-to-date flight information, we recommend you contact your airline. Limousine buses and trains are running with limited service. The U.S. Embassy recommends that travelers budget additional travel time to reach these airports.

#### **Flight Information from Fukushima Airport**

Fukushima Airport has nine flights available to Haneda, Itami, Nagoya, and Shin-Chitose airports. For ANA flight information and reservations, contact (0570-029-222) or visit [www.ana.co.jp](http://www.ana.co.jp). For AirDo Airlines flight information and reservations, contact (0120-057-333) or visit [www.airdo.jp](http://www.airdo.jp).

#### **Information about Missing Persons**

For information in Japanese about missing persons:

Miyagi Prefecture: 022-221-2000

Iwate Prefecture: 0120-801-471

Fukushima Prefecture: 0120-510-186, 090-8424-4207, 090-8424-4208

#### **Counseling Services**

Counseling Services for JET Program Participants

[JET Program website](#)

AJET Peer Support Group: 050-5534-5566

#### **Other Counseling Services**

Tokyo English Life Line (TELL): Tel: 03-5774-0992 [www.telljp.com](http://www.telljp.com)

**Doane, Margaret**

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**From:** Breskovic, Clarence  
**Sent:** Wednesday, March 16, 2011 1:30 PM  
**To:** Breskovic, Clarence  
**Subject:** Recent CRS Reports

[U.S. Tsunami Programs: A Brief Overview](#) [1483 Kb]

[Terrorist Use of the Internet: Information Operations in Cyberspace](#) [223 Kb]

[Iran: U.S. Concerns and Policy Responses](#) [751 Kb]

[China and Proliferation of Weapons of Mass Destruction and Missiles: Policy Issues](#) [674 Kb]

[Intelligence Issues for Congress](#) [273 Kb]

[The Congressional Budget Process: A Brief Overview](#) [240 Kb]

[Bahrain: Reform, Security, and U.S. Policy](#) [325 Kb]

[Managing the Nuclear Fuel Cycle: Policy Implications of Expanding Global Access to Nuclear Power](#) [553 Kb]

[The Proposed U.S.-South Korea Free Trade Agreement \(KORUS FTA\): Provisions and Implications](#) [521 Kb]

[Nuclear Weapons R&D Organizations in Nine Nations](#) [176 Kb]

[Nuclear Cooperation with Other Countries: A Primer](#) [145 Kb]

Clarence Breskovic  
International Policy Analyst  
U.S. Nuclear Regulatory Commission  
Office of International Programs  
11555 Rockville Pike  
Rockville, MD 20852, USA  
Tel: 1-301-415-2364  
Fax: 1-301-415-2395  
Alternate Email:

**Doane, Margaret**

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**From:** Moore, Scott  
**Sent:** Wednesday, March 16, 2011 1:56 PM  
**To:** Ruland, William; Howe, Allen  
**Cc:** Johnson, Michael; Holahan, Gary; Leeds, Eric; Grobe, Jack; Deegan, George; Evans, Michele; Doane, Margaret; Mamish, Nader; Wiggins, Jim; Dorman, Dan; Haney, Catherine; Brenner, Eliot; Miller, Charles; Sheron, Brian; Uhle, Jennifer; Williams, Donna  
**Subject:** RE: Planning for upcoming, short notice Commission meeting

George Deegan (415-7834) is FSME's POC.

---

**From:** Ruland, William  
**Sent:** Wednesday, March 16, 2011 1:19 PM  
**To:** Williams, Donna; Uhle, Jennifer; Sheron, Brian; Moore, Scott; Miller, Charles; Brenner, Eliot; Haney, Catherine; Dorman, Dan; Wiggins, Jim; Evans, Michele; Doane, Margaret; Mamish, Nader  
**Cc:** Johnson, Michael; Holahan, Gary; Leeds, Eric; Grobe, Jack; Howe, Allen  
**Subject:** Planning for upcoming, short notice Commission meeting

Folks,

Attached find a early draft of a scheduling note for a Commission meeting that may be held as early as this coming Monday, March 21<sup>st</sup>. NRR has been assigned as the lead to pull the meeting together. As you could imagine, this will take some effort. To help with coordination, please provide me a contact so that we can draw on your expertise and help to make this happen. Alan Howe, currently deputy director of DORL, has the lead to pull this together.

I know you have many questions. I'd ask for your patience as we try to get this done. I'll keep you updated through the contact that you provide to us.

Thank you very much.

Bill Ruland

**Doane, Margaret**

---

**From:** Doane, Margaret  
**Sent:** Wednesday, March 16, 2011 2:05 PM  
**To:** LIA02 Hoc  
**Subject:** Fw: \*\*Update 1:15pm March 16\*\* Information on the Japanese Earthquake and Reactors in that Region

Fyi

Sent from an NRC Blackberry  
Margaret Doane

---

**From:** NEIGA@nei.org <NEIGA@nei.org>  
**To:** Doane, Margaret  
**Sent:** Wed Mar 16 14:01:03 2011  
**Subject:** \*\*Update 1:15pm March 16\*\* Information on the Japanese Earthquake and Reactors in that Region



**UPDATE AS OF 1:15 P.M. EDT, WEDNESDAY, MARCH 16:**

NEI has posted an updated version of the fact sheet [Used Nuclear Fuel Storage at the Fukushima Daiichi Nuclear Power Plant](#). Also available is a new fact sheet called [Industry Taking Action to Ensure Continued Safety at U.S. Nuclear Energy Plants](#).

As always, please go to <http://resources.nei.org/japan> for the latest updates.

Click [here](#) to unsubscribe

**Doane, Margaret**

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**From:** Holgate, Laura [redacted] (b)(6)  
**Sent:** Wednesday, March 16, 2011 3:25 PM  
**To:** 'Lyons, Peter'; Doane, Margaret  
**Cc:** Connery, Joyce; Sweetnam, Glen E.; Gallagher, Shawn P.; Gelman, Jeffrey D.  
**Subject:** RE: Nuclear Energy IPC

Understand completely, Pete. Thanks for confirming intent!

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

**From:** Lyons, Peter [mailto:Peter.Lyons@Nuclear.Energy.gov]  
**Sent:** Wednesday, March 16, 2011 3:17 PM  
**To:** Holgate, Laura; Doane, Margaret  
**Cc:** Connery, Joyce; Sweetnam, Glen E.; Gallagher, Shawn P.; Gelman, Jeffrey D.  
**Subject:** RE: Nuclear Energy IPC

I'll plan to be there Laura, with the proviso that I am being pulled into so many meetings and Congressional visits that my time is not my own. So far, I've got the IPC time protected and I will endeavor to continue to do that.

pete

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

**From:** Holgate, Laura [mailto:[redacted] (b)(6)]  
**Sent:** Wednesday, March 16, 2011 3:02 PM  
**To:** Lyons, Peter; Doane, Margaret  
**Cc:** Connery, Joyce; Sweetnam, Glen E.; Gallagher, Shawn P.; Gelman, Jeffrey D.  
**Subject:** Nuclear Energy IPC

Pete & Margie,

I know you guys are swamped. Glen and I have talked about the IPC time on Friday, and while we considered cancelling it, we believe that it can provide a useful service [redacted]

(b)(5)

[redacted] So we are thinking about convening this meeting as a support function to the Japan DC process. Before we sent out a note to the wider IPC community, however, we wanted to check with you to make sure that you agreed this was worthwhile, and that you (or someone from your group) could be present to provide an update.

Can you get back to me on this by the end of the day? Thanks so much, and thanks for what you're doing.

LSHH

Laura S. H. Holgate

Senior Director

WMD Terrorism and Threat Reduction

National Security Staff

(b)(6)

direct

(b)(6)



**Doane, Margaret**

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**From:** Doane, Margaret  
**Sent:** Wednesday, March 16, 2011 3:31 PM  
**To:** Schwartzman, Jennifer  
**Subject:** Re: IAEA Emergency Meeting?

(b)(5)

Sent from an NRC Blackberry  
Margaret Doane

---

**From:** Schwartzman, Jennifer  
**To:** Doane, Margaret  
**Sent:** Wed Mar 16 15:30:02 2011  
**Subject:** RE: IAEA Emergency Meeting?

(b)(5)

**From:** Doane, Margaret  
**Sent:** Wednesday, March 16, 2011 3:29 PM  
**To:** Schwartzman, Jennifer  
**Subject:** Re: IAEA Emergency Meeting?

Jen. Is Amano in Japan?

Sent from an NRC Blackberry  
Margaret Doane

---

**From:** Schwartzman, Jennifer  
**To:** Doane, Margaret  
**Sent:** Wed Mar 16 15:04:24 2011  
**Subject:** FW: IAEA Emergency Meeting?

(b)(5)

**From:** Pearson, Laura  
**Sent:** Wednesday, March 16, 2011 2:51 PM  
**To:** Doane, Margaret; Coggins, Angela; Abrams, Charlotte; Schwartzman, Jennifer; Bradford, Anna; Warren, Roberta; Batkin, Joshua  
**Subject:** Fw: IAEA Emergency Meeting?

Margie, please see the email below. Can you provide information about this meeting and clarify expectations for NRC?

Sent from my NRC Blackberry.  
Laura Pearson

(b)(6)

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**From:** Pace, Patti  
**To:** Pearson, Laura  
**Cc:** Batkin, Joshua; Coggins, Angela; Bradford, Anna; Pearson, Laura; Warren, Roberta  
**Sent:** Wed Mar 16 14:45:17 2011  
**Subject:** IAEA Emergency Meeting?

Hi Laura,

I just saw in the news that the IAEA plans to hold an emergency board meeting after DG Amano returns from Japan. Could you please check with OIP to see what they might know about a possible meeting?

Here is the quote from various articles:

"The United Nations' nuclear agency will call an emergency meeting to discuss the crisis in Japan as a breach at the stricken Fukushima Dai-Ichi plant increased the risk of a radioactive leak.

IAEA Chief Yukiya Amano is flying to Tokyo to talk with authorities today and will return for the meeting as soon as possible, he told reporters in Vienna yesterday. It will be the first extraordinary meeting of the agency's 35-member board since his election to succeed Mohamed ElBaradei two years ago."

Also, just because I wasn't sure, I checked on the IAEA website and the US is part of the 35 member board, from their website:

**Board Members for 2010-2011**

For the 2010 - 2011 period, the new composition of the 35-member IAEA Board is: Argentina, Australia, Azerbaijan, Belgium, Brazil, Cameroon, Canada, Czech Republic, Chile, China, Denmark, Ecuador, France, Germany, India, Italy, Japan, Jordan, Kenya, Korea, Republic of, Mongolia, Netherlands, Niger, Pakistan, Peru, Portugal, Russian Federation, Singapore, South Africa, Tunisia, Ukraine, United Arab Emirates, United Kingdom of Great Britain and Northern Ireland, United States of America and Venezuela, Bolivarian Rep. of

Thanks,

Patti Pace  
Assistant to Chairman Gregory B. Jaczko  
U.S. Nuclear Regulatory Commission  
301-415-1820 (office)  
301-415-3504 (fax)

**Doane, Margaret**

---

**From:** Coggins, Angela  
**Sent:** Wednesday, March 16, 2011 3:44 PM  
**To:** Pace, Patti  
**Cc:** Doane, Margaret  
**Subject:** Re: Canyou find out

Great! Thanks!!  
Angela Coggins  
Policy Director  
Office of Chairman Gregory B Jaczko  
US Nuclear Regulatory Commission  
[angela.coggins@nrc.gov/301-415-1828](mailto:angela.coggins@nrc.gov/301-415-1828)

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

**From:** Pace, Patti  
**To:** Coggins, Angela  
**Sent:** Wed Mar 16 15:41:00 2011  
**Subject:** RE: Canyou find out

DepSec Steinberg's Chief of Staff is Bathsheba "Sheba" Crocker. She is out of the office this afternoon. However, phone number for main office of DepSec Steinberg is 202-647-8636. I spoke with Laura, DepSec's assistant and she shared her email address: [updegrovell@state.gov](mailto:updegrovell@state.gov)

I was connected through State Ops Center 202-647-1512 which might be a good number to use after hours.

Hope this helps!

Thanks,

Patti Pace  
Assistant to Chairman Gregory B. Jaczko  
U.S. Nuclear Regulatory Commission  
301-415-1820 (office)  
301-415-3504 (fax)

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

**From:** Coggins, Angela  
**Sent:** Wednesday, March 16, 2011 3:29 PM  
**To:** Pace, Patti  
**Subject:** Canyou find out

Who steinberg's (state dept guy) chief of staff is? This is for Margie, not the boss.

Angela Coggins  
Policy Director  
Office of Chairman Gregory B Jaczko  
US Nuclear Regulatory Commission  
[angela.coggins@nrc.gov/301-415-1828](mailto:angela.coggins@nrc.gov/301-415-1828)

**Doane, Margaret**

---

**From:** Breskovic, Clarence  
**Sent:** Wednesday, March 16, 2011 4:35 PM  
**To:** Breskovic, Clarence  
**Subject:** Just in: Areva to supply 100 tons of boric acid and other aid to Japan

Areva press release:

AREVA is Mobilized for Japan

Paris, March 16, 2011

Following the earthquake and tsunami that struck northern Japan, AREVA is mobilizing its forces to provide support to residents of the affected area and to the rescue workers and personnel working near the Fukushima nuclear plant.

AREVA has chartered a plane that will depart for Japan as soon as possible to deliver 3,000 activated charcoal protective masks, 10,000 overalls and 20,000 gloves. The aircraft will also carry 100 tons of boric acid, a neutron absorber, made available by EDF.

French rescue workers left for Japan early this week with radioactivity detection equipment provided by AREVA's subsidiary, Canberra, specializing in the manufacture of nuclear detection and measurement equipment. Equipment in AREVA's Tokyo offices has already been made available to the Japanese security teams.

The Group also decided as of Monday to donate one million euros to the Japanese Red Cross.

Clarence Breskovic  
International Policy Analyst  
U.S. Nuclear Regulatory Commission  
Office of International Programs  
11555 Rockville Pike  
Rockville, MD 20852, USA  
Tel: 1-301-415-2364  
Fax: 1-301-415-2395  
Alternate Email: (b)(6)

**Doane, Margaret**

---

**From:** Dyer, Jim  
**Sent:** Wednesday, March 16, 2011 5:48 PM  
**To:** Doane, Margaret; Mamish, Nader  
**Cc:** Brown, Milton; Mitchell, Reggie  
**Subject:** FW: New Agency Wide TAC Number

(b)(5)

**From:** HRMSBulletin Resource  
**Sent:** Wednesday, March 16, 2011 9:52 AM  
**To:** HRMSBulletin Resource  
**Cc:** HRMSBulletin Resource  
**Subject:** New Agency Wide TAC Number

All Employees,

Due to the most current event in Japan, the Agency has decided to establish a new Agency wide Activity Code. It is: ZG0061 - Japan Earthquake and Tsunami. The PA will be: 111180 – Response Program-Event/Response - Operating RX. Please be reminded that if you charged hours to D92374 in PP6, you will need to submit a corrected time card and use the new TAC number ZG0061 under PA 111180. Also please contact your T & L Coordinator to have that TAC established in your profile.

Thank you for your cooperation.

Time, Labor and Payroll Services

BV/123

**Doane, Margaret**

---

**From:** Sweetnam, Glen E. [(b)(6)]  
**Sent:** Wednesday, March 16, 2011 8:23 PM  
**To:** Vinograd, Samantha; 'Beth.Urbanas@treasury.gov'; 'john.morton@opic.gov'; 'mary.boomgard@opic.gov'; 'keith.kozloff@opic.gov'; 'james.mahoney@exim.gov'; Connery, Joyce (HQ); Gelman, Jeffrey D.; 'timbiejp@state.gov'; 'gornjm@state.gov'; [(b)(6)]; 'anne.harrington@nnsa.doe.gov'; 'nicole.lamb-hale@trade.gov'; 'peter.lyons@nuclear.energy.gov'; 'cekutarf@state.gov'; Doane, Margaret; [(b)(6)]; Haney, Catherine; 'john.schuster@exim.gov'; Bordoff, Jason E.; 'mary.saunders@trade.gov'; 'william.pizer@treasury.gov'; 'mark.heil@treasury.gov'; 'stratfordrj@state.gov'; 'edward.mcginis@hq.doe.gov'; 'david.kinkaid@trade.gov'; 'timbiejp@state.gov'; 'vandiepenvh@state.gov'; Coyle, Phil; Fetter, Steve; Peroff, Kathleen; 'klaybw@state.gov'; 'john.schuster@exim.gov'; 'motiwalam@state.gov'; 'john.szymanski@dhs.gov'; 'mertensra@state.gov'; McDonald, Christine; Whitten, Blaine; McConville, Drew; Matthews, Sonyia  
**Cc:** Holgate, Laura; Gallagher, Shawn P.; Holmes, Angela; Ericsson, Sally C.; Carroll, J. Kevin  
**Subject:** RE: MDB/ Nuclear Policy IPC

All -

Given recent events, we have delayed scheduling another meeting of the MDB Nuclear Policy IPC. There will be, however, a meeting of the Nuclear Strategy IPC this Friday. A description of this meeting is given below. If you are participating in the MDB Nuclear Policy IPC, you are welcome to attend this Nuclear Strategy IPC, but it is not required.

**We will not discuss MDB issues at the meeting this Friday**

"In response to the current situation, we have decided to adjust the agenda for Friday's 12:30 meeting (EEOB 439) to place this Nuclear Strategy IPC in service of the Japan DC process. We have asked expert colleagues from DOE and NRC to provide update briefings on the situation in Japan for this broader audience, and give folks a chance to ask questions to understand better what's going on. We will also use this meeting to clarify and coordinate department/agency messaging on the relationship between the Japan situation and US nuclear policies. We hope you find this useful.

As some of you may know, the US Secret Service is shifting to a new building clearance system starting Friday. If you send Sonyia Matthews [(b)(6)] your usual information along with the time and date of this meeting by Thursday (tomorrow) at 5, we can clear you in under the old system. Any clearances requested afterwards will require significantly more info....forewarned is forearmed!"

If you have any questions, please don't hesitate to contact me or Samantha Vinograd at 202-456-9281.

Best, Glen

---

**From:** Vinograd, Samantha  
**Sent:** Tuesday, February 15, 2011 10:48 AM  
**To:** 'Beth.Urbanas@treasury.gov'; 'john.morton@opic.gov'; 'mary.boomgard@opic.gov'; 'keith.kozloff@opic.gov'; 'james.mahoney@exim.gov'; Connery, Joyce (HQ); Gelman, Jeffrey D.; 'timbiejp@state.gov'; 'gornjm@state.gov'; [(b)(6)]; 'anne.harrington@nnsa.doe.gov'; 'nicole.lamb-hale@trade.gov'; 'peter.lyons@nuclear.energy.gov'; 'cekutarf@state.gov'; 'margaret.doane@nrc.gov'; [(b)(6)]; 'catherine.haney@nrc.gov'; 'john.schuster@exim.gov'; Bordoff, Jason E.; 'mary.saunders@trade.gov'; 'william.pizer@treasury.gov'; 'mark.heil@treasury.gov'; 'stratfordrj@state.gov'; 'edward.mcginis@hq.doe.gov'; 'david.kinkaid@trade.gov'; 'timbiejp@state.gov'; 'vandiepenvh@state.gov'; Coyle, Phil; Fetter, Steve; Peroff, Kathleen; 'klaybw@state.gov'; 'john.schuster@exim.gov'; 'motiwalam@state.gov'; 'john.szymanski@dhs.gov'; 'mertensra@state.gov'; McDonald, Christine; Whitten, Blaine; McConville, Drew; Matthews, Sonyia  
**Cc:** Sweetnam, Glen E.; Holgate, Laura; Gallagher, Shawn P.; Holmes, Angela; Ericsson, Sally C.; Carroll, J. Kevin  
**Subject:** MDB/ Nuclear Policy IPC

Good morning –

In addition to the IPC on the Administration's Nuclear Energy Policy (kick-off meeting last week), we would like to move forward on an IPC on the Nuclear Energy Policy of Multilateral Development Banks (MDBs) and Export Credit Agencies (ECAs). We would like to hold the kick-off meeting in EEOB 234 from 3-4:00 p.m. on Wednesday, February 16. We ask each agency to come prepared to brief the issues that affect their equities with respect to this issue. Please let us know if there are other colleagues from your department/agency that should be included.

Please send your clearance information to Angela Holmes, cc'ed above, and confirm your participation with Glen Sweetnam and myself. If you have any questions please feel free to give me a call at (b)(6)

Samantha

**Doane, Margaret**

**From:** Gelman, Jeffrey D. (b)(6)  
**Sent:** Wednesday, March 16, 2011 9:01 PM  
**To:** Gelman, Jeffrey D.; 'Timbie, James P'; 'Van Diepen, Vann H'; 'Connery, Joyce'; (b)(6); 'Anne.Harrington@NNSA.Doe.Gov'; Coyle, Phil; Fetter, Steve; Peroff, Kathleen; Ericsson, Sally C.; 'nicole.lamb-hale@trade.gov'; 'Peter.Lyons@Nuclear.Energy.gov'; 'cekutarf@state.gov'; Doane, Margaret; (b)(6); Haney, Catherine; Klay, Benjamin W.; 'john.schuster@exim.gov'; 'Motiwala, Mohammed'; Szymanski, John; 'Stratford, Richard J'; Mertens, Richard A.; McDonald, Christine; Whitney, Mark; Bordoff, Jason E.; Henderson, Karen; 'Mary.Saunders@trade.gov'; 'mark.heil@do.treas.gov'; 'Kange@state.gov'; 'Gorn, Janet M'; Wolfsthal, Jon B.; (b)(6); 'david.heyman@dhs.gov'; Zichal, Heather R.; Utech, Dan G.; 'O'BrienVJ@state.gov'; 'Rodgers, John R'  
**Cc:** Holgate, Laura; Sweetnam, Glen E.; Gallagher, Shawn P.; Holmes, Angela; 'david.kincaid@trade.gov'; 'beth.urbanas@do.treas.gov'; McConville, Drew; Carroll, J. Kevin; Matthews, Sonyia; (b)(6)  
**Subject:** RE: IPC Invitation: Developing a Nuclear Energy Strategy, 3/18 12:30pm-2:00 in EEOB 439

Dear IPC participants,

In response to the current situation, we have decided to adjust the agenda for Friday's 12:30 meeting (EEOB 439) to place this IPC in service of the Japan DC process. We have asked expert colleagues from DOE and NRC to provide update briefings on the situation in Japan for this broader audience, and give folks a chance to ask questions to understand better what's going on. We will also use this meeting to clarify and coordinate department/agency messaging on the relationship between the Japan situation and US nuclear policies. We hope you find this useful.

As some of you may know, the US Secret Service is shifting to a new building clearance system starting Friday. If you send Sonyia Matthews (b)(6) your usual information along with the time and date of this meeting by Thursday (tomorrow) at 3pm, we can clear you in under the old system. Any clearances requested afterwards will require significantly more info....forewarned is forearmed!

Many thanks,

Laura & Glen

---

**From:** Gelman, Jeffrey D.  
**Sent:** Monday, March 14, 2011 2:46 PM  
**To:** Gelman, Jeffrey D.; 'Timbie, James P'; 'Van Diepen, Vann H'; 'Connery, Joyce'; (b)(6); 'Anne.Harrington@NNSA.Doe.Gov'; Coyle, Phil; Fetter, Steve; Peroff, Kathleen; Ericsson, Sally C.; 'nicole.lamb-hale@trade.gov'; 'Peter.Lyons@Nuclear.Energy.gov'; 'cekutarf@state.gov'; 'Margie Doane (margaret.doane@nrc.gov)'; (b)(6); 'catherine.haney@nrc.gov'; Klay, Benjamin W.; 'john.schuster@exim.gov'; 'Motiwala, Mohammed'; Szymanski, John; 'Stratford, Richard J'; Mertens, Richard A.; McDonald, Christine; Whitney, Mark; Bordoff, Jason E.; Henderson, Karen; 'Mary.Saunders@trade.gov'; 'mark.heil@do.treas.gov'; 'Kange@state.gov'; 'Gorn, Janet M'; Wolfsthal, Jon B.; (b)(6); 'david.heyman@dhs.gov'  
**Cc:** Holgate, Laura; Sweetnam, Glen E.; Gallagher, Shawn P.; Holmes, Angela; 'david.kincaid@trade.gov'; 'beth.urbanas@do.treas.gov'; McConville, Drew; Carroll, J. Kevin; Matthews, Sonyia; (b)(6)  
**Subject:** IPC Invitation: Developing a Nuclear Energy Strategy, 3/18 12:30pm-2:00 in EEOB 439

All,

BV/127



On **March 18<sup>th</sup> from 12:30-2:00pm**, Laura Holgate and Glen Sweetnam will host another Nuclear Energy IPC in EEOB room 439. An agenda for the IPC is forthcoming. Attached is the Summary of Conclusions from the IPC which was held on 2/25.

Also attached to this email is the entire set of interagency comments to the slides on barriers to civil nuclear energy growth which were presented on 2/8, State EUR's Nuclear Energy Score Card for Central Europe, and a letter to Secretary Locke from the Civil Nuclear Trade Advisory Committee.

For those planning to attend the meeting on 3/18, please send your clearance information (full name, date of birth and social security number) to Sonyia Matthews (smatthews@nss.eop.gov) by COB on 7/17. When sending you clearance information please include the date and time of the meeting. And please also let us know if there are colleagues in your own or other agencies who need to be included in this process.

Thank you,  
Laura Holgate & Glen Sweetnam

(b)(6)

**From:** Gelman, Jeffrey D.

**Sent:** Wednesday, February 09, 2011 6:54 PM

**To:** Gelman, Jeffrey D.; 'Timbie, James P'; 'Van Diepen, Vann H'; 'Connery, Joyce'; (b)(6); 'Anne.Harrington@NNSA.Doe.Gov'; Coyle, Phil; Fetter, Steve; Peroff, Kathleen; Ericsson, Sally C.; 'nicole.lamb-hale@trade.gov'; 'Peter.Lyons@Nuclear.Energy.gov'; 'cekutarf@state.gov'; 'Margie Doane (margaret.doane@nrc.gov)'; (b)(6); 'catherine.haney@nrc.gov'; Klay, Benjamin W.; 'john.schuster@exim.gov'; 'Motiwala,

Mohammed'; Szymanski, John; 'Stratford, Richard J'; Mertens, Richard A.; McDonald, Christine; Whitney, Mark; Bordoff, Jason E.; Henderson, Karen; 'Mary.Saunders@trade.gov'; 'mark.heil@do.treas.gov'

**Cc:** Holgate, Laura; Sweetnam, Glen E.; Gallagher, Shawn P.; Holmes, Angela; 'david.kincaid@trade.gov'; 'beth.urbanas@do.treas.gov'; McConville, Drew; Carroll, J. Kevin; Matthews, Sonyia

**Subject:** IPC Invitation: Developing a Nuclear Energy Strategy, 2/25 4:00pm-5:30 in EEOB 445

Friends,

Many thanks for joining our inaugural meeting of the Nuclear Energy Strategy IPC. Attached is the Statement of Conclusions for yesterday's meeting, as well as the two briefings that were presented.

As we discussed, your inputs to the barriers/opportunities spreadsheets are due February 18. You are welcome to provide these in any form that is convenient, but if you wish to actually edit the spreadsheets as they were presented, I am told that you can simply cut and paste the spreadsheets from the briefing charts into whatever editing program you wish to use.

**We have scheduled the next meeting for Friday, February 25 at 4-5:30 pm in EEOB Room 445.** Please send your clearance information (full name, date of birth and social security number) to Sonyia Matthews (b)(6) by COB on 2/23. When sending you clearance information please include the date and time of the meeting. And please also let us know if there are colleagues in your own or other agencies who need to be included in this process.

We look forward to working with you on this important project!

Laura Holgate & Glen Sweetnam

**From:** Gelman, Jeffrey D.

**Sent:** Monday, January 24, 2011 7:04 PM

**To:** 'Timbie, James P'; 'Van Diepen, Vann H'; 'Connery, Joyce'; (b)(6)

'Anne.Harrington@NNSA.Doe.Gov'; Coyle, Phil; Fetter, Steve; Peroff, Kathleen; Ericsson, Sally C.; 'nicole.lamb-hale@trade.gov'; 'Peter.Lyons@Nuclear.Energy.gov'; 'cekutarf@state.gov'; 'Margie Doane (margaret.doane@nrc.gov)';  
(b)(6) 'catherine.haney@nrc.gov'

**Cc:** Holgate, Laura; Sweetnam, Glen E.; Gallagher, Shawn P.; Holmes, Angela; 'david.kincaid@trade.gov';  
'beth.urbanas@do.treas.gov'; McConville, Drew; Gelman, Jeffrey D.; Carroll, J. Kevin

**Subject:** IPC Invitation: Developing a Nuclear Energy Strategy

Nuclear Energy Strategy IPC Meeting: Tuesday, February 8, 2011 from 1:30 – 3:00 pm in EEOB  
445

All,

(b)(5)

For those needing clearance into the EEOB, please send your DOB and SSN to Jeff Gelman

(b)(6)

(b)(6)

Thank you,  
Laura Holgate and Glen Sweetnam

Laura S. H. Holgate  
Senior Director  
WMD Terrorism and Threat Reduction  
National Security Staff  
The White House

Glen Sweetnam  
Senior Director  
Energy and Climate Change  
National Security Staff  
The White House

**Doane, Margaret**

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**From:** Doane, Margaret  
**Sent:** Wednesday, March 16, 2011 10:10 PM  
**To:** (b)(6); Ramsey, Jack; Henderson, Karen  
**Cc:** Kreuter, Jane  
**Subject:** Re: MDB/ Nuclear Policy IPC

Glen. I have to take it day by day. I'm going to try to make.  
Margie

Sent from an NRC Blackberry  
Margaret Doane

---

**From:** Sweetnam, Glen E. <(b)(6)>  
**To:** (b)(6)

(b)(6)

**Sent:** Wed Mar 16 20:23:16 2011  
**Subject:** RE: MDB/ Nuclear Policy IPC

All -

Given recent events, we have delayed scheduling another meeting of the MDB Nuclear Policy IPC. There will be, however, a meeting of the Nuclear Strategy IPC this Friday. A description of this meeting is given below. If you are participating in the MDB Nuclear Policy IPC, you are welcome to attend this Nuclear Strategy IPC, but it is not required. **We will not discuss MDB issues at the meeting this Friday**

"In response to the current situation, we have decided to adjust the agenda for Friday's 12:30 meeting (EEOB 439) to place this Nuclear Strategy IPC in service of the Japan DC process. We have asked expert colleagues from DOE and NRC to provide update briefings on the situation in Japan for this broader audience, and give folks a chance to ask questions to understand better what's going on. We will also use this meeting to clarify and coordinate department/agency messaging on the relationship between the Japan situation and US nuclear policies. We hope you find this useful.

