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UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

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JAPAN'S FUKUSHIMA DAIICHI ET AUDIO FILE

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FRIDAY

MARCH 11, 2011

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1 (CONFERENCE CALL INITIATED)

2 9:01 a.m./03:58 a.m.

3 MS. HOWELL: This is going to be a
4 briefing on the earthquake that occurred earlier
5 today, for some of us late last evening, in Japan, and
6 what we thought we would do is run through the
7 background information that we currently have reported
8 for the domestic perspective, and then at the
9 conclusion of that we are going to have Nader Mamish
10 and Jack Ramsey provide a summary of some
11 international information and some impacts in the
12 energy sector over in Japan that might be of interest
13 to people.

14 I think most people have already seen on
15 the news this morning at 2:46 p.m. at the epicenter on
16 march 11th there was an earthquake off the coast of
17 Honshu, Japan, 8.9 magnitude, and since that time
18 there have been a number of aftershocks in the range
19 of 5.5 to 5.9.

20 NRC staff between the headquarters
21 operations center and Region IV made early contact on
22 this, which was expanded at about 03:23 this morning
23 when Diablo Canyon made a declaration of a notice of
24 unusual event, and that was due to the issuance of a
25 tsunami warning for coastal areas of California near

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1 Diablo Canyon.

2 MALE PARTICIPANT: Linda.

3 MS. HOWELL: Excuse me?

4 MALE PARTICIPANT: Linda, this is
5 (inaudible) sorry to interrupt you but your time, you
6 are going to be giving in central, is that correct?

7 MS. HOWELL: Yes, unless otherwise
8 stated.

9 MALE PARTICIPANT: Thank you.

10 MS. HOWELL: Okay. Diablo entered their
11 tsunami procedures which included actions such as
12 evacuating intake structures area down to 85C
13 (phonetic). Our resident inspector prepped and has
14 reported on site and if anybody has any specific
15 questions at the conclusion of the brief then he'll be
16 prepared to address those.

17 In terms of actual tsunami impact, near
18 the epicenter of the earthquake, there is a tsunami in
19 Japan, was (inaudible, possibly "right where it
20 started") about 9.2 feet near Hanasaki and about 4.6
21 feet near Honshu.

22 As far as west coast warnings and
23 advisories, the tsunami warning actually extends from
24 the Oregon, Washington border down to Point
25 Conception, California, and for reference that is

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1 between Santa Barbara and Santa Maria, California.

2 South of that there is a tsunami advisory
3 that remains in effect so in terms of the plants,
4 Diablo Canyon would sit in the tsunami warning area
5 and San Onofre would sit in the tsunami advisory area.

6 Reporting for locations that have already
7 been struck by the tsunami, Midway had a 5.1 foot
8 wave. Guam and the Marianas were reporting a two-foot
9 rise in sea level. Both of those occurred earlier this
10 morning around 4:28 a.m. central time.

11 As far as Hawaii goes in terms of
12 reporting, the estimated arrival time for Hawaii
13 should be right about now, and in terms of reporting
14 that we were able to locate this morning, estimates
15 were possibly up to a two-meter wave there.

16 In Hawaii, they have already evacuated the
17 inundation zone and restricted beach roadways. As far
18 as facilities of NRC interest there are several
19 medical facilities that sit just off-of the Waikiki
20 Beach area but they are at higher elevations.

21 They do possess Category 1 and 2 sources
22 so are DNMS folks will be following up with them later
23 this morning and we can report out via email or
24 through another briefing if needed in terms of any
25 impact there.

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1 In terms of projected arrival time and
2 amplitudes on the western coast, we are looking at
3 three areas of interest. The first would be Humboldt
4 Bay, and that's estimated arrival time at 7:22 Pacific
5 time, estimated wave of 1.13 meters.

6 Port San Luis is the next point of
7 interest for us and that would be closer to Diablo
8 Canyon. The estimated arrival time around 8 a.m.
9 Pacific time and wave amplitude is estimated at 2.14
10 meters.

11 And then the third point of interest is La
12 Jolla, California, with estimated arrival time of
13 around 8:40 a.m. Pacific time and an estimated 0.72
14 meter wave and that would be closer to San Onofre.

15 We have not heard of any -- having gone
16 back and reviewed procedures and actions for
17 (inaudible), they are not in a position right now
18 where they have activated or entered any abnormal
19 procedures. That might change if the warning is
20 extended further southwards.

21 In terms of federal reporting, DHS is
22 sending out awareness reports and (inaudible) have
23 been sharing notes (phonetic) with appropriate staff.
24 We can talk probably at the end of the briefing if
25 others have not gotten those reports and would like to

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1 be included in that group.

2 But FEMA's Regions IX and X are currently
3 at level one and under full activation. Fema Region IX
4 has been in contact with U.S. territories as well as
5 Hawaii and their respective emergency operations
6 centers have all been activated.

7 So that would include Guam and Hawaii have
8 activated their emergency operations centers. The
9 National Response Coordination Center is also
10 activated at level one, which is full activation, and
11 all emergency support functions are currently
12 activated.

13 FEMA does have incident management
14 assistance teams on alert and the Washington State
15 emergency operations center is expected to open and
16 assign additional personnel in response to the tsunami
17 warning. DHS at the national operations center of
18 course is going to continue to monitor.

19 And that is really all that we have for us
20 here right now. I'd ask if anybody has specific
21 questions about Diablo Canyon, perhaps if Chris or
22 Michael Peck our senior resident inspector, who are
23 both online could respond to those?

24 MR. COLLINS: Hey Linda, this is Elmo. I
25 would suggest that Michael Peck, if he would, or

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1 Chris, give just a quick summary of the Diablo design
2 and with respect to tsunami. Yes Michael, go ahead.

3 MR. PECK: Okay. They basically -- there's
4 a design basis tsunami which is generated, created
5 based on the topography of the shore outside of the
6 plant. They look at both distant and near produced
7 tsunamis.

8 They limit that the largest credible
9 tsunami is about 35 feet. The inlet structure itself
10 is built with historical devices up on top so that air
11 can still circulate through the ultimate heat sink
12 pumps given that worst case tsunami.

13 The plant itself sits about 85 feet above
14 mean sea level, so it is not expected to be affected
15 by the effects of a tsunami. Now, what we would see is
16 prior to the wave coming in, the water would come
17 rushing out and of course the circulating water pumps
18 and the ultimate heat sink pumps are likely to lose
19 net positive suction head.

20 MS. HOWELL: Thanks Michael. Does anybody
21 have any specific questions relating to Diablo Canyon?

22 MARTY: Linda, this is Marty. Good
23 morning.

24 MS. HOWELL: Good morning.

25 MARTY: The state of California, what

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1 interactions have we had with the state?

2 MS. HOWELL: None yet, Marty, but we will
3 be reaching out to California soon.

4 MARTY: Okay it would be probably good to
5 make sure they are on the same page as us with regard
6 to --

7 MS. HOWELL: Right, and we have got our
8 state liaison officer on board to do that. They have
9 not activated their emergency operations center so we
10 are going to wait until closer to their normal
11 business hours.

12 MALE PARTICIPANT: Can we say anything
13 about local beach closings in the areas that might be
14 affected?

15 MS. HOWELL: Yes. The question was
16 whether there were any beach closing that might be
17 impacted. Right now, the only thing that we have seen
18 so far is that Orange County plans to close down beach
19 access at 8 a.m. Orange County would be closer to San
20 Onofre.

21 And further south there was reporting that
22 Los Angeles County does not expect or has not
23 announced any anticipated closings. We have not seen
24 any reporting on San Luis, Obispo County yet.

25 MR. PECK: This is Peck from Diablo

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1 Canyon. The highway patrol here is in the process now
2 of closing the Diablo access road, and so the station
3 has just basically dismissed all non-essential
4 personnel to leave, and then we expect the highway
5 patrol to prevent both incoming and outgoing traffic
6 until after the tsunami warning is rescinded.

7 MS. HOWELL: Michael, maybe you could
8 also expand that to reflect on how that might impact
9 any egress within the EP emergency planning zone.

10 MR. PECK: Well, other than affecting
11 Avila Beach directly, I don't believe there
12 necessarily would be a direct effect, because the
13 plant still has an unused access from the north. So I
14 don't believe there's a direct impact on emergency
15 planning.

16 MS. HOWELL: Okay, great. Thank you Mike.

17 FEMALE PARTICIPANT: The other question
18 that has been --

19 MR. BORCHARDT: Good morning, this is Bill
20 Borchardt, I am on the road right now, but what's the
21 operating status of Diablo?

22 MR. PECK: Both units are operating at
23 full power. The licensee is in the process of
24 evaluating the tsunami information as it passes Hawaii
25 and from that they will make a decision on whether to

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1 initiate a rapid shutdown.

2 MR. BORCHARDT: And that would be because
3 of the anticipated loss of net positive suction head
4 on the third (phonetic) pump?

5 MR. PECK: That is correct.

6 MR. BORCHARDT: Yes, okay. And do you have
7 any idea when they will make that decision?

8 MR. PECK: I believe they are having an
9 internal conference call right now to formulate that
10 decision.

11 MR. BORCHARDT: Okay. Well, if I could
12 just ask you to send out an email when you have the
13 results of that decision.

14 MR. PECK: Yes so I have the action, do we
15 follow up with an email following the decision on
16 whether or not to shut down Diablo or to allow it to
17 remain operating.

18 MR. BORCHARDT: Yes, thank you very much.

19 MR. WEBER: This is Mike Weber. Linda, you
20 talked about sources in Hawaii, any concerns about
21 Guam or Alaska?

22 MS. HOWELL: Thanks Mike. In Guam we only
23 have a couple of portable gauge users so risk there is
24 minimal. Alaska, we don't have any large facilities
25 along the areas where the tsunami is projected. We do

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1 have, of course, sources that are sizeable but they
2 are further inland right now, so we are not aware of
3 any risk at this point in time.

4 But my colleague from DNMS sitting across
5 the table will be looking into that shortly and we
6 would update that as necessary.

7 MR. BORCHARDT: Sounds good. Thanks. Elmo,
8 are you comfortable with where we are as an agency?

9 MR. COLLINS: Yes I am Mike. I think we
10 will see -- we still have some time and I would
11 suggest we watch it unfold. If we need to, we can
12 increase our response mode but with Michael Peck on
13 site we have a good response right now.

14 MR. BORCHARDT: Okay.

15 MR. COLLINS: Any other questions for
16 Region IV?

17 MR. FARNHOLTZ: Tom Farnholtz from the --
18 regional duty officer, Region IV. I do have one
19 logbook entry that I was emailed this morning I think
20 that I should put out, and that's concerning Humboldt
21 Bay and their (inaudible, sounds like "if-sti-sea").

22 They called this morning the HOO
23 (phonetic) to say that they were in their procedures
24 for a tsunami warning on site but expected to take no
25 action. Evacuations are being conducted in the area

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1 but they will stay on site at Humboldt Bay.

2 MS. HOWELL: Thank you Tom. Elmo, did you
3 have a question?

4 MR. BORCHARDT: This is Bill again. I just
5 wanted to raise the topic of press releases, if we had
6 anything under way, and I wanted to raise one
7 sensitivity regarding interaction or anything that we
8 say to the public affairs or anything else about
9 Japan.

10 MR. BURNELL: Bill, this is Scott Burnell.
11 We have only had one call so far from Reuters and that
12 was focused more on U.S. requirements for U.S. plants.
13 We had word that Diablo had declared the UE so I
14 shared that with Reuters and explained to them it was
15 more an expected effect on the non-nuclear side of the
16 plant.

17 We don't have any press releases currently
18 working. I wouldn't expect we would do anything unless
19 Diablo upped its response level or if we decided to do
20 anything resembling activation here at headquarters.

21 MR. BORCHARDT: 
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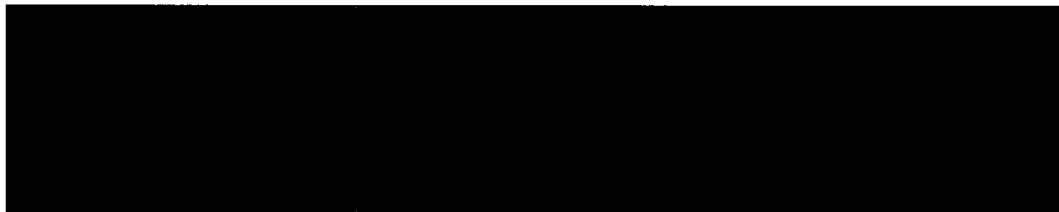
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4 MR. BURNELL: I am certainly aware of that
5 Bill. I was actually the source of that
6 misunderstanding, even though I was clear, the
7 reporter's interpretation was not, so I am perfectly
8 aware of the need to be very clear of what we are and
9 are not doing.

10 MALE PARTICIPANT: Bill, I think we have
11 Nader on the phone.

12 MS. HOWELL: Before we put Nader on, I
13 was going to make one suggestion. We will have Michael
14 follow up on the proposed decision-making for Diablo
15 Canyon, and we will collect that update and forward it
16 on to the HOO so that they can distribute it, perhaps
17 via HOO highlight later this morning.

18 Let me go ahead and turn it over to you
19 for the international perspective.

20 MR. MAMISH: Thank you Linda I will just
21 say a few words and then turn it over to Jack for some
22 details. We have taken a number of actions. We have
23 got a couple of people, Kirk and Jack who have been
24 busy this morning following up on a number of issues.

25 The first thing that we have looked into

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1 is whether or not we have any one -- any of our staff
2 out on some international trip in Japan and at this
3 point we are not aware of anyone who is actually out
4 on travel.

5 We were going to have a handful of people
6 that were going to go out and because of the CR, the
7 staff pulled the plug on the trip, so we are not aware
8 of anyone who is out in Japan on some trip at this
9 point.

10 We have offered to the Japanese, we have
11 enough of the NISA staff here attending the RIC and we
12 have offered for them to come to the ops center and
13 you know, monitor the -- you know, have dialogue with
14 their staff and others in Japan, and I have just been
15 told that they are going to take us up on that offer.

16 So we expect them to come to the ops
17 center any time. And with that, the only other point I
18 wanted to make before I turn it over to Jack is that
19 NISA, the Japanese regulator, has stood up their
20 emergency preparedness emergency response facility in
21 Tokyo to monitor all the issues. Jack?

22 MR. RAMSEY: Thanks Nader. Let me just
23 catch everybody up real quickly on a couple of
24 additional things that are going on. The first thing
25 that I would mention is please remember in doing this,

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1 please look at and understand the significance of this
2 event.

3 Not just from a nuclear perspective, but
4 from a non-nuclear perspective this is a horrifically
5 bad tragedy that has struck Japan.

6 In the general area, in the immediate area
7 of where this quake has hit, there are roughly 14
8 operating BWRs in the immediate area and please
9 remember we are also looking at both the earthquake-
10 related aspects of it and the tsunami-related aspects
11 of it.

12 All of the plants in Japan are located
13 very close to the coast. If you search any of the news
14 channels right now they are actually showing pictures
15 of them.

16 What we have heard so far is that most of
17 them, most of the reactors that were actually
18 operating when the quake hit, have been shut down.
19 Pretty much all of the plants in Japan have a seismic
20 SCRAN capability and it activated.