As some of you may know, the US Secret Service is shifting to a new building clearance system starting Friday. If you send Sonyia Matthews (b)(6) your usual information along with the time and date of this meeting by Thursday (tomorrow) at 5, we can clear you in under the old system. Any clearances requested afterwards will require significantly more info....forewarned is forearmed!"

If you have any questions, please don't hesitate to contact me or Samantha Vinograd at 202-456-9281.

Best, Glen

**From:** Vinograd, Samantha

**Sent:** Tuesday, February 15, 2011 10:48 AM

**To:** 'Beth.Urbanas@treasury.gov'; 'john.morton@opic.gov'; 'mary.boomgard@opic.gov'; 'keith.kozloff@opic.gov'; 'james.mahoney@exim.gov'; Connery, Joyce (HQ); Gelman, Jeffrey D.; 'timbiejp@state.gov'; 'gornjm@state.gov';

(b)(6); 'anne.harrington@nnsa.doe.gov'; 'nicole.lamb-hale@trade.gov';

'peter.lyons@nuclear.energy.gov'; 'cekutarf@state.gov'; 'margaret.doane@nrc.gov'; (b)(6)

'catherine.haney@nrc.gov'; 'john.schuster@exim.gov'; Bordoff, Jason E.; 'mary.saunders@trade.gov';

'william.pizer@treasury.gov'; 'mark.heil@treasury.gov'; 'stratfordrj@state.gov'; 'edward.mcginnis@hq.doe.gov';

'david.kinkaid@trade.gov'; 'timbiejp@state.gov'; 'vandiepenvh@state.gov'; Coyle, Phil; Fetter, Steve; Peroff, Kathleen;

'klaybw@state.gov'; 'john.schuster@exim.gov'; 'motiwalam@state.gov'; 'john.szymanski@dhs.gov';

'mertensra@state.gov'; McDonald, Christine; Whitten, Blaine; McConville, Drew; Matthews, Sonyia

**Cc:** Sweetnam, Glen E.; Holgate, Laura; Gallagher, Shawn P.; Holmes, Angela; Ericsson, Sally C.; Carroll, J. Kevin

**Subject:** MDB/ Nuclear Policy IPC

Good morning –

In addition to the IPC on the Administration's Nuclear Energy Policy (kick-off meeting last week), we would like to move forward on an IPC on the Nuclear Energy Policy of Multilateral Development Banks (MDBs) and Export Credit Agencies (ECAs). We would like to hold the kick-off meeting in EEOB 234 from 3-4:00 p.m. on Wednesday, February 16. We ask each agency to come prepared to brief the issues that affect their equities with respect to this issue. Please let us know if there are other colleagues from your department/agency that should be included.

Please send your clearance information to Angela Holmes, cc'ed above, and confirm your participation with Glen Sweetnam and myself. If you have any questions please feel free to give me a call at 456-9288.

Samantha

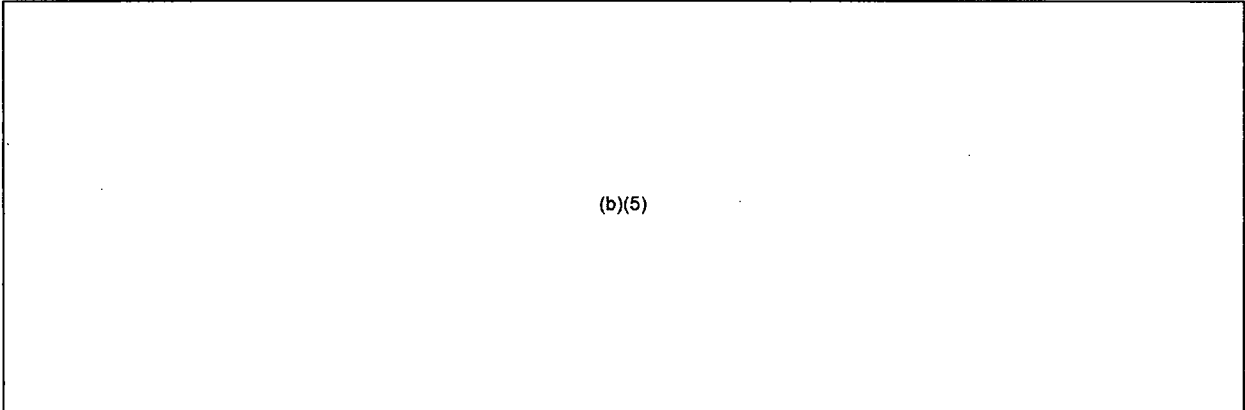
**Doane, Margaret**

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**From:** LIA02 Hoc  
**Sent:** Wednesday, March 16, 2011 10:46 PM  
**To:** Doane, Margaret; Mamish, Nader; Ramsey, Jack; Foggie, Kirk; Smith, Brooke  
**Cc:** Dembek, Stephen; Stahl, Eric; Mayros, Lauren; LIA03 Hoc; Smirolido, Elizabeth; Wittick, Brian  
**Subject:** TRANSITION REPORT FOR MARCH 16, 2011 11pm - NOT URGENT

**TRANSITION REPORT FOR MARCH 16, 2011 11pm**

**NOTE - NOTHING URGENT TO REPORT. THINGS HAVE CALMED DOWN AFTER 9PM (EASTERN TIME).**

1. 
- 2.
3. (b)(5)
- 4.
5. OIP coverage has been finalized through Sunday, March 20. Document has been emailed to all people involved. Document is taped to all three OIP Desks
6. PMT is working on a response to the French Radioprotection and Nuclear Safety Institute concerning their questions. There question arrived in the LIA02 inbox at 7:55pm. Suggest following-up with PMT around 12am.
7. OIP coverage document for March 21 through April 15 has been started. Still waiting for feedback from the rest of OIP staff. We should plan on sending out initial plan sometime tomorrow (ideally before 7am).
8. Lauren Mayros asked Kirk Foggie about the location of the Fukushima off-site Emergency Ops Center. Chuck Casto is looking for this information.
9. Conference call with Canada (CNSC and Canada mission at IAEA), France (ASN) and UK (HSE/NII) is still scheduled for March 17 at 10am
10. Continue to periodically check IAEA ENAC for updates. The website is currently open on the LIA03 computer.
11. We have a Japanese translator (look to your right). He is translating the most recent METI report.
12. Reminder to keep Mark Shaffer updated at shaffermr@state.gov, regardless of time of day, regardless of whether he is in the office or asleep. He is responsible for briefing multiple Ambassadors each day, multiple times, at the behest of Ambassador Davies.

Steve, Eric & Lauren

**Doane, Margaret**

---

**From:** Smith, Brooke  
**Sent:** Thursday, March 17, 2011 1:01 AM  
**To:** Doane, Margaret  
**Subject:** Fw: Fukushima Emergency Off-site Operations Center  
**Attachments:** fukushima prefecture news v2.docx

FYI. This is what Kirk and I have heard as well.

Sent from an NRC Blackberry.

Brooke G. Smith

(b)(6)

---

**From:** LIA02 Hoc  
**To:** Trapp, James; Casto, Chuck  
**Cc:** Foggie, Kirk; Smith, Brooke; LIA03 Hoc; Miller, Chris  
**Sent:** Thu Mar 17 00:58:22 2011  
**Subject:** FW: Fukushima Emergency Off-site Operations Center

Hello,

We learned from news reports that the Fukushima Emergency Off-site Operations Center is located in the Fukushima Prefectural Government Office. The location is 2-16 Sugitsuma-cho, Fukushima-shi, Fukushima-ken, 960-8670; the general telephone number at least for the prefecture office is +81 (0)24-521-1111; perhaps they can transfer you to the right people. I will see if I can find a direct number to the ops center.

Best,  
Elizabeth of OIP

(PS--This came from the Mainichi Daily News: "The Defense Ministry pulled 180 personnel from a government forward operations center close to the reactors on March 14, withdrawing them 60 kilometers to Ground Self-Defense Force Camp Koriyama. Fifteen hours later, the forward operations center also moved back 60 kilometers to the Fukushima Prefectural Government Office."; also see the attached.)

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**From:** LIA10 Hoc  
**Sent:** Thursday, March 17, 2011 12:43 AM  
**To:** LIA02 Hoc  
**Subject:**

**Doane, Margaret**

---

**From:** Ramsey, Jack  
**Sent:** Thursday, March 17, 2011 6:16 AM  
**To:** Doane, Margaret; Henderson, Karen; LIA02 Hoc; LIA03 Hoc; Foggie, Kirk; Emche, Danielle; Mamish, Nader  
**Subject:** Fw: Courtesy Copy: Readout of the President's call with Japanese Prime Minister Kan  
**Importance:** High

FYI, in case you haven't seen. Call took place around 9pm EDT last night (Wed night).

---

**From:** Gallagher, Shawn P. <[REDACTED]>  
**To:** Ramsey, Jack  
**Sent:** Thu Mar 17 05:46:12 2011  
**Subject:** Fw: Courtesy Copy: Readout of the President's call with Japanese Prime Minister Kan

Shawn Gallagher

---

**From:** Vietor, Tommy  
**To:** #Earthquake; #ASIA; DL-WHO-Press  
**Sent:** Wed Mar 16 23:24:57 2011  
**Subject:** FW: Courtesy Copy: Readout of the President's call with Japanese Prime Minister Kan

This is out

---

**From:** OCIO – GovDelivery [<mailto:whitehouse-noreply@messages.whitehouse.gov>]  
**Sent:** Wednesday, March 16, 2011 11:24 PM  
**To:** Vietor, Tommy  
**Subject:** Courtesy Copy: Readout of the President's call with Japanese Prime Minister Kan

THE WHITE HOUSE  
Office of the Press Secretary

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For Immediate Release

March 16, 2011

**Readout of the President's Call with Japanese Prime Minister Kan**

The President spoke this evening by telephone with Japanese Prime Minister Naoto Kan to discuss the status of ongoing relief efforts in Japan, including the emergency at the Fukushima nuclear plant. The President again conveyed his deep condolences at the tragic loss of life and the widespread suffering in Northeastern Japan. The President emphasized that the U.S. is determined to do everything possible to support Japan in overcoming the effects of the devastating earthquake and tsunami that struck on March 11. The President briefed Prime Minister Kan on the additional support being provided by the U.S., including specialized military assets with expertise in nuclear response and consequence management. The two leaders also discussed the welfare and safety of American citizens in Japan and the President described steps that the U.S. is taking in this regard. He thanked the Prime Minister for his commitment to help American residents. Prime Minister Kan briefed the President on the status of Japanese actions to contain the nuclear emergency and to bring the situation under control. The Prime Minister expressed Japan's appreciation for the extensive humanitarian, technical and other support

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provided by the United States. The two leaders reaffirmed that U.S. and Japanese experts and officials would continue to cooperate closely and they agreed to remain in close touch through this challenging period. The President promised that the United States will always stand by Japan, our close friend and ally. The President expressed his extraordinary admiration for the character and resolve of the Japanese people, and his confidence that Japan will make a full recovery from this disaster.

###

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[Unsubscribe](#)



**Doane, Margaret**

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**From:** Doane, Margaret  
**Sent:** Thursday, March 17, 2011 6:40 AM  
**To:** Fehst, Geraldine  
**Subject:** Re: Other Country Response to the Japanese Emergency

Thanks.

Sent from an NRC Blackberry  
Margaret Doane

---

**From:** Fehst, Geraldine  
**To:** LIA03 Hoc; Foggie, Kirk; Smith, Brooke; OIP Distribution  
**Sent:** Thu Mar 17 00:39:23 2011  
**Subject:** Re: Other Country Response to the Japanese Emergency

mexico's cSNS has not sent experts but the government has sent 2 rescue crews to help. Spain has sent no one yet but Parliament will review and decide. I'll get back to you with more when I hear more.

Gerri

Sent from NRC BlackBerry:

Gerri Fehst  
(301) 415-1614 (Office)  
(b)(6) BlackBerry)

---

**From:** LIA03 Hoc  
**To:** Foggie, Kirk; Smith, Brooke; OIP Distribution  
**Sent:** Wed Mar 16 01:08:14 2011  
**Subject:** RE: Other Country Response to the Japanese Emergency

Kirk and Brooke, where are you guys physically located?

---

**From:** Foggie, Kirk  
**Sent:** Tuesday, March 15, 2011 11:15 PM  
**To:** Smith, Brooke; LIA03 Hoc; OIP Distribution  
**Subject:** Re: Other Country Response to the Japanese Emergency

(b)(5)  
Sent from Blackberry.

---

**From:** Smith, Brooke  
**To:** LIA03 Hoc; OIP Distribution  
**Sent:** Tue Mar 15 22:54:29 2011  
**Subject:** Re: Other Country Response to the Japanese Emergency

Let me and Kirk what you learn.

Sent from an NRC Blackberry.

Brooke G. Smith

(b)(6)

---

**From:** LIA03 Hoc  
**To:** OIP Distribution  
**Sent:** Tue Mar 15 17:28:55 2011  
**Subject:** Other Country Response to the Japanese Emergency

All,

There has been interest here in the Operation Center as to how other countries are responding to the events in Japan. Please let us know if your countries are sending teams, experts or aides to Japan to help out during this time of need.

Thanks!

-Jenny

**Doane, Margaret**

---

**From:** Schwartzman, Jennifer  
**Sent:** Thursday, March 17, 2011 6:43 AM  
**To:** 'ShafferMr@state.gov'  
**Cc:** Doane, Margaret  
**Subject:** Re: IAEA Emergency Meeting?

Thanks!  
Sent from an NRC Blackberry

---

**From:** Shaffer, Mark R <ShafferMr@state.gov>  
**To:** Schwartzman, Jennifer  
**Cc:** Doane, Margaret  
**Sent:** Thu Mar 17 06:34:59 2011  
**Subject:** RE: IAEA Emergency Meeting?

(b)(5)

This email is UNCLASSIFIED.

**Doane, Margaret**

---

**From:** Doane, Margaret  
**Sent:** Thursday, March 17, 2011 6:49 AM  
**To:** Smith, Brooke  
**Subject:** Re: Status.

That will be great.  
Margie

Sent from an NRC Blackberry  
Margaret Doane

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

**From:** Smith, Brooke  
**To:** Doane, Margaret  
**Sent:** Thu Mar 17 06:47:34 2011  
**Subject:** Re: Status.

We will call you back in an hour. We are going to eat.

Sent from an NRC Blackberry.  
Brooke G. Smith

(b)(6)

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

**From:** Doane, Margaret  
**To:** Smith, Brooke  
**Cc:** Foggie, Kirk  
**Sent:** Thu Mar 17 06:37:59 2011  
**Subject:** Re: Status.

I'm up. Hope you guys are hanging in there. Can you talk now?

Sent from an NRC Blackberry  
Margaret Doane

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

**From:** Smith, Brooke  
**To:** Doane, Margaret  
**Cc:** Foggie, Kirk  
**Sent:** Thu Mar 17 01:22:57 2011  
**Subject:** Re: Status.

Margie - Email when you get up and we will call you as soon as we are able to. I went to Kanti this morning with Tony N. per Chuck's request. They showed us video imagery of the 1F site, sat images, dose measurements and status of each unit. They also went over status at 2F. This information is consistent with what team members heard from NISA this morning.

Kirk went to NISA this morning and spoke with NISA and JNES on lines of communication and possible placement at the EOC. We will receive realtime updates from NISA, even if they are in Japanese. Kirk received

data on rad levels and water levels at the site that no one previously had. He was also able to setup daily periodic meetings with NISA and JNES whenever the team needs information.

Sent from an NRC Blackberry.

Brooke G. Smith

(b)(6)

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

From: Doane, Margaret

To: Smith, Brooke

Sent: Wed Mar 16 23:46:10 2011

Subject: Re: Status.

Fantastic. Glad you are getting good info.

(b)(5)

(b)(5)

(b)(5)

Stay safe and thank you very much for being on the team, I am very appreciative.

Margie

Sent from an NRC Blackberry

Margaret Doane

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

From: Smith, Brooke

To: Doane, Margaret; Foggie, Kirk

Sent: Wed Mar 16 22:23:00 2011

Subject: Re: Status.

I can't call right now. I'm at Kanti in a status briefing. We are getting a lot of useful information.

Sent from an NRC Blackberry.

Brooke G. Smith

(b)(6)

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

From: Doane, Margaret

To: Foggie, Kirk; Smith, Brooke  
Sent: Wed Mar 16 22:21:36 2011  
Subject: Status.

Hello. Any updates? Can you guys call. I have a couple of questions. Mostly we need to decide if you two should stay, and if so whether you should be replaced. Were you in the 10:00 meeting?

I'm at home call on my cell.

Margie

Sent from an NRC Blackberry  
Margaret Doane

**Doane, Margaret**

---

**From:** McDevitt, Joan  
**Sent:** Thursday, March 17, 2011 8:02 AM  
**To:** Golder, Jennifer  
**Cc:** Mamish, Nader; Peterson, Gordon; Mitchell, Reggie; Ramsey, Jack; Abrams, Charlotte; Dembek, Stephen; Mamish, Nader; Doane, Margaret; Stahl, Eric; Emche, Danielle  
**Subject:** RE: U.S. AID Support to NRC Travelers - Japan

Jennifer, (If you opened, resent to include updated information on grades.

This is what I know as of now:

1. There were 11 people sent to Japan. Of the 11, 9 were provided transportation to Japan. Two others used commercial flights. Not sure if anything was put onto their credit cards or not. I guess that depends on whether U.S. AID paid up front, or is going to pay per diem or not (or for that matter equipment, etc. What I do know is that OIP did work with the Department of State for translation/interpreter services (\$50K).
2. Need to check.
3. I'll need to check with HR as far as grades. I only know for our two people and the Chairman's Office. GG-14 (3 employees); GG-15 (6 employees); and SES (2 employees)

I've been advised to contact U.S. AID, but need trying to connect with two OIP for some information.

I hope to have more information by 9:00 a.m.

---

**From:** Golder, Jennifer  
**Sent:** Wednesday, March 16, 2011 6:12 PM  
**To:** McDevitt, Joan  
**Cc:** Mamish, Nader; Peterson, Gordon; Mitchell, Reggie  
**Subject:** RE: U.S. AID Support to NRC Travelers - Japan  
**Importance:** High

Joan,

OMB is asking for information on a daily basis regarding how much we are spending to support Japan. I need to know the following information by tomorrow morning:

1. Confirmation that 11 people have been sent to Japan – Of the 11 people, I need to know if AID covered their transportation costs and hotel costs. Was anything put on their individual GOV credit cards? Also, we need to know if their per diem, equipment, translation services, and Salaries and Benefits costs are covered by AID.
2. Has OIP spent anything else (CS) to cover assistant to Japan?
3. I need to know the grades of the 11 employees- I believe they are all SES, SLS, or GG-15 – please confirm – are there any other grades?

Thanks

*Jennifer Golder*

Budget Director  
Office of the Chief Financial Officer  
United States Nuclear Regulatory Commission

---

**From:** McDevitt, Joan  
**Sent:** Wednesday, March 16, 2011 4:51 PM  
**To:** Golder, Jennifer  
**Subject:** U.S. AID Support to NRC Travelers - Japan

Jennifer,

Just to let you know, I'll be contacting the U.S. AID to inquire on what support they are providing to NRC's 11 travelers beyond just airfare such as per diem, equipment, and anything else.

Joan

Joan M. McDevitt  
Senior Program Analyst  
Office of International Programs  
U.S. Nuclear Regulatory Commission  
11555 Rockville Pike  
Mailstop O4-E21  
Rockville, MD 20852

Phone: 301-415-6027

BlackBerry: (b)(6)



**Doane, Margaret**

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**From:** Burns, Stephen  
**Sent:** Thursday, March 17, 2011 10:02 AM  
**To:** Doane, Margaret  
**Subject:** FW: Nuclear Liability - Japan

FYI – I haven't digested.

---

**From:** [redacted] (b)(6)  
**Sent:** Thursday, March 17, 2011 9:55 AM  
**To:** [daviesgt@state.gov](mailto:daviesgt@state.gov); [WoodRA3@state.gov](mailto:WoodRA3@state.gov); [schelandmdl@state.gov](mailto:schelandmdl@state.gov); [ben.mcrae@hq.doe.gov](mailto:ben.mcrae@hq.doe.gov); [fladeboeip@state.gov](mailto:fladeboeip@state.gov); [herrik@state.gov](mailto:herrik@state.gov); Burns, Stephen  
**Subject:** Fwd: Nuclear Liability - Japan

FYI. The Japanese nuclear liability issues will take some time to resolve.

---

**From:** [redacted] (b)(6)  
**To:** [w.tonhauser@iaea.org](mailto:w.tonhauser@iaea.org), [k.hammoud@iaea.org](mailto:k.hammoud@iaea.org)  
**CC:** [ben.mcrae@hq.doe.gov](mailto:ben.mcrae@hq.doe.gov)  
**Sent:** 3/17/2011 9:51:30 A.M. Eastern Daylight Time  
**Subj:** Nuclear Liability - Japan

Wolfram and Karim,

Following up on yesterday's email, a leading nuclear law expert in Japan has told me that his tentative conclusion is that the exoneration from liability in the Japanese Nuclear Damage Compensation Act (Article 3) cannot be asserted by the operator of the Fukushima nuclear plant. His reasoning is as follows: It seems that the cause of accident was not an earthquake, but the tsunami. The size of energy of the earthquake might have been "exceptionally grave," but the size of tsunami might not be so. And, even if the tsunami was also "exceptionally grave," in consideration of the location of the Fukushima Site very near to the "Pacific" Ocean, he thinks that even a normal size of tsunami would have destroyed the electric cooling system of the reactor. If so, the operator could not assert the exception provided for in the Article 3. Also, he observed many people are pointing to human error of Tepco in its decision making in response to the non-performance of cooling system after the tsunami. He thinks this puts Tepco in "a bad position" regarding damage to third parties. As indicated in my earlier email, if the exoneration does not apply, I assume the operator would have indemnity from the Japanese Government for the first 120 billion yen (about US\$1.47 billion), and would have unlimited liability above that, unless the Japanese National Diet in its discretion provided additional funds.

Thanks, Omer

Omer F. Brown, II  
Law Office  
2230 California Street, N.W., Suite 2CW  
Washington, D.C. 20008 U.S.A.  
Direct & Voice-Mail: 1-202-842-4711  
Fax: 1-202-328-3544  
E-Mail: [redacted] (b)(6)

**Doane, Margaret**

---

**From:** Jones, Andrea  
**Sent:** Thursday, March 17, 2011 11:30 AM  
**To:** Doane, Margaret; Abrams, Charlotte; Smith, Wilkins; Mamish, Nader  
**Subject:** Fw: request for a meeting

Charlotte, Margie, Will

Please see request for meeting from india embassy for a mtg with the Chairman.

Sent from NRC blackberry.

Andrea R. Jones

(b)(6)

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**From:** Naveen Srivastava E/I Washington <[nsrivastava@indiagov.org](mailto:nsrivastava@indiagov.org)>  
**To:** Jones, Andrea  
**Cc:** Doane, Margaret  
**Sent:** Thu Mar 17 11:17:30 2011  
**Subject:** request for a meeting

Dear Ms. Jones

I was writing to request a meeting for Ambassador Arun K. Singh, Deputy Chief of Mission with NRC Commissioner Dr. Gregory B. Jaczko. Ambassador Singh would like to meet Commissioner Jaczko to get his views on the recent crisis in nuclear power plants in Japan. I shall be grateful if you could help in arranging this meeting.

Regards

Naveen

Naveen Srivastava  
Counsellor (Political)  
Embassy of India  
Tel: 202-939-7084

## Doane, Margaret

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**From:** Stahl, Eric  
**Sent:** Thursday, March 17, 2011 11:44 AM  
**To:** Schwartzman, Jennifer; Abrams, Charlotte; Emche, Danielle; Mayros, Lauren; Afshar-Tous, Mugeh; Bloom, Steven; English, Lance; Owens, Janice; Tobin, Jennifer; Smiroldo, Elizabeth; Shepherd, Jill; Henderson, Karen; Fragoyannis, Nancy; Baker, Stephen; Wittick, Brian  
**Cc:** Doane, Margaret; Young, Francis; Foggie, Kirk; Smith, Brooke; Fehst, Geraldine; Smith, Wilkins; Jones, Andrea; Mamish, Nader; Dembek, Stephen  
**Subject:** OIP Ops Center Coverage: March 21-April 15  
**Attachments:** International Liaison Schedule - March17-20.doc; March 21 - April 15 - International Liaison Schedule.doc

Team OIP –

First of all, thank you for providing input on such short notice concerning OIP's coverage of the international liaison desks in the Ops Center. Attached you will find the coverage sheet from March 21 through April 15. Most of you will work for three days on, followed by six days off. The reason for this is that management believed it was important to maintain staff consistency in the Ops Center, while not overburdening specific people.

Please read the following information carefully:

- I did my best to incorporate when you all preferred to work. Since most people preferred 7am-3pm, this did not always work.
- I did my best to incorporate feedback concerning you leave, CWS and travel into the document, this did not always work.
- If you are scheduled to work a shift that you cannot work (whether because you have leave, have other obligations, are on CWS, etc.), it is your responsibility to find a replacement. I will maintain the master copy, so if there is a change, please email it to me. I will plan on sending out updates to the sheet as necessary every few days.
- In addition to the people who have already been working in the Ops Center or will start shifts there soon, feel free to reach out to Gerri, Wilkins, Andrea, Kirk and Brooke when they return to the office. We have 20+ people in the office who are available and eager to help, so it should not be too difficult to find a replacement when needed.
- At this point, we are under the assumption that we will need two people manning the international liaison desk through April 15. If this changes, we will let you know.

Once again, please look at the coverage spreadsheet closely. Your name may only appear a few times or it may appear 10+ times. In some cases you may have been substituted for people who are away on travel in what may appear to be random fashion. It is your responsibility to show up during your designated shift or to find a replacement for it. If you have any questions or concerns, please reply directly to me only.

Please note: coverage through this Sunday (March 20) has already been finalized. The document with this information is also attached.

Once again, thank you all for your contributions. Everyone understands this has been an overwhelming and challenging time for OIP, but I think everyone's eagerness to help and flexibility have been clearly demonstrated.

**Doane, Margaret**

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**From:** Warren, Roberta  
**Sent:** Thursday, March 17, 2011 1:04 PM  
**To:** Abrams, Charlotte; Doane, Margaret; Mamish, Nader  
**Subject:** FW: Chairman to meet with Ambassador Fujisaki  
  
**Importance:** High

We know that you are all very busy but we wanted you to provide any support you can to this meeting.

Roberta S. Warren  
Policy Advisor for Security and Int'l Programs  
Office of the Chairman  
U.S. NRC  
(301) 415-8044

(b)(6)

(C)

**From:** Pace, Patti  
**Sent:** Thursday, March 17, 2011 12:45 PM  
**To:** Warren, Roberta  
**Cc:** Batkin, Joshua; Coggins, Angela; Bradford, Anna; Pearson, Laura  
**Subject:** Chairman to meet with Ambassador Fujisaki

Hi Bobbi,

Chairman Jaczko is confirmed to meet with Ambassador Ichiro Fujisaki on Friday March 18<sup>th</sup>, 4:00p – 5:00p at the Japanese Embassy in Washington, DC.

Our office was contacted directly by the Japanese Embassy with this meeting request. Once the Chairman agreed, we worked directly with the Embassy to confirm a meeting.

Chairman Jaczko is invited to bring members of his staff but we need to send names over today if possible.

Could you reach out to OIP to request appropriate support for this meeting in terms of briefing materials and if appropriate, OIP staff support for the meeting?

Thank you!

Patti Pace  
Assistant to Chairman Gregory B. Jaczko  
U.S. Nuclear Regulatory Commission  
301-415-1820 (office)  
301-415-3504 (fax)

**Doane, Margaret**

---

**From:** Doane, Margaret  
**Sent:** Thursday, March 17, 2011 1:10 PM  
**To:** Mamish, Nader  
**Cc:** Ramsey, Jack  
**Subject:** RE: Followup on Discussion Regarding USAID Support for NRC Japan Response

(b)(5)

Margie

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**From:** Mamish, Nader  
**Sent:** Thursday, March 17, 2011 12:50 PM  
**To:** Dyer, Jim; Doane, Margaret  
**Cc:** Brown, Milton; Mitchell, Reggie; Golder, Jennifer  
**Subject:** RE: Followup on Discussion Regarding USAID Support for NRC Japan Response

(b)(5)

Thanks

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**From:** Dyer, Jim  
**Sent:** Thursday, March 17, 2011 12:49 PM  
**To:** Doane, Margaret; Mamish, Nader  
**Cc:** Brown, Milton; Mitchell, Reggie; Golder, Jennifer  
**Subject:** Followup on Discussion Regarding USAID Support for NRC Japan Response

Margie/Nader,

(b)(5)

**Doane, Margaret**

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**From:** Breskovic, Clarence  
**Sent:** Thursday, March 17, 2011 2:28 PM  
**To:** Breskovic, Clarence  
**Subject:** GNOSIS News 2011-03-17

~~For Official Use Only~~

OIP Portal: <http://portal.nrc.gov/OCM/ip/default.aspx>  
OIP News Page: <http://portal.nrc.gov/OCM/ip/news/default.aspx>

Global Nuclear Open Source Information Service (GNOSIS) 2011-03-17

## Arms Control

### Iran: Diplomats say new Iran weapons materials seized

Agence France Presse, March 17, 2011 Thursday 8:39 AM GMT: South Korea and Singapore have intercepted suspicious nuclear and weapons materials bound for Iran that breach UN sanctions imposed on the Islamic republic, diplomats said Thursday. The two seizures, made in the past six months but only revealed now, add to a growing list of alleged Iranian attempts to breach an international arms embargo, which are bringing mounting pressure to tighten sanctions, though "South Korea authorities found more than 400 suspicious tubes in a jet cargo at Seoul airport in December," one diplomat told AFP, giving details from a report to the UN Iran sanctions committee.

### Malaysian Police Seize Possible WMD Parts

[Sun2Surf, 16 Mar] KUALA LUMPUR (March 16, 2011): Police seized two containers loaded with parts of equipment believed used to make weapons of mass destruction, including nuclear warheads, from a vessel in Port Klang about 100 miles ago. The contraband, comprising dismantled parts, was found in the containers on board a Malaysian-registered ship that was bound for the Middle-East.

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## Cooperation

### Taiwan Considering Nuclear Safety Mechanism With China

Taipei, March 17 (CNA) -- Taiwan's Atomic Energy Council has started internal discussions on whether to establish a nuclear safety mechanism with China that would allow the two sides to notify each other in case of nuclear disasters, an official said Thursday. The Cabinet-level Mainland Affairs Council (MAC) said Thursday.

### EU Commission Says Technical Team Ready To Leave for Japan

Brussels *EUROPOLITICS* in English 17 Mar 11: The European Commission has announced that a technical evaluation and logistics coordination team of ten people from the MIC (the European civil protection system's information and management mechanism), with a 'radiological and nuclear' component, is ready to head out to Tokyo. In its announcement, on March 17, the Commission also confirmed that the Japanese government had requested humanitarian aid: mattresses, water bottles and water tanks.

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## Energy Policy

### Israeli premier scraps plans for nuclear power plant

Earthtimes, 2011-03-17: Jerusalem - Israeli Prime Minister Benjamin Netanyahu has decided not to go ahead with build a nuclear power plant as a result of the earthquake-induced nuclear disaster in Japan, Israel Radio reported. A government official, speaking on condition of anonymity, confirmed the report. The plant was to have provided e

### Italy nuclear revival grounded by Japan disaster

MILAN, March 17 (Reuters) - Japan's reactor crisis means Italy's plans to reintroduce nuclear power look dead in the wake ahead of a June referendum on the issue. Concern has risen that the Japan disaster may approach the extent of the Chernobyl accident, which was instrumental in turning Italian sentiment against nuclear power in a national referendum in 1987. The government, which had so far stuck to its guns, appeared to soften its stance on the nuclear program. Industry Minister Paolo Romani said on Thursday Italy needed time to reflect on its nuclear programme.

### Indonesia to continue planning for nuclear power plants

JAKARTA, March 16 (Reuters) - Indonesia will continue planning to build nuclear power plants in the earthquake-prone archipelago, despite a nuclear radiation crisis threatening Japan, an official from the national energy board said on Wednesday. Southeast Asia's largest economy is seeing strong economic growth but power supply -- mostly from coal-fired plants -- has been struggling to keep up and brownouts are common. "In relation to nuclear, we are sticking to the bill for long term development which says we must have nuclear power plants by 2019," said Effendi.

### Brazil Nuclear Plans Under Scrutiny After Japan Radiation Leaks

SAO PAULO (Dow Jones, 2011-03-16)--The Japanese nuclear crisis is increasing pressure on Brazilian officials to change Latin American country's plans to increase its nuclear power base, yet some say that decision would have more to do with politics than "technical reasons." Brazil is building its third nuclear power plant, the \$5.1 billion Angra 3, with a generating capacity of 1,405 megawatts, and has plans to build as many as four more plants by 2030. But the recent radiation leaks at Japanese facilities after the earthquake and tsunami there may force a change in the Brazilian government's plans. Representatives have already asked for Brazil's congressional environmental committee to meet to discuss the country's energy plan, which calls for an expansion of nuclear power by at least 5,000 MW over the next two decades.

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## Government & Public Sector

### Belgium Criticizes German Decision To Close Down 7 Nuclear Power Plants

Frankfurt/Main *Frankfurter Allgemeine* 17 Mar 11: The German decision to temporarily close down the country's oldest nuclear power plants has met with criticism in Belgium. While Interior Minister Annemie Turtelboom spoke of a "onesided and frivolous solo action," Energy Minister Paul Magnette warned against the economic consequences. "If one or six countries took this action, energy supply in the EU would have a real problem," the socialist politician said. Magnette, who himself supports a speedy nuclear phaseout, left it open when Belgium will decide on closing down its facilities.

### China Lacks Nuclear Energy Laws, Nuclear Energy Act in Limbo 27 Years

Tokyo *JijiWeb* in Japanese 15 Mar 11: Shanghai - With the accidents at the Fukushima Nuclear Power Station, speculation from China are now expressing concerns about China's lack of legislation that pertains to the safety and management of nuclear power. China is advancing at a rapid pace with the construction of nuclear power plants in order to suppo

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increasing energy demands of its nation and to achieve energy conservation goals. However, 27 years have passed since China embarked on efforts to enact the "Nuclear Energy Act", which would serve as the nation's basic law on nuclear power, but there is still no prospect of a legislative bill being assembled. The 21<sup>st</sup> Century Economy Report, a Chinese newspaper, reported this information on 15 March.

### Lithuanian Parliament Passes Resolution on Belarusian, Russian N-Plant Projects

VILNIUS, Mar 17, BNS -- The Lithuanian parliament on Thursday [ 17 March] passed a resolution on safety of nuclear plants that are planned to be built in Lithuania and close to its borders. Petras Austrevicius, a Liberal Union MP, said Lithuania should "assess" its bilateral relations with Belarus, which plans to build a nuclear power facility just 50 kilometers away from Vilnius. In the resolution, drafted by the parliament's Foreign Affairs Committee, the Seimas (parliament) expressed concern that radiation exposure areas of the planned nuclear power plants in Belarus and Russia's Kaliningrad region spread over to Lithuania's territory and reach the capital of Vilnius and other cities and settlements, and affect the Nemunas River basin.

### Japan and the uses of adversity

The Economist, 2011-03-17: The rest of Asia watches with horror, pity and admiration. FEW bright spots illuminate the bleak sequence of calamities unfolding in Japan. But here are two: the quotidian, stoic heroism with which so many Japanese have responded to devastating loss and terrifying danger; and the outpouring of sympathy and support from around the world. In the many parts of Asia where anti-Japanese sentiment runs deep, the disasters may even be a turning-point in attitudes, bringing a new respect and warmth to perceptions of Japan.

### French lawmakers questioning nuclear executives

Businessweek, 2011-03-16: French lawmakers will question nuclear industry executives about the safety of the nation's nuclear plants in an emergency session called in the wake of Japan's atomic crisis. Wednesday's meeting in the lower house of parliament will include the chiefs of nuclear reactor builder Areva and Electricite de France, the world's biggest manufacturer of nuclear plants.

### Japan: Bungling, cover-ups define Japanese nuclear power

TOKYO (AP) 2011-03-17 — Behind Japan's escalating nuclear crisis sits a scandal-ridden energy industry in a comfy relationship with government regulators often willing to overlook safety lapses. Leaks of radioactive steam and water contaminated with radiation are just part of the disturbing catalog of accidents that have occurred over the years but rarely reported to the public, if at all. In one case, workers hand-mixed uranium in stainless steel buckets, instead of processing by machine, so the fuel could be reused, exposing hundreds of workers to radiation. Two later died. "There is a secret," said Kei Sugaoka, a former nuclear power plant engineer in Japan who now lives in California. "There's not enough transparency in the industry."

### India: Leaked Cable on Bribes for Nuclear Deal Sets Off Furor in India

2011-03-16, NYT: NEW DELHI — India's parliament erupted in outrage on Thursday over a report of an American cable that described insiders in the governing Congress Party showing off chests of money and boasting of paying wavering lawmakers to secure passage of a critical 2008 vote on a landmark civilian nuclear deal between India and the United States. The revelations, contained in a July 18, 2008, cable obtained by Wikileaks, portray a massive, all-out effort by the Congress Party to win a confidence vote in India's parliament that could have toppled the wobbly coalition government and doomed the nuclear deal. In the cable, written five days before the critical vote, a political aide to an influential Congress Party lawmaker told a United States Embassy diplomat that one small regional political party had already been paid millions of dollars in bribes for support.

### China To Crack Down on Hoarding Amid Salt Panic Over Japan's Nuclear Problem



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BEIJING, March 17 (Xinhua) -- China's top economic planner Thursday ordered crackdown on hoarding of daily necessities amid a salt panic spreading throughout the nation. The National Development and Reform Commission said in an notice issued Thursday that local price control authorities should counter rumors about shortages of daily necessities hoarding of these goods. Rumors in some Chinese cities say that radiation has leaked into the sea from the Fukushima Daiichi nuclear power plant, Japan, compromising the safety of salt taken from the sea in the future. Another reason people have rushed to buy is that salt with iodine is believed to help protect people from nuclear radiation.

### EU: Brussels nuclear debate goes into meltdown

EU Observer, 2011-03-17: The European commissioner in charge of climate action, Connie Hedegaard, has signalled decisions on commissioning new energy capacity are "very much likely to be influenced" by the Fukushima nuclear accident in Japan. In an indication of how the European Commission's nuclear thinking is changing, Hedegaard told a European Energy Association (EWEA) conference on 16 March that "we still have a profound choice". "We can say that if we want nuclear, we should have even more cheap fossil fuels to replace it, or we could say: 'Why not use this opportunity to address the necessity of moving towards a low-carbon emissions society?'" "I think we should do that," she added.

### Germany: 'Merkel's Nuclear Realignment Is an Embarrassment'

Der Spiegel, 2011-03-16: Chancellor Angela Merkel's hurried shutdown of seven nuclear reactors in Germany came as a surprise. And it has not been well received. German commentators say that the decision has seriously damaged her credibility.

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## **Industry**

### Insurance industry watches Fukushima nuclear leak closely

Deutsche Welle, 2011-03-17: The highly specialized German Nuclear Reactor Insurance Association (DKVG) partially insures Japan's Fukushima nuclear plant to the tune of tens of millions of euros. But the Cologne-based insurer won't be paying anything. "We do have a stake in the risks in Japan, generally speaking. But the property insurance and liability insurance policies exclude damages from earthquakes, tsunamis and volcanic eruptions," DKVG chief executive Dirk Harbrück told Deutsche Welle.... The DKVG is a complex network that draws on the resources of numerous German insurers and reinsurers. For each nuclear reactor it insures, it covers up to 256 million euros in damage to third parties. Plant operators have to assume unlimited liability for all claims beyond that value, which is why the four large companies operating nuclear reactors in Germany - E.ON, RWE, Vattenfall and EnBW - have banded together in a sort of insurance pact.

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## **Media**

### Social Media: Radiation data being crowdsourced to fill info gaps

Toronto Star, 2011-03-17: Amateur radiation watchers worried about how much information they're getting have started to distribute minute-by-minute data on radiation levels in Japan and the United States. A social and community website in Tokyo, altTokyo.com, has added a constantly updating graph of radiation levels to its regular information events in the Japanese capital. "Geiger inside on a window sill, 2nd floor, been running for months," the site administrator said in explaining his methods to the dozens of new registrants who latched on to his feed on Thursday alone. A YouTube channel also has been uploading and streaming information from other radiation monitoring sites in Japan and Los Angeles.

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## Reactors

### Spanish premier orders safety review at nuclear power plants

Madrid *El Pais.com* in Spanish 17 Mar 11: Madrid: Yesterday Prime Minister Jose Luis Rodriguez Zapatero made a public appearance in the Congress [of Deputies - lower house of parliament] to try to deliver a message of calm at Spanish nuclear power stations following the disaster in Japan. He said that the power plants are safe, but that he asked the Nuclear Safety Council (CSN) for an audit of the conditions at all of them. The analysis refers to the possibility of a natural disaster occurring and checking whether it would affect their installations.

### Armenia to Increase Safety At Nuclear Plant

YEREVAN. March 17 (Interfax) - Armenia plans to boost safety measures at its nuclear power plant, Prime Minister Sargsyan said in the European Parliament's Foreign Affairs Committee in Belgium, the government press center said. "The events in Japan make this especially urgent. Naturally, we are discussing safety improvements at our nuclear power plant with international organizations, responsibility for energy security," Sargsyan said, adding that international organizations and donor countries are assisting Armenia in the effort. IAEA specialists are scheduled to visit Armenia in April, the chairman of the state committee on nuclear security, Ashot Martirosyan, told Interfax. The delegation will include reactor specialists who will study plant operations.

### Philippine Science Secretary Supports Proposal To Open Bataan Nuclear Plant

Manila *Philstar.com* in English 17 Mar 11 : MANILA, Philippines - Amid the developing nuclear crisis in Japan, Science Secretary Mario Montejo expressed support for the opening of the Bataan Nuclear Power Plant (BNPP) but stressed that precautions should be implemented. "From the technical side, the BNPP has also a containment chamber. So, that is similar (to nuclear power plants in Fukushima) but it uses a higher, a different kind of technology even better than in Japan," Montejo said. He said the design load for earthquake of the BNPP is more reliable. Unlike the power plants that were hit by the earthquake in Fukushima, the BNPP was constructed to withstand earthquakes and tsunamis.

### Japan: Russian Experts Believe Fukushima NPP May Be Spared The Worst

MOSCOW. March 17 (Interfax) - Experts from the Kurchatov Institute do not believe in the possibility of a self-induced chain reaction at the Fukushima I nuclear power plant. "I think that the core meltdown of five reactors is the worst that may happen. Most probably, this cannot be avoided," Institute Deputy Director Yaroslav Shtrombakh told a Thursday conference in Moscow. "So far, we believe there is no self-induced chain reaction there," he added.

### China to Build Fourth Generation Nuclear Power Station Independently

SinoCast, March 16, 2011 Wednesday 6:17 AM EST : The construction will start at the end of this month or at the beginning of next month, disclosed Mu Zhanying, general manager of China Nuclear Engineering Group Co. The investment in the project as well as the spending on R&D will reach CNY 5 billion, and it will take approximately four years to complete the project, added the general manager of the nuclear power station builder. The Rongcheng-based nuclear power station project is a joint venture among China Huaneng Group, China Nuclear Engineering Group, and Tsinghua University, each separately with a stake of 47.5, 32.5, and 20 percent. The three parties will jointly construct and operate the project with a total installed capacity of 4 million kilowatts in the long run, China's first high-temperature gas-cooled reactor pilot station. A nuclear power station with the fourth generation technology developed independently by China will soon be built on earth in Rongcheng, a city in the coastal eastern Chinese province of Shandong.

### India: Why should Jaitapur be made a guinea pig for untested reactor?

DNA, March 17, 2011 Thursday: The Japanese are the world's best experts in earthquake-resistant designs. They a

most knowledgeable in protective designs against tsunami impact. Japan is a country that has a superb disaster management organisation throughout their nation, and an often-rehearsed working team to handle such emergencies. In contrast, in India, we are most disorganised and unprepared for the handling of emergencies of any kind of even severity. The Atomic Energy Regulatory Board's (AERB's) disaster preparedness oversight is mostly on paper and their once in a while conduct are half-hearted efforts which amount more to a sham. There needs to be a total re-organisation of the AERB, making it totally independent of the DAE secretary and made technically much stronger recruitment of reputed senior specialists into that organisation. The ethical standards in the PMO, DAE, NPCIL and have fallen considerably, especially since 2004, perhaps because of the current prime minister's direct interference with these institutions to meet the political ends of getting the Indo-US nuclear deal passed through parliament. All nuclear agencies of the government have also colluded with, and were assisted by, large Indian and foreign corporations and their federations interested in the sizeable nuclear power market they are helping to create in India.

### Czech PM Necas Rejects Shutdown of Nuclear Plants

Prague, March 16 (CTK) - The Czech Republic does not plan to shut down its nuclear power plants, Prime Minister Necas (Civic Democrats, ODS) told the Czech Radio today, responding to the events in Japan and the temporary shutdown of seven German reactors. "I cannot imagine that we would shut down nuclear power plants. That would lead to serious problems on the verge of an economic disaster in our country. We will certainly not do this," Necas said. An entire country, such as France, are not at all considering reducing nuclear energy production, he added.

### Japan: Tepco, Others To Discontinue Building Nuke Facilities in Aomori

Aomori, Japan, March 17 Kyodo -- Tokyo Electric Power Co. will discontinue the construction of a new nuclear power plant in Higashidori, Aomori Prefecture, in the wake of severe accidents inflicted on its Fukushima No. 1 nuclear plant in Fukushima Prefecture by last week's catastrophic earthquake and tsunami, a company official said Thursday. Electrolux Development Co., known as J-Power, and Recyclable-Fuel Storage Co., which is partly owned by TEPCO, also told the Aomori prefectural government the same day that they will shelve their respective projects to build nuclear facilities at the time being.

### Japan: Sdf Trucks Begin Shooting Water at Crisis-hit Fukushima Reactor

Tokyo, March 17 Kyodo -- The Self-Defense Forces' fire trucks began shooting high-pressure streams of water Thursday evening at the crisis-hit No. 3 reactor of the Fukushima No. 1 nuclear power plant. The move is part of an unprecedented attempt to cool down the reactor's apparently overheating fuel pool, after SDF helicopters dropped tons of water on the day.

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## **Safety**

### Japan: Fukushima witness: 'The main road out of here is gridlocked; rationing'

EuroNews, March 16, 2011 Wednesday: The residents of crisis-hit Fukushima face an uncertain future. The town is suffering under the weight of a potential nuclear meltdown, a shattered infrastructure, a lack of fuel, gridlocked roads and snow. (If there is a meltdown).. "We will just hop in the car and head directly west to relatives - that's on the way to the other coast, we don't have enough gas to get really much further, but again our options are limited. Going north would be to go through the Sendai area, which will be difficult. Heading south to Tokyo, depending on the wind, Tokyo is just as much at risk of radiation as here. The main road out of here - and you have to remember the expressways are closed to everything except emergency traffic - the main regular road out of here is gridlocked, it is very, very slow going and you get on that road you won't be able to find any more petrol and I don't know what's going to happen after that

## Japan Sets Limits on Radiation for Food

Tokyo, March 17 (Jiji Press) -- Japan's health ministry on Thursday imposed numerical restrictions for radiation levels in food in the wake of radiation leaks from a quake-hit nuclear power plant in Fukushima Prefecture, northeastern Japan. Health, Labor and Welfare Ministry notified prefectural governments of the regulations the same day and urged them to ensure that food with radiation exceeding the levels set under the regulations will not be shipped or sold under the sanitation law. There have so far been no confirmed cases of food breaching the numerical limits, ministry officials said.

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## **Security**

### South Korea: Police Identify Man Responsible for Spreading False Radiation Rumor

SEOUL, March 17 (Yonhap) -- Police said Thursday they have identified the original source of a false radiation rumor that rapidly spread nationwide earlier this week through text messages and social networking Web sites, amid growing concern over a radioactive crisis unfolding from Japan's quake-stricken nuclear plant. The National Police Agency's cyber investigation unit said a 28-year-old Seoul office worker allegedly first spread the warning message to his acquaintances through an online messenger service early Tuesday. The man, identified only by his last name Byun, said he notified others after receiving a fake English message from his Vietnamese friend that warned the Korean Peninsula of possible contamination from the Fukushima nuclear power plant.

### India: Kaiga tritium leak case still unresolved

The Times of India (TOI), March 16, 2011 Wednesday: The tritium poisoning episode at Kaiga Generating Station (KGS) which exposed about 50 employees to increased levels of radiation 16 months ago, remains unsolved though police investigation is still on. Uttara Kannada superintendent of police Raman Gupta told TOI: "There is no breakthrough for cooperation of KGS authorities, Gupta said there's a problem on that count. He added it's a case of mischief. "We are no eyewitness, it's always difficult. There are also some technicalities which are beyond our domain, though we are trying our best to deal with them," he said.

Global Nuclear Open Source Information Service (GNOSIS) 2011-03-17

Clarence Breskovic  
International Policy Analyst  
U.S. Nuclear Regulatory Commission  
Office of International Programs  
11555 Rockville Pike  
Rockville, MD 20852, USA  
Tel: 1-301-415-2364  
Fax: 1-301-415-2395  
Alternate Email: (b)(5)

**Doane, Margaret**

---

**From:** Abrams, Charlotte  
**Sent:** Thursday, March 17, 2011 5:59 PM  
**To:** Doane, Margaret  
**Subject:** FW: is there a noon meeting today?

**Importance:** High

Fyi

(b)(5)

**From:** Abrams, Charlotte  
**Sent:** Thursday, March 17, 2011 1:17 PM  
**To:** Pace, Patti  
**Cc:** Warren, Roberta; Henderson, Karen  
**Subject:** RE: is there a noon meeting today?  
**Importance:** High

Patti-

Thanks for the response. I apologize for not getting back to you yesterday.

(b)(5)

Thanks much.

**From:** Pace, Patti  
**Sent:** Wednesday, March 16, 2011 10:20 AM  
**To:** Abrams, Charlotte  
**Subject:** RE: is there a noon meeting today?

Hi Charlotte,

No, we won't have a noon meeting today. (b)(5)

(b)(5) Any other time sensitive issues? How are you doing?

Thanks,

Patti Pace  
Assistant to Chairman Gregory B. Jaczko  
U.S. Nuclear Regulatory Commission

301-415-1820 (office)  
301-415-3504 (fax)

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**From:** Abrams, Charlotte  
**Sent:** Wednesday, March 16, 2011 10:13 AM  
**To:** Pace, Patti  
**Subject:** is there a noon meeting today?

**Doane, Margaret**

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**From:** Doane, Margaret  
**Sent:** Thursday, March 17, 2011 6:12 PM  
**To:** Coggins, Angela  
**Subject:** Go home recommendation

(b)(6)

Margie

Sent from an NRC Blackberry  
Margaret Doane

**Doane, Margaret**

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**From:** Doane, Margaret  
**Sent:** Thursday, March 17, 2011 10:19 PM  
**To:** Smith, Brooke; Foggie, Kirk  
**Cc:** Casto, Chuck  
**Subject:** Re: Are you available

Kirk and Brooke,

(b)(5)

Just my preliminary thinking.  
Margie

Sent from an NRC Blackberry  
Margaret Doane

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

From: Smith, Brooke  
To: Doane, Margaret  
Sent: Thu Mar 17 19:39:41 2011  
Subject: Are you available

Sent from an NRC Blackberry.  
Brooke G. Smith

(b)(6)



**Doane, Margaret**

---

**From:** Coggins, Angela  
**Sent:** Thursday, March 17, 2011 10:47 PM  
**To:** Doane, Margaret  
**Subject:** Amb mtg

(b)(5)

Thanks!  
Angela

Angela Coggins  
Policy Director  
Office of Chairman Gregory B Jaczko  
US Nuclear Regulatory Commission  
[angela.coggins@nrc.gov](mailto:angela.coggins@nrc.gov)/301-415-1828

**Doane, Margaret**

---

**From:** Smith, Brooke  
**Sent:** Friday, March 18, 2011 12:38 AM  
**To:** Doane, Margaret; Schwartzman, Jennifer; LIA03 Hoc; LIA02 Hoc  
**Subject:** BBC reports

That Amano is coming to Tokyo. Do we have confirmation?

Sent from an NRC Blackberry.  
Brooke G. Smith

(b)(6)

**Doane, Margaret**

---

**From:** Smith, Brooke  
**Sent:** Friday, March 18, 2011 12:42 AM  
**To:** LIA03 Hoc; LIA02 Hoc; Doane, Margaret; Schwartzman, Jennifer  
**Subject:** Amano's visit

Is on IAEA.org. It is confirmed.

Sent from an NRC Blackberry.  
Brooke G. Smith

(b)(6)

## Doane, Margaret

---

**From:** Shaffer, Mark R [ShafferMr@state.gov]  
**Sent:** Friday, March 18, 2011 6:16 AM  
**To:** Doane, Margaret  
**Subject:** Re: TRANSITION REPORT FOR MARCH 17, 2011 11PM (i.e. "not my problem anymore")

Can I also get a copy of the "one-pager" for use to brief Ambassador(s)?

---

**From:** Doane, Margaret <Margaret.Doane@nrc.gov>  
**To:** LIA02 Hoc <LIA02.Hoc@nrc.gov>; Mamish, Nader <Nader.Mamish@nrc.gov>; Abrams, Charlotte <Charlotte.Abrams@nrc.gov>; Wittick, Brian <Brian.Wittick@nrc.gov>; Afshar-Tous, Mugeh <Mugeh.Afshar-Tous@nrc.gov>; Shaffer, Mark R; Smith, Brooke <Brooke.Smith@nrc.gov>; Foggie, Kirk <Kirk.Foggie@nrc.gov>  
**Cc:** Emche, Danielle <Danielle.Emche@nrc.gov>; Stahl, Eric <Eric.Stahl@nrc.gov>; Fragoyannis, Nancy <Nancy.Fragoyannis@nrc.gov>; Dembek, Stephen <Stephen.Dembek@nrc.gov>  
**Sent:** Fri Mar 18 06:10:49 2011  
**Subject:** Re: TRANSITION REPORT FOR MARCH 17, 2011 11PM (i.e. "not my problem anymore")

I specifically asked that they not write summaries but call into the desk. They don't have time or equip.

Sent from an NRC Blackberry  
Margaret Doane

---

**From:** LIA02 Hoc  
**To:** Doane, Margaret; Mamish, Nader; Abrams, Charlotte; Wittick, Brian; Afshar-Tous, Mugeh; Shaffer, Mark R <ShafferMr@state.gov>; Smith, Brooke; Foggie, Kirk  
**Cc:** Emche, Danielle; Stahl, Eric; Fragoyannis, Nancy; Dembek, Stephen  
**Sent:** Thu Mar 17 22:32:06 2011  
**Subject:** TRANSITION REPORT FOR MARCH 17, 2011 11PM (i.e. "not my problem anymore")

**TRANSITION REPORT FOR MARCH 17, 2011 11PM (i.e. "not my problem anymore")**

**NOTE: NOTHING URGENT DURING 3-11PM SHIFT. THE FOLLOWING IS OUR TRANSITION REPORT/LOG:**

1. **Contact with NRC Japan Team.** Eric Stahl and Danielle Emche spoke to Kirk and Brooke at 8:00pm (Washington time). Eric relayed the message about receiving information from Kirk and Brooke for Margie's meeting with the Chairman. Brooke stated that it would be easier to call into the International Liaison desk and provide an overview instead of writing summaries on their blackberries. In addition, Kirk noted to Danielle that it would be helpful if NRC personnel in Japan could be located at TEPCO (two desks). There may also be a way to establish work space at JNES. Danielle will work through her contacts and report back as applicable (no follow-up from LIA desks on this point).
2. **NRC Japan Team Feedback for Margie.** Margie has requested that the 11pm-7am shift make contact with Brooke and Kirk to obtain information concerning their contact with Japanese government authorities throughout the day. This information needs to be turned into a one-pager that will be used by Margie during her 8:30am morning meetings with the Chairman. Recommend one-pager is completed prior to 7am transition. Of particular interest is: general topic of discussion, position/organization of meeting participants, location of meeting, general impression of the discussion, attitude of Japanese, results, important things for the Chairman to know, etc. We are not looking for specific technical information. To not burden Brooke and Kirk, please review SITREPs and ask them to provide the International Liaison desk with bullet points (or whatever is easiest for them) about the specific meetings. International Liaison staff will develop a one-pager based on their feedback.

3. **Ongoing communication with the UK.** As a result of the March 17 2pm call, the PMT made plans to share source term data with the HSE/NII, CNSC, ASN and IRSN representatives on the call, and they have committed to share information with us. Once we receive the UK source term, we need to send the NRC Press Release Dose Assessment Assumptions document and NUREG-1465 (draft email saved to LIA02) back to the UK, Canada and France. Document is saved in "draft email" folder, titled: U.S. Source Term Information and NUREG-1465. Eric reached out to UK ([NSD.EMERGENCY@hse.gsi.gov.uk](mailto:NSD.EMERGENCY@hse.gsi.gov.uk)) concerning when we will receive the UK information and email addresses.
4. **Request from Indonesia.** We had a request from the Indonesian Embassy in Washington to information on how we arrived at the 50-mile evacuation announcement. We provided some very basic information. They have followed up with a request for a phone call or meeting with NRC and their Minister-Counselor. Danielle spoke to Mr. Ricky Ichsan ([ricky.ichsan@embassyofindonesia.org](mailto:ricky.ichsan@embassyofindonesia.org)) at the Embassy at 6:45pm and he said his boss could be available Friday or Monday. Danielle wrote back and suggested Monday after talking to Don Cool (PMT). If Ricky would like to meet sooner, he will email or call us back and let us know.
5. **Japanese Doctoral Student Question.** Mr. Irwanto from the Tokyo Institute of Technology emailed NRC concerning what codes were used in determining the U.S. recommendations for citizens in Japan. Danielle Emche responded to his query. No further action necessary.
6. **IAEA Japan Team.** Based on an ET request, Eric Stahl contacted the IAEA Incident and Emergency Center (IEC) via phone about the arrival, makeup and goals of the IAEA team being sent to Japan. IEC requested we submit the questions via email to [iec6@iaea.org](mailto:iec6@iaea.org). Stahl submitted questions at 9:07pm and follow-up questions at 10:15pm (Washington time). If we see a response, please provide to ET.
7. **Japan Response Email Group.** Kirk has requested that we contact CSC about arranging an email group/distribution for all NRC team members in Japan. This will allow easier communication to/from/amongst the team. The CSC was closed by the time the request was made at 9:30pm (Washington time). Please contact CSC about creating an account for the 11-member team at 6:00am and confirm its creation with Kirk.
8. **French Query.** Eric Stahl received an email from Thomas Mieusset ([Thomas.MIEUSSET@asn.fr](mailto:Thomas.MIEUSSET@asn.fr)) U.S. Desk Officer at the French Nuclear Safety Authority (ASN) at 9:46pm. Questions were forwarded to PMT. Please check with PMT around 12am and provide any response to Mr. Mieusset (and CC Eric Stahl, France Desk Officer).
9. **Egyptian Query.** Mugeh has been asked to check into the status of a question received from Egypt. Once she determines who the person is, we should respond appropriately.
10. **NHK Query concerning 2000 Sandia Test.** NHK (Japan TV), through NEA, has requested information about Sandia testing done in 2000. Email was sent to RES (Dehn, Sangimino, Eisenberg, Calvo). If you receive a response from RES, please send email to Jen Schwartzman and Janice Dunn Lee ([Janice.DUNNLEE@oecd.org](mailto:Janice.DUNNLEE@oecd.org)).
11. **ENAC.** Please continue to regularly check ENAC for newly-posted documents. The translators are doing a great job working with the Japanese-language material and communicating with RST and PMT personnel.
12. **Reminder to Keep Mark Shaffer in-the-loop.** A friendly reminder to keep Mark Shaffer apprised of any new information at [shaffermr@state.gov](mailto:shaffermr@state.gov), regardless of time of day, regardless of whether he is in the office or asleep.