21 What isn't clear, and what we are trying
22 to get clarification on, is what kind of damage has
23 been seen at the plant and are the plants in safe
24 shutdown conditions, again both from the earthquake
25 standpoing and from the tsunami standpoint.

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1 It's not particularly a good situation for
2 our Japanese counterparts. As Nader mentioned, quite a
3 few of their senior people as well as a number of
4 their seismic specialists were in town this week for
5 the RIC.

6 We have been working with NISA, with the
7 Japanese regulatory authority and their technical
8 support organization, JNAT (phonetic) to try to
9 understand and get some additional information on what
10 is going on with the various facilities that have been
11 affected.

12 As you can imagine, it's a very difficult
13 situation for them, but we are trying to see what we
14 can -- what kind clarification we can obtain.

15 We actually have touched base as well with
16 the emergency operations center and other people at
17 IAEA. They are in the same situation we are. They are
18 trying to get some additional information and we have
19 all extended offers to them to do what we can to help
20 them with their incident response capabilities.

21 MALE PARTICIPANT: Jack, just very
22 briefly, have we received any confirmation on whether
23 or not one of the nuclear power plants, whether it has
24 power, whether it has fire in the turbine building?

25 MR. RAMSEY: No, there have been press

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1 reports that indicate fire in the turbine building. It
2 would be a BWR. We have seen a conflicting report as
3 to whether it's a fire associated with the natural gas
4 facility that is located close to the reactor, or
5 whether it's the turbine generator of the reactor
6 itself.

7 You can imagine, they have all lost off-
8 site power, they are all running on emergency AC and
9 DC power at this point in time and there just isn't
10 any additional clarification that is available right
11 now.

12 MR. MARKLEY: This is Mike Markley. I just
13 note that the seismic expert we had speaking at the
14 RIC left yesterday -- actually he left Wednesday to go
15 back home.

16 MR. RAMSEY: Okay. The only other thing
17 that I would mention, which is a secondary issue,
18 since Bill I heard you were on the phone, I knew you
19 and Marjie are heading up into Region II with our
20 Russian colleagues, the civilian facilities in Japan
21 are what is impacted by this and what's on the news.

22 [REDACTED]
23 [REDACTED]

24 [REDACTED] We have not heard
25 anything related to [REDACTED] but for Bill and

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1 Marjie, there may be some interest in our Russian
2 counterparts in trying to touch base with their
3 colleagues back in Moscow.

4 MR. MAMISH: Any questions? This, you
5 know, from an international perspective, we could get
6 a number of press inquiries so we will be working with
7 OPA throughout the day to give them the latest and
8 greatest that we have heard, and I appreciate Bill's
9 caution.

10 So we will be working with them closely.

11 MICHAEL: Nader, given the misleading
12 press reporting, or the confused press reporting about
13 nuclear power plants, are we reaching back through the
14 interagency, through the federal coordination center
15 to make certain that the U.S. government is sharing
16 what we know and speaking with one voice?

17 MR. MAMISH: We will do that. We haven't
18 done that yet Michael, but we will do that. Thank you.

19 MICHAEL: Thank you. Bill are you still
20 on?

21 MALE PARTICIPANT: We may have lost him.
22 Any other questions from back here?

23 (No response)

24 Any other topics that we need to cover?

25 (No response)

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1 MR. COLLINS: Okay Mike, I am not hearing
2 any. I think we will close out the brief. I just note
3 a couple of actions from Region IV, to reach out to
4 the state of California with what they are doing and
5 with respect to their EOC, and we will promulgate the
6 licensee's decision with respect to the operating
7 status of Diablo Canyon units.

8 I would offer that if they begin a
9 shutdown I will reconvene a decision-making phone call
10 to reconsider whether or not we need to introduce a
11 (inaudible).

12 MICHAEL: Sounds good Elmo.

13 MS. MCINTOSH: This is Angela McIntosh,
14 FSME. Can I please speak with the Region IV duty
15 officer before you get off the line please?

16 MR. MAMISH: Okay, Mike, can we have two
17 actions, very briefly, we will reach out to our
18 federal partners to make sure we speak in one voice
19 and we will stay in contact with OPA on the latest
20 information that we hear from our international
21 counterparts.

22 MICHAEL: Sounds good.

23 MR. MCDERMOTT: This is Brian McDermott. I
24 have two things, one Nader had asked that if you guys
25 are just making sure that communication channels with

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1 State Department are open. As I understand, that is
2 how we would get a formal request for any assistance.

3 The other thing is this. We will be -- set
4 up some people in the ops center to help the Japanese
5 visitors and provide what information we can.

6 MR. COLLINS: Thanks Mike. Thanks for all
7 the help.

8 MS. HOWELL: Elmo, do you see any need
9 for any further briefing, or would we like to just put
10 together a summary and this could even be following
11 projected impact times for the western coast and just
12 pull together the picture of what the impacts were?

13 MR. COLLINS: I'm not sure that I fully
14 understood your question Linda. I think it would --

15 MS. HOWELL: One, I guess do we see the
16 need for any further briefing or in lieu of that,
17 would we like to instead put together a summary on
18 impacts and status, possibly following the projected
19 impact time on the west coast?

20 MR. COLLINS: I think for the immediate,
21 let's prepare a briefing we can distribute via email
22 from what we know and from this call. If Diablo Canyon
23 begins a shutdown, let's reconvene a decision-making
24 phone call.

25 Does that make sense Linda?

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1 MS. HOWELL: Yes it does.

2 MR. COLLINS: And then --

3 MR. LEEDS: Elmo this is Eric. A thought
4 that we have here is we have an approximate time that
5 we understand the tsunami is supposed to hit Humboldt
6 Bay and Diablo, and one of the thoughts that we had
7 around the table here is that maybe we should convene
8 shortly before the tsunami hits, such that we are
9 online during that time period, you know, for 15, 20
10 minutes before and then after. Just a thought.

11 MR. COLLINS: We could certainly do that.
12 I don't know that I would -- I'm that comfortable --
13 if Diablo does not begin a shutdown, then we can do
14 that and get an update phone call.

15 What time would that be Linda, to schedule
16 that call?

17 MS. HOWELL: Somewhere shortly before 19
18 a.m. central.

19 MR. COLLINS: So Eric, why don't we just
20 proffer a 10 a.m. central call at any rate.

21 MR. LEEDS: Good, good. Yes, I'd
22 appreciate that. You know we are just going to get on
23 -- we will call into the ops center. 10 central is 11
24 here, right, 11 o'clock. We will just get online.

25 MR. COLLINS: That way we can share

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1 whatever information we have. If the licensee begins a
2 plant shutdown I will reconvene a decision-making
3 phone call in advance of that.

4 MR. LEEDS: Makes sense to me, Elmo.

5 MR. COLLINS: Linda, any other questions?

6 MS. HOWELL: None from here.

7 MR. COLLINS: I appreciate that everyone
8 is at work to pull this together Linda. Region IV
9 staff, OIP, INTER (phonetic), NRR and all those who
10 have contributed, so thank you very much.

11 MALE PARTICIPANT: Thank you Elmo.

12 MALE PARTICIPANT: PDO's office is signing
13 out.

14 MS. MCINTOSH: Waiting for a duty officer.

15 MR. COLLINS: I'm here.

16 MS. MCINTOSH: Hi, yes, thank you (phone
17 interference) on the line before signing off. I just
18 wanted to make sure I understood the outreach you are
19 going to do as a result. Are you going to reach out to
20 the state of California, just with to just see where
21 they are at or --

22 MR. FARNHOLTZ: What we normally did, Bill
23 Maier is the state liaison officer here in Region IV.
24 He has notified this, he has been working the phones
25 to -- he's got a list of contacts, folks that he deals

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1 with. So whatever we can do to work with the state
2 folks to do that. I don't know any particular thing.

3 MS. MCINTOSH: Oh, okay. Okay. I just
4 wanted to make sure I understood the nature of that
5 outreach. Is he just -- I won't bother him, he's
6 probably busy, but I just wanted to kind of understand
7 the nature of that outreach.

8 MR. FARNHOLTZ: It's fairly informal. It's
9 nothing -- he knows these people personally and so he
10 gets on the phone and talks to them about what the
11 conditions are, what we can expect, what we are doing,
12 what they might be doing, how we can support them,
13 that sort of thing.

14 MS. MCINTOSH: Okay.

15 MR. MCDERMOTT: This is Brian McDermott.
16 On that outreach, just -- the sensitivity there and
17 I'm sure Bill has it, is to make sure that we are not,
18 you know, hitting the states and locals multiple times
19 with the same -- you know, asking for information that
20 we should be getting from the FEMA regional response
21 coordinating center contacts.

22 MR. FARNHOLTZ: Right. That's a good point
23 and Bill is sensitive to that, and in fact we leave
24 all state contacts left with Bill so we don't have
25 multiple folks here at Region IV contacting state

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1 people. Bill does that all for us, so --

2 MR. MCDERMOTT: Sounds good.

3 MS. MCINTOSH: Okay, and there was one
4 other action item Region IV was going to do, maybe it
5 was related to reactors though?

6 MR. FARNHOLTZ: I didn't catch that one so
7 I am afraid I don't have any answers for you there.

8 MS. MCINTOSH: Oh, okay. I just thought I
9 heard it. Maybe I didn't. Okay. All right. And that --
10 so they are not going to distribute sort of a summary
11 of this telecon. They are just going to convene
12 shortly before, or around 10 a.m. central time, which
13 is shortly before the tsunami is due to hit Diablo
14 Canyon. I thought that's what I heard.

15 MR. FARNHOLTZ: That's what I heard as
16 well and I believe that -- unless it changes, you
17 know, if they make a decision to shut the plant down I
18 believe Elmo said he would convene earlier than that.
19 But --

20 MS. MCINTOSH: Okay, well I will be
21 calling Region IV in a half hour anyway for my normal
22 contact, you know, daily contact with them, and I
23 don't know if you would want to be part of that at
24 all, but I guess that's Region IV's decision, but
25 maybe there will be an update by then.

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1 MR. FARNHOLTZ: Yes, I am sure there will
2 be. The information is changing even as we speak so --

3 MS. MCINTOSH: Okay.

4 MR. FARNHOLTZ: Linda Howell is actually
5 kind of running the show up in the incident response
6 center for Region IV, keeping a close eye on
7 everything.

8 MS. MCINTOSH: Okay.

9 MR. FARNHOLTZ: All right?

10 MS. MCINTOSH; All righty. Okay thanks a
11 lot, I'll go and make sure Charlie and Scott know what
12 I know at the moment.

13 MR. FARNHOLTZ: Right, sounds good.

14 MS. MCINTOSH: All right, thanks a lot,
15 I'll talk to you later.

16 MR. FARNHOLTZ: You bet. Bye-bye.

17 MS. MCINTOSH: Bye-bye.

18 (Conference call concludes at 9:33
19 a.m./04:30 a.m.)

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1 (CONFERENCE CALL INITIATED)

2 9:39 a.m./04:36 a.m.

3 MALE PARTICIPANT: Hey good morning Mr.
4 Collins, how are you doing sir?

5 MR. COLLINS: Very good this is Elmo.

6 MR. MCDERMOTT: Elmo, it's Brian
7 McDermott, we have got Mike Weber here in the ops
8 center along with Pat Hieland (phonetic) and others.
9 There seems to be a lot of activity across the agency
10 right now, Elmo, in terms of people seeking
11 information and the Chairman has put out a request for
12 talking points as well as a status report on all U.S.
13 facilities that potentially could be adversely
14 affected by the tsunami and he wants it by 10.

15 MR. COLLINS: Okay.

16 MR. WEBER: (This must be Mr. Weber since
17 Mr. Collins addresses speaker as "Mike" but unclear
18 when changeover between interlocutors occurs. I have
19 continued on assumption that this speaker is Weber
20 below.) So here is my strategy. I think in order to
21 coordinate communications on our agency response, I
22 thought we ought to go into a monitoring mode and
23 coordinate those communications through the ops
24 center, through Region IV.

25 MR. COLLINS: I'm thinking the same thing

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1 Mike. We were on the verge of -- you know we have been
2 waiting for the last 30 to 45 minutes for a licensee
3 decision, and we are -- of course as you know we were
4 planning the playoff of that with respect to the
5 agency mode.

6 But because of the level of interest, I
7 think I agree with you, I am there ready to make a
8 decision to go to monitor -- we are already there. The
9 people, the resources are deployed, the people are in
10 place, at least in Region IV status. So --

11 MR. WEBER: What would make sense to me
12 and I'll juts propose this, that you have the lead for
13 monitoring the U.S. plans and sources and that we will
14 take the lead back here on interagency coordination
15 and international aspects.

16 MR. COLLINS: Yes.

17 MR. WEBER: Does that make sense?

18 MR. COLLINS: Yes. No, that's excellent.
19 I'm just trying to decide how we actually make this
20 decision official.

21 MR. LEEDS: I think that the -- Elmo, this
22 is Eric. I think the regional administrator suggests
23 it to Kevin or concurs on it and then the agencies do
24 monitoring.

25 MALE PARTICIPANT: Yes, I understand. I

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1 didn't know you were on the phone Eric. Good.

2 MR. COLLINS: I decide to put the agency
3 in monitoring mode with your concurrence, Eric?

4 MR. LEEDS: I concur.

5 MR. COLLINS: And ops officer, would you
6 note the time?

7 MALE PARTICIPANT: Yes sir, I'll note the
8 time as 09:46 and the agency is in monitoring.

9 MS. HOWELL: Elmo, Art and I just joined.

10 MR. WEBER: You should also be aware of a
11 couple of other things. I'm told by Eliot Brenner that
12 he is about to go on a government-wide communicators'
13 conference call that OPA is going to be monitoring.

14 The Chairman has asked us to prepare some
15 talking points that he could share with the public, as
16 well as that we can share with the other federal
17 agencies.

18 And we have received a draft of those
19 talking points from Scott Burnell so we are looking at
20 them here and one other thing. We have a press release
21 from TEPCO that says that they have commenced an
22 evacuation in the vicinity of Fukushima Daiichi, and
23 it's out three kilometers in the vicinity of the
24 nuclear power station.

25 We are still unclear on the condition of

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1 that plant but the press reporting indicates that they
2 are having difficulties in terms of maintaining
3 cooling at least at one of those units.

4 MR. COLLINS: Okay thank you Mike. Yes, it

5 --

6 MS. HOWELL: Elmo, there is also another
7 update that we just pulled in San Luis, Obispo County
8 and evacuations are -- immediate evacuations are being
9 recommended to several areas around Diablo Canyon, to
10 include Port San Luis, Avila Beach, Pismo Beach,
11 Oceano and Cayucos.

12 MR. COLLINS: Okay. All right Linda. Let's
13 get the incident response center activated with, I
14 believe we already discussed the staffing we would
15 have in place.

16 MR. HOWELL: Yes, Elmo, this is Art and
17 I'll call Jim Becker and let him know we are
18 monitoring. We are expecting a decision from them
19 within minutes on what they -- (inaudible)

20 MS. HOWELL: Elmo let me -- go ahead.

21 MR. COLLINS: Well I was just going to ask
22 you at the right time, Linda, if you would for the
23 benefit of all of us, summarize what actions we have
24 outstanding and what we need to accomplish in terms of
25 communication in summary.

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1 MS. HOWELL: Certainly, and maybe Mike
2 Weber can update this if we don't have the latest.
3 One, we anticipate a decision-maker call if Diablo
4 does make a decision to shut down the plant.

5 Once that decision is made, we owe a
6 summary out to, probably going to the HOO to the
7 appropriate members of the senior management team.

8 We are still reaching out to the state of
9 California and have attempted to reach out to the
10 state of Hawaii. There are some furlough issues with
11 both of those states so we are still working that
12 issue.

13 MR. COLLINS: And I understand we have a
14 briefing of the Chairman and/or --

15 MS. HOWELL: Correct, we have an open
16 line brief scheduled for 10 a.m. with all parties who
17 had joined us earlier this morning. Jim Trapp of the
18 Chairman's office has been notified that that will
19 occur and I understand that he may join us during that
20 10 o'clock central, 11 o'clock eastern call.

21 MR. WEBER: Jim from the EDO's (phonetic)
22 office --

23 MS. HOWELL: I'm sorry, sorry Mike. And I
24 also understand that through Jim, a briefing of the
25 Chairman was scheduled for 11:45 eastern. I would

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1 expect that if the Chairman joins us at 10 o'clock
2 that may be preempted.

3 MR. WEBER: I think the Chairman is
4 planning to participate at 11 o'clock.

5 MS. HOWELL: Okay.

6 MR. WEBER: But that could change
7 obviously, if we go into response mode at a higher
8 level for Diablo or (inaudible). Linda, I'm not sure
9 when you joined the call. At 09:46, Elmo made the
10 decision to go to monitoring in conjunction with Eric.
11 Region IV is in the lead for the U.S. sites and
12 headquarters is taking the lead for tracking of the
13 international.

14 MS. HOWELL: Understood. I have also
15 just, for everyone's knowledge, have been working with
16 Nader Mamish, and Nader is going to have his staff
17 prepped to be able to join us at the 11 o'clock
18 eastern call to talk from the international
19 perspective.

20 There's been some enhanced reporting
21 about, I think it's the Onagawa plant in Japan, which
22 was the one that lost cooling systems and some
23 possible degradation of the situation there.

24 So Nader is checking in on that and will
25 brief us with whatever he has been able to capture at

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1 11.

2 MR. WEBER: Yes, we understand that it is
3 Fukushima Daiichi.

4 MS. HOWELL: Okay.

5 MR. WEBER: And did you hear the request
6 from the Chairman, Linda, for a status report in
7 writing on the U.S. facilities?

8 MS. HOWELL: No, we had not heard about
9 that yet.

10 MR. WEBER: Yes, he was looking for that
11 around 10 o'clock, but that's in nine minutes.

12 MS. HOWELL: I think --

13 MR. WEBER: Is there any change in the
14 status?

15 MS. HOWELL: No, there's been no change
16 and I think that the status actually might get covered
17 in the talking points.

18 MR. WEBER: These are the ones from Scott
19 Burnell?

20 MS. HOWELL: Yes.

21 MR. WEBER: Okay.

22 MALE PARTICIPANT: There's been no change
23 in status so there might be a change in Diablo any
24 minute, but --

25 MS. HOWELL: So, right, at the present

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1 time Mike there's no change from those OPA talking
2 points.

3 MR. WEBER: Okay. o we can go ahead and
4 forward them up to the Chairman?

5 MS. HOWELL: Yes.

6 MALE PARTICIPANT: There's a -- I think
7 that what's missing is -- I don't know if the Chairman
8 would want to discuss or not -- but I understand at
9 Diablo Canyon they are evaluating whether to shut the
10 plant down, and I think we are monitoring that with
11 our on-site (inaudible). I didn't see that in the
12 talking points.

13 It's clear that we have our (inaudible) on
14 site but is it clear that -- it's just not clear that
15 they are considering what actions -- what steps would
16 be taken next which could include a plant shutdown.

17 Did you copy that?

18 MS. HOWELL: Yes we did. We could have --
19 we have got a public affairs officer here in our
20 center and we can have that added to the second
21 bullet, but I don't know if we would want to have the
22 Chairman broadcast that publicly when the decision
23 hasn't yet been made.

24 MR. WEBER: Yes, I don't know the exact
25 words Linda, but at least put in there something about

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1 the licensee is you know, monitoring it closely --

2 MS. HOWELL: Yes, we will craft that and
3 have that updated and sent up.

4 MALE PARTICIPANT: Yes, I think they're in
5 talking points so it's not a press release.

6 MR. WEBER: I think it's fair Linda, and
7 I'm sure the residents could validate this too, but
8 the licensees must have a preplanned action to address
9 this type of situation, and we are watching to make
10 sure that the --

11 MS. HOWELL: Correct.

12 MALE PARTICIPANT: -- implemented.

13 MS. HOWELL: Correct. We will get
14 something in there.

15 MALE PARTICIPANT: Okay.

16 MALE PARTICIPANT: And then that is true.
17 The licensee has implemented a number of actions.

18 MR. WEBER: All right so can you work on
19 those and then get those back here and also up to the
20 Chairman?

21 MS. HOWELL: Consider it done.

22 MR. WEBER: Thank you. Nader, are you on
23 the phone?

24 MR. MAMISH: Yes, sir.

25 MR. WEBER: Do we have any updated

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1 information on the status of the Japanese nuclear
2 facility?

3 MR. MAMISH: The latest that I have
4 received indicates that -- as you indicated, the
5 Fukushima Daiichi plant, it's Article 10 of the Act,
6 special measures, nuclear emergency, has heightened
7 alert conditions.

8 And then for the other plant, Onagawa, it
9 says some sort of a fire, CO2 extinguishment, started
10 at 17:15. I don't know what that means. So we are
11 checking into both of these issues and we are hopeful
12 that we can get an update asap.

13 MR. WEBER: Yes, we have seen a press
14 release that was issued by TEPCO as of 10 p.m. Japan
15 time and that is the press release that talks about
16 the evacuation out three kilometers, and it also
17 refers to the fire, but the fire was reported at
18 Fukushima Daini and it occurred in a service building,
19 but it was extinguished six hours before the press
20 release was issued.

21 MR. MAMISH: Okay. All right. So we will -
22 - I guess we are on for a bulletin in about an hour
23 and we will try to get an update.

24 MR. WEBER: Right, but the Chairman would
25 like, whatever our best accurate information is on the

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1 Japanese facility as of this time, that he can share
2 with other federal agencies --

3 MR. MAMISH: Okay, who is --

4 MR. WEBER: that don't have -- go ahead.

5 MR. MAMISH: Who is putting the
6 coordinated information together?

7 MR. WEBER: You are.

8 MR. MAMISH: Nono, I mean we will put
9 together the international stuff, but who do we feed
10 it to?

11 MR. WEBER: Feed it here to the ops
12 center.

13 MR. MAMISH: Okay.

14 MR. WEBER: And Region IV has the lead on
15 the U.S. facilities --

16 MR. MAMISH: Okay.

17 MR. WEBER: as reflected in the talking
18 points.

19 MR. LEEDS: Hey Mike, this is Eric. Can I
20 break in for second?

21 MR. WEBER: Sure.

22 MR. LEEDS: Yes, this is for Elmo and
23 Region IV. I know Pat Hieland is also on the line.
24 Elmo, let us know what kind of assistance NRR can
25 provide you guys in terms of seismic experts. I don't

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1 know if anybody has tapped research yet, but certainly
2 we could act as liaison to research and get you
3 whatever you need.

4 So just let us know how we can support
5 you.

6 MR. COLLINS: Okay, thank you very much
7 Eric. Sure will.

8 MR. WEBER: Eric, Pat Hieland and crew are
9 over here but they are advising us that there is a
10 meeting with the Japanese in 6D4 (phonetic) and it's
11 on seismic --

12 MR. MAMISH: Bilateral exchange.

13 MR. WEBER: Bilateral exchange and there's
14 10 or so representatives from our Japanese counterpart
15 agencies in that room.

16 MR. LEEDS: Outstanding Elmo, I know where
17 I can get you help.

18 MR. COLLINS: Okay. This is Elmo. I am
19 going to drop off this bridge, Linda, I guess, and
20 Region IV, I am anticipating an ET bridge will be
21 maintained between the ops center and the Region IV
22 team (phonetic) response center.

23 Can you confirm that Region IV?

24 (No response)

25 I'll have to go back and --

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1 MALE PARTICIPANT: Elmo, can you repeat
2 the question?

3 MR. COLLINS: I was just -- just looking
4 ahead to the complete activation of our ops center for
5 monitoring. I used a bad word.

6 MALE PARTICIPANT: I'll tell you, we are
7 staffed for monitoring.

8 MR. COLLINS: Well I think Region IV is
9 too and so we just need to get communication bridges.

10 MS. PRUETT: : Yes, Region IV is staffed
11 for monitoring. This is Troy. (Phonetic)

12 MR. COLLINS: Troy, okay, good.

13 MS. HOWELL: The full team is here Elmo.

14 MR. COLLINS: Yes, I was just looking for
15 the -- make sure this is -- will this serve as the
16 executive team bridge, this bridge?

17 MS. HOWELL: Do we have a headquarters
18 operations officer on line?

19 MALE PARTICIPANT: Yes sir, this is the ET
20 bridge.

21 MR. COLLINS: Okay good, so we are good.

22 MS. HOWELL: Right. Elmo, and Mike, I
23 don't know if you are still on, I have provided an
24 updated to our public affairs officer for the
25 Chairman's talking points. It will be going out

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1 through Scott Burnell with a copy to Jean Marshall
2 (phonetic) and Brian McDermott in INTER.

3 MR. WEBER: Okay, and you are copying the
4 ops center on that?

5 MS. HOWELL: Yes, they will get a copy.

6 MR. WEBER: Thank you.

7 MR. MAMISH: Mike, I'm going to drop off
8 and see what information I can get from our
9 counterparts.

10 MR. WEBER: Are you sending Jack over
11 here?

12 MR. MAMISH: I was going to just do that,
13 get out of my office and do that. I may even come down
14 the center myself.

15 MR. WEBER: Okay.

16 MR. MAMISH: Thanks.

17 MR. WEBER: Thank you.

18 MR. COLLINS: Art, are you on the bridge?

19 (No response)

20 MR. COLLINS: Or Troy, would you ask Art
21 to give me a call separately? And Troy, I believe you
22 are the Region IV base team manager?

23 MS. PRUETT: I am the Region IV base team
24 manager, and I understand you want Art to call you
25 separately?

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1 MR. COLLINS: All right. Thank you very
2 much.

3 MR. LEEDS: Is Mike Weber still on? It's
4 Eric Leeds.

5 MR. WEBER: I'm here Eric.

6 MR. LEEDS: Yes, Mike, can I talk with you
7 separately? 'll give you a call on your Blackberry.

8 MR. WEBER: Well, I'm in the EP room.

9 MR. LEEDS: Okay.

10 MR. WEBER: Call me back at 301-816-5807.

11 MR. LEEDS: 5807. Got it. Thanks. I'll
12 call you back in a minute.

13 MR. WEBER: Right thanks.

14 MR. LEEDS: Thanks.

15 (Conference call concludes at 9:55
16 a.m./04:52 a.m.)

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(CONFERENCE CALL INITIATED)

9:57 a.m./04:53 a.m.

MALE PARTICIPANT: Mike.

MR. WEBER: Go ahead.

MALE PARTICIPANT: We have the Chairman here.

MR. WEBER: Okay.

CHAIRMAN JACZKO: Hey Mike.

MR. WEBER: Good morning Chairman. We understand you are looking for an update.

CHAIRMAN JACZKO: Yes.

MR. WEBER: We are going to have (inaudible) update on the U.S. facilities and then we will go to international programs on what we understand of the Japanese situation, and Holly Harrington is here to talk about the federal agency coordination and communication.

CHAIRMAN JACZKO: Okay great. Thanks.

MR. WEBER: Want to take it, Region IV?

MS. HOWELL: Sure Mike. Currently Humboldt Bay has notified us that they have entered their offnormal (phonetic) procedures but they don't anticipate the need to take any action.

Evacuations are occurring in the area

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1 around the plant --

2 CHAIRMAN JACZKO: And those evacuations
3 are for what purpose, because of the actual tsunami
4 effect?

5 MS. HOWELL: Yes, it's a precautionary
6 measure directed by local government organizations.

7 CHAIRMAN JACZKO: Okay, and we are going
8 to -- Holly you are prepared to message that
9 effectively? Because that will likely get out fairly
10 soon, that we are ordering -- that evacuations are
11 being ordered around the nuclear facility.

12 MS. HARRINGTON: Yes, Region IV is pulling
13 together a press release now that will incorporate any
14 new information plus the talking points you have
15 already seen.

16 CHAIRMAN JACZKO: Okay.

17 MS. HOWELL: .The next point of interest
18 is Port San Luis and the area around Diablo Canyon.
19 The county -- San Luis, Obispo County has issued some
20 evacuation directions this morning, and I don't have a
21 time stamp on that, but basically includes Port San
22 Luis, Avila Beach, Cayucos and Oceana.

23 Diablo Canyon remains in notice of unusual
24 event for their procedures, because they are in a
25 tsunami warning area. That tsunami warning area

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1 extends from near Santa Barbara, in between Santa
2 Barbara, Santa Maria, up to the California-Oregon
3 border.

4 South of that is only a tsunami advisory
5 but the plant currently plans to remain at full power.
6 They have released all non-essential personnel from
7 the plant zone.

8 And then further south, point of interest
9 would be around La Jolla and San Onofre. That area is
10 only under tsunami advisory and San Onofre has not
11 taken any additional actions or entered any offnormal
12 procedure status at this time.

13 CHAIRMAN JACZKO: And the projection, from
14 what I understood earlier, for the wave height or
15 however we would describe it for the tsunami, is that
16 or is that not within the tsunami design basis for the
17 facility?

18 MS. HOWELL: It is within the design
19 basis for the facility at Diablo Canyon and the most
20 recent update that we received from our resident
21 inspector staff, who is on site monitoring the
22 licensee actions, is that the licensee currently
23 anticipates a three-foot wave surge at the plant
24 intake structure.

25 CHAIRMAN JACZKO: Okay.

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1 MS. HOWELL: Design basis is 30 feet.

2 CHAIRMAN JACZKO: Okay.

3 MR. WEBER: Linda, can you say something
4 briefly about the drawback and what implications it
5 may have on plant function?

6 MR. HOWELL: Mike, this is Art Howell. I
7 can speak to that. I just got off the phone with Jim
8 Becker, the site vice president. They are anticipating
9 a drawdown of approximately three feet in the intake
10 structure.

11 They have seen, experienced drawdowns due
12 to screen clogging as much as six feet without much
13 operational impact in a circ water system. That's the
14 non-safety related, Chairman. And then the OP
15 (phonetic) saltwater has additional margin which he
16 didn't quantify.

17 Right now Diablo Canyon cannot speak to
18 the period of the drawdown. They are trying to
19 estimate that based on the available data and I expect
20 them to call me back within the next few minutes if
21 they have any assessment about the period of the
22 drawdown.

23 But they believe that because of the
24 drawdown it's only going to be three feet and that
25 would be will within the design basis of the plant,

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1 and that factored heavily into their decision to stay
2 at 100 percent power.

3 MR. WEBER: Okay. And then San Onofre is
4 not in a tsunami watch, they are at a warning or an
5 advisory?

6 MS. HOWELL: They are at the advisory
7 level and so their procedures would not call for them
8 to escalate or take further actions.