Eric, Danielle, Steve and Nancy

13.

**Doane, Margaret**

---

**From:** Schwartzman, Jennifer  
**Sent:** Friday, March 18, 2011 6:47 AM  
**To:** Breskovic, Clarence; Doane, Margaret; Henderson, Karen  
**Subject:** RE: IAEA plans special meeting Monday on Japan nuclear plants

Yes - it's set for 11 AM.

---

**From:** Breskovic, Clarence  
**Sent:** Friday, March 18, 2011 6:38 AM  
**To:** Doane, Margaret; Schwartzman, Jennifer; Henderson, Karen  
**Subject:** IAEA plans special meeting Monday on Japan nuclear plants

18 Mar 2011 10:23

TOKYO, March 18 (Reuters) - The head of the International Atomic Energy Agency said on Friday that the U.N. atomic watchdog plans to hold an extraordinary meeting on Japan's nuclear plants next Monday. Yukiya Amano, the head of the agency, announced plans for the meeting during a news conference in Tokyo.

Clarence Breskovic  
International Policy Analyst  
U.S. Nuclear Regulatory Commission  
Office of International Programs  
11555 Rockville Pike  
Rockville, MD 20852, USA  
Tel: 1-301-415-2364  
Fax: 1-301-415-2395  
Alternate Email: (b)(6)

**Doane, Margaret**

---

**From:** Doane, Margaret  
**Sent:** Friday, March 18, 2011 9:30 AM  
**To:** Itzkowitz, Marvin  
**Subject:** Re: Japan and Assistance Convention

Thanks.

Sent from an NRC Blackberry  
Margaret Doane

---

**From:** Itzkowitz, Marvin  
**To:** Doane, Margaret; Maxin, Mark; Abrams, Charlotte; Burns, Stephen; Rothschild, Trip  
**Cc:** Mamish, Nader  
**Sent:** Fri Mar 18 09:20:10 2011  
**Subject:** RE: Japan and Assistance Convention

Trip will contact Julie and take it from there.

---

**From:** Doane, Margaret  
**Sent:** Friday, March 18, 2011 9:15 AM  
**To:** Maxin, Mark; Abrams, Charlotte; Burns, Stephen; Rothschild, Trip; Itzkowitz, Marvin  
**Cc:** Mamish, Nader  
**Subject:** Re: Japan and Assistance Convention

Steve, this is who advises us on Treaties.

Sent from an NRC Blackberry  
Margaret Doane

---

**From:** Maxin, Mark  
**To:** Abrams, Charlotte  
**Cc:** Doane, Margaret; Mamish, Nader  
**Sent:** Fri Mar 18 09:01:30 2011  
**Subject:** FW: Japan and Assistance Convention

Charlotte,

(b)(5)

Mark

Mark J Maxin  
Assistant General Counsel for Administration  
Office of the General Counsel  
U.S. Nuclear Regulatory Commission

11555 Rockville Pike  
Rockville, Md. 20852  
301-415-1554

---

**From:** Herr, Julie K [<mailto:HERRJK@state.gov>]  
**Sent:** Friday, March 18, 2011 8:33 AM  
**To:** Maxin, Mark  
**Subject:** Re: Japan and Assistance Convention

Mark thanks. Julie

---

**From:** Maxin, Mark [<mailto:Mark.Maxin@nrc.gov>]  
**Sent:** Friday, March 18, 2011 08:15 AM  
**To:** Herr, Julie K  
**Subject:** RE: Japan and Assistance Convention

Julie, I will get back to you on this as soon as practicable...

Mark J Maxin  
Assistant General Counsel for Administration  
Office of the General Counsel  
U.S. Nuclear Regulatory Commission  
11555 Rockville Pike  
Rockville, Md. 20852  
301-415-1554

---

**From:** Herr, Julie K [<mailto:HERRJK@state.gov>]  
**Sent:** Thursday, March 17, 2011 8:25 PM  
**To:** Maxin, Mark  
**Cc:** Tampio, A Jesse  
**Subject:** Japan and Assistance Convention

Mark, I am an attorney in the Office of the Legal Adviser at State, and I am working on the Japan situation with lots of others. (b)(5)

(b)(5)

I would appreciate your letting me know who on your staff is handling this issue, so that we can coordinate on the legal end of this.

Many thanks, Julie Herr (202-647-1865)

SBU  
This email is UNCLASSIFIED.



**Doane, Margaret**

---

**From:** Stahl, Eric  
**Sent:** Friday, March 18, 2011 8:34 AM  
**To:** Doane, Margaret; Mamish, Nader; Abrams, Charlotte; Dembek, Stephen; LIA02 Hoc; LIA03 Hoc; Schwartzman, Jennifer  
**Cc:** Smiroldo, Elizabeth  
**Subject:** FW: FRANCE: INITIAL REACTION TO FUKUSHIMA NUCLEAR ACCIDENT

FYI - please see the cable below from Embassy-France concerning the Fukushima situation (highlights are mine). No action requested.

**From:** Maerke, Frederic W [mailto:MaerkeFW@state.gov]  
**Sent:** Friday, March 18, 2011 5:43 AM  
**To:** Stahl, Eric  
**Cc:** Clapper, Maureen X; McCawley, David; Bofill, Mariju L; Sherman, Nicholas W  
**Subject:** FW: FRANCE: INITIAL REACTION TO FUKUSHIMA NUCLEAR ACCIDENT

Eric,  
Here is the Embassy's cable on France written by the USDOE PMF Nick Sherman, who is with us for 4 months. Please distribute it within the NRC.  
Regards,  
Frederic

This email is UNCLASSIFIED.

---

**Subject:** FRANCE: INITIAL REACTION TO FUKUSHIMA NUCLEAR ACCIDENT

**UNCLASSIFIED**



(b)(5)

(b)(5)

(b)(5)

(b)(5)

**Doane, Margaret**

---

**From:** Fragoyannis, Nancy  
**Sent:** Friday, March 18, 2011 9:33 AM  
**To:** LIA02 Hoc; Doane, Margaret; Mamish, Nader; Abrams, Charlotte; Wittick, Brian; Afshar-Tous, Mugeh; 'ShafferMR@state.gov'; Smith, Brooke; Foggie, Kirk  
**Cc:** Emche, Danielle; Stahl, Eric; Dembek, Stephen; LIA03 Hoc; LIA06 Hoc  
**Subject:** Re: TRANSITION REPORT FOR MARCH 17, 2011 11PM (i.e. "not my problem anymore")

It wouldn't be a bad idea to include everyone who is working in the ops center. That way everyone is up to speed on current activities. Some of the items will be active for days.

Nancy

Nancy Fragoyannis  
Sent from NRC Blackberry

(b)(6)

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**From:** LIA02 Hoc  
**To:** LIA02 Hoc; Doane, Margaret; Mamish, Nader; Abrams, Charlotte; Wittick, Brian; Afshar-Tous, Mugeh; Shaffer, Mark R <ShafferMr@state.gov>; Smith, Brooke; Foggie, Kirk  
**Cc:** Emche, Danielle; Stahl, Eric; Fragoyannis, Nancy; Dembek, Stephen; LIA03 Hoc; LIA06 Hoc  
**Sent:** Fri Mar 18 07:35:57 2011  
**Subject:** RE: TRANSITION REPORT FOR MARCH 17, 2011 11PM (i.e. "not my problem anymore")

All, Jen Schwartzman somehow fell off the distribution for these transition reports. Please make sure you include her and others who are covering impending shifts.

---

**From:** LIA02 Hoc  
**Sent:** Friday, March 18, 2011 6:56 AM  
**To:** Doane, Margaret; Mamish, Nader; Abrams, Charlotte; Wittick, Brian; Afshar-Tous, Mugeh; Shaffer, Mark R; Smith, Brooke; Foggie, Kirk  
**Cc:** Emche, Danielle; Stahl, Eric; Fragoyannis, Nancy; Dembek, Stephen; LIA03 Hoc; LIA02 Hoc; LIA06 Hoc  
**Subject:** RE: TRANSITION REPORT FOR MARCH 17, 2011 11PM (i.e. "not my problem anymore")

**TRANSITION REPORT FOR MARCH 18, 2011 7 AM**

1. Japan Team requested an update to the Status of Fukushima Daiichi Nuclear Power Stations - Units 1-6 to brief the U.S. Ambassador in Japan. They were unable to open the attachment. Fax was sent to them at 23:59.
2. Reminder to Keep Mark Shaffer in-the-loop. A friendly reminder to keep Mark Shaffer apprised of any new information at shaffermr@state.gov, regardless of time of day, regardless of whether he is in the office or asleep. Especially Cc Mark on all communication to IAEA.
3. ENAC. Please continue to regularly check ENAC for newly-posted documents. The translators are doing a great job working with the Japanese-language material and communicating with RST and PMT personnel.
4. NHK Query concerning 2000 Sandia Test. NHK (Japan TV), through NEA, has requested information about Sandia testing done in 2000 related to RPV strength related to pressure and blasts. Email was sent to RES (Dehn, Sangimino, Eisenberg, Calvo). If you receive a response from RES, please send email to Jen Schwartzman and Janice Dunn Lee ([Janice.DUNNLEE@oecd.org](mailto:Janice.DUNNLEE@oecd.org)).
5. Mary Virgilio held a call with IAEA to discuss status and challenges in dealing with the Japanese accident. Call results communicated separately.
6. Egyptian Query. Mugeh has been asked to check into the status of a question received from Egypt. Once she determines who the person is, we should respond appropriately.

7. French Query. Eric Stahl received an email from Thomas Mieusset (Thomas.MIEUSSET@asn.fr) U.S. Desk Officer at the French Nuclear Safety Authority (ASN) at 9:46pm. Questions were forwarded to PMT. The email was forwarded to PMT; subsequently redirected to federal liaison for query to DHS (CBP & TSA) as it pertained to border detection issues.
8. Japan Response Email Group. Kirk has requested that we contact CSC about arranging an email group/distribution for all NRC team members in Japan. This will allow easier communication to/from/amongst the team. The CSC was closed by the time the request was made at 9:30pm (Washington time). Please contact CSC about creating an account for the 11-member team and confirm its creation with Kirk.
9. IAEA Japan Team. Based on an ET request, Eric Stahl contacted the IAEA Incident and Emergency Center (IEC) via phone about the arrival, makeup and goals of the IAEA team being sent to Japan. IEC requested we submit the questions via email to [iec6@iaea.org](mailto:iec6@iaea.org). Stahl submitted questions at 9:07pm and follow-up questions at 10:15pm (Washington time). Subsequently queried on midwatch and told IAEA needed to have a meeting to discuss whether the names would be disclosed. It was determined that the team consisted of 2 rad monitoring techs. If names are provided give to ET.
10. Put names of watch stander on emails; inform Brooke and Kirk when shift changes.
11. Request from Indonesia. We had a request from the Indonesian Embassy in Washington to information on how we arrived at the 50-mile evacuation announcement. We provided some very basic information. They have followed up with a request for a phone call or meeting with NRC and their Minister-Counselor. Danielle spoke to Mr. Ricky Ichsan ([ricky.ichsan@embassyofindonesia.org](mailto:ricky.ichsan@embassyofindonesia.org)) at the Embassy at 6:45pm and he said his boss could be available Friday or Monday. Danielle wrote back and suggested Monday after talking to Don Cool (PMT). If Ricky would like to meet sooner, he will email or call us back and let us know.
12. TEPCO has authorized one NRC person to be stationed at TEPCO. Location and plans TBD.
13. NRC Japan Team Feedback for Margie. Margie has requested that the 11pm-7am shift make contact with Brooke and Kirk (by phone) to obtain information concerning their contact with Japanese government authorities throughout the day. This information needs to be turned into a one-pager that will be used by Margie during her 8:30am morning meetings with the Chairman. One-pager should be completed and sent prior to 7am transition. Of particular interest is: general topic of discussion, position/organization of meeting participants, location of meeting, general impression of the discussion, attitude of Japanese, results, important things for the Chairman to know, etc. We are not looking for specific technical information.
14. Ongoing communication with the UK. As a result of the March 17 2pm call, the PMT made plans to share source term data with the HSE/NII, CNSC, ASN and IRSN representatives on the call, and they have committed to share information with us. Once we receive the UK source term, we need to send the NRC Press Release Dose Assessment Assumptions document and NUREG-1465 (draft email saved to LIA02) back to the UK, Canada and France. Document is saved in "draft email" folder, titled: U.S. Source Term Information and NUREG-1465. Eric reached out to UK ([NSD.EMERGENCY@hse.gsi.gov.uk](mailto:NSD.EMERGENCY@hse.gsi.gov.uk)) concerning when we will receive the UK information and email addresses.
15. For Friday 3/18/2011 the NRC team has met with the following: The exact titles of staff are unknown. 1) at 9:00 a.m. with Japan's Ministry of Defense. The meeting was very positive and they were forthcoming with information. They discussed the use of pumps that NRC has planned. 2) at 10:00 a.m. with TEPCO. The meeting was not very fruitful. (Note: the Head of TEPCO is @ Fukushima City and is not in Tokyo to meet). 3) at 1300 KANTEI had requested a meeting with only two members of the NRC team. Tony Ulyses, Tony Nakanishi and the translator were at the meeting at the time of our call; 4) Meeting with NISA later in the day; 5) Meeting with JNES later in the day and 6) another meeting with TEPCO as they have two meetings with TEPCO per day 7) The NRC Team in Japan is scheduled to meet with 2 members of the Russian team in Japan.
16. Urgently Request for Valerie Kerben/NRC Security to pass their security clearance to Cynthia Hoof at [HoofC@State.gov](mailto:HoofC@State.gov) or [HoofC@State.sgov.gov](mailto:HoofC@State.sgov.gov). Her phone number is (b)(5)
17. Ensure International updates are put in the HOO Status Update and posted on the LT status board.

Brian and Mugeh

**Doane, Margaret**

---

**From:** Mamish, Nader  
**Sent:** Friday, March 18, 2011 9:51 AM  
**To:** Dembek, Stephen  
**Cc:** Doane, Margaret  
**Subject:** Re: My G-8 NSSG Trip Next Week

Great - tx.

Sent from my NRC blackberry  
Nader Mamish

(b)(6)

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

**From:** Dembek, Stephen  
**To:** Mamish, Nader  
**Cc:** Doane, Margaret  
**Sent:** Fri Mar 18 09:08:04 2011  
**Subject:** RE: My G-8 NSSG Trip Next Week

At this point, I recommend I go. I think the Japanese nuclear accidents will be discussed by the group and I think I can have an active role in the discussions.

Steve

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

**From:** Mamish, Nader  
**Sent:** Thursday, March 17, 2011 12:41 PM  
**To:** Dembek, Stephen  
**Cc:** Doane, Margaret  
**Subject:** RE: My G-8 NSSG Trip Next Week

What do you recommend?

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

**From:** Dembek, Stephen  
**Sent:** Thursday, March 17, 2011 12:11 PM  
**To:** Mamish, Nader; Doane, Margaret  
**Subject:** My G-8 NSSG Trip Next Week

Margie & Nader,

I'm scheduled to leave for Paris late on March 22 and return on March 26 for the G-8 NSSG meeting. Should I cancel this trip?

Steve

**Doane, Margaret**

---

**From:** Schwartzman, Jennifer  
**Sent:** Friday, March 18, 2011 9:51 AM  
**To:** Doane, Margaret  
**Cc:** Pearson, Laura  
**Subject:** Fw: IAEA/BOG: Special Session: March 21, 11:00 a.m. (VIC/M/Boardroom A)  
**Attachments:** BOG-special-21MAR11-agenda.pdf; BOG-special-21MAR11-Note-by-the-Chairman.pdf

Sent from an NRC Blackberry

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**From:** Shaffer, Mark R <[ShafferMr@state.gov](mailto:ShafferMr@state.gov)>  
**To:** Schwartzman, Jennifer  
**Sent:** Fri Mar 18 09:50:11 2011  
**Subject:** Fw: IAEA/BOG: Special Session: March 21, 11:00 a.m. (VIC/M/Boardroom A)

---

**From:** Buck, Christopher L  
**To:** IAEA Vienna  
**Sent:** Fri Mar 18 09:24:29 2011  
**Subject:** Fw: IAEA/BOG: Special Session: March 21, 11:00 a.m. (VIC/M/Boardroom A)

FYI

---

**From:** Christopher Buck [redacted] (b)(6)  
**To:** Buck, Christopher L  
**Sent:** Fri Mar 18 09:20:01 2011  
**Subject:** IAEA/BOG: Special Session: March 21, 11:00 a.m. (VIC/M/Boardroom A)





## Board of Governors

**GOV/2011/19**  
Date: 17 March 2011

**Restricted Distribution**  
Original: English

~~For official use only~~

## Provisional agenda

for meetings starting on Monday, 21 March 2011 at 11:00 a.m.

(b)(4)



**IAEA**

*Atoms for Peace*

الوكالة الدولية للطاقة الذرية  
国际原子能机构  
International Atomic Energy Agency  
Agence internationale de l'énergie atomique  
Международное агентство по атомной энергии  
Organismo Internacional de Energía Atómica

Vienna International Centre, PO Box 100, 1400 Vienna, Austria  
Phone: (+43 1) 2600 • Fax: (+43 1) 26007  
Email: [Official.Mail@iaea.org](mailto:Official.Mail@iaea.org) • Internet: <http://www.iaea.org>

In reply please refer to:  
Dial directly to extension. (+431) 2600-21010

(b)(4)

Attachment

Copy to all Members of the Agency

**Doane, Margaret**

---

**From:** Itzkowitz, Marvin  
**Sent:** Friday, March 18, 2011 10:32 AM  
**To:** Rothschild, Trip; Burns, Stephen; Doane, Margaret; Ramsey, Jack  
**Cc:** Maxin, Mark; StAmour, Norman  
**Subject:** RE: Liability

~~ATTORNEY-CLIENT INFORMATION~~

(b)(5)

**From:** Rothschild, Trip  
**Sent:** Friday, March 18, 2011 10:21 AM  
**To:** Burns, Stephen; Doane, Margaret; Ramsey, Jack  
**Cc:** Itzkowitz, Marvin; Maxin, Mark; StAmour, Norman  
**Subject:** Liability

~~ATTORNEY-CLIENT INFORMATION~~

(b)(5)

**Doane, Margaret**

---

**From:** Fragoyannis, Nancy  
**Sent:** Friday, March 18, 2011 10:49 AM  
**To:** Doane, Margaret; Schwartzman, Jennifer; Mamish, Nader  
**Subject:** Fw: URGENT URGENT Fw: WikiLeaks: 09 UNVIE 536

(b)(5)

Nancy

Nancy Fragoyannis  
Sent from NRC Blackberry

(b)(6)

---

**From:** Schwartzman, Jennifer  
**To:** Doane, Margaret; Mamish, Nader  
**Cc:** Fragoyannis, Nancy  
**Sent:** Fri Mar 18 09:50:30 2011  
**Subject:** URGENT URGENT Fw: WikiLeaks: 09 UNVIE 536

FYI URGENT  
Sent from an NRC Blackberry

---

**From:** Shaffer, Mark R <ShafferMr@state.gov>  
**To:** LIA02 Hoc  
**Cc:** Schwartzman, Jennifer  
**Sent:** Fri Mar 18 09:47:06 2011  
**Subject:** Fw: WikiLeaks: 09 UNVIE 536

You should make Virgilio, Doane, etc aware of this in case Chairman gets asked what he thinks about it...the media are going to have a field day with this..

---

**From:** Hall-Godfrey, Jennifer J  
**To:** Stratford, Richard J; Burkart, Alex R; Connor, Julie G; Milich, Daniel S; Wong, Yvette M; Hanson, Evan A; Cook, Nerissa J; Cooper, Kurtis A; Schlachter, Mark M; Clark, Jeanne L  
**Cc:** Scheland, Mark DL; Cooper, Nathan J; Shaffer, Mark R; Wood, Robert A  
**Sent:** Fri Mar 18 09:34:37 2011  
**Subject:** WikiLeaks: 09 UNVIE 536

I just sent an e-mail high side re the publication on WikiLeaks of (allegedly) 09 UNVIE 536, which details significant criticism of previous DDG for Safety and Security Taniguchi, characterizing him as a weak manager and leader who hindered the Safety and Security Department. The cable's release obviously is meant to imply a connection between Fukushima and weaknesses within the Department of Safety and Security, particularly while under Japanese management. I wrote on the high side that media had not yet picked up the cable, but when I came back to my office, I see Reuters has, see below, combining it with reporting out of Japan.

Aside from the Japanese angle, the cable details our views on possible successors to Taniguchi, in particular voicing significant concern over a possible French successor, noting that France has an unhealthy influence over Safety and Security and detailing interplay between Areva/the French nuclear industry and the French government.

## **Reuters: Japanese power companies hid nuclear safety problems: WikiLeaks**

March 17, 2011

Tom Miles

HEINZ-PETER BADER/REUTERS

BEIJING—Eighteen months before Japan's radiation crisis, U.S. diplomats had lambasted the safety chief of the world's atomic watchdog for incompetence, especially when it came to the nuclear power industry in his homeland, Japan.

Cables sent from the U.S. embassy in Vienna to Washington, which were obtained by WikiLeaks and reviewed by Reuters, singled out Tomihiro Taniuchi, until last year head of safety and security at the International Atomic Energy Agency (IAEA).

"For the past 10 years, the department has suffered tremendously because of (deputy director general) Taniguchi's weak management and leadership skills," said one dispatch on Dec. 1, 2009.

"Taniguchi has been a weak manager and advocate, particularly with respect to confronting Japan's own safety practices, and he is a particular disappointment to the United States for his unloved-step-child treatment of the Office of Nuclear Security," said another, which was sent on July 7, 2009.

The IAEA does not comment on the contents of leaked cables.

The evidence of concern about the Japanese national surfaced as his country scrambled to avert a lethal spread of radiation from earthquake-damaged nuclear reactors north of Tokyo.

Japan's crisis has brought scrutiny of its nuclear authorities and, in particular, the operator of the stricken reactors, which has a history of falsifying data at its plants.

Separate cables quoted a Japanese lawmaker as telling visiting U.S. officials in October 2008 that power companies in Japan were hiding nuclear safety problems and being given an easy ride on commitments to renewable energy by the government.

Taro Kono, a supporter of renewable energy who in 2009 bid unsuccessfully for leadership of his Liberal Democratic Party (LDP), also said Japan had no solution for nuclear waste storage. He asked if there was anywhere appropriate to store waste given that Japan was the "land of volcanoes."

Kono was not immediately available for comment.

## **TOKYO ELECTRIC HAS ROCKY PAST**

The operator of the Fukushima Daiichi plant now at the centre of the crisis – the Tokyo Electric Power Co (TEPCO) – has had a rocky past in an industry plagued by scandal.

Five TEPCO executives resigned in 2002 over suspected falsification of nuclear plant safety records and five reactors were forced to stop operations.

In 2006, the government ordered TEPCO to check past data after it reported finding falsification of coolant water temperatures at its Fukushima Daiichi plant in 1985 and 1988, and that the tweaked data was used in mandatory inspections at the plant, which were completed in October 2005.

The risk of earthquakes and tsunamis was already well known before last Friday's massive earthquake, but many of Japan's nuclear power plants, including the now-crippled Fukushima complex, were built before the most modern safety standards.

An unnamed IAEA official told the G8 Nuclear Safety and Security Group in December 2008 that guidelines for seismic safety had only been revised three times in the past 35 years and that the IAEA was re-examining them, another WikiLeaks cable showed.

"Also, the presenter noted recent earthquakes in some cases have exceeded the design basis for some nuclear plants, and that this is a serious problem that is now driving seismic safety work," the cable said.

## **'EVERYTHING IS A SECRET'**

Leaks of radioactive steam and workers contaminated with radiation are just part of the disturbing catalogue of accidents that have occurred over the years and been belatedly reported to the public, if at all, the Associated Press reports.

In one case, workers hand-mixed uranium in stainless steel buckets, instead of processing by machine, so the fuel could be reused, exposing hundreds of workers to radiation. Two later died.

"Everything is a secret," said Kei Sugaoka, a former nuclear power plant engineer in Japan who now lives in California. "There's not enough transparency in the industry."

Sugaoka worked at the same utility that runs the Fukushima Dai-ichi nuclear plant where workers are racing to prevent a full meltdown following Friday's 9.0 magnitude quake and tsunami.

In 1989 Sugaoka received an order that horrified him: edit out footage showing cracks in plant steam pipes in video being submitted to regulators. Sugaoka alerted his superiors in the Tokyo Electric Power Co., but nothing happened. He decided to go public in 2000. Three Tepco executives lost their jobs.

Competence and transparency issues aside, some say it's just too dangerous to build nuclear plants in an earthquake-prone nation like Japan, where land can liquefy during a major temblor.

"You're building on a heap of tofu," said Philip White of Tokyo-based Citizens' Nuclear Information Center, a group of scientists and activists who have opposed nuclear power since 1975.

"There is absolutely no reason to trust them," he said of those that run Japan's nuclear power plants.

## **REPORT WANTED PLANTS FAR FROM SEA**

IAEA Director General Yukiya Amano said on Wednesday before leaving for Japan that the agency had been trying continuously to help improve the safety of nuclear plants against earthquakes.

A draft IAEA report on safety standards, published in October 2009, recommended that nuclear power plants be located more than 10 kilometres from the sea or ocean shoreline, or more than one km from a lake or fjord shoreline; or at an elevation of more than 50 metres from the mean water level.

"To my knowledge, all of the nuclear power plants in Japan are located quite close to the ocean," said Daniel Aldrich, author of *Site fights*, a book about how decisions were taken on where to build nuclear power plants in Japan and elsewhere.

"This is for two reasons: 1) normally, cooling pipes carry in seawater through the reactor unit and cool it off, and then dump the warmer water back in the ocean (these pipes are not functioning normally at this point), and 2) these areas are remote, far from high population density areas, and they have the least resistance from civil society," he said in emailed comments.

The latest IAEA recommendations are far more stringent than the original standards set for Japanese plants. The six reactors at the Daiichi facility were commissioned between 1971 and 1979, while two other Japanese nuclear reactors date back to 1970.

"An anomalous magnitude 9.0 scale is far beyond the assumed safety standard when Fukushima Daiichi Nuclear Power Station started up forty years ago," Yu Shibutani, director of Energy Geopolitics Ltd of Japan, said in an email to Reuters.

"The tsunami walls either should have been built higher, or the generators should have been placed on higher ground to withstand potential flooding, but it has failed.

"The accident exposes shortcomings in risk analysis as well as in engineering, and also the plant didn't meet safety standards in both quake and tsunami wall."

*Jennifer Hall Godfrey  
Public Affairs Officer  
U.S. Mission to International Organizations  
Vienna, Austria*

*HallGodfreyJJ@state.gov  
+43-1-31339-4726  
<http://vienna.usmission.gov>*





**Doane, Margaret**

---

**From:** Ramsey, Jack  
**Sent:** Friday, March 18, 2011 11:18 AM  
**To:** Doane, Margaret; Gratton, Christopher; Mamish, Nader  
**Subject:** RE: Slide input  
**Attachments:** International Perspectives.pptx; Talking Points for March 21 Comm Brief on Japan.docx

This is initial draft. Haven't had time to get any internal review, clearance, etc.

---

**From:** Doane, Margaret  
**Sent:** Friday, March 18, 2011 11:16 AM  
**To:** Gratton, Christopher  
**Cc:** Ramsey, Jack  
**Subject:** RE: Slide input

Jack Ramsey is putting it together now. Thanks.

---

**From:** Gratton, Christopher  
**Sent:** Friday, March 18, 2011 11:08 AM  
**To:** Doane, Margaret  
**Subject:** Slide input  
**Importance:** High

Margaret, do I have your input for Monday's Commission brief. If you have already sent the info can you resend it to me and I can get it in the package.

Thanks.....CG

# International Perspectives

(b)(5)

Talking Points  
Commission Briefing on Japanese Event  
March 21, 2011

(b)(5)

**Doane, Margaret**

---

**From:** Dorman, Dan  
**Sent:** Friday, March 18, 2011 12:05 PM  
**To:** Evans, Michele; Doane, Margaret; Mamish, Nader  
**Subject:** RE: deployment to Japan - 1 pm call

Got it. Thanks

---

**From:** Evans, Michele  
**Sent:** Friday, March 18, 2011 12:00 PM  
**To:** Dorman, Dan; Doane, Margaret; Mamish, Nader  
**Subject:** deployment to Japan - 1 pm call

Dan,

I was supposed to tell you that you were the one, but I am pretty sure you know that already.

My understanding is that you were going to call in to speak with Margie and Nader at 1 pm. I set up a bridge so that I could be part of that call.

(b)(6)

passcode (b)(6) #

thanks

*Michele*

**Doane, Margaret**

---

**From:** Evans, Michele  
**Sent:** Friday, March 18, 2011 12:00 PM  
**To:** Dorman, Dan; Doane, Margaret; Mamish, Nader  
**Subject:** deployment to Japan - 1 pm call

Dan,

I was supposed to tell you that you were the one, but I am pretty sure you know that already.

My understanding is that you were going to call in to speak with Margie and Nader at 1 pm. I set up a bridge so that I could be part of that call.

passcode  #

thanks

*Michele*

**Doane, Margaret**

---

**From:** Doane, Margaret  
**Sent:** Friday, March 18, 2011 12:16 PM  
**To:** Abrams, Charlotte  
**Cc:** Mamish, Nader  
**Subject:** Additional Information regarding the Japan Amb. visit

Charlotte,

(b)(5)

Margie

**Doane, Margaret**

---

**From:** Burns, Stephen  
**Sent:** Friday, March 18, 2011 12:25 PM  
**To:** Rothschild, Trip; Itzkowitz, Marvin  
**Cc:** Doane, Margaret  
**Subject:** FW: Agenda for Today's Discussion on Japan

FYI – see question 3. PLE/SOE, here we go again!

**From:** Bahar, Michael [mailto:(b)(6)]  
**Sent:** Friday, March 18, 2011 12:11 PM  
**To:** 'Moreno, Ignacia (ENRD)'; 'Johnson, Jeh Charles, Hon, DoD OGC'; 'Koh, Harold (STATE)'; 'Fong, Ivan'; 'samantha.ferrell@hhs.gov'; 'Sean.Lev@hq.doe.gov'; 'Mallory.brenda@epa.gov'; 'Romero, Ramona'; 'robert.rivkin@dot.gov'; 'ckerry@doc.gov'; 'lgomer@usaid.gov'; Burns, Stephen; 'mary.anne.gibbons@usps.gov'; Verrilli, Don; Bershteyn, Boris; DeRosa, Mary B.  
**Cc:** 'Payne, James (ENRD)'; 'Strauss, Jordan (NSD)'; 'Sorgente, Natalia (ENRD)'; 'Wardzinski, Karen (ENRD)'; 'Simms, Patrice (ENRD)'; Havranek, John; 'Sullivan, David J'  
**Subject:** Agenda for Today's Discussion on Japan

To the General Counsels:

Thank you for agreeing to speak at 3PM today. I know everyone is extremely busy, so I hope the call will last no more than 30 minutes. To that end, we wanted to send along an agenda and some preliminary thoughts to make the most efficient use of everyone's time.

(b)(5)

(b)(5)

Thank you very much, and we look forward to speaking at 3PM today.

Sincerely,  
Michael

Michael Bahar  
Deputy Legal Advisor  
National Security Staff

(b)(6)



**Doane, Margaret**

---

**From:** Doane, Margaret  
**Sent:** Friday, March 18, 2011 1:46 PM  
**To:** Dorman, Dan  
**Subject:** OIP Analysis no2 to dan.docx.  
**Attachments:** OIP Analysis no2 to dan.docx

OIP Analysis/Sensitivity Guidance No. 2

(b)(5)

Official Use Only

**Doane, Margaret**

---

**From:** Breskovic, Clarence  
**Sent:** Friday, March 18, 2011 2:02 PM  
**To:** Breskovic, Clarence  
**Subject:** Japan OIP SharePoint Site Updated

<http://portal.nrc.gov/OCM/ip/countries/japan/default.aspx>

Clarence Breskovic  
International Policy Analyst  
U.S. Nuclear Regulatory Commission  
Office of International Programs  
11555 Rockville Pike  
Rockville, MD 20852, USA  
Tel: 1-301-415-2364  
Fax: 1-301-415-2395  
Alternate Email: (b)(6)



Everything

Advanced Search

Office of International Programs > International Programs: Countries & Territories > Japan



McCloskey Nuclear Business April 2011 available in the Library. Focus: Fukushima

Links

- Japan Nuclear and Industrial Safety Agency (NISA)
- Japan Nuclear Safety Organization
- Japan Nuclear Safety Commission
- WNA Reactor Database for Japan
- WNA Nuclear Power Profile
- IAEA Country Factsheet
- IAEA Nuclear Energy Handbook
- IAEA Country Nuclear Power Profile
- CIA World Factbook
- Dept. of State
- NTI Country Profile
- Centers for Disease Control
- US Embassy Tokyo Blog

Japan News Blog

- Japan: Melted Nuclear Fuel Likely Settled at Bottom of Cracked Fukushima Reactors
- Japan: Fukushima accident boosted to level 7 of global INES scale
- Japan, U.S. To Reaffirm Cooperation in Overcoming Nuclear Crisis
- Japan's Other Nuclear Disaster: Rokkasho
- Japan: Tokyo Electric To Build Tsunami Barrier at Kashiwazaki-Kariwa Nuclear Plant
- Japan: Construction of Nuclear Fuel Storage Facility To Be Resumed
- Japan Set To Integrate Two Nuclear Oversight Units Into One Powerful Regulatory Body
- Japan: Ex-governor blasts Tepco's cozy ties
- Japan: TEPCO Worker on Control Failures and the Culture of Silence
- Japan: U.N. expert sees no serious Fukushima health impact
- Japan: Fukushima Plant Workers Plug Hole Spewing Radioactive Water Into Ocean
- Japan: Human factor caused Fukushima catastrophe - ex-Chernobyl deputy head
- Japan: Hitachi To Review Nuclear Power Business Plan Through FY 2030
- Japan: the aftermath
- Japan: Fukushima Plant Had Barebones Emergency Plan
- Japan: Truck Runs Into Daiichi Nuclear Plant

Japan Map



Time and Weather

Thu, Apr 21, 2011 at 2:07 AM

Tokyo, Japan

Hourly Info | 15 Days | Videos



Showers  
52°F

RealFeel®: 44°F  
Winds: NE at 13 mph

Tonight



Low 49°  
Breezy early; partly cloudy

Tomorrow



High 66°/Low 52°  
Overcast

Friday



High 65°/Low 54°  
Overcast with a few showers

Saturday



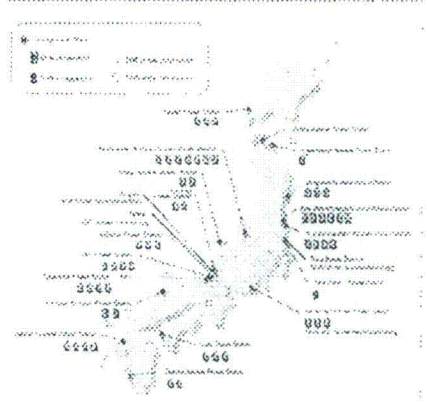
High 63°/Low 60°  
Rain

Weather Forecast | Weather Maps | Weather Radar

Japan Guides

- Kwintessential Etiquette Guides
- Japan Guide
- U.S. Commercial Service in Japan
- CIA World Factbook
- Dept. of State
- Fodor's Travel Guide

Japan Reactor Map



## Japan: Nuclear Power Reactors - By Status

Under Construction	2	Operational	54
Long Term Shutdown	1	Shutdown	5

Annual Electrical Power Production for 2010	
Total Power Production (including Nuclear)	Nuclear Power Production
955848.848 GWh(e)	279229.53 GWh(e)

Click on the name of a reactor to view its full details.

Name	Type	Status	Location	Capacity (MWe)		Date Connected
				Net	Gross	
<a href="#">FUKUSHIMA-DAIICHI-1</a>	BWR	Operational	FUKUSHIMA-KEN	439	460	1970/11/17
<a href="#">FUKUSHIMA-DAIICHI-2</a>	BWR	Operational	FUKUSHIMA-KEN	760	784	1973/12/24
<a href="#">FUKUSHIMA-DAIICHI-3</a>	BWR	Operational	FUKUSHIMA-KEN	760	784	1974/10/26
<a href="#">FUKUSHIMA-DAIICHI-4</a>	BWR	Operational	FUKUSHIMA-KEN	760	784	1978/02/24
<a href="#">FUKUSHIMA-DAIICHI-5</a>	BWR	Operational	FUKUSHIMA-KEN	760	784	1977/09/22
<a href="#">FUKUSHIMA-DAIICHI-6</a>	BWR	Operational	FUKUSHIMA-KEN	1067	1100	1979/05/04
<a href="#">FUKUSHIMA-DAINI-1</a>	BWR	Operational	FUKUSHIMA-KEN	1067	1100	1981/07/31
<a href="#">FUKUSHIMA-DAINI-2</a>	BWR	Operational	FUKUSHIMA-KEN	1067	1100	1983/06/23
<a href="#">FUKUSHIMA-DAINI-3</a>	BWR	Operational	FUKUSHIMA-KEN	1067	1100	1984/12/14
<a href="#">FUKUSHIMA-DAINI-4</a>	BWR	Operational	FUKUSHIMA-KEN	1067	1100	1986/12/17
<a href="#">GENKAI-1</a>	PWR	Operational	SAGA PREFECTURE	529	559	1975/02/14
<a href="#">GENKAI-2</a>	PWR	Operational	SAGA PREFECTURE	529	559	1980/06/03
<a href="#">GENKAI-3</a>	PWR	Operational	SAGA PREFECTURE	1127	1180	1993/06/15
<a href="#">GENKAI-4</a>	PWR	Operational	SAGA PREFECTURE	1127	1180	1996/11/12
<a href="#">HAMAOKA-3</a>	BWR	Operational	SHIZUOKA-PREFECTURE	1056	1100	1987/01/20

**Doane, Margaret**

---

**From:** Dyer, Jim  
**Sent:** Friday, March 18, 2011 2:04 PM  
**To:** Maxin, Mark; Golder, Jennifer; Matheson, Mary  
**Cc:** Mamish, Nader; Doane, Margaret  
**Subject:** RE: Costs

To All,

(b)(5)

**From:** Maxin, Mark  
**Sent:** Friday, March 18, 2011 1:45 PM  
**To:** Golder, Jennifer  
**Cc:** Dyer, Jim  
**Subject:** RE: Costs

Thanks...I am working on the legal side and will send it forward to Jim when it is completed.

Mark J Maxin  
Assistant General Counsel for Administration  
Office of the General Counsel  
U.S. Nuclear Regulatory Commission  
11555 Rockville Pike  
Rockville, Md. 20852  
301-415-1554

**From:** Golder, Jennifer  
**Sent:** Friday, March 18, 2011 1:44 PM  
**To:** Maxin, Mark  
**Subject:** FW: Costs  
**Importance:** High

Hi Mark,

(b)(5)

*Jennifer Golder*

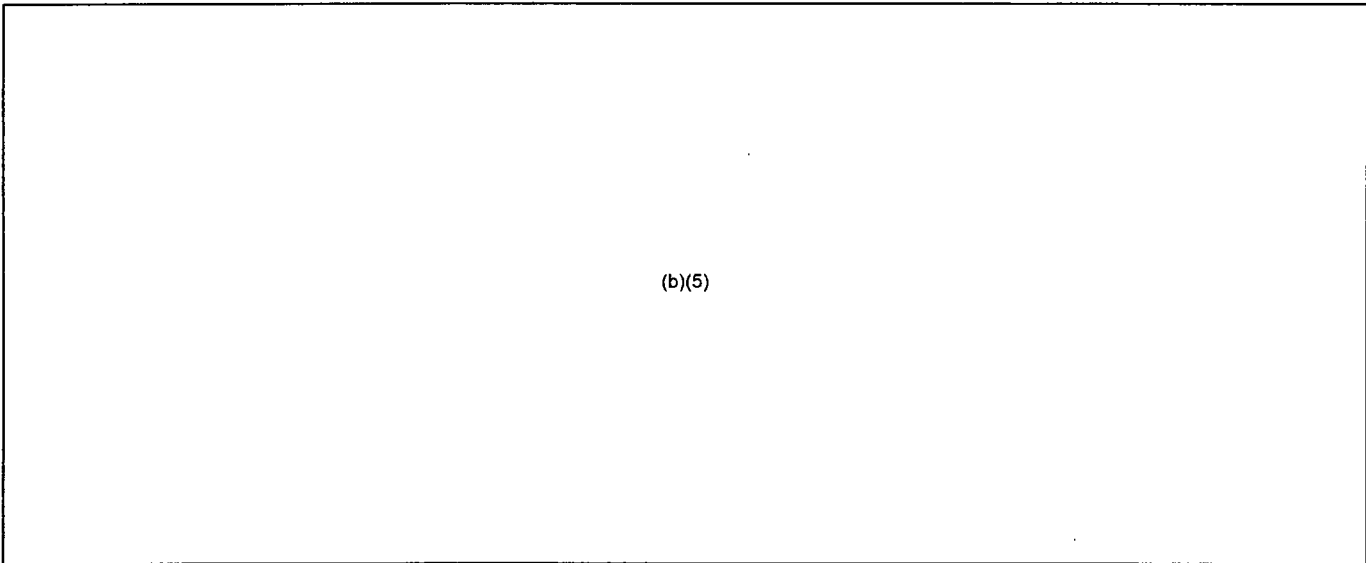
Budget Director  
Office of the Chief Financial Officer  
United States Nuclear Regulatory Commission

**From:** Golder, Jennifer  
**Sent:** Friday, March 18, 2011 1:38 PM  
**To:** Dyer, Jim  
**Cc:** Williams-Johnson, Patrice; Allwein, Russell; Mattingley, Joel; Peterson, Gordon; Brown, Milton  
**Subject:** Costs  
**Importance:** High

Jim,

Patrice, Russell, Joel and I met to discuss costs in 2 week increments for the OGC White Paper on AID.

This is what we have:



*Jennifer Golder*

Budget Director  
Office of the Chief Financial Officer  
United States Nuclear Regulatory Commission

**Doane, Margaret**

---

**From:** LIA02 Hoc  
**Sent:** Sunday, March 13, 2011 8:55 AM  
**To:** Schwartzman, Jennifer; Doane, Margaret; LIA03 Hoc  
**Cc:** Owens, Janice; Smith, Brooke; Abrams, Charlotte  
**Subject:** RE: Shift transition

Please cc LIA03.

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

**From:** Schwartzman, Jennifer  
**Sent:** Sunday, March 13, 2011 8:51 AM  
**To:** Doane, Margaret  
**Cc:** Owens, Janice; Smith, Brooke; Abrams, Charlotte; LIA02 Hoc  
**Subject:** Re: Shift transition

The ET knows (Mike W and Marty)

(b)(5)

(b)(5)

Sent from an NRC Blackberry

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

**From:** Doane, Margaret  
**To:** Schwartzman, Jennifer  
**Cc:** Owens, Janice; Smith, Brooke; Abrams, Charlotte; LIA02 Hoc  
**Sent:** Sun Mar 13 08:47:56 2011  
**Subject:** Re: Shift transition

(b)(5)

Sent from an NRC Blackberry  
Margaret Doane

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

**From:** Schwartzman, Jennifer  
**To:** Doane, Margaret  
**Cc:** Owens, Janice; Smith, Brooke; Abrams, Charlotte; LIA02 Hoc  
**Sent:** Sun Mar 13 07:54:45 2011  
**Subject:** Shift transition

Margie,

Charlotte and I have just handed things over to Janice and Brooke. Here are some salient points from the end of our shift:

-situation at unit 3 does not appear to have gotten worse -Tony Ulises was being flown to Tokyo to meet with MOFA and NISA officials and then Ambassador Roos. Unclear if he will be asked to remain in Tokyo.

(b)(5)

Hope this helps,

BV/164



Jen  
Sent from an NRC Blackberry

**Doane, Margaret**

---

**From:** Doane, Margaret  
**Sent:** Friday, March 18, 2011 2:45 PM  
**To:** Dorman, Dan  
**Cc:** Mamish, Nader  
**Subject:** Cards

Dan, you use a lot of cards in Japan under normal circumstances. Please bring a lot of cards.

**Doane, Margaret**

---

**From:** Doane, Margaret  
**Sent:** Friday, March 18, 2011 3:42 PM  
**To:** Nieh, Ho  
**Subject:** Phone call

Hi Ho. I tried to call you back a couple of times sorry I missed you. Call if you want to chat. I'm at my desk.  
Margie

**Doane, Margaret**

---

**From:** Nieh, Ho  
**Sent:** Friday, March 18, 2011 3:47 PM  
**To:** Doane, Margaret  
**Subject:** FW: experts for cleaning-up

**Importance:** High

Margie - informal request from METI looking for help/advice on clean up.

Ho

Ho Nieh  
Chief of Staff  
Office of Commissioner William C. Ostendorff U.S. Nuclear Regulatory Commission  
(301) 415-1811 (office)  
(b)(6) (mobile)  
(301) 415-1757 (fax)  
[ho.nieh@nrc.gov](mailto:ho.nieh@nrc.gov)

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

**From:** 山形 浩史{H.Yamagata} [<mailto:yamagata-hiroshi@meti.go.jp>]  
**Sent:** Friday, March 18, 2011 2:27 AM  
**To:** Nieh, Ho; [rghwang@sandia.gov](mailto:rghwang@sandia.gov); [kjonietz@lanl.gov](mailto:kjonietz@lanl.gov)  
**Subject:** experts for cleaning-up  
**Importance:** High

Dear Dr. Ho Nieh, NRC  
Dr. Robert Hwang, SNL  
Dr. Karl Jonietz, LANL

I hope you recall working with me.

As you know, Japan is facing the worst disaster caused by Tsunami, especially the severe accidents in Fukushima-I Nuclear Power Plant.  
I believe we could overcome these ordeals.

After we succeed cooling down Fukushima-I NPPs, we will need to make a list of experts for cleaning-up. If you know the organizations and experts for cleaning-up, please let me know the names. Especially if you know experts or friends in Kurchatov, Russia, please also let me know.

I am asked some advices by HQ, so I am asking you in unofficial way.

Thank you in advance.

Best regards,

P.S. Although my apartment has some problems, my family is fine!

Hiroshi YAMAGATA, Ph.D.  
Director-General

Natural Resources, Energy and Environmental Department Chugoku Bureau Ministry of Economy, Trade and  
Industry 6-30 Kamihatchobori, Naka-ku, Hiroshima-city 730-8531, JAPAN  
Tel: +81-82-224-5731 Fax: +81-82-224-5649  
Email: [yamagata-hiroshi@meti.go.jp](mailto:yamagata-hiroshi@meti.go.jp)

**Doane, Margaret**

---

**From:** Mamish, Nader  
**Sent:** Friday, March 18, 2011 4:19 PM  
**To:** Dembek, Stephen; Matheson, Mary; Mitchell, Reggie  
**Cc:** Doane, Margaret  
**Subject:** RE: Personal data

(b)(5)

**From:** Dembek, Stephen  
**Sent:** Friday, March 18, 2011 4:12 PM  
**To:** Matheson, Mary; Mitchell, Reggie  
**Cc:** Mamish, Nader; Doane, Margaret  
**Subject:** FW: Personal data

(b)(5)

Steve

**From:** RMTFACTSU\_ELNRC [[mailto:RMTFACTSU\\_ELNRC@ofda.gov](mailto:RMTFACTSU_ELNRC@ofda.gov)]  
**Sent:** Friday, March 18, 2011 4:08 PM  
**To:** Mamish, Nader; Dorman, Dan; Dembek, Stephen  
**Cc:** LIA03 Hoc; LIA02 Hoc; Carter, Mary  
**Subject:** RE: Personal data

(b)(5)

**From:** Mamish, Nader [<mailto:Nader.Mamish@nrc.gov>]  
**Sent:** Friday, March 18, 2011 3:10 PM  
**To:** RMTFACTSU\_ELNRC; Dorman, Dan; Dembek, Stephen  
**Cc:** LIA03 Hoc; LIA02 Hoc; Carter, Mary  
**Subject:** RE: Personal data

(b)(5)

**From:** RMTFACTSU\_ELNRC [[mailto:RMTFACTSU\\_ELNRC@ofda.gov](mailto:RMTFACTSU_ELNRC@ofda.gov)]  
**Sent:** Friday, March 18, 2011 12:15 PM  
**To:** Dorman, Dan; Dembek, Stephen  
**Cc:** LIA03 Hoc; LIA02 Hoc; Mamish, Nader; Carter, Mary  
**Subject:** RE: Personal data

Dan – This is Joe Anderson; I am acting today as an NRC Liaison to USAID. Please give me a call at (202) 236-6417 to obtain other information needed.

Steve – I will be giving you a call to discuss Travel Authorization issue.

(b)(5)

(b)(5)

**From:** Dorman, Dan [mailto:Dan.Dorman@nrc.gov]  
**Sent:** Friday, March 18, 2011 12:04 PM  
**To:** Dembek, Stephen; RMTFACTSU\_ELNRC  
**Cc:** LIA03 Hoc; LIA02 Hoc; Mamish,Nader; Carter, Mary  
**Subject:** RE: Personal data

I just got off a week of backshift. Any chance I can go on Sunday morning?

**From:** Dembek, Stephen  
**Sent:** Friday, March 18, 2011 11:58 AM  
**To:** RMTFACTSU\_ELNRC; Dorman, Dan  
**Cc:** LIA03 Hoc; LIA02 Hoc; Mamish, Nader; Carter, Mary  
**Subject:** Personal data

For USAID:

Here's the info on our first traveler leaving tomorrow.

Daniel Huntington Dorman  
13 Jun 1961  
206046548  
Exp 05 Mar 2012

For Dan, are you ok with a direct flight from Dulles to Narita tomorrow at 12:10pm assuming USAID can arrange for this flight?

The other choices are below:

(Please note that HND is Haneda, Japan and NRT is Narita, Japan)

Option 1:  
Leaving DCA at 11:10 thru JFK  
Arriving HND 10:15 p.m. 20th March

Option 2:  
Departing IAD at 9:55 p.m. thru SFO  
Arriving Narita (NRT) at 3:40 p.m. on 20th of March

Option 3:  
Depart IAD at 02:20 p.m. thru JFK  
Arrive HND at 10:15 p.m. on the 20th

Option 4:  
Depart DCA at 11:32 a.m. thru Chicago  
Arrive NRT at 5:25 p.m. 20th of March

Option 5:

Depart IAD at 12:27 p.m. thru Chicago  
Arrive NRT at 5:25 p.m. 20th of March

Option 6:

Depart IAD at 7:30 p.m. thru Amsterdam  
Arrive Narita 8:55 a.m. March 209th



**Doane, Margaret**

---

**From:** Abrams, Charlotte  
**Sent:** Friday, March 18, 2011 4:20 PM  
**To:** Pace, Patti; Warren, Roberta  
**Cc:** Doane, Margaret  
**Subject:** FW: is there a noon meeting today?

**Importance:** High

Patti and Bobbi –

(b)(5)

**From:** Abrams, Charlotte  
**Sent:** Thursday, March 17, 2011 1:17 PM  
**To:** Pace, Patti  
**Cc:** Warren, Roberta; Henderson, Karen  
**Subject:** RE: is there a noon meeting today?  
**Importance:** High

Patti-

Thanks for the response. I apologize for not getting back to you yesterday.

(b)(5)

Thanks much.

**From:** Pace, Patti  
**Sent:** Wednesday, March 16, 2011 10:20 AM  
**To:** Abrams, Charlotte  
**Subject:** RE: is there a noon meeting today?

Hi Charlotte,

No, we won't have a noon meeting today.

(b)(5)

Any other time sensitive issues? How are you doing?

Thanks,

Patti Pace  
Assistant to Chairman Gregory B. Jaczko

U.S. Nuclear Regulatory Commission  
301-415-1820 (office)  
301-415-3504 (fax)

---

**From:** Abrams, Charlotte  
**Sent:** Wednesday, March 16, 2011 10:13 AM  
**To:** Pace, Patti  
**Subject:** is there a noon meeting today?

**Doane, Margaret**

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**From:** Mamish, Nader  
**Sent:** Friday, March 18, 2011 4:24 PM  
**To:** Doane, Margaret; Ramsey, Jack  
**Subject:** RE: Amb. visit

(b)(5)

**From:** Doane, Margaret  
**Sent:** Friday, March 18, 2011 3:32 PM  
**To:** Mamish, Nader; Ramsey, Jack  
**Subject:** FW: Amb. visit  
**Importance:** High

Here's what I sent Bill, (b)(5)

**From:** Doane, Margaret  
**Sent:** Friday, March 18, 2011 3:28 PM  
**To:** Doane, Margaret  
**Subject:** RE: Amb. visit  
**Importance:** High

Hi Bill, you did great in the all hands.

(b)(5)

Can you confirm you've read this, it would make me feel a lot better.  
Margie

**From:** Doane, Margaret  
**Sent:** Friday, March 18, 2011 2:56 PM  
**To:** Coggins, Angela  
**Subject:** RE: Amb. visit

ok

**From:** Coggins, Angela  
**Sent:** Friday, March 18, 2011 2:53 PM  
**To:** Doane, Margaret  
**Subject:** Re: Amb. visit

(b)(5)

Angela Coggins  
Policy Director  
Office of Chairman Gregory B Jaczko  
US Nuclear Regulatory Commission  
[angela.coggins@nrc.gov](mailto:angela.coggins@nrc.gov)/301-415-1828

---

**From:** Doane, Margaret  
**To:** Coggins, Angela  
**Sent:** Fri Mar 18 14:42:00 2011  
**Subject:** Amb. visit

Angela,

(b)(5)

Margie

**Doane, Margaret**

---

**From:** McCree, Victor  
**Sent:** Friday, March 18, 2011 7:47 PM  
**To:** Evans, Michele; Uhle, Jennifer; Pederson, Cynthia; Mamish, Nader; Lew, David; Leeds, Eric  
**Cc:** Sheron, Brian; Satorius, Mark; Wert, Leonard; Doane, Margaret; Grobe, Jack; Johnson, Michael  
**Subject:** Re: ACTION NEEDED: Proposed replacement staff for team in Japan

Thanks Michelle - I just spoke to Alan Blamey. He's good to go.

Vic

This email is being sent from an NRC Blackberry device.

---

**From:** Evans, Michele  
**To:** Uhle, Jennifer; Pederson, Cynthia; McCree, Victor; Mamish, Nader; Lew, David; Leeds, Eric  
**Cc:** Sheron, Brian; Satorius, Mark; Wert, Leonard; Doane, Margaret; Grobe, Jack; Johnson, Michael  
**Sent:** Fri Mar 18 19:07:19 2011  
**Subject:** ACTION NEEDED: Proposed replacement staff for team in Japan

(b)(5)

Thanks for everyone's support.

Michele

---

**From:** Evans, Michele  
**Sent:** Friday, March 18, 2011 6:47 PM  
**To:** Casto, Chuck; Monninger, John; Dorman, Dan  
**Cc:** Weber, Michael; Borchardt, Bill; Virgilio, Martin; Boger, Bruce; Zimmerman, Roy; Wiggins, Jim  
**Subject:** Proposed replacement staff for team in Japan

Chuck,

Based on the input you provided this morning regarding expertise for the next wave of staff going to Japan, we're proposing the attached team.

(b)(5)

If you want to further discuss the skill sets, the staff, the timing, or any other needs please let me know. I can be on the phone in the Ops Center to discuss with you on Saturday morning as early as 7 am Washington time. Please communicate your preference for a discussion with the ET in the Ops Center.

Thanks

*Michele*

**Doane, Margaret**

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**From:** Poole, Brooke  
**Sent:** Friday, March 18, 2011 7:11 PM  
**To:** Kanatas, Catherine; Doane, Margaret; Owens, Janice; Rothschild, Trip  
**Cc:** Kim, Grace; Hirsch, Patricia  
**Subject:**  
**Attachments:** (b)(5)

**Non-public adjudicatory communication**

(b)(5)

Thanks. Have a good weekend.

Brooke Poole, OCAA  
415-2653

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**From:** Kanatas, Catherine  
**Sent:** Friday, March 18, 2011 10:38 AM  
**To:** Kanatas, Catherine; Doane, Margaret; Owens, Janice; Poole, Brooke; Rothschild, Trip  
**Cc:** Kim, Grace; Hirsch, Patricia  
**Subject:** (b)(5)

Hello,

BV1172

(b)(5)

Thanks again and please let me know if you have any questions.

Cathy

**NOTICE:** This email and any attachments may contain confidential Attorney-Client or Attorney Work-Product material. Do not disclose outside NRC without Commission approval.

**From:** Kanatas, Catherine

**Sent:** Wednesday, March 16, 2011 5:15 PM

**To:** Doane, Margaret; Owens, Janice; Poole, Brooke; Rothschild, Trip

**Subject:** (b)(5)

Hello,

(b)(5)

Thanks in advance for your time and help,

Cathy

Catherine Kanatas  
Attorney  
U.S. Nuclear Regulatory Commission  
Office of the General Counsel  
OWFN 14 G7  
Mail Stop O-15 D21  
301-415-2321  
[Catherine.Kanatas@nrc.gov](mailto:Catherine.Kanatas@nrc.gov)

**NOTICE:** This email and any attachments may contain confidential Attorney-Client or Attorney Work-Product material. Do not disclose outside NRC without Commission approval.



**Doane, Margaret**

---

**From:** Smith, Brooke  
**Sent:** Friday, March 18, 2011 5:50 PM  
**To:** Doane, Margaret  
**Subject:** Re: [redacted] (b)(5)

I will see what I can find out.

Sent from an NRC Blackberry.  
Brooke G. Smith

[redacted] (b)(6)

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

**From:** Doane, Margaret  
**To:** Smith, Brooke  
**Cc:** Tobin, Jennifer  
**Sent:** Fri Mar 18 17:06:48 2011  
**Subject:** Fw: [redacted] (b)(5)

Can you please figure out where this came from and talk to them about the concerns.  
Thanks.

Sent from an NRC Blackberry  
Margaret Doane

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

**From:** Pearson, Laura  
**To:** Doane, Margaret; Mamish, Nader; McDermott, Brian  
**Cc:** Warren, Roberta; Coggins, Angela; Batkin, Joshua  
**Sent:** Fri Mar 18 16:39:16 2011  
**Subject:** [redacted] (b)(5)

Margie/Nader,

[redacted] (b)(5)

Thanks.