9 MR. WEBER: Okay. Good. Do we have any
10 updates then from Hawaii on any materials issues?

11 MS. HOWELL: Currently we do not have any
12 updates on materials issues. We have been monitoring
13 USGS reporting and the most significant impact for
14 Hawaii was a six-foot wave in the Maui area. We have
15 extended over about a 28-minuted period.

16 MR. WEBER: But from what you have
17 reported previously Linda, am I correct that you
18 expected the sources would be out of harm's way
19 because they are away from the coastline?

20 MS. HOWELL: That's correct. In Hawaii we
21 would be looking at some hospital facilities that
22 carry category 1 and category 2 sources. But they sit
23 -- they do not sit at shoreline elevation. They are up
24 on the hill so we don't anticipate any -- didn't
25 anticipate any impact and have not yet been notified

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1 that there was any adverse impact.

2 MR. WEBER: Okay. And can you remind me,
3 is Hawaii an agreement state or not?

4 MS. HOWELL: Hawaii is not an agreement
5 state. It is a non-agreement state.

6 MR. WEBER: Okay. So there are licensees?

7 MS. HOWELL: That is correct.

8 MR. WEBER: Okay.

9 MR. WEBER: And in Guam the understanding
10 was that we only had some portable gauges --

11 MS. HOWELL: That's correct, a couple of
12 portable gauge licensees. Guam report -- its impact
13 period was at approximately 4:30 central time this
14 morning and the reporting that we saw there was just a
15 two-foot sea level rise.

16 MR. WEBER: Okay, thank you. Any other
17 reports, Region IV, on facilities or sources?

18 MS. HOWELL: None at this time. Thank you
19 Mike.

20 MR. WEBER: Okay, Nader?

21 MALE PARTICIPANT: I'm sorry, just
22 updating, we are going into monitoring mode in Region
23 IV.

24 MALE PARTICIPANT: We are in monitoring.

25 MALE PARTICIPANT: We are in monitoring,

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1 okay, and the reason for that is?

2 MALE PARTICIPANT: Coordination on the
3 communications associated with the earthquake as well
4 as the coordination with the other federal agencies.

5 MALE PARTICIPANT: Okay, thanks.

6 MR. WEBER: Okay, Nader?

7 MR. MAMISH: Okay. Chairman, there are
8 four sites that are closest to the earthquake
9 occurred, the Onagawa, which has three operating BWRs,
10 the Fukushima Daiichi, which has six operating BWRs,
11 Fukushima Daini has four operating BWRs, and Tokai,
12 which has one operating BWR.

13 A number of these units were in
14 maintenance mode. Those that were operating all are
15 (inaudible). A total of 11 units (inaudible).

16 Information that we have at this point,
17 although some of it is somewhat sketchy, is that
18 there's a significant flooding in one unit. We have
19 not been able to pinpoint which unit that is. The
20 flooding is the result of the tsunami.

21 One of the units at the Fukushima Daiichi
22 has some cooling issues, loss of feedwater for its
23 cooling system, but based on the press release that we
24 have seen, they indicate that the reactor coolant has
25 a significant amount of water for cooling and that

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1 there's no danger of the fuel being exposed.

2 CHAIRMAN JACZKO: Okay.

3 MR. MAMISH: And finally, there was
4 apparently some fire at one of the Fukushima Daini
5 units that was extinguished and there is a
6 precautionary evacuation of three kilometers around
7 all the plants that were in the vicinity where the
8 earthquake occurred.

9 CHAIRMAN JACZKO: Okay. And there have
10 been no requests for any assistance from us at this
11 point, have there?

12 MR. MAMISH: No sir.

13 CHAIRMAN JACZKO: Okay. Thanks.

14 MR. WEBER: Okay. Holly? Update on the
15 communications?

16 MS. HARRINGTON: Chairman, as you know we
17 have talking points that you and your staff already
18 have. These are if asked only at this point. We have
19 had some media inquiries, not a whole lot, and we are
20 coordinating them with one individual so that we have
21 got consistence of message.

22 CHAIRMAN JACZKO: Okay, good.

23 MS. HARRINGTON: We are now also working
24 on a press release out of Region IV, which we will
25 talk about. They are going into monitoring mode and we

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1 shall incorporate some of the generic talking points
2 that we have already got about earthquakes and tsunami
3 design basis and that sort of thing.

4 CHAIRMAN JACZKO: Okay.

5 MS. HARRINGTON: We will get that to FEMA
6 as soon as we are through our approval process and are
7 posting it. I believe FEMA will be as is customary
8 doing some sort of a round-up press release where they
9 sort of take bits and pieces from everyone's press
10 release and put it into one general response type
11 press release.

12 We did already have a nickel (phonetic)
13 call this morning, you know. There's not a lot of
14 press releases yet from most of the federal agencies.
15 A lot of folks are just sort of mobilizing and
16 standing by and that sort of thing at this point.

17 There may be a nickel call this afternoon
18 if the tsunami materializes and they are saying or
19 perhaps not, if it really turns out to not be very
20 much, then it's unlikely there will be another nickel
21 call.

22 CHAIRMAN JACZKO: Okay. Good.

23 MR. WEBER: Okay, anything else?
24 (Inaudible) do you want to summarize federal status?

25 MALE PARTICIPANT: Right now Chairman we

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1 have made contact with the National Operations Center
2 run by FEMA. We are making preps to get a liaison
3 there if needed. FEMA is itself (inaudible). We
4 understand that Administrator Fugate had a request in
5 to full staffing of their Regional Response
6 Coordination Centers in the two affected FEMA regions,
7 or potentially affected FEMA regions.

8 And we also know that they are making
9 preps internally, this is for what we call the
10 disaster-initiated review. That would be a follow up
11 if there were any impacts on the emergency planning
12 zone around one of the facilities. It's the look that
13 they do after that natural disaster to make sure that
14 reasonable assurance of the offsite ability to
15 implement emergency plans is maintained.

16 And we have coordination with them
17 actually through my division in INTER.

18 CHAIRMAN JACZKO: Okay.

19 MR. WEBER: And the National Response
20 Coordination Center is staffed up, but we were not
21 requested to send someone down there, but we are
22 pushing to get an invite to go down there so that we
23 don't have other agencies speaking for us.

24 CHAIRMAN JACZKO: Exactly, okay. And if
25 you have trouble with that Mike, let me know, and I'll

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1 raise that wherever I can, if I need to.

2 MR. WEBER: Okay. Will do. Anything else?

3 CHAIRMAN JACZKO: No, appreciate the
4 updates and next time when we do this, it would be
5 helpful for me to have some of this on a piece of
6 paper so I can refer back to it. John has done a great
7 job here of taking some copious notes but it would be
8 easier probably just to have it directly from all of
9 you.

10 MR. WEBER: Understood.

11 CHAIRMAN JACZKO: Okay. And obviously this
12 is not any serious incident here in the United States
13 yet, and -- but I appreciate everybody kind of you
14 know, responding and being prepared and obviously
15 there's a lot of just -- my biggest concern right now
16 is one, obviously, you know, making sure that things
17 stay at the plants within our expected parameters, and
18 then the other piece is just making sure we get
19 clarity of communication, because there's a lot of
20 speculation in particular about what's happening in
21 Japan that is I think leading to a bit of, I want to
22 say -- I don't want to say panic, but perhaps
23 overreaction in some places about the status of their
24 facilities.

25 MR. WEBER: Yes sir, we understand.

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1 CHAIRMAN JACZKO: Okay, great. Appreciate
2 it.

3 MR. WEBER: So next briefing is at 11
4 o'clock?

5 CHAIRMAN JACZKO: What do you think, is
6 that going to be too early?

7 MR. WEBER: It probably will be. I would
8 suggest we put that off until after the waves hit the
9 west coast and then we will have actual information on
10 what the current status is. I don't expect much will
11 change between now and then.

12 CHAIRMAN JACZKO: Okay, I'll concur with
13 that.

14 MR. WEBER: So we will shoot for 11:45?

15 CHAIRMAN JACZKO: Sure. And if it needs to
16 be a little bit later just let me know when you think
17 the right time is. So I'll anticipate something around
18 -- between noon and one let's say.

19 MR. WEBER: Okay.

20 CHAIRMAN JACZKO: Okay?

21 MR. WEBER: All right.

22 CHAIRMAN JACZKO: Thanks Mike.

23 MR. WEBER: Thank you.

24 CHAIRMAN JACZKO: Thanks everybody.

25 (Conference call concludes at 10:11 a.m./05:08 a.m.)

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1 (CONFERENCE CALL INITIATED)

2 10:11 a.m./05:08 a.m.

3 MS. HOWELL: Mike, this is Region IV, we
4 are still online.

5 MR. WEBER: Yes, any suggested time for
6 that next update?

7 MS. HOWELL: That's what I was just going
8 to ask about.

9 MALE PARTICIPANT: We have worked at the
10 EDO's office before and they were setting something up
11 for 11:45.

12 MALE PARTICIPANT: I heard the Chairman
13 say give us some more times, choose between 12 and 1.

14 MS. HOWELL: Yes, shall we say 12:30?

15 MALE PARTICIPANT: 12:30 eastern standard
16 time.

17 MS. HOWELL: Okay, we will all plan to
18 call in and Mike, I'm not sure that the talking points
19 that OPA has prepared capture all of the tidbits yet.
20 We can give some notes from here.

21 How would you like us to coordinate
22 getting that up so that Nader can add in anything that
23 he might have if we want to get a one-pager up to the
24 Chairman?

25 MR. WEBER: Linda, we are pulling in folks

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1 for the liaison team so that's where we have the most
2 staff in terms of headquarters, so if you would just
3 funnel it to the liaison team and then we will get it
4 from OIT (phonetic) and package it.

5 MS. HOWELL: Okay, we will forward it on
6 through the HOOs and make a request that they send it
7 on to the liaison through Brian.

8 MR. WEBER: Thank you. It sounds like we
9 should plan to have a situation report for that next
10 call, right?

11 MR. MAMISH: Get the input by what, 12
12 o'clock? Does that make sense?

13 MR. WEBER: We'll let the liaison team --

14 MALE PARTICIPANT: We will pull together
15 (inaudible) and have it in here by 12 noon.

16 MR. WEBER: Okay, all right. Okay. Thanks
17 all. We are going to go on mute.

18 (Conference call concludes at 10:12
19 a.m./05:09 a.m.)

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1 (CONFERENCE CALL INITIATED)

2 10:12 a.m./05:09 a.m.

3 MR. COLLINS: Say Troy, this is Elmo.

4 MS. PRUETT: Yes sir.

5 MR. COLLINS: Yes, just for the talking
6 points for the Chairman, you know, we, just as a
7 reminder, we do have the lead for really the U.S.
8 facilities, Region IV facilities. You know, what went
9 up already I view as just round one, we can update
10 those and probably the quicker we can pull that
11 together the better, to get a reworked vision to save
12 the pertinent that is pertinent.

13 MS. PRUETT: Yes, we are updating that
14 continually.

15 MR. COLLINS: Yes, okay good, I like that.
16 You are already ahead of me. Thank you.

17 MS. PRUETT: All right.

18 MALE PARTICIPANT: Elmo, you got the word
19 on 12:30 then for the next Chairman's brief?

20 MR. COLLINS: Right, right. That's right,
21 so I'll be -- let's have a couple of minutes on the
22 phone in advance of that Troy --

23 MS. PRUETT: Okay.

24 MR. COLLINS: and Linda. So I would
25 appreciate that. .

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1 MS. HOWELL: Okay.

2 MR. COLLINS: Yes, thank you. I thought it
3 was a good brief Linda. Thank you very much.

4 MS. HOWELL: We are on target here, Elmo.

5 MALE PARTICIPANT: Yes sir, thank you.

6 (Conference call concludes at 10:14
7 a.m./05:11 a.m.)
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1 (CONFERENCE CALL INITIATED)

2 10:14 a.m./05:11 a.m.

3 CHRIS: Are you there Jim?

4 MR. TRAPP: Yes.

5 CHRIS: What can I do for you?

6 MR. TRAPP: Oh, no question, I just wanted
7 to coordinate and make sure that the Chairman gets the
8 information he needs.

9 CHRIS: Yes, well you know the Chairman
10 called in about 35 minutes ago.

11 MR. TRAPP: Okay.

12 CHRIS: And I think he has all he wants.
13 The next brief for the Chairman is 12:30 eastern time.

14 MR. TRAPP: Very well, it sounds like we
15 are in good shape to give him what he needs, then.

16 CHRIS: Right, and just an update, Diablo
17 still plans to stay at full power, and there's no --
18 we don't expect any significant impact to Diablo
19 Canyon at all.

20 MR. TRAPP: Very well. Thanks so much
21 Chris. Take care.

22 (Conference call concludes at 10:15
23 a.m./05:12 a.m.)

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1 (CONFERENCE CALL INITIATED)

2 10:15 a.m./05:12 a.m.

3 MALE PARTICIPANT: Region IV, are you on
4 the line?

5 MALE PARTICIPANT: Yes we are.

6 MALE PARTICIPANT: We just received an
7 update from reactor counterpart link about the status
8 of Diablo. We understand that they are experiencing a
9 one-foot drop in water level from drawback and they
10 are expecting a three-foot rise over the next couple
11 of hours from that.

12 MALE PARTICIPANT: Yes, that's the same
13 thing we heard.

14 MALE PARTICIPANT: Okay. So they are not
15 expecting any challenges from the tsunami at Diablo.
16 Is that correct?

17 MALE PARTICIPANT: That's correct.

18 MALE PARTICIPANT: Okay.

19 MALE PARTICIPANT: (Inaudible) tsunami has
20 passed?

21 MALE PARTICIPANT: I guess we can't say
22 that the tsunami has passed because they haven't seen
23 the high waves.

24 MALE PARTICIPANT: That's right. We were
25 doing some research on tsunamis here. It looks like

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1 it's a two- or a three-hour phenomenon anyway from
2 beginning to end, so -- but based on the one update
3 they only have (audio drops) a three-foot rise so --

4 MALE PARTICIPANT: Okay. We are going to
5 notify the Chairman of that information.

6 MALE PARTICIPANT: Okay.

7 MALE PARTICIPANT: Okay.

8 MALE PARTICIPANT: You know, the President
9 is planning to go on at 12:30 we understand, eastern
10 time.

11 MALE PARTICIPANT: Okay.

12 MALE PARTICIPANT: And we also understand
13 through our reachback that he does not plan to say
14 anything about the nuclear plants in Japan.

15 MALE PARTICIPANT: Okay.

16 MALE PARTICIPANT: Okay?

17 MALE PARTICIPANT: Any headquarters report
18 you need?

19 MALE PARTICIPANT: Not right now. I think
20 we are doing well.

21 MALE PARTICIPANT: Okay.

22 MS. HOWELL: One question. It's Linda. We
23 have got an update of current -- it would be 1100
24 eastern, and I am preparing (inaudible, phone
25 interference) which address or recipient would you

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1 like me to send it to?

2 MALE PARTICIPANT: You could send it just
3 to the HOOs and they'll get it to the liaison team if
4 they haven't already established it.

5 MS. HOWELL: Okay, great. I will go ahead
6 and reach back from the liaison team, separate from
7 any of our conversations, asking for a briefing for
8 the Chairman. Are we all coordinated that we are doing
9 that briefing at 12:30 eastern through a central line
10 (inaudible, phone interference).

11 MALE PARTICIPANT: They are trying to
12 collect information for the SITREP (phonetic).

13 MR. WEBER: I think the answer to your
14 question is yes, we are going to do that through a
15 coordinated call up here.

16 MS. HOWELL: Okay. I just wasn't sure if
17 there were parallel things going on, so I just wanted
18 to make sure we are all clear. Thank you.

19 MR. WEBER: Yes, we had asked the Chairman
20 what his preference was with respect to does he want
21 to avoid the conflict with the President's briefing
22 from the White House, and I think the answer was he
23 wanted to have any updates that we could provide with
24 respect to Diablo before the President goes online.

25 But as far as I know we are still planning

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1 to do the briefing at 12:30.

2 MR. MCDERMOTT: And Linda, this is Brian,
3 in advance of that, I think folks are reaching out
4 from the liaison team trying to collect up Region IV
5 input, the OIP input.

6 JEFF: Linda, Jeff (inaudible) here. The
7 Homeland Security folks just called, and this is new
8 to Mike also, they have activated and fully staffed
9 their crisis action team, the CAT team at the
10 (inaudible).

11 They do not request an NRC liaison officer
12 at this time but they do want SITREP reports sent to
13 the (inaudible) crisis action team.

14 MS. HOWELL: Okay, I can send this update
15 out to HOOs and then whoever is going to formulate the
16 SITREP report, you could have sufficient information
17 in here to boil it down to a concise SITREP input.

18 MALE PARTICIPANT: Ned Wright and Lisa
19 Gibney (phontaic) are working on that and they -- I
20 think they called you for input into that SITREP
21 report.

22 MS. HOWELL: Okay, all right, I'll cc Ned
23 Wright on this thing, okay?

24 MALE PARTICIPANT: Thanks, appreciate
25 that.

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1 MS. HOWELL: All right.

2 MR. WEBER: Linda, if you want the direct
3 email for the liaison team, it's L-I-A-0-1.H-O-C
4 (phonetic).

5 MS. HOWELL: Okay.

6 MALE PARTICIPANT: @nrc.gov.

7 MR. WEBER: Okay we are going back on
8 mute.

9 (Conference call concludes at 10:19
10 a.m./05:16 a.m.)

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1 (CONFERENCE CALL INITIATED)

2 10:20 a.m./05:17 a.m.

3 MS. HOWELL: Hey Joe?

4 JOE: Yes.

5 MS. HOWELL: Linda here. I think that
6 11:45 briefing that happened earlier, established by
7 Jim Trapp at the EDO's office was transferred to the
8 12:30 that we discussed during the last briefing.

9 JOE: Okay, so there is no 11:45. The next
10 briefing is at 12:30.

11 MS. HOWELL: That's correct.

12 JOE: Okay, thank you.

13 MS. HOWELL: All right. Thanks Joe.

14 (Conference call concludes at 10:20
15 a.m./05:17 a.m.)

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1 (CONFERENCE CALL INITIATED)

2 10:21 a.m./05:18 a.m.

3 JOHN: Hey Mike, John Monenger (phonetic)
4 calling.

5 MR. WEBER: Hey John.

6 JOHN: Hey, Chairman will be back down in
7 about five minutes or so. I guess we got the message
8 that you guys wanted to -- were ready to give a
9 briefing in about 10 minutes or so.

10 MR. WEBER: Yes, we know that he wanted to
11 have an update on Diablo's situation before the
12 President goes on at 12:30.

13 JOHN: Okay, so I just wanted to get the
14 line in place before he shows up.

15 MR. WEBER: Okay.

16 JOHN: We are on mute.

17 MR. WEBER: All right. Thanks John.

18 (Conference call concludes at 10:21
19 a.m./05:18 a.m.)
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1 (CONFERENCE CALL INITIATED)

2 10:21 a.m./05:18 a.m.

3 CHAIRMAN JACZKO: Hello.

4 MR. WEBER: Hi Chairman.

5 CHAIRMAN JACZKO: Hi Mike.

6 MR. WEBER: Just to give you a brief
7 update. We understand that you are aware the President
8 goes (inaudible) at 12:30.

9 CHAIRMAN JACZKO: Yes.

10 MR. WEBER: And because of that we wanted
11 to let you know what we now know about Diablo Canyon.

12 CHAIRMAN JACZKO: Okay, great.

13 MR. WEBER: Based on reporting from the
14 site, they are experiencing about a one-foot decrease
15 in ocean level due to the drawback, and with that they
16 would expect a three-foot wave to come back, but that
17 wave rises over the span of one to two hours.

18 CHAIRMAN JACZKO: Okay.

19 MR. WEBER: So that confirmed the earlier
20 forecast that they do not expect to be threatened by
21 the tsunami at Diablo Canyon.

22 CHAIRMAN JACZKO: Okay, good.

23 MR. WEBER: And we understand that the
24 President does not intend to say anything about the
25 nuclear situation in Japan.

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CHAIRMAN JACZKO: Okay good.

MR. WEBER: And that's through our contacts with the national security staff.

CHAIRMAN JACZKO: Good.

MR. WEBER: But I think that's the sum total of what we currently understand.

CHAIRMAN JACZKO: Okay.

MR. WEBER: Would you like to have the briefing at 12:30 or would you prefer to watch the President?

CHAIRMAN JACZKO: I mean, right now, it seems like there's no major issues at this point, is that correct?

MR. WEBER: That's correct. The thing that we still have a large amount of uncertainty about is what is going on with respect to the Japanese plants.

CHAIRMAN JACZKO: Okay.

MR. WEBER: We had a representative of JNES here in the operations center this morning. He received an updated call from his contacts in Japan but he was reluctant to share additional information with us until he had the opportunity to confirm that information.

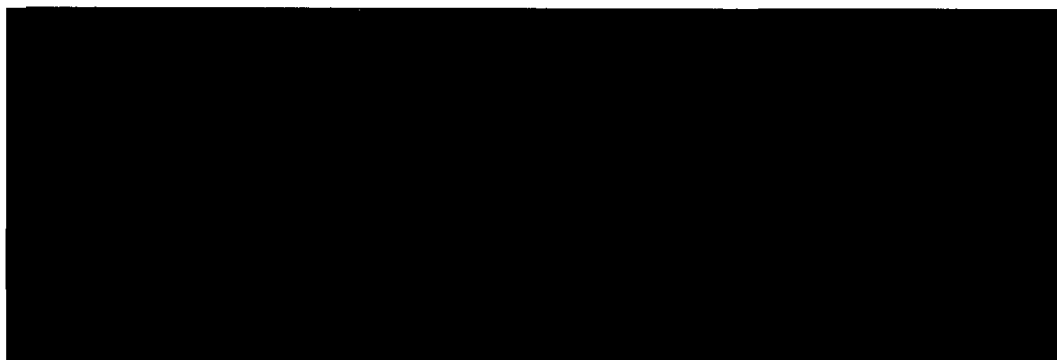
CHAIRMAN JACZKO: Okay.

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1 MR. WEBER: There was some discussion
2 about getting a mobile emergency diesel generator at
3 at least one of the plants, but we were thinking that
4 there could still be some translation challenges there
5 in understanding what the current situation was.

6 CHAIRMAN JACZKO: Okay. Well, my personal
7 sense here, and please, tell me whether you agree or
8 disagree with it, is that I don't want to -- I don't
9 want to be a distraction to the Japanese in any way,
10 shape or form, that they are managing the event.



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16 [REDACTED] If I need to be engaged to make sure we can
17 provide them with whatever they request. Otherwise I
18 would suggest that we continue to get information
19 where we can, but we do not do anything to burden them
20 at a time when they are more concerned about dealing
21 domestically with their issues.

22 MR. WEBER: Understood, sir, and that's
23 the position that we took in our interactions with the
24 JNES representative.

25 CHAIRMAN JACZKO: Okay. Good.

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1 MR. WEBER: We offered assistance. None
2 was requested, and so he went off and continued to
3 work his contacts to do whatever support he could
4 decide.

5 CHAIRMAN JACZKO: Okay good. Good. Well, I
6 would just suggest then that you keep me posted of --
7 I'm sorry? Oh, I would suggest that you keep me posted
8 if something were to change, in particular with any of
9 our plants or licensees, or again, if there was a
10 specific request for information, or request for
11 assistance from our Japanese counterparts.

12 MR. WEBER: Okay sir, understood.

13 CHAIRMAN JACZKO: Good. Thanks everybody.
14 Appreciate it.

15 MR. WEBER: Thank you.

16 CHAIRMAN JACZKO: Bye.

17 MR. COLLINS: Mike Weber, can you hear me?

18 MR. WEBER: I hear you.

19 MR. COLLINS: Given that we just did this
20 mini-brief for the Chairman and we probably won't have
21 to back-brief him again other than to tell him that we
22 are spinning down, do you see a need to put everybody
23 back on for one more brief to get them all up to
24 speed?

25 MR. WEBER: That's what we were just

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1 talking about, about the benefit of doing that,
2 because there have been some offices, like this last
3 call we didn't have international programs on or we
4 didn't get an update from public affairs.

5 MR. COLLINS: Right.

6 MR. WEBER: If we are going to do that, we
7 were thinking it would be wise to avoid the conflict
8 with the President's presentation at 12:30.

9 MR. COLLINS: Okay, so what time do you
10 want to do this, one o'clock eastern? Is that going to
11 work?

12 MR. WEBER: I think one o'clock would work
13 from our end and that way we can also do a
14 commissioner assistance brief so that they were kept
15 up to speed on what is going on. Is that enough
16 advance notice?

17 MR. COLLINS: I (inaudible) think that
18 works for us on the bridge.

19 MR. WEBER: Okay, so we do the similar
20 format, we'd have the update on the U.S. regulator's
21 activities, then we would go to international programs
22 and then the update on communications and
23 coordination.

24 MR. COLLINS: Okay.

25 MR. WEBER: Okay. So let's shoot for one

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1 o'clock and that gives us the opportunity to watch the
2 President at 12:30.

3 MR. COLLINS: Okay. Good. Thanks much.

4 MR. WEBER: Okay, thank you.

5 MR. COLLINS: Say Troy?

6 MS. PRUETT: Yes sir.

7 MR. COLLINS: This is Elmo. I had a little
8 trouble getting on the bridge. Did I miss the brief
9 for the Chairman?

10 MS. PRUETT: Well, it was kind of a last-
11 minute kind of thing. It caught us by surprise but yes
12 you did miss it.

13 MR. COLLINS: That was a short one then,
14 huh?

15 MS. PRUETT: It was very short,
16 essentially with respect to the (inaudible)
17 facilities, the harbor buoy close to Diablo Canyon
18 registered a one-foot decrease in level and based on
19 that, Diablo doesn't expect to see anything more than
20 a three-foot rise in level at the intake structure.

21 MR. COLLINS: Okay.

22 MS. PRUETT: And I think they have
23 already seen a little bit of a rise start to occur
24 already, no more than two feet so far.

25 MR. COLLINS: They believe that's

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1 indication of the wave passing Diablo Canyon?

2 MS. PRUETT: That's right, it is -- and
3 just so you know, it's about a -- anywhere from a one-
4 to three-hour event, the tsunami is, in terms of level
5 changes. So we don't anticipate anything more than the
6 three feet, which is well within the facility design
7 basis of about 35 feet.

8 MR. COLLINS: Okay. Understood.

9 MS. PRUETT: And we have been reaching
10 out to the states and we haven't received any adverse
11 information from any of the states with respect to
12 control of licensed material.

13 MALE PARTICIPANT: Yes, we have contacted
14 about half of our cat 1, cat 2 licensees in five
15 states affected, and nothing adverse has been
16 reported.

17 MR. COLLINS: Okay, thank you.

18 MS. PRUETT: Right and then I think Bill
19 Maier -- we are getting all this into talking notes
20 right now, but -- and Linda will correct me if I am
21 wrong, but the Hawaii state EOC did go to full
22 activation --

23 MS. HOWELL: Correct.

24 MS. PRUETT: that California, with the
25 full activation at the SOC, I don't know what that

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1 stands for, I apologize.

2 MS. HOWELL: The State Operations Center
3 and the three regional operations centers.

4 MS. PRUETT: And the three regional ops
5 centers, and FEMA IX also went to full ops.

6 MR. COLLINS: Thanks. Understood. Okay.
7 Okay, well I appreciate the efforts to gather the
8 information and report out. I guess we have a number
9 of calls scheduled that --

10 MS. PRUETT: If it goes down to
11 (inaudible) there's a call scheduled for one o'clock
12 eastern time, 12 o'clock central, and we will get a
13 hold of you barring somebody jumping on (inaudible)
14 and brief you about 15 minutes before that.

15 MR. COLLINS: Well, I appreciate that, and
16 I also appreciate your flexibility.

17 MS. PRUETT: All right.

18 (Laughter)

19 MALE PARTICIPANT: And Elmo, just so you
20 know, that one o'clock will be set up as a
21 commissioner's assistants brief.

22 MR. COLLINS: So we will do that in
23 conjunction with the call that's scheduled?

24 MALE PARTICIPANT: At one o'clock eastern.

25 MALE PARTICIPANT: That's right.

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1 MR. COLLINS: Right. Very good.

2 MS. PRUETT: But Elmo, just so you know,
3 we are putting the finishing touches on a PE
4 (phonetic) and we hope to be able to get that out in
5 the not too distant future.

6 MR. COLLINS: Okay, excellent. Thank you
7 very much.

8 MS. PRUETT: All-righty. Bye.

9 MR. COLLINS: Bye.

10 (Conference call concludes at 10:30
11 a.m./05:27 a.m.)

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1 (CONFERENCE CALL INITIATED)

2 10:30 a.m./05:27 a.m.

3 CHAIRMAN JACZKO: Hey Mike?

4 (No response)

5 MR. MCDERMOTT: Brian McDermott. Mike has
6 stepped away for a minute.

7 CHAIRMAN JACZKO: Who is this? This is
8 Greg Jaczko.

9 MR. MCDERMOTT: Chairman this is Brian
10 McDermott.

11 CHAIRMAN JACZKO: Hey Brian, how are you?

12 MR. MCDERMOTT: Okay.

13 CHAIRMAN JACZKO: Hey, can we see if we
14 can track down through our interagency contacts some
15 information about a quote from the Secretary of State
16 that the U.S. Air Force has transported some really
17 important coolant to one of the nuclear plants?

18 MR. MCDERMOTT: Yes sir. We will get our
19 liaison team on that.

20 CHAIRMAN JACZKO: Okay thanks. If you
21 could just send me an email when you find out, if we
22 have any understanding what exactly that was or what
23 that meant.

24 MR. MCDERMOTT: Will do.

25 CHAIRMAN JACZKO: Okay, thanks.

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(Conference call concludes at 10:31
a.m./05:28 a.m.)

1 (CONFERENCE CALL INITIATED)

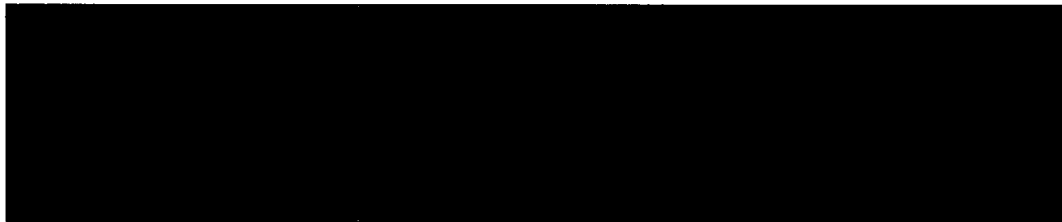
2 10:31 a.m./05:28 a.m.