Best,

Laura Pearson  
Acting Policy Advisor for Security and Int'l Programs Office of the Chairman U.S. NRC  
(301) 415-8044

[redacted] (b)(6)

(C)

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INFO RUEHKO/AMEMBASSY TOKYO

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~~SENSITIVE~~

E.O. 13526: N/A  
TAGS: AEMR, KFLO, ASEC, CASC, MARR, PREL, PINR, AMGT  
COMBINE: COMPLETE

SUBJECT: JAPAN EMERGENCY COMMAND CENTER SITREP #11

REF: A) 11 STATE 22688; B) 11 TOKYO 790; C) 11 TOKYO 766; D) 11 TOKYO 772;  
E) 11 TOKYO 788; F) 11 TOKYO 774; G) 11 TOKYO 798; H) 11 TOKYO 806;  
I) 11 TOKYO 824; J) 11 TOKYO 832; K) 11 TOKYO 840;

1. (SBU) BEGIN TEXT:

POL/MIL UPDATE

FUKUSHIMA NUCLEAR POWER PLANTS AND THE RADIATION SITUATION

GOJ REALIZING NEED FOR WHOLE-OF-GOVERNMENT SOLUTION TO NUCLEAR  
PROBLEM: DEFENSE MINISTER KITAZAWA, SDF CHIEF OF STAFF GEN. ORIKI,  
MOD VM NAKAE, DG FOR DEFENSE POLICY TAKAMIZAWA AND ABOUT 20 OTHER MOD  
OFFICIALS MET WITH NRC CHUCK CASTO, JIM TRAPP AND JOHN MONNINGER,  
PLUS ENERGY ATTACHE RON CHERRY AND POL-MIL CHIEF TO DISCUSS THE  
STATUS OF THE FUKUSHIMA DAI-ICHI NUCLEAR PLANT AND POSSIBLE  
MECHANISMS FOR BILATERAL COORDINATION. FOLLOWING THE MEETING, THE

(b)(5)

WATER SPRAYING EFFORT: KITAZAWA STRESSED WE SHOULD MAKE FULL USE OF  
ALLIANCE COOPERATION TO ADDRESS THE CURRENT CIRCUMSTANCES. (b)(5)

(b)(5)

**Doane, Margaret**

**From:** Gelman, Jeffrey D. (b)(6)  
**Sent:** Friday, March 18, 2011 7:00 PM  
**To:** Gelman, Jeffrey D.; 'Timbie, James P'; 'Van Diepen, Vann H'; 'Connery, Joyce'; (b)(6); 'Anne.Harrington@NNSA.Doe.Gov'; Coyle, Phil; Fetter, Steve; Peroff, Kathleen; Ericsson, Sally C.; 'nicole.lamb-hale@trade.gov'; 'Peter.Lyons@Nuclear.Energy.gov'; 'cekutarf@state.gov'; Doane, Margaret; (b)(6); Haney, Catherine; Klay, Benjamin W.; 'john.schuster@exim.gov'; 'Motiwala, Mohammed'; Szymanski, John; 'Stratford, Richard J'; Mertens, Richard A.; McDonald, Christine; 'Whitney, Mark'; Bordoff, Jason E.; Henderson, Karen; 'Mary.Saunders@trade.gov'; 'mark.heil@do.treas.gov'; 'Kange@state.gov'; 'Gorn, Janet M'; Wolfsthal, Jon B.; (b)(6); 'david.heyman@dhs.gov'; Zichal, Heather R.; Utech, Dan G.; 'O'BrienVJ@state.gov'; 'Rodgers, John R'  
**Cc:** Holgate, Laura; Sweetnam, Glen E.; Gallagher, Shawn P.; Holmes, Angela; 'david.kincaid@trade.gov'; 'beth.urbanas@do.treas.gov'; McConville, Drew; Carroll, J. Kevin; Matthews, Sonya; (b)(6)  
**Subject:** RE: IPC Invitation: Developing a Nuclear Energy Strategy, 3/18 12:30pm-2:00 in EEOB 439  
**Attachments:** 3011-03-19 Country Responses to Japan Situation-color.xlsx; Japanese\_Nuclear\_Situation\_FAQs\_03172011.pdf; Background (2).docx

All,

Please find the attached documents from David Kincaid at Commerce.

The first is an Excel spreadsheet of various country responses to the Japan crisis that was compiled with the help of NEI and DOE. The other attachments are a selection of NEI public statements and FAQs which it has organized on behalf of its members.

Have a great weekend,  
Jeff

---

**From:** Gelman, Jeffrey D.  
**Sent:** Wednesday, March 16, 2011 9:01 PM  
**To:** Gelman, Jeffrey D.; 'Timbie, James P'; 'Van Diepen, Vann H'; 'Connery, Joyce'; (b)(6); 'Anne.Harrington@NNSA.Doe.Gov'; Coyle, Phil; Fetter, Steve; Peroff, Kathleen; Ericsson, Sally C.; 'nicole.lamb-hale@trade.gov'; 'Peter.Lyons@Nuclear.Energy.gov'; 'cekutarf@state.gov'; 'Margie Doane (margaret.doane@nrc.gov)'; (b)(6); 'catherine.haney@nrc.gov'; Klay, Benjamin W.; 'john.schuster@exim.gov'; 'Motiwala, Mohammed'; Szymanski, John; 'Stratford, Richard J'; Mertens, Richard A.; McDonald, Christine; Whitney, Mark; Bordoff, Jason E.; Henderson, Karen; 'Mary.Saunders@trade.gov'; 'mark.heil@do.treas.gov'; 'Kange@state.gov'; 'Gorn, Janet M'; Wolfsthal, Jon B.; (b)(6); 'david.heyman@dhs.gov'; Zichal, Heather R.; Utech, Dan G.; 'O'BrienVJ@state.gov'; 'Rodgers, John R'  
**Cc:** Holgate, Laura; Sweetnam, Glen E.; Gallagher, Shawn P.; Holmes, Angela; 'david.kincaid@trade.gov'; 'beth.urbanas@do.treas.gov'; McConville, Drew; Carroll, J. Kevin; Matthews, Sonya; (b)(6)  
**Subject:** RE: IPC Invitation: Developing a Nuclear Energy Strategy, 3/18 12:30pm-2:00 in EEOB 439

Dear IPC participants,

In response to the current situation, we have decided to adjust the agenda for Friday's 12:30 meeting (EEOB 439) to place this IPC in service of the Japan DC process. We have asked expert colleagues from DOE and NRC to provide update briefings on the situation in Japan for this broader audience, and give folks a chance to ask questions to understand better what's going on. We will also use this meeting to clarify and coordinate department/agency messaging on the relationship between the Japan situation and US nuclear policies. We hope you find this useful.

As some of you may know, the US Secret Service is shifting to a new building clearance system starting Friday. If you send Sonyia Matthews (b)(6) your usual information along with the time and date of this meeting by Thursday (tomorrow) at 3pm, we can clear you in under the old system. Any clearances requested afterwards will require significantly more info....forewarned is forearmed!

Many thanks,

Laura & Glen

**From:** Gelman, Jeffrey D.

**Sent:** Monday, March 14, 2011 2:46 PM

**To:** Gelman, Jeffrey D.; 'Timbie, James P'; 'Van Diepen, Vann H'; 'Connery, Joyce'; (b)(6); 'Anne.Harrington@NNSA.Doe.Gov'; Coyle, Phil; Fetter, Steve; Peroff, Kathleen; Ericsson, Sally C.; 'nicole.lamb-hale@trade.gov'; 'Peter.Lyons@Nuclear.Energy.gov'; 'cekutarf@state.gov'; 'Margie Doane (margaret.doane@nrc.gov)'; (b)(6); 'catherine.haney@nrc.gov'; Klay, Benjamin W.; 'john.schuster@exim.gov'; 'Motiwala, Mohammed'; Szymanski, John; 'Stratford, Richard J'; Mertens, Richard A.; McDonald, Christine; Whitney, Mark; Bordoff, Jason E.; Henderson, Karen; 'Mary.Saunders@trade.gov'; 'mark.heil@do.treas.gov'; 'Kange@state.gov'; 'Gorn, Janet M'; Wolfsthal, Jon B.; (b)(6); 'david.heyman@dhs.gov'

**Cc:** Holgate, Laura; Sweetnam, Glen E.; Gallagher, Shawn P.; Holmes, Angela; 'david.kincaid@trade.gov'; 'beth.urbanas@do.treas.gov'; McConville, Drew; Carroll, J. Kevin; Matthews, Sonyia;

(b)(6)

**Subject:** IPC Invitation: Developing a Nuclear Energy Strategy, 3/18 12:30pm-2:00 in EEOB 439

All,

On **March 18<sup>th</sup> from 12:30-2:00pm**, Laura Holgate and Glen Sweetnam will host another Nuclear Energy IPC in EEOB room 439. An agenda for the IPC is forthcoming. Attached is the Summary of Conclusions from the IPC which was held on 2/25.

Also attached to this email is the entire set of interagency comments to the slides on barriers to civil nuclear energy growth which were presented on 2/8, State EUR's Nuclear Energy Score Card for Central Europe, and a letter to Secretary Locke from the Civil Nuclear Trade Advisory Committee.

For those planning to attend the meeting on 3/18, please send your clearance information (full name, date of birth and social security number) to Sonyia Matthews (smatthews@nss.eop.gov) by COB on 7/17. When sending you clearance information please include the date and time of the meeting. And please also let us know if there are colleagues in your own or other agencies who need to be included in this process.

Thank you,

Laura Holgate & Glen Sweetnam

(b)(6)

**From:** Gelman, Jeffrey D.

**Sent:** Wednesday, February 09, 2011 6:54 PM

**To:** Gelman, Jeffrey D.; 'Timbie, James P'; 'Van Diepen, Vann H'; 'Connery, Joyce'; (b)(6); 'Anne.Harrington@NNSA.Doe.Gov'; Coyle, Phil; Fetter, Steve; Peroff, Kathleen; Ericsson, Sally C.; 'nicole.lamb-hale@trade.gov'; 'Peter.Lyons@Nuclear.Energy.gov'; 'cekutarf@state.gov'; 'Margie Doane (margaret.doane@nrc.gov)'; (b)(6); 'catherine.haney@nrc.gov'; Klay, Benjamin W.; 'john.schuster@exim.gov'; 'Motiwala, Mohammed'; Szymanski, John; 'Stratford, Richard J'; Mertens, Richard A.; McDonald, Christine; Whitney, Mark; Bordoff, Jason E.; Henderson, Karen; 'Mary.Saunders@trade.gov'; 'mark.heil@do.treas.gov'

**Cc:** Holgate, Laura; Sweetnam, Glen E.; Gallagher, Shawn P.; Holmes, Angela; 'david.kincaid@trade.gov';

'beth.urbanas@do.treas.gov'; McConville, Drew; Carroll, J. Kevin; Matthews, Sonyia  
**Subject:** IPC Invitation: Developing a Nuclear Energy Strategy, 2/25 4:00pm-5:30 in EEOB 445

Friends,

Many thanks for joining our inaugural meeting of the Nuclear Energy Strategy IPC. Attached is the Statement of Conclusions for yesterday's meeting, as well as the two briefings that were presented.

(b)(5)

You are welcome to provide these in any form that is convenient, but if you wish to actually edit the spreadsheets as they were presented, I am told that you can simply cut and paste the spreadsheets from the briefing charts into whatever editing program you wish to use.

**We have scheduled the next meeting for Friday, February 25 at 4-5:30 pm in EEOB Room 445.** Please send your clearance information (full name, date of birth and social security number) to Sonyia Matthews

(b)(6)

by COB on 2/23. When sending you clearance information please include the date and time of the meeting. And please also let us know if there are colleagues in your own or other agencies who need to be included in this process.

We look forward to working with you on this important project!

Laura Holgate & Glen Sweetnam

**From:** Gelman, Jeffrey D.

**Sent:** Monday, January 24, 2011 7:04 PM

**To:** 'Timbie, James P'; 'Van Diepen, Vann H'; 'Connery, Joyce'; (b)(6); 'Anne.Harrington@NNSA.Doe.Gov'; Coyle, Phil; Fetter, Steve; Peroff, Kathleen; Ericsson, Sally C.; 'nicole.lamb-hale@trade.gov'; 'Peter.Lyons@Nuclear.Energy.gov'; 'cekutarf@state.gov'; 'Margie Doane (margaret.doane@nrc.gov)'; (b)(6); 'catherine.haney@nrc.gov'

**Cc:** Holgate, Laura; Sweetnam, Glen E.; Gallagher, Shawn P.; Holmes, Angela; 'david.kincaid@trade.gov'; 'beth.urbanas@do.treas.gov'; McConville, Drew; Gelman, Jeffrey D.; Carroll, J. Kevin

**Subject:** IPC Invitation: Developing a Nuclear Energy Strategy

**Nuclear Energy Strategy IPC Meeting: Tuesday, February 8, 2011 from 1:30 – 3:00 pm in EEOB 445**

All,

(b)(5)

(b)(5)

For those needing clearance into the EEOB, please send your DOB and SSN to Jeff Gelman (b)(6)

(b)(6)

Thank you,  
Laura Holgate and Glen Sweetnam

Laura S. H. Holgate  
Senior Director  
WMD Terrorism and Threat Reduction  
National Security Staff  
The White House

Glen Sweetnam  
Senior Director  
Energy and Climate Change  
National Security Staff  
The White House

Country (Key U.S. markets in bold)	WNA new reactor projection - 2030 low	Official statement	Report date	Source
Argentina	3			
Armenia	1	Prime minister Tigran Sarkisian told the European Parliament's committee on foreign relations in Brussels that the authorities in Yerevan will make another in-depth look into the safe operation of the Metsamor NPP.	3/17/2011	<a href="http://www.arka.am/eng/energy/2011/03/17/24669.html">http://www.arka.am/eng/energy/2011/03/17/24669.html</a>
Bahrain, Kuwait, Oman, Qatar, Saudi Arabia	12			
<b>Belarus</b>	2	Russian Prime Minister Putin said during a meeting with Belarussian President Alexander Lukashenko in Minsk on 3/15 that the new NPP to be built by Russia in Belarus will be safer than those in Japan.	3/15/2011	<a href="http://www.businessweek.com/ap/financialnews/D9LVUFBO0.htm">http://www.businessweek.com/ap/financialnews/D9LVUFBO0.htm</a>
Belgium	0	Belgium currently has a nuclear phase-out law remains in place. No official statements available at this time	3/18/2011	
<b>Brazil</b>	8	Japan has suffered "a disaster of gigantic proportions" but that's no reason to abandon Brazil's nuclear plans, according to Edson Lobao, the country's mines and energy minister.	3/15/2011	<a href="http://blogs.ft.com/beyond-brics/2011/03/15/brazils-nuclear-power-no-change/">http://blogs.ft.com/beyond-brics/2011/03/15/brazils-nuclear-power-no-change/</a>

Country (Key U.S. markets in bold)	WNA new reactor projection - 2030 low	Official statement	Report date	Source
<b>Bulgaria</b>	2	<p>Govt announced plans to learn from the disaster in Japan, while continuing its search for investors to fund a NPP in Belene, an earthquake-prone region on the border with Romania. "It's not as seismic as Japan, but there are some problems in this direction," Sergey Tzotchev, chairman of Bulgaria's nuclear regulator, told reporters in Brussels, adding that safety plans call for the facility to be capable of withstanding a 7.0 magnitude earthquake.</p> <p>On 3/16, Energy and Economy Ministry declared it did not accept the Russian offer of EUR 6.3 B for the construction of the Belene NPP by Atomstroyexport. Traikov responded briefly to statements made earlier on Wednesday by senior Rosatom/Atomstroyexport executives that EUR 6.3 B is their final price for Belene, and that Rosatom will consider the project practically dead if the respective state companies do not sign a new agreement by the end of March. Financial arguments pre-date the Japan incident.</p> <p>On 3/15, EU Energy Commissioner Oettinger declared that the Belene project must be re-examined over safety concerns.</p>	3/17/2011	<a href="http://www.novinite.com/view_news.php?id=126354">http://www.novinite.com/view_news.php?id=126354</a>
<b>Canada</b>	7	<p>Government officials in Saskatchewan promised that the province's nuclear research won't be stalled, while a spokesman for Ontario Energy Minister Brad Duguid said the government is not holding back on its plans to build two new nuclear units at a site in Darlington, Ont. The Quebec government also said its plan to refurbish the province's sole nuclear plant is going forward, despite deepening concern around the world about the safety of fission power in the wake of the 9.0 magnitude earthquake that devastated Japan Friday.</p>	3/15/2011	<a href="http://www.vancouversun.com/technology/Provinces+still+moving+forward+nuclear+projects/4445034/story.html">http://www.vancouversun.com/technology/Provinces+still+moving+forward+nuclear+projects/4445034/story.html</a>



Country (Key U.S. markets in bold)	WNA new reactor projection - 2030 low	Official statement	Report date	Source
<b>Chile</b>		<p>President Sebastián Piñera announced his support of a nuclear agreement with the United States on Wednesday afternoon, after a visit with Japan's Ambassador to Chile.</p> <p>Santiago El Mercurio publishes a report by R. Franco and C. Saldivia on Chile's decision to go ahead with the nuclear agreement with the United States that is to be signed on 18 March, despite the current crisis in Japan.</p>	3/16/2011	<a href="http://www.santiagotimes.cl/news/other/20989-chilean-president-endorses-us-chile-nuclear-agreement">http://www.santiagotimes.cl/news/other/20989-chilean-president-endorses-us-chile-nuclear-agreement</a>
<b>China</b>	41	<p>"Some lessons we learn from Japan will be considered in the making of China's nuclear power plans," said Chinese Vice Minister of Environmental Protection Zhang Lijun, according to the state-run Xinhua news agency. "But China will not change its determination and plan for developing nuclear power."</p> <p>"China has put a temporary halt on its ambitious program for establishing nuclear plants across the country. It has suspended the approval process of new projects and ordered safety checks on existing ones.</p> <p>The State Council, which is presided over by Premier Wen Jiabao, has also put a hold on ongoing pre-construction works in plants that have already been approved. China has six nuclear plants in operation, seven under construction and plans for establishing 33 more plants.</p> <p>The government is revising the safety standards of nuclear plants in view of the radiation leaks in plants in Japan, the State Council said. New approval</p>	3/16/2011	<a href="http://timesofindia.indiatimes.com/world/china/China-suspends-new-nuclear-plants/articleshow/7749509.cms">http://timesofindia.indiatimes.com/world/china/China-suspends-new-nuclear-plants/articleshow/7749509.cms</a>
<b>China</b>		<p>China, which is the biggest developer of new nuclear plants in Asia, reaffirmed its commitment to boosting nuclear production capacity during the next decade as government and industry officials said over the weekend that the country's embrace of what's known as third-generation reactor technology made it less susceptible to some of the meltdown risks experienced by older reactors in Japan.</p> <p>"Some lessons we learn from Japan will be considered in the making of China's nuclear power plans," said Chinese Vice Minister of Environmental Protection Zhang Lijun, according to the state-run Xinhua news agency. "But China will not change its determination and plan for developing nuclear</p>	3/14/2011	<a href="http://online.wsj.com/article/SB100014240527487040275045761982908587836361.html?articleTabs=slideshow%3D%26articleTabs%3Darticle">http://online.wsj.com/article/SB100014240527487040275045761982908587836361.html?articleTabs=slideshow%3D%26articleTabs%3Darticle</a>

Country (Key U.S. markets in bold)	WNA new reactor projection - 2030 low	Official statement	Report date	Source
		(b)(5)	3/17/2011	Sent by US Embassy Prague
Egypt	3	no information currently available	3/18/2011	
Finland	2	<p>Finnish power company TVO said March 16: "There are no immediate changes to the construction plans in the works, due to the fact that we don't really know exactly what happened at the Fukushima plant," Jouni Silvennoinen, project director for the unfinished reactor, told AFP.</p> <p>Silvennoinen admitted that after the disasters in Japan, the security systems need to be further developed. The new nuclear plant can withstand Scandinavian-scale earthquakes as well as rises in sea water up to 3,5 metres. The plant is to have four electricity backup systems, so that disasters like the ones in Japan may be averted. According to Silvennoinen, TVO is also reassessing security and design issues of Olkiluoto Units 1 and 2.</p>	3/16/2011	<a href="http://www.yle.fi/uutiset/news/2011/03/security_concerns_slow_construction_of_new_olkiluoto_nuclear_plant_2437741.html">http://www.yle.fi/uutiset/news/2011/03/security_concerns_slow_construction_of_new_olkiluoto_nuclear_plant_2437741.html</a>
France	2	Henri Guaino, a top adviser to French President Nicolas Sarkozy, said in a televised interview that France's nuclear industry wouldn't suffer the fallout of Japan's accident. "I'd say the contrary as France stands out for its focus on safety."	3/15/2011	<a href="http://online.wsj.com/article/SB10001424052748703363904576200730392463622.html">http://online.wsj.com/article/SB10001424052748703363904576200730392463622.html</a>

Country (Key U.S. markets in bold)	WNA new reactor projection - 2030 low	Official statement	Report date	Source
<b>Germany</b>	0	Chancellor Angela Merkel announced 3/15 that all 7 of the country's NPPs built before 1980 would be shut down (10 that came online after 1980 continue to operate), while safety checks are conducted. The decision came one day after the government, facing strong public opposition to nuclear energy ahead of upcoming regional elections, suspended plans to extend the life of its aging plants.	3/15/2011	<a href="http://www.washingtonpost.com/world/japan-crisis-revives-global-nuclear-debate/2011/03/15/ABdu2PY_story.html">http://www.washingtonpost.com/world/japan-crisis-revives-global-nuclear-debate/2011/03/15/ABdu2PY_story.html</a>
<b>Hungary</b>	2	State secretary for energy affairs János Bencsik announced that Hungary's only nuclear power plant in Paks will undergo tests to ensure the facility's long term safety.	3/18/2011	<a href="http://bbjonline.hu/energy/hungarys-nuclear-plant-to-undergo-stress-test_56657">http://bbjonline.hu/energy/hungarys-nuclear-plant-to-undergo-stress-test_56657</a>
<b>India</b>	16	Stressing that Indian atomic power plants were constantly upgraded to match current levels of safety requirements and were safe, scientists on Monday said that the events in Japan cannot slow down the country's nuclear energy programme in any way.	3/15/2011	<a href="http://www.hindu.com/2011/03/15/stories/2011031557580800.htm">http://www.hindu.com/2011/03/15/stories/2011031557580800.htm</a>
<b>Indonesia</b>	2	Indonesia said Wednesday that it will press on with plans to build a nuclear plant close to a fault line, despite the atomic emergency in earthquake and tsunami-ravaged Japan. "If we pick to build it on Bangka island, it will be based on several considerations which are in line with international safety criteria," National Atomic Energy Agency (BATAN) chief Hudi Hastowo told AFP. "The site has a relatively stable record of seismic and volcanic activity," he said, adding that the agency will "certainly" adopt more sophisticated technology than Japan. "It's too premature to discuss how the Japan crisis will directly affect our project," he said. "But in 2022 when we build the plant, we'll use a better technology system," he added.	3/16/2011	<a href="http://www.nuclearpowerdaily.com/reports/Swedish-firm-applies-to-bury-nuclear-waste-amid-protests-999.html">http://www.nuclearpowerdaily.com/reports/Swedish-firm-applies-to-bury-nuclear-waste-amid-protests-999.html</a>

Country (Key U.S. markets in bold)	WNA new reactor projection - 2030 low	Official statement	Report date	Source
<b>Israel</b>		Israel is unlikely to build nuclear power plants following the tragedy in Japan, Israel's Prime Minister told CNN. "I don't think we're going to pursue civil nuclear energy in the coming years," said the prime minister, explaining that the Japanese situation has caused him to "reconsider the projects of building civil nuclear power plants."	3/17/2011	<a href="http://piersmorgan.blogs.cnn.com/2011/03/17/Israel-prime-minister-netanyahu-japan-situation-has-caused-me-to-reconsider-nuclear-power/?hpt=t2">http://piersmorgan.blogs.cnn.com/2011/03/17/Israel-prime-minister-netanyahu-japan-situation-has-caused-me-to-reconsider-nuclear-power/?hpt=t2</a>
<b>Italy</b>		Italy said it would stick to plans to build its first nuclear power reactors.	3/16/2011	<a href="http://uk.reuters.com/article/2011/03/16/uk-europe-nuclear-reactions-idUKTRE72F2KI20110316">http://uk.reuters.com/article/2011/03/16/uk-europe-nuclear-reactions-idUKTRE72F2KI20110316</a>
<b>Japan</b>	7	NPP operators have shelved plans to build 2 plants in the north. TEPCO had planned to start building a 1380 MW plant in Aomori Prefecture in April 2011. Electric Power Development has put on hold the 3-year-old construction of a plant, also in Aomori, which would have been the first in Japan to burn a Mox fuel. The target year for completion was 2014.	3/17/2011	<a href="http://www3.nhk.or.jp/daily/english/17_36.html">http://www3.nhk.or.jp/daily/english/17_36.html</a>
<b>Jordan</b>	0	no information currently available	3/18/2011	
<b>Kazakhstan</b>	0	Vice Minister Duisenbai Turganov told a power conference in Astana, "We believe that the construction of a nuclear power plant should take place." Kazakhstan is more concerned about the falling price of uranium.	3/17/2011	<a href="http://www.telegraph.co.uk/finance/newsbysector/energy/8386724/Kazakhstan-ignores-radiophobia-and-pushes-ahead-with-reactor.html">http://www.telegraph.co.uk/finance/newsbysector/energy/8386724/Kazakhstan-ignores-radiophobia-and-pushes-ahead-with-reactor.html</a>
<b>Lithuania</b>	1	An advisor to President Dalia Grybauskaitė expressed concern about the higher costs for a planned new NPP because additional safety measures are expected to push up the price tag.	3/16/2011	<a href="http://uk.reuters.com/article/2011/03/16/uk-europe-nuclear-reactions-idUKTRE72F2KI20110316">http://uk.reuters.com/article/2011/03/16/uk-europe-nuclear-reactions-idUKTRE72F2KI20110316</a>
<b>Malaysia</b>		Cabinet has not yet decided whether to continue with NPP construction. It will make its decision based on information from the Malaysian Nuclear Power Corporation, tasked with setting up nuclear power plants, and the IAEA.	3/17/2011	<a href="http://thestar.com.my/news/story.asp?file=/2011/3/17/nation/8288534&amp;ec=nation">http://thestar.com.my/news/story.asp?file=/2011/3/17/nation/8288534&amp;ec=nation</a>

Country (Key U.S. markets in bold)	WNA new reactor projection - 2030 low	Official statement	Report date	Source
Mexico	1	Veracruz Governor Javier Duarte wrote on his Twitter account: "After completing a thorough inspection of the Laguna Verde nuclear power plant, we can say that it is safe." He added, "We have full guarantees from the federal government, the energy secretariat and the Federal Electricity Commission that Laguna Verde is in top operating condition." "We have a nuclear power plant that is fine and all the safeguards are in place, which allows society in Veracruz to not worry," Duarte said.	3/18/2011	<a href="http://www.sify.com/news/mexico-says-it-n-plant-is-safe-news-international-idskkdadhf.html">http://www.sify.com/news/mexico-says-it-n-plant-is-safe-news-international-idskkdadhf.html</a>
Netherlands	0	The Netherlands will continue plans to build the country's second nuclear power plant, an economic ministry spokesman said on Monday. He said it was too early to say whether developments in Japan would prolong the permitting process.	3/16/2011	<a href="http://uk.reuters.com/article/2011/03/16/uk-europe-nuclear-reactions-idUKTRE72F2KI20110316">http://uk.reuters.com/article/2011/03/16/uk-europe-nuclear-reactions-idUKTRE72F2KI20110316</a>
Nigeria	2			
Poland		The Chancellery of the Prime Minister has said that fears of a nuclear disaster in Japan following last Friday's earthquake and tsunami would not disturb Poland's own plans to develop two nuclear plants. At a press conference in Gdansk Prime Minister Donald Tusk said that Poland was not prone to seismic activity, while spokesperson Pawel Gras added that safety will be one of the government's principal criteria when it selects technology for the nuclear plant.	3/16/2011	<a href="http://blogs.wsj.com/new-europe/2011/03/16/poland-rules-out-japan-style-nuclear-crisis/?mod=google_news_blog">http://blogs.wsj.com/new-europe/2011/03/16/poland-rules-out-japan-style-nuclear-crisis/?mod=google_news_blog</a>
Romania	3	Romania's nuclear power plant in Cernavoda was built to last to an earthquake with a magnitude of 8 degrees, while Nuclearelectrica, which runs the Cernavoda NPP, stated that the earthquakes which can occur in Romania can have a maximum intensity of 7.5 degrees.	3/18/2011	<a href="http://www.romania-insider.com/nuclearelectrica-romania-s-nuclear-power-plant-cernavoda-built-to-last-unlikely-8-9-earthquake/20429/">http://www.romania-insider.com/nuclearelectrica-romania-s-nuclear-power-plant-cernavoda-built-to-last-unlikely-8-9-earthquake/20429/</a>

Country (Key U.S. markets in bold)	WNA new reactor projection - 2030 low	Official statement	Report date	Source
		(b)(5)	3/17/2011	Sent by US Embassy Moscow
Slovakia	1			
Slovenia	0	Slovenia appeared resolved Tuesday to continue using nuclear as a key energy source despite growing unease over nuclear safety following the disaster at Japan's earthquake-stricken Fukushima Daiichi.	3/15/2011	<a href="http://www.sta.si/en/vest.php?s=a&amp;id=1616253">http://www.sta.si/en/vest.php?s=a&amp;id=1616253</a>

Country (Key U.S. markets in bold)	WNA new reactor projection - 2030 low	Official statement	Report date	Source
South Africa	6	<p>South Africa this week approved a 20-year plan that will see an increased reliance on nuclear energy.</p> <p>South Africa needs to "diversify the energy mix" away from coal, Collins Chabane, a minister in the presidency, told reporters. Under the "Integrated Resource Plan," 23% of newly generated power should come from nuclear sources by 2031. That compares with 2.1% in 2009, according to BP Plc statistics.</p> <p>Nuclear power has a role to play meeting those energy needs, Brian Dames, CEO of state-owned power utility Eskom. "From a South African perspective, our geological conditions are distinctly different" to those in Japan, he said.</p> <p>"We haven't chosen a technology" for the nuclear plants, South Africa's Nelisiwe Magubane, director-general of the energy department, told reporters today.</p>	3/17/2011	<a href="http://www.businessweek.com/news/2011-03-17/s-africa-commits-to-nuclear-power-as-china-halts-expansion.html">http://www.businessweek.com/news/2011-03-17/s-africa-commits-to-nuclear-power-as-china-halts-expansion.html</a>
South Korea	7	<p>Vice science and technology minister, Kim Chang-kyung, said in a meeting 3/17 with officials at the main opposition Democratic Party, "The government is taking everything into consideration -- all past recorded earthquakes, instrumental earthquakes and the formation of faults -- in searching for sites of new nuclear power plants."</p> <p>In a separate move, the government also announced it will conduct a comprehensive safety check-up next week of all industrial facilities deemed prone to earthquake threats including all nuclear, oil, and gas facilities in the country.</p> <p>A similar 3-day check-up by the Ministry of Knowledge Economy is already underway in cooperation with the country's state-run KHNP. At the same time, the government plans to require all new nuclear power plants to be designed resistant to earthquakes of up to 7-magnitude, raising safety standards. The 21 nuclear reactors currently in operation, which supply 40% of electricity, can withstand earthquakes of around 6.5-magnitude.</p>	3/18/2011	<a href="http://english.peopledaily.com.cn/90001/90777/90851/7323656.html">http://english.peopledaily.com.cn/90001/90777/90851/7323656.html</a>