3 MR. WEBER: This is Mike Weber. We
4 received a cable through international programs which
5 came from the Ambassador in Vienna, and we just want
6 to alert you to this, not that you need to do anything
7 with the information, but to make sure that you have
8 awareness of it.

9 It's a brief cable that summarizes the
10 current perspective of the International Atomic Energy
11 Agency with respect to the situation with nuclear
12 power plants in Japan.

13 And there is some somewhat alarming
14 language that talks about, and I'll just quote, "The
15 IAEA tells us the earthquake triggered a power failure
16 at the Fukushima Daiichi unit 2 nuclear power plant,
17 and then when a backup generator also failed, the
18 cooling system was unable to supply water to cool the
19 reactor.

20 "Specialists at the IAEA understand the
21 fuel core is still covered by water, but they question
22 if it will remain so." End quote.



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MALE PARTICIPANT: All right thanks.

MR. WEBER: Thank you.

(Conference call concludes at 10:33
a.m./05:30 a.m.)

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1 (CONFERENCE CALL INITIATED)

2 10:37 a.m./05:34 a.m.

3 MR. MCDERMOTT: This is Brian McDermott at
4 headquarters operations center. Thank you all for
5 joining us. We have a commissioner assistants
6 briefing planned for you to provide an update on the
7 situation relative to the earthquake and tsunami
8 originated in Japan.

9 First I would like to turn it over to
10 Region IV to talk about the status of the domestic
11 situation. We will transition to Office of
12 International Programs to talk about the situation as
13 we know it in Japan.

14 Then finally we will touch on the federal
15 coordination and communication. And with that, Elmo,
16 take it for Region IV.

17 MS. PRUETT: Yes, this is Troy Pruett in
18 Region IV. I am the base team manager for the incident
19 response center, Region IV. We are going to touch on
20 the reactor plant status first. Geoff Miller will be
21 doing that. He is the branch chief for Diablo Canyon.

22 We will then run through the materials,
23 licensee status, and Chuck Cain will do that. And then
24 Linda Howell will follow up with the state
25 interactions that we have had today.

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1 So with that, Geoff, why don't you kick it
2 off.

3 MR. MILLER: Thanks. By way of a brief
4 background, at 4:23 eastern time this morning the
5 Diablo Canyon power plant declared a notice of unusual
6 event. That was based on receiving a tsunami warning
7 as a result of the earthquake experienced in Japan
8 earlier this morning.

9 At that time the licensee took the actions
10 including an evacuation of personnel from the station
11 inlet structure, which is the lowest portion of the
12 plant. They also briefed control room operators on the
13 rapid shutdown procedure and established
14 communications with the San Luis, Obispo emergency ops
15 center, and the established fire brigade and local
16 command center.

17 Also the resident inspectors responded to
18 the site, and they are now still in the control room
19 monitoring the situation and licensee actions.

20 This morning the time the licensee
21 predicted that the maximum wave surge they expected to
22 see there at the site would be approximately three
23 feet at the intake structure. Based on this
24 information they made a determination to remain at 100
25 percent power and the station is still at 100 percent

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1 power at this time.

2 About 11:30 eastern time the licensee
3 started observing the first potential tsunami effects
4 at the site. They saw a one-foot drawdown based on
5 buoy information in the harbor.

6 They still, based on that drawdown, expect
7 about a three-foot surge, confirming their earlier
8 calculations. That surge is still in progress. They
9 have seen about a two-foot rise and expect it to reach
10 its peak here within the next hour.

11 This change is within the normal tidal
12 range of the station and they do not expect it to
13 impact plant operations. To this point they have been
14 monitoring the circulating water and seawater systems
15 and have not seen any impact on plant operation or any
16 system parameters.

17 And we are in continuous communication
18 with the residents and the control room.

19 San Onofre nuclear generating station is
20 further down the coast and the effect there is
21 expected to be less severe than at Diablo Canyon. They
22 were under a tsunami advisory and they have not
23 reached any emergency action levels, and they continue
24 -- San Onofre continues to operate at full power.

25 At this time there are about -- as I said

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1 there are no other impacts observed at the site. They
2 have evacuated all personnel from the intake structure
3 until the conclusion of the event and they are
4 discussing the criteria for unusual event termination
5 once they reach the peak here.

6 The state (phonetic) has closed their
7 normal access road to the plant and they have
8 evacuated the low-lying areas along the coast. The
9 licensee does have a north access route to the site.
10 They have driven that down. It is available, but it is
11 not yet in use.

12 They still have -- the day shift did make
13 it into the plant and took the watch but the night
14 shift is still on site. That's all for the current
15 status of Diablo Canyon.

16 MS. PRUETT: Okay. Chuck, do you want to
17 touch on the materials?

18 MR. CAIN: On the materials side, we have
19 identified that we have 17 cat 1 cat 2 licensees in
20 the states of Hawaii and Alaska. We have contacted
21 about half of those so far and none of them have
22 reported any effects from a tsunami.

23 All these licensees are (inaudible) users,
24 primarily radiographers and irradiators. There is also
25 one in our C (phonetic) licensee, cat 1 cat 2 in

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1 Sacramento, and we have yet to contact them, but we
2 will continue until we have contacted all of cat 1 cat
3 2 licensees.

4 We have also been in contact with the
5 Humboldt Bay plant which is in decommissioning in
6 northern California, and the licensee has reported
7 that they have seen no effects from the tsunami
8 effects at that location as well.

9 And then we have contacted our program
10 directors for the three agreement states --
11 California, Washington and Oregon -- and they have
12 indicated that they have -- they are monitoring the
13 situation in those states, and that none of their
14 licensees have yet reported any effects from tsunami.
15 I think that's it.

16 MS. PRUETT: I think that's all Region IV
17 had. Is there any questions for Region IV?

18 If not I will turn it back to
19 headquarters.

20 MR. MCDERMOTT: Okay, let's move on then
21 to international.

22 MR. MAMISH: Thanks Brian. There are 14
23 operational BWRs that are close to where the
24 earthquake took place. There are three units at
25 Onagawa, six at Fukushima Daiichi, four at Fukushima

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1 Daini and one at Tokai.

2 All three units at Onagawa were operating
3 and all were automatically shut down. Three units of
4 the six -- three of the six units at Fukushima Daiichi
5 were operating and three were in maintenance outage.
6 All three units that were operating were shut down.

7 All four units at Fukushima Daini were
8 operating and all of them were also shut down and then
9 finally, the one unit that was operating at Tokai was
10 automatically shut down.

11 So in total, 11 of the 14 units were
12 operating, and all 11 of them were shut down.

13 A fire was confirmed to have occurred in
14 the turbine building that is common to all three units
15 at Onagawa. The fire was subsequently extinguished.

16 At the Fukushima Daiichi, unit 2
17 apparently suffered a loss of feedwater to its coolant
18 system due to a lack of power.



24 At least one (inaudible) diesel generator
25 has been delivered on site. According to some recent

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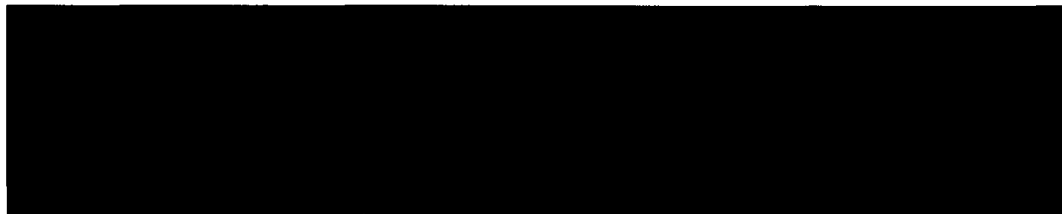
1 information that I just received from one of my staff,
2 apparently there's at least 3.4 meters of water above
3 the fuel for that unit where Fukushima Daiichi unit 2,
4 so there is still -- at this point it appears that
5 there is still plenty of water.

6 The Japanese regulatory authority has
7 declared a heightened state of alert at the Fukushima
8 Daiichi site. They have ordered precautionary
9 evacuations out to three kilometers and residents
10 between three kilometers and 10 kilometers have been
11 advised to stay home, essentially shelter in place.

12 At this point there are no reports of
13 radiation leakage that we have received officially
14 from our Japanese counterparts. CNN did report around
15 12:30 that rad levels were rising. We don't really
16 know what that means and we have not confirmed that.

17 We have no NRC staff currently in Japan on
18 official travel that we are aware of, and I believe
19 this is all the information that we have at this
20 point.

21 MR. WEBER: You may have seen -- this is
22 Mike Weber -- some press reporting quoting the



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The President, when he had his briefing at 12:30 today was also asked the question about the Secretary of State's comments. His response was when he spoke to the Prime Minister this morning that he offered assistance and that included offering assistance for -- to the nuclear plants.

No request at that time was requested, however the President said that he asked Secretary Chu to work closely with his counterparts in Japan to provide whatever assistance the United States can offer.

And when Brian talks about coordination, I think you will have more to talk about. We have actually gotten a request -- the U.S. government has gotten a request for assistance, not the NRC.

Any questions for Nader on international?

MALE PARTICIPANT: Yes, this is (inaudible). We -- I was looking at the TEPCO website

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1 and the TEPCO website reported that at Fukushima
2 Daini, unit 1, it had a loss of coolant accident as
3 evidenced by high containment pressure.

4 Do you have any information on that?

5 MR. MAMISH: No, we do not have any
6 information on that.

7 MR. SNODDERLY: This is Mike Snodderly
8 from Commissioner Apostolakis's staff, and (inaudible)
9 the TEPCO website to be very informative. It
10 (inaudible) the problem is in unit 1 and also talked
11 about the (inaudible) that there had been actuation of
12 the emergency core cooling system due to high
13 containment pressure.

14 So we wanted to try to -- we were
15 interested in knowing if that was correct.

16 MR. MAMISH: We will follow up on that
17 statement. We are not aware of that.

18 MR. SNODDERLY: And also, Commissioner
19 Apostolakis has asked me to follow up with -- and
20 again we understand this is a very fluid situation and
21 this isn't a turnaround, but he was just curious
22 whether they had exceeded their design basis
23 earthquake, in other words whether it exceeded the
24 (inaudible).

25 MR. MAMISH: We don't have that

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1 information either, but we can certainly ask back
2 through channels.

3 MR. SNODDERLY: Thank you very much. And
4 also the TEPCO site did confirm also that there had
5 been evacuations (inaudible) three kilometers.

6 MR. MAMISH: Right. We did get that
7 information.

8 MALE PARTICIPANT: Any other international
9 activity -- we are coordinating with the IAEA. The
10 IAEA sent out a cable that came out on -- well, not
11 the IAEA but Ambassador Davies sent out a cable that
12 talked about the status of the IAEA with respect to
13 response to the Japanese earthquake, and so we are
14 continuing to coordinate with our folks in Vienna and
15 with the IAEA.

16 MS. HOWELL: Mike, can I get some
17 clarification that you said that the federal
18 government had received a request from Japan for
19 assistance but we, the NRC, had not. Is that correct?

20 MR. MCDERMOTT: This is Brian McDermott.
21 Actually, the request Mike was referencing is we have
22 an unconfirmed at this point report that the Japanese
23 ambassador has requested support from the Navy,
24 specifically the USS Ronald Reagan, but that is as
25 much as we have heard about that request.

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1 MS. HOWELL: Okay. That's helpful. Thank
2 you.

3 MR. MCDERMOTT: What I can tell you about
4 the rest of the federal government, I think
5 Administrator Fugate at FEMA was definitely wanting to
6 have FEMA stood up and ready for any impact on the
7 United States.

8 Earlier today they had activated the two
9 FEMA regional response coordination centers that would
10 deal with the west coast in the potential area of
11 impact and staffed those facilities.

12 They also fully staffed the National
13 Response Coordination Center, which includes support
14 for the 15 emergency support functions that represent
15 different sectors of our economy and response.

16 We are in the process of sending a liaison
17 down to the NRCT and we may gain some insights about
18 what is being requested of the federal government
19 through that channel.

20 But by protocol, official requests for
21 U.S. support should be coming in through the State
22 Department, and we would be hearing about it through
23 that channel. We are monitoring that, but at this time
24 we have no requests for technical assistance from the
25 NRC.

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1 The DHS National Operations Center was
2 activating what is called its crisis action team, and
3 that is a -- there's a standing body but then there is
4 also an expanded complement which includes actually
5 some NRC staff who will provide support.

6 They did not go into that expanded
7 activation of that group, and in fact we hear that
8 they are looking at standing down if things in the
9 U.S. continue to go as it appears at this point in
10 time.

11 And that is what we have for federal
12 coordination. We do have portions of a liaison team at
13 the headquarters operations center. They are working
14 with Region IV and then coordinating with our federal
15 partners, including the FEMA REPP, radiological
16 emergency preparedness program folks as well.

17 That's what we had for federal
18 coordination. Any questions on that before we ask for
19 an update from public affairs?

20 MALE PARTICIPANT: Brian, (inaudible)

21 MALE PARTICIPANT: It will go to the
22 national response coordination center.

23 MR. MCDERMOTT: That's FEMA's basically
24 main ops center. That's where all the real direction
25 if you will, to move assets, to tap departments and

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1 agencies to provide support, is funneled through that
2 center. Is there a question on the line for
3 coordination?

4 TAD: This is Tad Kappelman (phonetic).
5 I'd like to get back to the previous topic. As I
6 understand it, (inaudible) that are in question, they
7 are all at Fukushima Daiichi. The Fukushima Daini
8 reactors, there are four of them there, those are
9 fine, right?

10 MR. MAMISH: That's correct. But they are
11 also shut down, as far as we know.

12 TAD: Right. You all briefed about the
13 loss of feedwater. That was at unit 2.

14 MR. MAMISH: Correct.

15 TAD: Okay, now we have been getting --
16 some of us have been getting emails that OIP is
17 forwarding and the latest one talks about unit 1 at
18 that site having rising radiation levels and rising
19 containment pressure.

20 MR. MAMISH: I'm sorry, who are you
21 getting that from Tad?

22 TAD: Darren Saskowitch (phonetic).

23 MALE PARTICIPANT: We do have some
24 different reports and one thing to be cognizant of is
25 that there are two stations, so you will see things

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1 labeled as Fukushima 1, but that could refer to the
2 first station. It could be Daiichi instead of Daini.

3 And so there's a -- as we understand it
4 from the cable, the cable that came from the
5 ambassador, it's Fukushima one dash two, so that would
6 be Fukushima Daiichi, unit 2.

7 MALE PARTICIPANT: But that's the one that
8 has the loss of feed.

9 MALE PARTICIPANT: Right.

10 TAD or PAT: What's going on at Fukushima
11 Daiichi unit 1?

12 MALE PARTICIPANT: That's what we have to
13 track back Tad (or Pat, phonetic), we don't know.

14 PAT: Right, because we are getting the
15 indications that information that EDCTS (phonetic)
16 automatically started up and we have a reactor --
17 rising radiation levels at that unit, so it sounds to
18 me like at Fukushima Daiichi, there may be problems at
19 two units.