Country (Key U.S. markets in bold)	WNA new reactor projection - 2030 low	Official statement	Report date	Source
<b>Spain</b>	1	<p>Prime Minister Jose Luis Rodriguez Zapatero said Wednesday it will review security measures at all its six nuclear power plants in the wake of the disaster in Japan.</p> <p>"We should do this, but there are reasons to remain calm about the safety of our nuclear plants and about the reports the Nuclear Safety Council is preparing," Zapatero told reporters of his decision for a review.</p> <p>He added, "What we are going to do is be even more sure and safer. And if there is a needed improvement at some nuclear plant due to a hypothetical risk, that's the work of the Nuclear Safety Council."</p>	3/16/2011	<a href="http://edition.cnn.com/2011/WORLD/europe/03/16/spain.nuclear.power/index.html?eref=edition">http://edition.cnn.com/2011/WORLD/europe/03/16/spain.nuclear.power/index.html?eref=edition</a>
<b>Sweden</b>	1	<p>Sweden's Prime Minister Fredrik Reinfeldt said late on Sunday that a 2009 decision to allow existing nuclear reactors to be replaced at the end of their lifetime "still stands."</p>	3/16/2011	<a href="http://uk.reuters.com/article/2011/03/16/uk-europe-nuclear-reactions-idUKTRE72F2K120110316">http://uk.reuters.com/article/2011/03/16/uk-europe-nuclear-reactions-idUKTRE72F2K120110316</a>
<b>Switzerland</b>	1	<p>Switzerland has suspended the approvals process for three new nuclear power stations so safety standards can be revisited after the explosion at a Japanese plant, Energy Minister Doris Leuthard said on Monday.</p> <p>Energy Minister Doris Leuthard said the suspension would affect all "blanket authorization for nuclear replacement until safety standards have been carefully reviewed and if necessary adapted." Swiss regulatory authorities had given their stamp of approval to three sites for new nuclear power stations after the plans were submitted in 2008.</p> <p>"Safety and well-being of the population have the highest priority," said Leuthard, who instructed the Swiss Federal Nuclear Safety Inspectorate to analyze the exact cause of the accidents in Japan and draw up new or tougher safety standards "particularly in terms of seismic safety and cooling."</p> <p>Leuthard said that no new plants can be permitted until those experts report back. Their conclusions would apply not only to planned sites, but also existing plants. Switzerland now has four nuclear power</p>	3/14/2011	<a href="http://www.reuters.com/article/2011/03/14/nuclear-switzerland-idUSLDE72D1E120110314">http://www.reuters.com/article/2011/03/14/nuclear-switzerland-idUSLDE72D1E120110314</a>  <a href="http://www.wral.com/business/story/9266178/">http://www.wral.com/business/story/9266178/</a>



Country (Key U.S. markets in bold)	WNA new reactor projection - 2030 low	Official statement	Report date	Source
Taiwan	1	President Ma Ying-jeou ordered safety checks Tuesday of Taiwan's three existing plants but dismissed calls to put the fourth plant on hold.	3/15/2011	<a href="http://www.washingtonpost.com/world/japan-crisis-revives-global-nuclear-debate/2011/03/15/ABdu2PY_story.html">http://www.washingtonpost.com/world/japan-crisis-revives-global-nuclear-debate/2011/03/15/ABdu2PY_story.html</a>
Thailand	1	<p>Prime Minister Abhisit Vejjajiva told reporters Sunday the incident would "impact the decision of whether to build nuclear plants in Thailand" and that the country would need to look closely at safety before deciding whether to go ahead.</p> <p>In an interview later in the day, government spokesman Panitan Wattanayagorn said Mr. Abhisit has long opposed nuclear power because he fears the risk of accidents like the one in Japan, as well as the possibility of terrorist attacks. "The people who support the plans must have answers to these two issues," Mr. Panitan said, though he stressed the prime minister was willing to listen and wouldn't enforce his views if other factions in the government decided the country had to have the facilities.</p>	3/14/2011	<a href="http://online.wsj.com/article/SB10001424052748704027504576198290858783636.html#articleTabs=slideshow%30%26articleTabs%3Darticle">http://online.wsj.com/article/SB10001424052748704027504576198290858783636.html#articleTabs=slideshow%30%26articleTabs%3Darticle</a>
Turkey	5	The current accident at a nuclear power plant in Japan will not make Turkey pull the plug on the current construction of its first nuclear power station, a facility Russia is helping build, Turkish Prime Minister Recep Tayyip Erdogan said on Wednesday. Turkey and Russia are sticking to the schedule in building the nuclear plant, to be situated near the town of Akkuyu on the Mediterranean coast, Erdogan told a news conference after talks with Russian President Dmitry Medvedev.	3/17/2011	<a href="http://www.themoscowtimes.com/news/article/turkey-sticks-by-plans-for-nuclear-power-plant/432714.html">http://www.themoscowtimes.com/news/article/turkey-sticks-by-plans-for-nuclear-power-plant/432714.html</a>
Ukraine	7	Ukrainian Prime Minister Mykola Azarov said Tuesday that Kiev is moving ahead with plans to build two new reactors at the Khmelnytsky power plant. "I believe there is no possible alternative to the use of nuclear energy," he said at a news conference during a visit to Istanbul, "and only rich countries can afford to discuss the possibility of closing" nuclear plants.	3/15/2011	<a href="http://www.washingtonpost.com/world/japan-crisis-revives-global-nuclear-debate/2011/03/15/ABdu2PY_story.html">http://www.washingtonpost.com/world/japan-crisis-revives-global-nuclear-debate/2011/03/15/ABdu2PY_story.html</a>

Country (Key U.S. markets in bold)	WNA new reactor projection - 2030 low	Official statement	Report date	Source
<b>United Arab Emirates</b>		<p>Ambassador Hamad Al Kaabi - UAE Permanent Representative to the IAEA: "Nuclear energy emerged as the right choice for the UAE to diversify its electricity supply. In making this choice UAE recognized the importance and responsibility of ensuring highest standards nuclear safety and protection of public as a fundament principle. We are developing a program that is based on the best practices of the global nuclear energy sector, using proven technology that meets the highest international standards for safety and performance."</p> <p>"There will be lessons learned from Japan that will enable the industry to improve the rigorous safety practices that are already in place around the world," Al Kaabi added. "The Arabian Gulf is not an area with a history of tsunami activity. Still, the Braka power plants are designed to withstand a significant tsunami event, it is part of the design requirements." WAM quoted Al Kaabi as saying.</p>	3/18/2011	<p><a href="http://www.wam.ae/servlet/Satellite?c=WamLocNews&amp;cid=1300255320389&amp;pagename=WAM%2FWAM_E_PrintVersion">http://www.wam.ae/servlet/Satellite?c=WamLocNews&amp;cid=1300255320389&amp;pagename=WAM%2FWAM_E_PrintVersion</a></p> <p><a href="http://arabnews.com/middleeast/article320594.ece?service=print">http://arabnews.com/middleeast/article320594.ece?service=print</a></p>
<b>United Kingdom</b>	9	<p>Britain's Energy and Climate Change Secretary Chris Huhne said he had commissioned the Chief Nuclear Inspector to compose a thorough report on the implications of the situation in Japan and the lessons to be learned.</p> <p>The Health and Safety Executive said it was too early to say whether there would be any impact on the body's work to regulate Britain's nuclear new build program.</p>	3/14/2011	<p><a href="http://www.decc.gov.uk/en/content/cms/news/CHstate/Japan/CHstate.Japan.aspx">http://www.decc.gov.uk/en/content/cms/news/CHstate/Japan/CHstate.Japan.aspx</a></p>
<b>United States</b>	21	<p>The Obama administration will press ahead with efforts to expand loan guarantees for new nuclear reactors while investigating the failure of Japan's power plants after an earthquake, Energy Secretary Steven Chu said.</p>	3/14/2011	<p><a href="http://www.bloomberg.com/news/2011-03-16/u-s-to-press-ahead-with-expanding-loan-guarantees-for-reactors-chu-says.html?utm_source=newsletter&amp;utm_medium=email&amp;utm_campaign=endNuclearHeadlines">http://www.bloomberg.com/news/2011-03-16/u-s-to-press-ahead-with-expanding-loan-guarantees-for-reactors-chu-says.html?utm_source=newsletter&amp;utm_medium=email&amp;utm_campaign=endNuclearHeadlines</a></p>

Country (Key U.S. markets in bold)	WNA new reactor projection - 2030 low	Official statement	Report date	Source
<b>United States</b>		President Barack Obama on Tuesday defended the use of nuclear energy despite the calamity in Japan where a nuclear power plant leaked radiation in the wake of a devastating earthquake and tsunami.	3/15/2011	<a href="http://www.washingtonpost.com/obama-defends-use-of-nuclear-energy-despite-calamity-in-japan/2011/03/14/AB1QPTV_story.html">http://www.washingtonpost.com/obama-defends-use-of-nuclear-energy-despite-calamity-in-japan/2011/03/14/AB1QPTV_story.html</a>
<b>Vietnam</b>	4	"the Vietnamese government has said that it intends to forge ahead with a plan to build the country's first nuclear power plants, with Japanese and Russian assistance. Nguyen Phuong Nga, spokeswoman for Vietnam's foreign ministry, said that nuclear safety was a top priority and was "particularly	3/16/2011	<a href="http://blogs.ft.com/beyond-brics/2011/03/16/vietnam-nuclear-still-a-go/">http://blogs.ft.com/beyond-brics/2011/03/16/vietnam-nuclear-still-a-go/</a>
<b>Vietnam</b>		Non-official analyst: "I don't think the incident in Japan will have any impact on the nuclear power development plans in Vietnam," Vuong Huu Tan, head of the Vietnam Nuclear Energy Institute, told Dow Jones Newswires. The country's gas and hydropower potential is nearly fully exploited, and its coal must be imported. Huu Tan, head of the Vietnam Nuclear Energy Institute, told Dow Jones Newswires. The country's gas and hydropower potential is nearly fully exploited, and its coal must be imported.	3/14/2011	<a href="http://online.wsj.com/article/SB10001424052748704027504576198290858783636.html#articleTabs:slideshow%3D%26articleTabs%3Darticle">http://online.wsj.com/article/SB10001424052748704027504576198290858783636.html#articleTabs:slideshow%3D%26articleTabs%3Darticle</a>
				Total go ahead: 31 total back off: 6 Total No info: 9



NUCLEAR ENERGY INSTITUTE

## Frequently Asked Questions: Japanese Nuclear Energy Situation

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1. *What is the nuclear industry doing in the short-term to respond to the accident at the Fukushima nuclear power plant?*

The nuclear energy industry's top priority remains providing Japan with the support necessary to achieve safe shutdown of the Fukushima reactors.

The accident at Fukushima Daiichi was caused, in part, by extraordinary natural forces that were outside the plant's required design parameters. Even though the full extent of damage to these reactors still is unknown, the combination of the earthquake and the tsunami challenged the structural integrity and safety of the plant. As more is learned about the Japanese events, more long-term corrective actions will be developed.

The U.S. nuclear energy industry has already started an assessment of the events in Japan and is taking steps to ensure that U.S. reactors could respond to events that may challenge safe operation of the facilities. These actions include:

- Verify each plant's capability to manage major challenges, such as aircraft impacts and losses of large areas of the plant due to natural events, fires or explosions. Specific actions include testing and inspecting equipment required to mitigate these events, and verifying that qualifications of operators and support staff required to implement them are current.
- Verify each plant's capability to manage a total loss of off-site power. This will require verification that all required materials are adequate and properly staged and that procedures are in place, and focusing operator training on these extreme events.
- Verify the capability to mitigate flooding and the impact of floods on systems inside and outside the plant. Specific actions include verifying required materials and equipment are properly located to protect them from flood.
- Perform walk-downs and inspection of important equipment needed to respond successfully to extreme events like fires and floods. This work will include analysis to identify any potential that equipment functions could be lost during seismic events appropriate for the site, and development of strategies to mitigate any potential vulnerabilities.

2. *Could an accident like the one at Japan's Fukushima Daiichi nuclear plant happen in the United States?*

It is difficult to answer this question until we have a better understanding of the precise problems and conditions that faced the operators at Fukushima Daiichi. We do know, however, that Fukushima Daiichi Units 1-3 lost all offsite power and emergency diesel generators. This situation is called "station blackout." U.S. nuclear power plants are designed to cope with a station blackout event that involves a loss of offsite power *and* onsite emergency power. The Nuclear Regulatory Commission's detailed regulations address this scenario. U.S. nuclear plants are required to conduct a "coping" assessment and develop a strategy to demonstrate to the NRC that they could maintain the plant in a

safe condition during a station blackout scenario. These assessments, proposed modifications and operating procedures were reviewed and approved by the NRC. Several plants added additional AC power sources to comply with this regulation.

In addition, U.S. nuclear plant designs and operating practices since the terrorist events of September 11, 2001, are designed to mitigate severe accident scenarios such as aircraft impact, which include the complete loss of offsite power and all on-site emergency power sources *and* loss of large areas of the plant. U.S. nuclear plants are equipped to deal with these extreme events ("beyond-design-basis events") and nuclear plant operations staff are trained to manage them.

U.S. nuclear plant designs include consideration of seismic events and tsunamis. It is important not to extrapolate earthquake and tsunami data from one location of the world to another when evaluating these natural hazards. These catastrophic natural events are very region- and location-specific, based on tectonic and geological fault line locations.

3. *How will the U.S. nuclear industry assess the impact of the Fukushima Daiichi accident?*

Until we understand clearly what has occurred at the Fukushima Daiichi nuclear power plants, and any consequences, it is difficult to speculate about the long-term impact on the U.S. nuclear energy program. The U.S. nuclear industry, the U.S. Nuclear Regulatory Commission, the Institute of Nuclear Power Operations, the World Association of Nuclear Operators and other expert organizations in the United States and around the world will conduct detailed reviews of the accident, identify lessons learned (both in terms of plant operation and design), and we will incorporate those lessons learned into the design and operation of U.S. nuclear power plants. When we fully understand the facts surrounding the event in Japan, we will use those insights to make nuclear energy even safer.

In the long-term, we believe that the U.S. nuclear energy enterprise is built on a strong foundation:

- reactor designs and operating practices that incorporate a defense-in-depth approach and multiple levels of redundant systems
- a strong, independent regulatory infrastructure
- a transparent regulatory process that provides for public participation in licensing decisions, and
- a continuing and systematic process to identify lessons learned from operating experience and to incorporate those lessons.

4. *How serious are the releases of radiation from Fukushima Daiichi? Do they represent a threat to human health? Will we see an increase in cancer rates in future years?*

As a result of fuel damage in at least four of the Fukushima reactors, significant releases of radioactive materials have been detected at the site. The implications of these releases on the health and safety of the public are not yet fully understood. The Japanese government implemented emergency planning procedures and evacuated residents within a 12.5-mile radius of the plant before the radiation releases were detected. Authorities are also distributing potassium iodide tablets to specifically protect against exposure from radioactive iodine that may be present in the releases and are monitoring the evacuees for potential exposure. Any speculation about possible health effects would be premature until more accurate and complete data becomes available.

5. *How many U.S. reactors use the Mark I containment design used at Fukushima Daiichi Unit 1?*

Six U.S. nuclear reactors (Monticello in Minnesota, Pilgrim in Massachusetts, Dresden 2 and 3 and Quad Cities 1 and 2 in Illinois) are the same base design as the Fukushima Daiichi Unit 1 design (BWR-3 design with Mark I containment). Twenty-three U.S. nuclear plants are boiling water reactors (either BWR-2, BWR-3 or BWR-4) and use the Mark I containment: Browns Ferry 1, 2 and 3; Brunswick 1 and 2; Cooper; Dresden 2 and 3; Duane Arnold; Hatch 1 and 2; Fermi; Hope Creek; Fitzpatrick; Monticello; Nine Mile Point 1; Oyster Creek; Peach Bottom 2 and 3; Pilgrim; Quad Cities 1 and 2; Vermont Yankee. Although these are the same basic reactor design, specific elements of the safety systems will vary based on the requirements of the U.S. NRC.

6. *There have been questions raised in the past about the BWR Mark I containment like that at Fukushima Daiichi. Some critics have pointed to a comment by an NRC official in the early 1980s: "Mark I containment, especially being smaller with lower design pressure, in spite of the suppression pool, if you look at the WASH 1400 safety study, you'll find something like a 90% probability of that containment failing."*

The Mark I containment meets all Nuclear Regulatory Commission design and safety requirements necessary to protect public health and safety. The WASH-1400 safety study referenced was performed in 1975. The Nuclear Regulatory Commission has analyzed the Mark I containment design in great detail since then. The NRC analysis found that the BWR Mark I risk was dominated by two scenarios: station blackout and anticipated transient without scram. The NRC subsequently promulgated regulations for both of these sequences as well as other actions to reduce the probability of containment failure.

GE has made a number of design changes to the Mark I containment to address concerns raised in the past, including modifications to dissipate energy released to the suppression pool and supports to accommodate loads that could be generated. These retrofits were approved by the Nuclear Regulatory Commission and made to all U.S. plants with the Mark I containment.

7. *What happens when you have a complete loss of electrical power to operate pumps in a BWR-3 reactor with Mark I containment like the one at Fukushima Daiichi Unit 1?*

If plant operators cannot move water through the reactor core, the water in the reactor vessel begins to boil and turn to steam, increasing pressure inside the reactor vessel. In order to keep the reactor vessel pressure below design limits, this steam is then piped into what is called a "suppression pool" of water or "torus" – a large doughnut-shaped tank that sits beneath the reactor vessel.

Eventually, the water in the suppression pool reaches "saturation" – i.e., it cannot absorb any additional heat and it, too begins to boil, increasing pressure in containment. In order to stay within design limits for the primary containment, operators reduce pressure by venting steam through filters (to scrub out any radioactive particles) to the atmosphere through the vent stack.

If operators cannot pump additional water into the reactor vessel, the water level will begin to drop, uncovering the fuel rods. If the fuel remains uncovered for an extended period of time, fuel damage, possibly including melting of fuel, may occur. If there is fuel damage, and steam is being vented to the suppression pool, then to primary containment, then to secondary containment (in order to relieve pressure build-up on plant systems), small quantities of radioactive materials will escape to the environment.

8. *Are U.S. emergency planning requirements and practices adequate to deal with a situation like that faced at Fukushima Daiichi?*

Yes. Federal law requires that energy companies develop and perform graded exercises of sophisticated emergency response plans to protect the public in the event of an accident at a nuclear power plant. The U.S. Nuclear Regulatory Commission reviews and approves these plans. In addition, the NRC coordinates approval of these plans with the Federal Emergency Management Agency (FEMA), which has the lead federal role in emergency planning beyond the nuclear plant site. An approved emergency plan is required for the plant to maintain its federal operating license. A nuclear plant's emergency response plan must provide protective measures, such as sheltering and evacuation of communities within a 10-mile radius of the facility. In 2001, the NRC issued new requirements and guidance that focus in part on emergency preparedness at plant sites in response to security threats. The industry has implemented these measures, which address such issues as on-site sheltering and evacuation, public communications, and emergency staffing in the specific context of a security breach. Several communities have used the structure of nuclear plant emergency plans to respond to other types of emergencies. For example, during the 2007 wildfires in California, county emergency officials drew on relationships and communications links they had established during their years of planning for nuclear-related events.

In addition, as part of the emergency plan, nuclear plant operators would also staff Emergency Centers within one hour to provide support to the plant staff during the event. This support would be in the form of:

- Technical expertise (engineering, operations, maintenance and radiological controls)
- Offsite communications and interfaces, (state, local and NRC)
- Security and logistics

9. *Should U.S. nuclear facilities be required to withstand earthquakes and tsunamis of the kind just experienced in Japan? If not, why not?*

U.S. nuclear reactors are designed to withstand an earthquake equal to the most significant historical event or the maximum projected seismic event and associated tsunami without any breach of safety systems.

The lessons learned from events at Fukushima must be reviewed carefully to see whether they apply to U.S. nuclear power plants. It is important not to extrapolate earthquake and tsunami data from one location of the world to another when evaluating these natural hazards, however. These catastrophic natural events are very region- and location-specific, based on tectonic and geological fault line locations.

The U.S. Geological Survey (USGS) conducts continuous research of earthquake history and geology, and publishes updated seismic hazard curves for various regions in the continental US. These curves are updated approximately every six years. NRC identified a generic issue (GI-199) that is currently undergoing an evaluation to assess implications of this new information to nuclear plant sites located in the central and eastern United States. The industry is working with the NRC to develop a methodology for addressing this issue.

10. *Is this accident likely to result in changes to regulatory requirements for U.S. nuclear plants in seismically active areas? Will those regulatory requirements be revisited and made more robust?*

The nuclear energy industry believes that existing seismic design criteria are adequate. Every U.S. nuclear power plant has an in-depth seismic analysis and is designed and constructed to withstand the maximum projected earthquake that could occur in its area without any breach of safety systems. Each reactor is built to withstand the maximum site-specific earthquake by utilizing reinforced concrete and other specialized materials. Each reactor would retain the ability to safely shut down the plant without a release of radiation. Given the seismic history in California, for example, plants in that state are built to withstand an even higher level of seismic activity than plants in many other parts of the country.

Engineers and scientists calculate the potential for earthquake-induced ground motion for a site using a wide range of data and review the impacts of historical earthquakes up to 200 miles away. Those earthquakes within 25 miles are studied in great detail. They use this research to determine the maximum potential earthquake that could affect the site. Each reactor is built to withstand the respective strongest earthquake. Experts identify the potential ground motion for a given site by studying various soil characteristics directly under the plant. For example, a site that features clay over bedrock will respond differently during an earthquake than a hard-rock site. Taking all of these factors into account, experts determine the maximum ground motion the plant must be designed to withstand. As a result, the design requirements for resisting ground motion are greater than indicated by historical records for that site.

It is also important not to extrapolate earthquake and tsunami data from one location of the world to another when evaluating these natural hazards. These catastrophic natural events are very region- and location-specific, based on tectonic and geological fault line locations.

11. *What would happen to the used fuel in the storage pools if cooling was lost?*

We do not know the precise condition of the used fuel storage pools at Fukushima Units 1, 2, 3 and 4.

Used nuclear fuel at the Fukushima Daiichi plant is stored in seven pools (one at each of the six reactors, plus a shared pool) and in a dry container storage facility (containing nine casks). Sixty percent of the used fuel on site is stored in the shared pool, in a building separated from the reactor buildings; 34 percent of the used fuel is distributed between the six reactor fuel storage pools, and the remaining six percent is stored in the nine dry storage containers. The used fuel pools at the Fukushima Daiichi reactors are located at the top of the reactor buildings for ease of handling during refueling operations. There are no safety concerns regarding the used fuel in dry storage at Fukushima Daiichi.

Used fuel pools are robust concrete and steel structures. Pools are designed with systems to maintain the temperature and water levels sufficient to provide cooling and radiation shielding. The water level in a used fuel pool typically is 16 feet or more above the top of the fuel assemblies. The used fuel pools are designed so that the water in the pool cannot drain down as a result of damage to the piping or cooling systems. The only way to rapidly drain down the pool is if there is structural damage to the walls or the floor.

If the cooling systems are unable to function, the heat generated by the used fuel would result in a slow increase in the temperature of the spent fuel pool water. The operating temperature of the pools is typically around 40 degrees C or 100 degrees F (the boiling point for water is 100 C or 212 F).



This slow increase in temperature would result in an increased evaporation rate. Rapid evaporation of the water will not occur.

Exact evaporation rates would depend on the amount of used fuel in the pool and how long it has cooled. The rate at which the pool water level would decrease (due to evaporation or mild boiling) in the absence of cooling system function would not be expected to lower water levels by more than a few percent per day. Given that there is approximately 16 feet or more of water above the used fuel assemblies, operators would have time to find another way to add water to the pools before the fuel would become exposed.

At the surface of the used fuel pool, the dose rate from gamma radiation emanating off the used fuel assemblies is typically less than 2 millirem per hour. If the water level decreases, gamma radiation levels would increase substantially. This increase would be noticed at the radiation monitors near the reactor buildings.

12. *Given that Fukushima Daiichi Unit 1 is a 1970s-vintage plant, do you anticipate increased regulatory requirements and scrutiny on U.S. plants of similar vintage? Do you think the accident will have an impact on license renewal of the older U.S. nuclear power plants?*

The U.S. nuclear energy industry and the Nuclear Regulatory Commission will analyze the events at Fukushima Daiichi, identify lessons learned and incorporate those lessons, as appropriate, into the design and operation of U.S. nuclear power plants.

The U.S. industry routinely incorporates lessons learned from operating experience into its reactor designs and operations. For example, as a result of the 1979 accident at Three Mile Island, the industry learned valuable lessons about hydrogen accumulation inside containment. As an example, after Three Mile Island, many boiling water reactors implemented a modification referred to as a hardened vent or direct vent. This allows the plant to vent primary containment via high pressure piping. This precludes over-pressurization of containment.

13. *Do the events indicate that iodine tablets should be made widely available during an emergency?*

The thyroid gland preferentially absorbs iodine. In doing so it does not differentiate between radioactive and nonradioactive forms of iodine. The ingestion of nonradioactive potassium iodide (KI), if taken within several hours of likely exposure to radioactive iodine, can protect the thyroid gland by blocking further uptake of radioactive forms of iodine. KI does not protect any other part of the body, nor does it protect against any other radioactive element.

The NRC has made available KI tablets to states that have requested it for the population within the 10-mile emergency planning zone (EPZ) of a nuclear reactor. If necessary, KI is to be used to supplement other measures, such as evacuation, sheltering in place, and control of the food supply, not to take the place of these actions. The Environmental Protection Agency and the Food and Drug Administration have published guidance for state emergency responders on the dosage and effectiveness of KI on different segments of the population. According to the EPA guidance, "KI provides optimal protection when administered immediately prior to or in conjunction with passage of a radioactive cloud."

Populations within the 10-mile emergency planning zone of a nuclear plant are at greatest risk of exposure to radiation and radioactive materials including radioactive iodine. Beyond 10 miles, the major risk of radioiodine exposure is from ingestion of contaminated foodstuffs, particularly milk

products. Both the EPA and the FDA have published guidance to protect consumers from contaminated foods within a 50 mile radius.

*14. What caused the explosions at Fukushima Daiichi Units 1-3?*

The explosions at Units 1, 2 and 3 appear to have been caused by a build-up of hydrogen.

The uranium fuel pellets are enclosed in metal tubes made of a zirconium alloy. When exposed to very high temperatures, the zirconium reacts with water to form zirconium oxide and hydrogen.

This appears to have happened at Fukushima Daiichi Units 1 and 3, when a portion of the uranium fuel was uncovered. It is assumed that the hydrogen found its way into the reactor building, accumulated there, and ignited. Although significant events, the explosions did not appear to compromise the integrity of the primary containments or the reactor vessels at these units.

The explosion in Unit 2 appears to have happened as a result of a similar phenomenon. The hydrogen appears to have ignited inside the reactor. Although a breach in the Unit 2 containment was suspected shortly following the explosion, more recent reports indicate primary containment is maintaining pressure which would indicate integrity has not been compromised.

*15. Did the reactor cores melt at any of the Fukushima Daiichi reactors? Was there any fuel damage?*

Fukushima Daiichi Units 1, 2, and 3 have experienced some fuel damage, since the fuel rods or portions of the fuel rods were uncovered (not covered with water) for some period of time. There is no evidence of a complete core meltdown at any unit, however. The information we have suggests that the basic core configuration so far remains intact, so some water or steam cooling through the core is occurring.

*16. Are there any additional concerns associated with the mixed oxide fuel in Unit 3?*

Unit 3 installed some mixed oxide (MOx) fuel assemblies during its last refueling outage in September, 2010. Mixed oxide fuel is a combination of uranium oxide and plutonium oxide, and is not used in the U.S. reactors, except for limited experimental testing. Failure to keep MOx fuel assemblies covered with water – and the resulting overheating and damage to the MOx fuel assemblies, and release of fission products – does not pose an additional threat when compared with the traditional uranium oxide fuel assemblies. The melting point of the MOx fuel assemblies is also similar to uranium oxide fuel assemblies, so the risk of damage due to overheating does not increase with the use of MOX fuel.

*17. Do the events indicate that evacuation zones around plants should be extended?*

The 10-mile emergency planning zone around nuclear power plants as determined in 1978 by a multi-agency federal task force is appropriate and should not change due to the accident at Fukushima Daiichi. In the United States, a nuclear plant's emergency response plan must provide protective measures, such as sheltering and evacuation of communities within a 10-mile radius of the facility. Japan used a similar plan. During the accident there, the Japanese government has issued evacuation orders for a 20-kilometre (12.5-mile) radius around Fukushima Daiichi, and a 3-kilometre radius around Fukushima Daini.

*18. What will be the impact of the Fukushima Daiichi accident on new nuclear plant construction in the United States?*

New nuclear power plant construction in the United States is in the early stages and proceeding in a deliberate fashion. There is ample time to incorporate lessons learned from these events during the construction period.

Nuclear energy has been and will continue to be a key element in meeting America's energy needs. The nuclear industry sets the highest standards for safety and, through our focus on continuous learning, we will incorporate lessons learned from the events in Japan into the ongoing process of designing, licensing and building new nuclear power plants.