20 MR. MAMISH: I think that there is a
21 little bit of a translation -- we will go back and
22 chase it. But Daiichi in Japanese means one.

23 TAD: Correct. (Inaudible) Fukushima site
24 and then there is Fukushima Daini, because the
25 (inaudible) that's how you count in Japanese. That's

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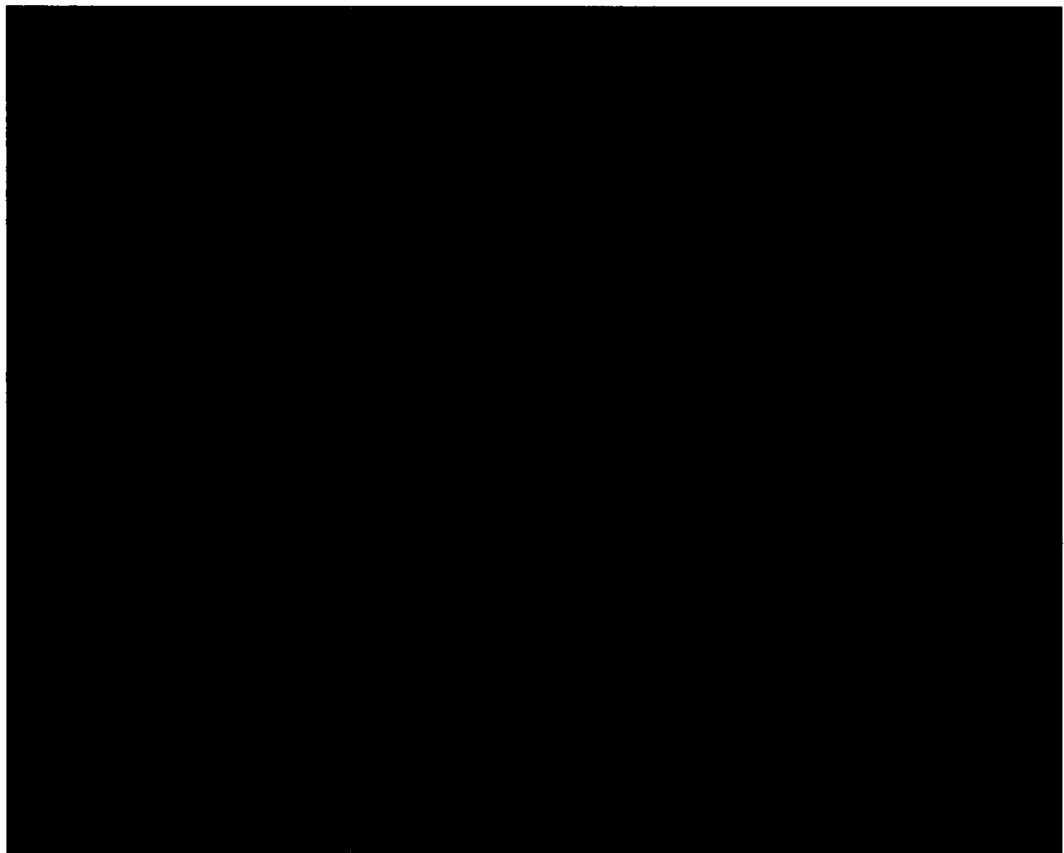
1 about all I know. (Inaudible) if you could make sure
2 that everything is clear because (inaudible).

3 The next question I have is regarding that
4 emergency (inaudible) emergency diesel. Has that been
5 hooked up and is that providing power?

6 MR. MAMISH: We don't know.

7 PAT: Okay. Thank you.

8 MS. TADESSE: Rebecca Tadesse from
9 Commissioner Magwood's office. Commissioner Magwood
10 wanted to know or get confirmation that (inaudible)
11 email, it says that the Air Force has delivered
12 coolant to the Fukushima number one plant. Is that
13 correct?



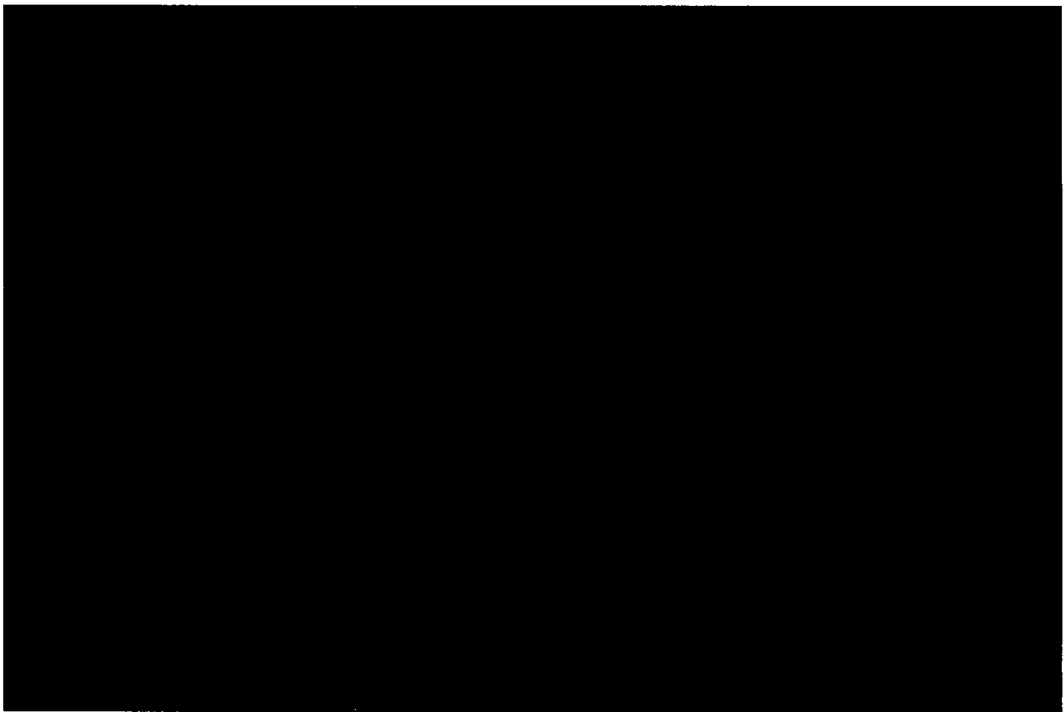
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MALE PARTICIPANT: She said it.

MR. BRENNER: And I will report back throughout the system here on whatever I find out. Now, I'll stay out of the way until it's time for me to tell what we are doing.

MALE PARTICIPANT: You're up.

MR. BRENNER: I'm up. Okay. You have seen what we have done. One press release. Some talking points. Going forward, it's my intention as we ramp down in Region IV to do another press release that sort of walks back from that particular position and shifts the focus to NRC leaders are meeting to determine what can -- how to respond, that we have not received a specific request for assistance but we would be prepared to do so.

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1 I am absolutely (inaudible) by requests
2 for people to go on television, which we are not at
3 the moment entertaining. It may be something we deal
4 with a little down the road. I'm pawning some of this
5 off to ANS (phonetic) and NAI (phonetic).

6 We have heard from every news agency under
7 the sun and then some. We have posted (inaudible) blog
8 and we will post a second one later.

9 As I circulate or as OPA circulates
10 talking points, (inaudible) two things. One, I would
11 appreciate it if these did not leave the building, and
12 two, that if anybody receives requests for interviews,
13 that you funnel them through public affairs.

14 And that's it in a nutshell.

15 MR. WEBER: Any questions for Eliot on
16 public communications?

17 MIKE: Mike, this is Mike Kranowitch.
18 (Phonetic). I just want to go back to where Pat was
19 before, quickly because we seem to be -- I don't think
20 we quite closed that out yet.

21 MR. WEBER: No we have not. We have to ask
22 those questions and get the official word back through
23 channels.

24 MIKE: Absolutely, and what I would like
25 to know, and to get at it is, our Japanese

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1 counterparts that are either here or that there is any
2 contact with, do we know whether any cooling is going
3 on for the unit that is in trouble at Fukushima,
4 whichever unit that may be?

5 MR. WEBER: You were breaking up Mike. Can
6 you ask that again?

7 MIKE: From our counterparts, Japanese
8 counterparts that are either here or we are in contact
9 with, do we have any confirmation that there's cooling
10 going on to the unit that is in trouble at Fukushima,
11 any kind of --

12 MR. MAMISH: No, we do not (inaudible)
13 here in the ops center earlier, the (inaudible) and
14 the information that I passed on earlier is the
15 information that was -- that we heard from our
16 Japanese counterparts.

17 MR. WEBER: But the information was
18 preliminary, and the individual who we spoke with was
19 also going off to confirm the information because the
20 reporting that they were getting over here was very
21 spotty from their counterparts.

22 MIKE: Okay.

23 MR. WEBER: They did tell us that they are
24 staffing up for a next shift, and certainly from the
25 seriousness with which we were communicating, it was

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1 evident that they were concerned and were taking
2 proper steps to make certain that they maintained
3 control of the plant.

4 MIKE: Okay. Fair enough. We will wait.

5 MR. WEBER: Okay. Any other questions on
6 public communications?

7 MALE PARTICIPANT: No.

8 MR. WEBER: Okay, well just to remind
9 everybody that you know, in an event like this we are
10 going to get a lot of preliminary information.
11 (Inaudible) these emails. We are continuing to monitor
12 that but at the same time we are trying to get some
13 confirmation on the information as it stands, without
14 being obtrusive to the Japanese regulator, who is
15 fully in charge of this event.

16 FEMALE PARTICIPANT: Is there going to be
17 (inaudible)?

18 MR. WEBER: Yes, I think what we would
19 probably do is wait until we get some more information
20 that we can provide you a meaningful update and then
21 we will schedule another call.

22 FEMALE PARTICIPANT: Thank you.

23 MR. WEBER: Any other questions?

24 CHARLIE: Hey Mike, it's Charlie. When
25 Chuck did his briefing, he didn't mention some of the

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1 U.S. possessions, like American Samoa or Guam or
2 Marshall Islands, and I know we have some licensees
3 there.

4 I am not sure if there's any category 1 or
5 2.

6 MR. CAIN: This is Chuck Cain. We do not
7 have any cat 1 or cat 2 licensees in those
8 possessions.

9 CHARLIE: Okay.

10 MR. CAIN: And we do have reports of very
11 little effect if (inaudible, probably "any") in terms
12 of tsunami effects.

13 CHARLIE: Thanks Chuck.

14 MR. WEBER: Okay, if that's it, thank you
15 everyone for doing the call. Headquarters, we are
16 going to separate the bridge now. Thank you.

17 (Conference call concludes at 11:02
18 a.m./05:59 a.m.)

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1 (CONFERENCE CALL INITIATED)

2 11:03 a.m./06:00 a.m.

3 MR. COLLINS: Hey Mike, I am just
4 thinking, it might be a good time for us to revisit
5 how we have shaped our response to this event. We are
6 envisioning Region IV licensees and U.S. licensees, no
7 effect from the tsunami.

8 But it sounds like, Mike, as best I can
9 tell from the limited information we have, there's
10 going to be a continuing issue associated with the
11 reactor in Japan, k that it looks like, until we hear
12 otherwise, could be in real trouble.

13 MR. WEBER: That's consistent with what we
14 are hearing here Elmo.

15 MR. COLLINS: Yes, so I would offer that
16 in terms of agency response mode, that we continue
17 with monitoring, but the focus is going to be -- the
18 need is going to arise from our ability to capture,
19 consolidate and disseminate information associated
20 with the status of the reactor in Japan, and then what
21 communication or assistance or whatever it is we need
22 to provide from an agency perspective, and
23 communication from an agency perspective.

24 MR. WEBER: Right. So you are thinking
25 Region IV would pull out and headquarters would retain

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1 the lead then for the international coordination,
2 communication and coordination function?

3 MR. COLLINS: Yes, that's a little unusual
4 since in monitoring mode, we typically -- it's driven
5 by an event at a U.S. licensee, one of our licensees.
6 So regions take the lead, always have had the lead --
7 take the lead if we are in the monitoring mode if we
8 don't have a need, we get out of the monitoring mode.

9 I'm just envisioning this looking a little
10 different. The problem, we still need to retain a
11 capability to assess and disseminate information or
12 even (inaudible) support as needed.

13 But it's not going to be a U.S. licensee
14 focus.

15 MR. WEBER: Right. And I think we have
16 done that in the past, and our procedures provide the
17 flexibility that NRC would be led in monitoring by
18 headquarters for this kind of an event.

19 MR. COLLINS: Yes, okay. Good.

20 MR. WEBER: So when do you anticipate
21 (inaudible) shutting down?

22 MR. COLLINS: Well, I'm not so much a --
23 leaving it at that or just -- I'm not sure that we
24 can't provide some element of assistance to you. What
25 we might need to retain, if anything, we would go back

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1 to a very low level of engagement, but we can
2 actually, if needed, keep our incident response
3 center.

4 I'm not sure what role we would perform.
5 If I'm just thinking Diablo Canyon, and any U.S.
6 licensees, it's evident they are going to be secure
7 from the unusual event. There's not going to be any
8 impact.

9 And that would typically be our decision
10 point to secure for monitoring mode.

11 MR. WEBER: Yes.

12 MR. COLLINS: I think we would have a
13 modified decision here that we are -- I don't know if
14 we are there or we might be, at any rate, we are very
15 close to saying we don't need active monitoring from
16 the Region IV incident response center. But it's the
17 transfer of the lead for the activities and monitoring
18 at the headquarters.

19 MR. WEBER: I see a lot of heads shaking
20 in the affirmative back here, Elmo.

21 MR. COLLINS: Okay.

22 MR. WEBER: Okay.

23 MR. COLLINS: We can get back to you and
24 we got a little time to let it play out a little bit
25 longer. But I am expecting within an hour or two we

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1 are going to hear something that is going to say we
2 don't actually have an active role for U.S. licensees.

3 MR. WEBER: Right. Sounds fine from here.

4 MR. COLLINS: Okay?

5 MR. WEBER: Thanks for all your help.

6 MR. COLLINS: Okay. We'll -- we'll keep
7 the bridge open and we will be in contact.

8 MR. WEBER: Okay, thanks.

9 MR. COLLINS: Just one other thought Mike.

10 MR. WEBER: Go ahead Elmo.

11 MR. COLLINS: Unless we get some really
12 good information that the (inaudible) reactor is not
13 in trouble, at some point we are going to need a
14 pretty wide-based briefing which would include Eric
15 and the regional administrator, I'm envisioning.

16 MR. WEBER: Right. So I think when we find
17 out something substantial then we committed to have
18 subsequent commissioner assistants briefs and they
19 would certainly include Eric and other office
20 directors and OCA, OPA, right? Is that what you had in
21 mind?

22 MR. COLLINS: Yes. Yes. I'm just -- it's
23 been a -- I can't eliminate that this is actually a
24 severe (phonetic) action and we obviously haven't had
25 one of those in a long time.

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1 MR. WEBER: I share your concern.

2 MR. COLLINS: Okay. I am going to sign off
3 and be in touch via Region IV (inaudible). We will be
4 communicating back as we think our role is needed and
5 what our recommendations are.