Two companies have started site preparation and other construction-related activities for new nuclear power plants in Georgia and South Carolina, with the expectation that they will receive their combined construction-operating licenses from the Nuclear Regulatory Commission in late 2011 or early 2012. We expect those new reactor projects to proceed. Both projects use a light water reactor design with advanced safety features – i.e., the reactors rely on natural forces like gravity (rather than engineered safety features like pumps) to deliver water to cool the reactor core.

In addition, a number of companies are moving forward with design, licensing and – at the appropriate time – construction of small modular reactors (SMRs), which also incorporate design features that provide additional safety margin.

Although America's 104 nuclear power plants are safe and meet all requirements necessary to protect public health and safety, these new designs are even safer.

*Updated 3.17.2011*



## **NEI Shares Obama Call to Incorporate Safety Lessons From Japan Accident**

WASHINGTON, D.C., March 17, 2011—The following is a statement by Marvin S. Fertel, president and chief executive officer at the Nuclear Energy Institute, on President Obama's remarks today regarding the Fukushima nuclear power plant in Japan.

“We appreciate the President’s leadership during this difficult time for the people of Japan. Like the President, our industry recognizes that there is concern about the accident in Japan and we are providing resources and expertise to the Japanese industry to return the Fukushima plant to a safe condition. This is a very serious matter in Japan, but we echo the assessment of health experts that there is currently no health threat to the United States.

“A review of our nuclear plants is an appropriate step after an event of this scale and we expect that the Nuclear Regulatory Commission will conduct its own assessment. The industry’s highest priority is the safe operation of 104 reactors in 31 states and we will incorporate lessons learned from this accident at American nuclear energy facilities. The commitment, along with the strict regulation of the industry by the Nuclear Regulatory Commission, has made U.S. reactors the safest in the world.

“Even before we can get lessons learned from Japan, all companies that produce electricity at nuclear power plants are verifying their capability to maintain safety even in the face of severe adverse events.”

###

The Nuclear Energy Institute is the nuclear energy industry’s policy organization. This news release and additional information about nuclear energy are available at [www.nei.org](http://www.nei.org).



### **NRC response to MSNBC Seismic Article:**

The objective of the GI-199 Safety/Risk Assessment was to perform a conservative, screening-level assessment to evaluate if further investigations of seismic safety for operating reactors in the central and eastern U.S. (CEUS) are warranted consistent with NRC directives. The results of the GI-199 SRA should not be interpreted as definitive estimates of plant-specific seismic risk. The nature of the information used (both seismic hazard data and plant-level fragility information) make these estimates useful only as a screening tool. The NRC does not rank plants by seismic risk.

Operating nuclear plants in the United States remain safe, with no need for immediate action. This determination is based on NRC staff reviews of updated seismic hazard information and the conclusions of the Generic Issue 199 Screening Panel. Existing plants were designed with considerable margin to be able to withstand the ground motions from the “deterministic” or “scenario earthquake” that accounted for the largest earthquake expected in the area around the plant.

During the mid-to late-1990s, the NRC staff reassessed the margin beyond the design basis as part of the Individual Plant Examination of External Events (IPEEE) program. The results of the GI-199 assessment demonstrate that the probability of exceeding the design basis ground motion may have increased at some sites, but only by a relatively small amount. In addition, the Safety/Risk Assessment stage results indicate that the probabilities of seismic core damage are lower than the guidelines for taking immediate action.

Click [here](#) to unsubscribe

**Doane, Margaret**

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**From:** Doane, Margaret  
**Sent:** Friday, March 18, 2011 8:17 PM  
**To:** Smith, Brooke  
**Subject:** Follow up

(b)(5)

That was very encouraging to hear.

The meeting reports you guys are giving through the ops center are great. Thanks!

(b)(5)

Margie

Sent from an NRC Blackberry  
Margaret Doane

**Doane, Margaret**

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**From:** ANS.HOC@nrc.gov  
**Sent:** Friday, March 18, 2011 7:25 PM  
**To:** Doane, Margaret  
**Subject:** ACTION: ~~(OO)~~ Commissioners Assistants Briefing Notification  
**Attachments:** USNRC Earthquake-Tsunami Update.031811.1800EDT.pdf

There will be a Commissioners Assistants Briefing given by the NRC HQ at 8 p.m. EDT concerning the Reactor Events in Japan. Call (b)(6) approximately 5 minutes before the scheduled start time. When prompted, enter security code (b)(6). You may call 301-816-5164 at this time and follow the voice prompts if you do not wish to receive this notification from our Automatic Notification System. See attachment.

**Doane, Margaret**

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**From:** Mamish, Nader  
**Sent:** Friday, March 18, 2011 9:10 PM  
**To:** Doane, Margaret; Ramsey, Jack  
**Subject:** RE: Very good news

Great - thanks!

---

**From:** Doane, Margaret  
**Sent:** Friday, March 18, 2011 8:07 PM  
**To:** Mamish, Nader; Ramsey, Jack  
**Subject:** Very good news

(b)(5)

Margie

Sent from an NRC Blackberry  
Margaret Doane



**Doane, Margaret**

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**From:** Rosales-Cooper, Cindy  
**Sent:** Friday, March 18, 2011 9:31 PM  
**To:** Holahan, Gary; Abrams, Charlotte; Johnson, Michael  
**Cc:** Doane, Margaret; Mamish, Nader  
**Subject:** Re: assistance to OIP

I'd like to think I'm worth just a little more than that.

I can support the Ops Center shift as well.

Cindy

---

**From:** Holahan, Gary  
**To:** Abrams, Charlotte; Johnson, Michael  
**Cc:** Doane, Margaret; Mamish, Nader; Rosales-Cooper, Cindy  
**Sent:** Fri Mar 18 17:44:45 2011  
**Subject:** RE: assistance to OIP

Yes, of course ... Consulting 5 cents

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**From:** Abrams, Charlotte  
**Sent:** Friday, March 18, 2011 5:36 PM  
**To:** Johnson, Michael; Holahan, Gary  
**Cc:** Doane, Margaret; Mamish, Nader; Rosales-Cooper, Cindy  
**Subject:** assistance to OIP

Mike and Gary –

At the moment OIP is without its China desk officer and the backup desk officer is also out of the country. Is it possible that we could call on Cindy if any questions arise in the next several weeks that warrant contact with the regulator in China? We have nothing specific on the agenda with regard to the Chinese, but occasionally questions arise that would be better handled by someone familiar with the staff and management at the Chinese NNSA.

Additionally, OIP has international liaison coverage for all time periods for the next two weeks, except the 11:00 p.m. to 7:00 a.m. shift on Saturday, March 26 – Sunday, March 27. If Cindy is able to cover this time, we would be most appreciative.

**Doane, Margaret**

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**From:** Sheron, Brian  
**Sent:** Friday, March 18, 2011 10:21 PM  
**To:** Evans, Michele; Uhle, Jennifer; Pederson, Cynthia; McCree, Victor; Mamish, Nader; Lew, David; Leeds, Eric  
**Cc:** Satorius, Mark; Wert, Leonard; Doane, Margaret; Grobe, Jack; Johnson, Michael  
**Subject:** RE: ACTION NEEDED: Proposed replacement staff for team in Japan

(b)(5)

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**From:** Evans, Michele  
**Sent:** Friday, March 18, 2011 7:07 PM  
**To:** Uhle, Jennifer; Pederson, Cynthia; McCree, Victor; Mamish, Nader; Lew, David; Leeds, Eric  
**Cc:** Sheron, Brian; Satorius, Mark; Wert, Leonard; Doane, Margaret; Grobe, Jack; Johnson, Michael  
**Subject:** ACTION NEEDED: Proposed replacement staff for team in Japan

(b)(5)

Thanks for everyone's support.

Michele

**From:** Evans, Michele  
**Sent:** Friday, March 18, 2011 6:47 PM  
**To:** Casto, Chuck; Monninger, John; Dorman, Dan  
**Cc:** Weber, Michael; Borchartt, Bill; Virgilio, Martin; Boger, Bruce; Zimmerman, Roy; Wiggins, Jim  
**Subject:** Proposed replacement staff for team in Japan

Chuck,

Based on the input you provided this morning regarding expertise for the next wave of staff going to Japan, we're proposing the attached team.

(b)(5)

BV/179

(b)(5)

If you want to further discuss the skill sets, the staff, the timing, or any other needs please let me know. I can be on the phone in the Ops Center to discuss with you on Saturday morning as early as 7 am Washington time. Please communicate your preference for a discussion with the ET in the Ops Center.

Thanks

Michele

**Doane, Margaret**

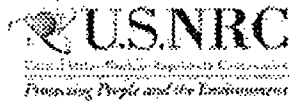
---

**From:** HOO Hoc  
**Sent:** Friday, March 18, 2011 10:33 PM  
**To:** HOO Hoc  
**Subject:** FYI: Senior Managers Availability for 03-21-2011 to 03-27-2011  
**Attachments:** Senior Manager Availability Guidance - Attachment 3.pdf; Senior Manager Request - Distribution Matrix update 12-07-10.doc; Senior Management & ET Availability 03-21-2011 to 03-27-2011.pdf

Attached is the Senior Managers Availability for the next week, the EDO Staff Memo concerning notification of the Operations Center when an ET member is not available and the Senior Managers Availability Request-Distribution Matrix.

If there are any updates, please contact the Operations Center at (301) 816-5100.

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



**Doane, Margaret**

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**From:** LIA03 Hoc  
**Sent:** Friday, March 18, 2011 10:58 PM  
**To:** Fragoyannis, Nancy; Doane, Margaret; Mamish, Nader; Abrams, Charlotte; Wittick, Brian; Afshar-Tous, Mugeh; 'ShafferMR@state.gov'; Smith, Brooke; Foggie, Kirk; Bloom, Steven; Schwartzman, Jennifer; Tobin, Jennifer; Mayros, Lauren; Jones, Andrea; English, Lance; Smiroldo, Elizabeth; Young, Francis; Henderson, Karen  
**Cc:** Emche, Danielle; Stahl, Eric; Dembek, Stephen; LIA03 Hoc; LIA07 Hoc  
**Subject:** TRANSITION REPORT FOR MARCH 18, 2011 11 PM  
**Attachments:** Brooke Briefing \_March 18\_19.15.doc

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**TRANSITION REPORT FOR MARCH 18, 2011 11 PM**

1. **NRC Relief Team to Japan.** The NRC will be sending a relief team to Japan beginning tomorrow (Saturday, March 19). Dan Dorman will be leaving tomorrow and will serve as deputy head of delegation (and ultimate replacement for Chuck Casto) and will arrive Sunday at 4:35pm (Japan time). Two more staff will depart on Monday to relieve Tony Ulses and Jim Trapp and a larger group will be dispatched Wednesday or Thursday. Aside from Dan Dorman, the group remains unnamed. Dan has been briefed. As of 9:20 pm, Tim Kolb (one of the team members) is feeling ill (headcold and laryngitis) it appears that he will be coming home this weekend (arrival at 3:38 Saturday). Action: The international liaison desk will need to continue its role as liaison between NRC Ops Center and USAID on the details and making sure Dan (and future travelers) has everything he needs.
2. **DOE Flyover Data.** DOE has released SitReps that include data from flyovers they've conducted. Mark Shaffer advises that  

(b)(5)
3. **New reporting requirements.** Action: International updates must now be sent to LIA07 (to be put in the HOO Status Update) before the end of every shift as well as posted on the LT status board (different than the LT Log). There is an international updates file open on the LIA03 computer and the status board is available on WebEOC.
4. **NRC Japan Team Feedback for Margie.** Margie has requested that the 11pm-7am shift make contact with Brooke and Kirk (by phone) to obtain information concerning their contact with Japanese government authorities throughout the day. Action: this information needs to be turned into a one-pager that will be used by Margie during her 8:30am morning meetings with the Chairman. One-pager should be completed and sent prior to 7am transition. Of particular interest is: general topic of discussion, position/organization of meeting participants, location of meeting, general impression of the discussion, attitude of Japanese, results, important things for the Chairman to know, etc. We are not looking for specific technical information.
5. **Communication with NRC Japan Team.** Lauren spoke with Brooke at 7:15 regarding their current status and the meeting with the Russians. Please see Lauren's write-up (attached) for a one-page summary.
6. **Japan Group Email Alias.** Kirk requested that we contact CSC about arranging an email group/distribution for all NRC team members in Japan to allow easier communication to/from/amongst the team. List was set up – it is "Liaison Japan". We have sent a test message and it was successful. Dan Dorman has been added. Action: Please forward any pertinent information to the team via this alias.
7. **Shift Changes.** Action: Put names of watch stander on emails; inform Brooke and Kirk when shift changes.
8. **Ongoing communication with the UK.** We (int'l and RST) participated in the daily 0930 call with the UK, Canada and France to discuss current conditions at the plant. This call will be held at the same time during the weekend. Separately, we have had a health physics call with these same countries and are working

with the PMT on source-term-related information sharing with them. Another call on this subject has been scheduled for 2:00 PM tomorrow (Saturday). UK and IRSN have already shared information with us.

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There is an email distribution list flagged on the LIA02 inbox (red flag, yellow box) where it should be sent when the time comes. Action 1: Int'l liaison and RST should staff 0930 daily call on Saturday and Sunday. Action 2: Int'l liaison and PMT should staff 2:00 PM health physics call on Saturday and arrange any requested subsequent calls. Action 3: Stay in touch with PMT on when U.S. source term data can be shared.

9. **NHK Query concerning 2000 Sandia Test.** NHK (Japan TV), through NEA, has requested information about Sandia testing done in 2000 related to RPV strength related to pressure and blasts. Email was sent to RES (Dehn, Sangimino, Eisenberg, Calvo). RES has no objection but requested we clear it with OPA. David McIntyre shared the request with Eliot Brenner. We are awaiting response from Eliot. Once OPA clears off we can reply to NEA (notify ET for info). Followed-up with OPA on their response, then contacted Jeff Dehn in RES.
10. **IAEA Japan Team.** Based on an ET request, Eric Stahl contacted the IAEA Incident and Emergency Center (IEC) via phone about the arrival, makeup and goals of the IAEA team being sent to Japan. IEC requested we submit the questions via email to [iec6@iaea.org](mailto:iec6@iaea.org).

(b)(5)

Action: If names are provided, give them to E, then inform NRC team in Japan. They had requested to meet with members of the IAEA team if possible.

11. **Passing clearances.** There was an urgent request for Valerie Kerben/NRC Security to pass the team's security clearances to Cynthia Hoof at [HoofC@State.gov](mailto:HoofC@State.gov) or [HoofC@State.sgov.gov](mailto:HoofC@State.sgov.gov). This action has been completed, but keep her information around because the replacement team's clearances will need to be passed. Her phone number is 81-3-3224-5583.
12. **ENAC.** Please continue to regularly check ENAC for newly-posted documents. The translators are doing a great job working with the Japanese-language material and communicating with RST and PMT personnel.
13. **Conference Call with State. (+Fed. Family)** NRC on-site team gave a status update of their activities. Chuck Casto wanted help reducing the amount of radiation on the site and need help assessing the affect of seawater on the reactor vessel (and head) especially with regard to heat transfer. They are working on three different systems to cool the pools. The Australians are working on one (flying in equipment). The second one is the TEPCO solution which involves getting cement pumping trucks to pump water instead of cement. The third one is from Tokyo fire department who also have pump system that may be useful. U.S. believes that we should go forward with all 3 paths in the hopes that at least one of them work. They are fairly certain that pools at Units 3 and 4 are dry. Action: Same call tomorrow (Saturday, March 19 at 9:30EST)

**Doane, Margaret**

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**From:** LIA02 Hoc  
**Sent:** Friday, March 18, 2011 11:21 PM  
**To:** Carter, Mary  
**Cc:** Doane, Margaret; Dembek, Stephen  
**Subject:** FW: Dan Dorman's arrival time (4:35 pm Sun Mar 20)

**Importance:** High

Mary,  
I wasn't sure if you were working on this, but in case you are, here is the latest message from Brooke.  
Thanks,  
Elizabeth

---

**From:** Smith, Brooke  
**Sent:** Friday, March 18, 2011 11:19 PM  
**To:** Doane, Margaret; LIA02 Hoc; LIA03 Hoc  
**Subject:** Fw: Dan Dorman's arrival time (4:35 pm Sun Mar 20)

Is it possible to get these people business class seats. They will be put to work right away and will be working 12 to 18 hour days.

Sent from an NRC Blackberry.  
Brooke G. Smith

(b)(6)

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**From:** LIA03 Hoc  
**To:** Liaison Japan  
**Cc:** Dorman, Dan  
**Sent:** Fri Mar 18 19:21:45 2011  
**Subject:** Dan Dorman's arrival time (4:35 pm Sun Mar 20)

All,  
I understand that you will arrange transportation to get Dan from the airport to the hotel. Please let me know if this is incorrect.

Thanks!  
-Jenny

Saturday Mar 19	<b>IAD</b>	<b>NRT</b>
	WASHINGTON DULLES, DC	TOKYO NARITA, JAPAN
<b>UNITED AIRLINES</b> UA 0897	<b>Departing At</b> 01:22pm Sat, Mar 19 Terminal	<b>Arriving At</b> 04:35pm Sun, Mar 20 Terminal

BV1182

Saturday Mar 19

IAD

NRT

WASHINGTON DULLES,  
DC

TOKYO NARITA, JAPAN

Not Available

TERMINAL 1

PASSENGER NAME

Seats

DANIEL HUNTINGTON DORMAN

35H / Confirmed

Airline Reservation  
Code

V0SWKI

Duration

14hr(s) :13min(s)

Status

Confirmed

Class

Economy

Aircraft

BOEING 777 JET

Gate

Check for latest  
information

Meals

Lunch

Stop(s)

0

Smoking

No

Distance (in Miles)

6762

Please verify flight times prior to departure



**Doane, Margaret**

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**From:** Doane, Margaret  
**Sent:** Friday, March 18, 2011 11:52 PM  
**To:** LIA03 Hoc  
**Subject:** Re: Did you talk with Josh or the Chairman regarding sending status update report....

Left message.

Sent from an NRC Blackberry  
Margaret Doane

---

**From:** LIA03 Hoc  
**To:** Doane, Margaret  
**Cc:** Mamish, Nader  
**Sent:** Fri Mar 18 22:06:54 2011  
**Subject:** Did you talk with Josh or the Chairman regarding sending status update report....

....out to the federal family and the classification of that document. Could you let me know if you close the loop with him?

Thanks!  
Sorry to keep bugging you at home!  
-Jenny

**Doane, Margaret**

---

**From:** Doane, Margaret  
**Sent:** Friday, March 18, 2011 11:54 PM  
**To:** LIA02 Hoc  
**Subject:** Re: Brooke wanted me to let you know...

Excellent. Thx.

Sent from an NRC Blackberry  
Margaret Doane

---

**From:** LIA02 Hoc  
**To:** Doane, Margaret  
**Sent:** Fri Mar 18 20:26:39 2011  
**Subject:** Brooke wanted me to let you know...

Hi Margie – Brooke called this evening. She briefed us on

(b)(5)

(b)(5)

Lauren

**Doane, Margaret**

**From:** Merrifield, Jeff S [jeff.merrifield@shawgrp.com]  
**Sent:** Tuesday, March 15, 2011 4:39 PM  
**To:** Doane, Margaret  
**Subject:** FW: Jeff Merrifield on FOX America's Newsroom

FYI. As I mentioned, I will be on the Eliot Spitzer program as well.

**Jeffrey S. Merrifield**  
Senior Vice President -Shaw Power Group  
704.378.5227 direct  
(b)(6) cell

Jeff Merrifield appeared on FoxNews America's Newsroom this morning. Following is the clip, which is about 6 minutes and worth watching. The transcript does not capture the story. Jeff also is scheduled to appear on the following national programs tonight, in addition to other print and radio media interviews. We will circulate all clips in a report tomorrow morning:

Network	Program	Date	Airtime
ABC	20/20	Tuesday, March 15	9 - 10 p.m. Central



**Does America Need Nuclear Energy?**

[http://www.foxnews.com/on-air/americas-newsroom/index.html#/v/4586055/does-america-need-nuclear-energy/?playlist\\_id=86909](http://www.foxnews.com/on-air/americas-newsroom/index.html#/v/4586055/does-america-need-nuclear-energy/?playlist_id=86909)

(click on the nuclear thumbnail on the site)

this nuclear plant in japan is 40 years old. i think a lot of people are probably not aware of that and we are far more advanced than the soviets in chernobyl of 1986. and i have to think, linda, we have come a long way since three mile island, 1979. what do you think about that, jeffrey?

we actually have and i think that has to be put into perspective. there have been significant upgrades in the existing facilities of the u.s., post 9/11, for example, additional redundancies in emergency fire protection and responses to take care of large fires and explosions, these are not the same plants they were back in 1940, they -- there were significant enhancements to make sure they meet modern-day standards. bill: the reality of all of this is we need energy for our daily lives and that is the way we are built. you think about coal plant and the coal disaster. and, it is unfortunate, whers g frankly risk their lives.

no, the fundamental reason we have nuclear power is because it has proven to be safe in the u.s., over the last 30 years, and is highly reliable, and, 90% capacity factor and is a source of fuel that provides energy stability and energy security and those -- these things still remain. bill: linda, what about the point the germans are making? they have been back-tracking for 20 years and now angela -- angela merkel says, everything will be on pause until we see what happens in japan, is that an overreaction?

and, i think that is a responsible thing to do, and this close the mach-1, reactors, and, my opinion to be to shut them, and one reactor leaked repeatedly, had a fire --

where that is.

had a cooling tower collapse, in vernon, vermont, this is a plant the state of vermont voted to shut down on time in march, 2012, when the license expires, and a the nuclear regulatory commission relicensed it for another 20 years and thais bling with a lot of lives in vermont and goes against the wishes of the state itself. bill: we are making assumptions here and we are thinking about the worst-case scenario in japan, we don't have all of the information yet. i mean, we --

you make a good point on that.

picking points out the air, and trying to find out what the truth is.

you made a good point. the fact is it was a significant earthquake followed by a significant tsunami and the preliminary information about the plant is it did well with the earthquake and the allenges it has had, really with the tsunami, and wiping out, some of the electrical equipment. now, linda made a charge, shut down all of the plants in the u.s., there is obviously no tsunami that will be in vermont, nor is that an earthquake area but as it relates to vermont yankee the nuclear regulatory commission is our nation's expert on the safety of nuclear power plant and have shown time and time again they have the capability and technology to assist with these plant and made a determination that it is safe and that is a reasoned, sensible view to take. bill: jeffrey, i started with you, and linda, i'll give you the last word.

i wish that were the case but the track record of the regulatory commission is to basically accede to the significant wishes of the industry, related to profit margin rather than safety margins. unfortunately, the nrc looked away and relicensed yankee and, another one for 20 years, was relicensed a the owner of the reactor decided to go for another ten and that tellsou something. bill: i appreciate you coming in and i understand the passion on both sides and i get it, and let the debate continue, linda, jeffrey, thank you. 20 minutes before the hour.

**Gentry Brann**

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## Doane, Margaret

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**From:** Schmidt, Katherine  
**Sent:** Monday, March 14, 2011 9:32 AM  
**To:** Doane, Margaret; Ramsey, Jack; Tracy, Glenn; Shay, Jason; Thomas, Loretta  
**Attachments:** japanese.xls

Per your request, attached is a list of employees who have self-certified in SWP with limited or above proficiency in Japanese language skill. Here is the key to Proficiency Level Definitions.

Proficiency Level	Definition
5	<b>Native.</b> I am able to read or write or speak at a proficiency level equivalent to that of a well-educated native speaker.
4	<b>Professional.</b> I am able to read or write or speak fluently and accurately in all styles and forms of the language pertinent to professional needs.
3	<b>Social.</b> I am able to read or write or speak with sufficient structural accuracy and vocabulary to participate effectively in most formal and informal conversations on practical and social topics.
2	<b>Limited.</b> I am able to read or write or speak with the basic vocabulary needed to meet most survival needs and limited social demands.
1	<b>Elementary.</b> I am able to read or write or speak using simple or memorized expressions.
0	<b>None.</b> I have no proficiency reading or writing or speaking this language.

Kathy

## LANGUAGE PROFICIENCY REPORT

Organization: ADM / DAS / PEGB			
Language: Japanese		Minimum Proficiency Required: Limited	
Employee Name	Skill and Proficiency Rating		
	Reading	Writing	Speaking
Hsu, Caroline S.	Social	Limited	Social

Organization: PSME / DMSSA / LISD / LB			
Language: Japanese		Minimum Proficiency Required: Limited	
Employee Name	Skill and Proficiency Rating		
	Reading	Writing	Speaking
Xu, Shirley S.	Limited	None	None

Organization: IP / ECIQB			
Language: Japanese		Minimum Proficiency Required: Limited	
Employee Name	Skill and Proficiency Rating		
	Reading	Writing	Speaking
Owens, Janice E	Limited	Elementary	Social

Organization: NMSS / DHLWRS / TRD / EB			
Language: Japanese		Minimum Proficiency Required: Limited	
Employee Name	Skill and Proficiency Rating		
	Reading	Writing	Speaking
Ahn, Tae M	Limited	Limited	None

Organization: NMSS / DHLWRS / TRD / PAB			
Language: Japanese		Minimum Proficiency Required: Limited	
Employee Name	Skill and Proficiency Rating		
	Reading	Writing	Speaking
Gwo, Jin-ping	Limited	Limited	Elementary

Organization: NMSS / DSFST / TRD / CSDAB			
Language: Japanese		Minimum Proficiency Required: Limited	
Employee Name	Skill and Proficiency Rating		
	Reading	Writing	Speaking
Call, Michel A	Limited	Limited	Social

Organization: NRO / ARP / ARB2 //			
Language: Japanese		Minimum Proficiency Required: Limited	
Employee Name	Skill and Proficiency Rating		
	Reading	Writing	Speaking
Smith, John M	Limited	Limited	Social

Organization: NRO / DE / EMB2			
Language: Japanese		Minimum Proficiency Required: Limited	
Employee Name	Skill and Proficiency Rating		
	Reading	Writing	Speaking
Chen, Pei-ying	Social	Limited	Limited

Organization: NRO / DE / SEB2			
Language: Japanese		Minimum Proficiency Required: Limited	
Employee Name	Skill and Proficiency Rating		
	Reading	Writing	Speaking
Jeng, David C	Limited	Limited	Limited

Organization: NRO / DSER / RGS2			
Language: Japanese		Minimum Proficiency Required: Limited	
Employee Name	Skill and Proficiency Rating		
	Reading	Writing	Speaking
Li, Yong	Limited	None	None

Organization: NRO / DSER / RHEB			
Language: Japanese		Minimum Proficiency Required: Limited	
Employee Name	Skill and Proficiency Rating		
	Reading	Writing	Speaking
Ahn, Hosung	Limited	Elementary	None

Organization: NRR / DCI / CVIB / /			
Language: Japanese		Minimum Proficiency Required: Limited	
Employee Name	Skill and Proficiency Rating		
	Reading	Writing	Speaking
Sheng, Chia-fu	Social	Social	Social

Organization: NSIR / DSP / DDRS / RSRLB			
Language: Japanese		Minimum Proficiency Required: Limited	
Employee Name	Skill and Proficiency Rating		
	Reading	Writing	Speaking
Ralph, Melissa Lauren Cook	Elementary	Elementary	Limited

Organization: R-I / DRP / TSAB			
Language: Japanese		Minimum Proficiency Required: Limited	
Employee Name	Skill and Proficiency Rating		
	Reading	Writing	Speaking
Ziev, Tracey L	Limited	Limited	Limited

Organization: R-II / DCI / CIB1			
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Language: Japanese		Minimum Proficiency Required: Limited		
Employee Name	Skill and Proficiency Rating			
	Reading	Writing	Speaking	
Kent, Jonathan R	Elementary	Elementary	Limited	

Organization: R-II / DRP / RPB2 / VRO				
Language: Japanese		Minimum Proficiency Required: Limited		
Employee Name	Skill and Proficiency Rating			
	Reading	Writing	Speaking	
Cain, Loyd M.	Social	Social	Social	

Organization: R-II / DRMA				
Language: Japanese		Minimum Proficiency Required: Limited		
Employee Name	Skill and Proficiency Rating			
	Reading	Writing	Speaking	
Bucholz, Margaret	Limited	Limited	Social	

Organization: R-III / DRS / OB				
Language: Japanese		Minimum Proficiency Required: Limited		
Employee Name	Skill and Proficiency Rating			
	Reading	Writing	Speaking	
Peterson, Hironori	Limited	Limited	Native	

Organization: R-IV / DRS / EB2				
Language: Japanese		Minimum Proficiency Required: Limited		
Employee Name	Skill and Proficiency Rating			
	Reading	Writing	Speaking	
Graves, Samuel T	None	Elementary	Limited	

Organization: R-IV / DRS / PSB1				
Language: Japanese		Minimum Proficiency Required: Limited		
Employee Name	Skill and Proficiency Rating			
	Reading	Writing	Speaking	
Larsen, James R	Limited	Elementary	Limited	
Larsen, James R	Limited	Elementary	Limited	

Organization: RES / DRA / HFRB				
Language: Japanese		Minimum Proficiency Required: Limited		
Employee Name	Skill and Proficiency Rating			
	Reading	Writing	Speaking	
Peters, Sean E	Limited	Limited	Limited	

Organization: RES / DSA / FSTB				
Language: Japanese		Minimum Proficiency Required: Limited		



Employee Name	Skill and Proficiency Rating		
	Reading	Writing	Speaking
Raynaud, Patrick A c	Limited	Limited	Limited

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Return

**Doane, Margaret**

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**From:** Fragoyannis, Nancy  
**Sent:** Friday, March 18, 2011 3:49 PM  
**To:** Mamish, Nader; Doane, Margaret; Schwartzman, Jennifer  
**Subject:** Cables

Quick look by NSIR shows a couple cables out there. Only one with NRC that says pass to Foggie. I will look at them on Sun. I will ask NSIR for help on Mon having someone do searches over next week.

Nancy

Nancy Fragoyannis  
Sent from NRC Blackberry

(b)(6)

BV/187