6 MR. WEBER: Okay. Sounds good Elmo. Thank
7 you.

8 MR. COLLINS: All right. Thank you. Troy,
9 can you give me a call separately?

10 MS. PRUETT: I'll do it right now.

11 MR. COLLINS: Thank you very much.

12 (Conference call concludes at 11:09
13 a.m./06:06 a.m.)

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1 (CONFERENCE CALL INITIATED)

2 11:09 a.m./06:06 a.m.

3 MR. MCGINTY: Josh, are you on the bridge?

4 JOSH: Yes, I'm here.

5 MR. MCGINTY: How can we help you?

6 JOSH: Well, I didn't want to interrupt. I
7 just had a couple of messages from the Chairman.

8 MR. MCGINTY: Okay.

9 JOSH: Do you want me to go?

10 MR. MCGINTY: Go ahead.

11 JOSH: Okay. The Chairman just, well a
12 couple of minutes ago, spoke with Secretary Chu. They
13 are engaged, as you saw the President mention in his
14 press conference.

15 The Chairman has forwarded the excellent
16 fact sheet that the staff there put together to the
17 Secretary, and the Secretary asked to keep that -- at
18 the staff level we keep Dr. Lyons in the loop --

19 MR. MCGINTY: Okay.

20 JOSH: on the information that we have and
21 that we know. So if we could please, going forward, as
22 we update the information that we have in that very
23 good fact sheet, if we could provide that to Dr. Lyons
24 and as well as our normal contacts with DOE.

25 The Secretary will probably be out

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1 speaking about this. He is going to say that we have,
2 you know, coordination with (inaudible) and
3 (inaudible)

4 MR. MCGINTY: Josh, are you still there?

5 JOSH: Yes, still here. Did you hear that
6 part? Okay. The Secretary will be saying they are in
7 coordination with us as he goes about saying things.

8 The two specific things that he had -- I
9 don't know how often we plan to update that fact
10 sheet, but if we could use that as our primary
11 communications vehicle. I don't know if there's any IP
12 (phonetic) folks in there, but maybe the emails going
13 around from Clarence, maybe we could sort of stop
14 those, now that we have a better communication vehicle
15 that has what we know as a regulator and from our
16 contacts and from our information.

17 So is that something you could convey to
18 IP or should --

19 MR. MCGINTY: We will -- I will discuss
20 that with Nader.

21 JOSH: Okay. So if we could hold off on
22 those and replace them with these very good fact sheet
23 information that we have, updated as often as needed,
24 and if Congressional Affairs could fill -- if you guys
25 are comfortable with Congressional Affairs, can get

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1 those to the Hill as well, as what we know.

2 MR. MCGINTY: Okay.

3 JOSH: And then I will follow up with
4 Eliot. I think (inaudible) and build it in the room,
5 but just to make sure we are in coordination with DOE
6 on what the messaging is.

7 MR. MCGINTY: Okay.

8 JOSH: And I think that was it. Does that
9 make sense? Any questions on those?

10 MR. MCGINTY: Makes sense from our
11 perspective.

12 JOSH: Great. Okay. Sorry to butt in.
13 Thank you.

14 MR. MCGINTY: Just so you are aware Josh,
15 one of the things we talked to Elmo about is the
16 danger zone has passed for the U.S. facilities and
17 material. It's likely that Region IV will stand down
18 from their role in leading the response to the U.S. --
19 for the U.S. plants.

20 JOSH: Got it.

21 MR. MCGINTY: And headquarters will remain
22 in the lead then for monitoring because of the
23 international communication and coordination function.

24 JOSH: Okay.

25 MR. MCGINTY: Okay?

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1 JOSH: So we would technically stay in
2 monitoring mode, or Region IV would exit?

3 MR. MCGINTY: When we make a response mode
4 change, we make that as an agency.

5 JOSH: Okay.

6 MR. MCGINTY: So, when we went into
7 monitoring this morning the NRC was in monitoring.

8 JOSH: Right.

9 MR. MCGINTY: Normally, it's the region
10 that leads in monitoring because we are responding to
11 an event at a specific plant or involving specific
12 materials. But we do have the flexibility under our
13 procedures to have a headquarters lead in monitoring,
14 because of situations like this, where the threat is
15 really not to a U.S. facility but it's something where
16 we as an agency are responding, communicating,
17 coordinating.

18 JOSH: Okay. So that would be consistent
19 with our procedures to remain in that status.

20 MR. MCGINTY: Right.

21 JOSH: Okay. I will pass that on Tim.

22 MR. MCGINTY: Okay. And were you on the
23 commissioner assistants brief?

24 JOSH: No, I had left towards the
25 beginning of it to come back over.

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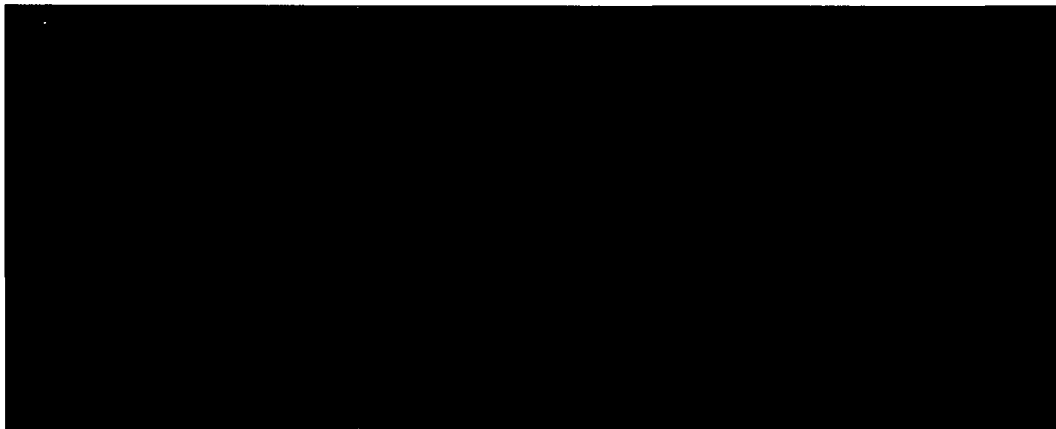
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1 MR. MCGINTY: Okay. Well, there seemed to
2 be some frustration on the part of some of the
3 commissioner offices that we don't know more about
4 what is going on at the Japanese facilities.



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11 JOSH: Okay. I will circle back with my
12 colleagues back here and I, you know, I think the
13 Chairman's direction was that we not overly interfere
14 with their activities, so I will make sure they get
15 that understanding as well, that we know what we know
16 but we are not going to -- the most important thing
17 for the Japanese nuclear plants right now is not
18 making sure the NRC knows what is going inside them.
19 It's for them to be able to address the challenges
20 that they are facing.

21 So I will convey that message more clearly
22 to my friends up here as well.

23 MR. MCGINTY: And for us to provide
24 whatever assistance they may need.

25 JOSH: Exactly. Exactly. Okay. Great.

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1 MR. MCGINTY: There is increasing
2 reporting on the news about the nuclear plant
3 emergency, small radiation leak possible, CNN.

4 JOSH: Yes, okay. And have we gotten the
5 fact sheet to them as well, to the commissioner
6 offices as well?

7 MALE PARTICIPANT: We'll get it to them.

8 JOSH: That might help a little bit too.
9 I'll let them know that you guys are going to send
10 them that as well. Okay great.

11 MALE PARTICIPANT: All right thanks.

12 JOSH: Thank you very much. Appreciate it.

13 MALE PARTICIPANT: Righto.

14 JOSH: Bye.

15 MALE PARTICIPANT: Bye-bye.

16 (Conference call concludes at 11:15
17 a.m./06:12 a.m.)

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1 (CONFERENCE CALL INITIATED)

2 11:15 a.m./06:12 a.m.

3 CHARLIE: Just got off the phone with Elmo
4 and they would like to have another ET level call at
5 1:30 central, 2:30 eastern. The purpose of that call
6 would be to talk about -- for simply shutting down and
7 headquarters taking the lead for monitoring, and in
8 the meantime, between now and then, Linda and her
9 staff would get with your staff and work out the
10 details behind the scenes as to what that -- what that
11 transition looks like and what actions that we might
12 transfer over to your guys.

13 MR. MCDERMOTT: Charlie, this is Brian
14 McDermott, I think that sounds reasonable. One thing
15 that, I don't know if you heard some of the other
16 conversations that were going on on this bridge with
17 the Chairman's staff, but they are encouraging us to
18 share our situation report with various entities and
19 we have primarily had that as an internal document at
20 this point in time.

21 The last version of that, from 1300
22 eastern time kind of wrote through what we thought was
23 going to happen, which we now know was the case, there
24 were no major impacts.

25 But we could probably use some help

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1 forwarding that for the situation as it is today,
2 recognizing that we only want to provide a high level
3 summary of U.S. facilities and that we have closely
4 monitored and that there has been no impact.

5 I think that would be helpful to have you
6 guys with the first-hand knowledge part of that
7 process.

8 MS. HOWELL: Sure, we can do that Brian.
9 What time is your next update?

10 MR. MCDERMOTT: We haven't scheduled it
11 yet.

12 MS. HOWELL: Okay, were they working -- I
13 was improvising (inaudible) on FEMA, are they working
14 from that one that said you know, Region IV facility
15 status, is that what they were using?

16 MR. MCDERMOTT: They used it as input and
17 then they merged it with input from international
18 programs and also the staff here.

19 MS. HOWELL: Okay. I'll give them another
20 update here in a little bit.

21 MALE PARTICIPANT: Yes, okay, I see what
22 it is Linda, it looks like yes, the status of NRC
23 agreement state facilities Region IV update current as
24 of 12:40 eastern standard time.

25 MS. HOWELL: Yes.

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1 MALE PARTICIPANT: Yes. So that piece, if
2 we could just kind of keep in mind the new audience,
3 the new broader audience to include Dr. Lyons over at
4 DOE, perhaps the Hill.

5 MS. HOWELL: Okay, got it. I will rework
6 it and forward a version on in a little bit to liaison
7 staff. I'll probably give a little bit of time just to
8 see if the (inaudible) clears their (inaudible), and
9 Brian, I'll give you a call separately to kind of
10 review how we move on forward, okay?

11 MALE PARTICIPANT: Okay.

12 MS. HOWELL: If that's all right with you.

13 MALE PARTICIPANT: But do you want to do
14 that with Tim McGinty and the liaison team?

15 MS. HOWELL: I can certainly do that.
16 There's an element -- site element to it which is why
17 I was going to suggest Brian, but I can do it both.

18 MALE PARTICIPANT: Okay. We have got Jane
19 Marshall here. Do you want to talk to her about that
20 aspect?

21 MS. HOWELL: Yes.

22 MALE PARTICIPANT: Thanks. Okay Troy?

23 MS. PRUETT: That sounds good to me.

24 MALE PARTICIPANT: All right.

25 MS. PRUETT: Thanks.

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MALE PARTICIPANT: Thank you.

(Conference call concludes at 11:18
a.m./06:15 a.m.)

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1 (CONFERENCE CALL INITIATED)

2 11:19 a.m./06:16 a.m.

3 MALE PARTICIPANT: We have got Tim McGinty
4 on behalf of the liaison team to give us an update.

5 MR. MCGINTY: Yes. (Inaudible) the
6 commissioners assistants brief the liaison came with
7 the action items that we are pursuing. ■ ■



14 So they are continuing on our behalf in
15 that regard. They understand how important that
16 (inaudible).

17 Secondly, I also took the action item to
18 determine whether any of the Japanese plants exceeded
19 their design basis earthquake value. That was
20 Commissioner Apostolakis and also a recognition that
21 (inaudible) so we will do our best to determine that
22 over the longer term.

23 MALE PARTICIPANT: Without distracting the
24 Japanese counterpart.

25 MR. MCGINTY: That is correct. And the

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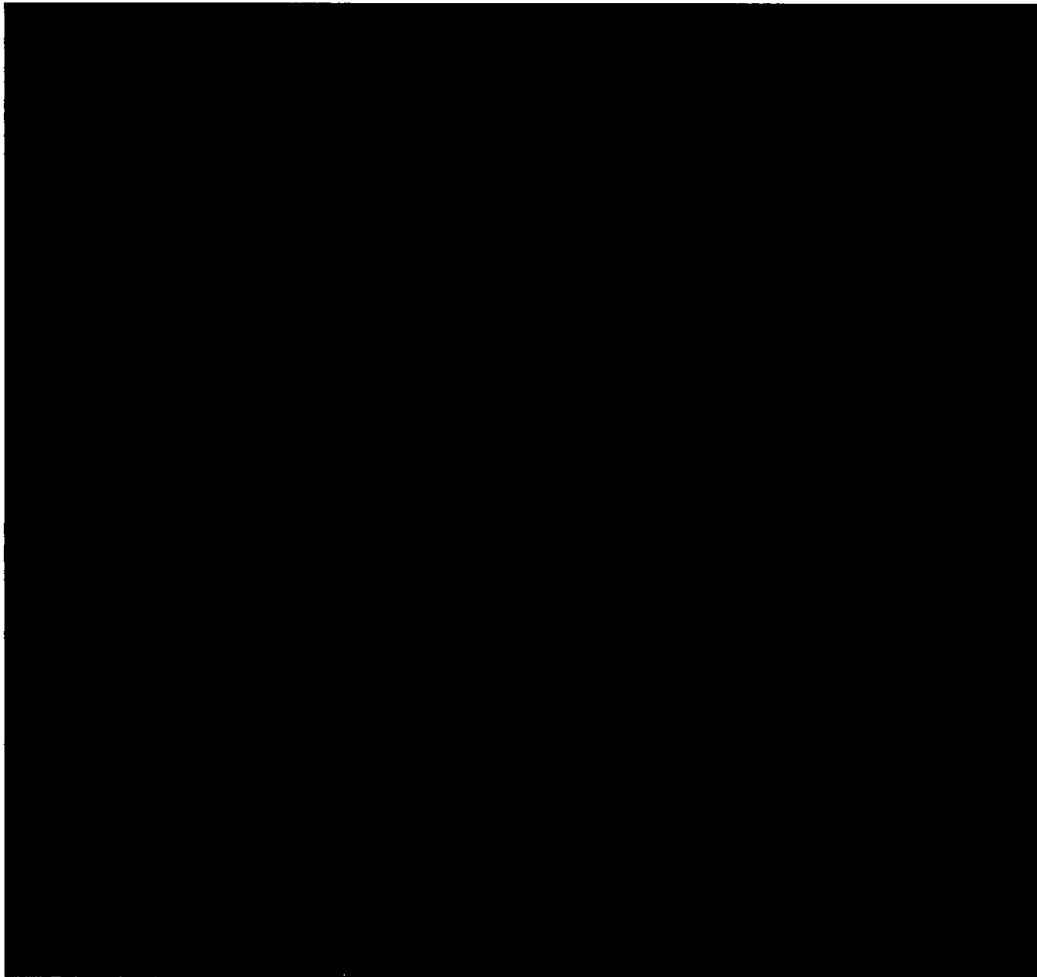
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1 third item was to request information regarding
2 Fukushima Daiichi unit 1 with respect to internet
3 reports or website reports (inaudible) containment
4 pressure, that we are trying through the international
5 counterpart, trying to get information (inaudible)
6 that.

7 I do have a request from Health and Human
8 Services that has come into the operations center,
9 requesting information with respect to the
10 tsunami/earthquake, if possible would like our
11 response (inaudible) 1500 eastern standard time.



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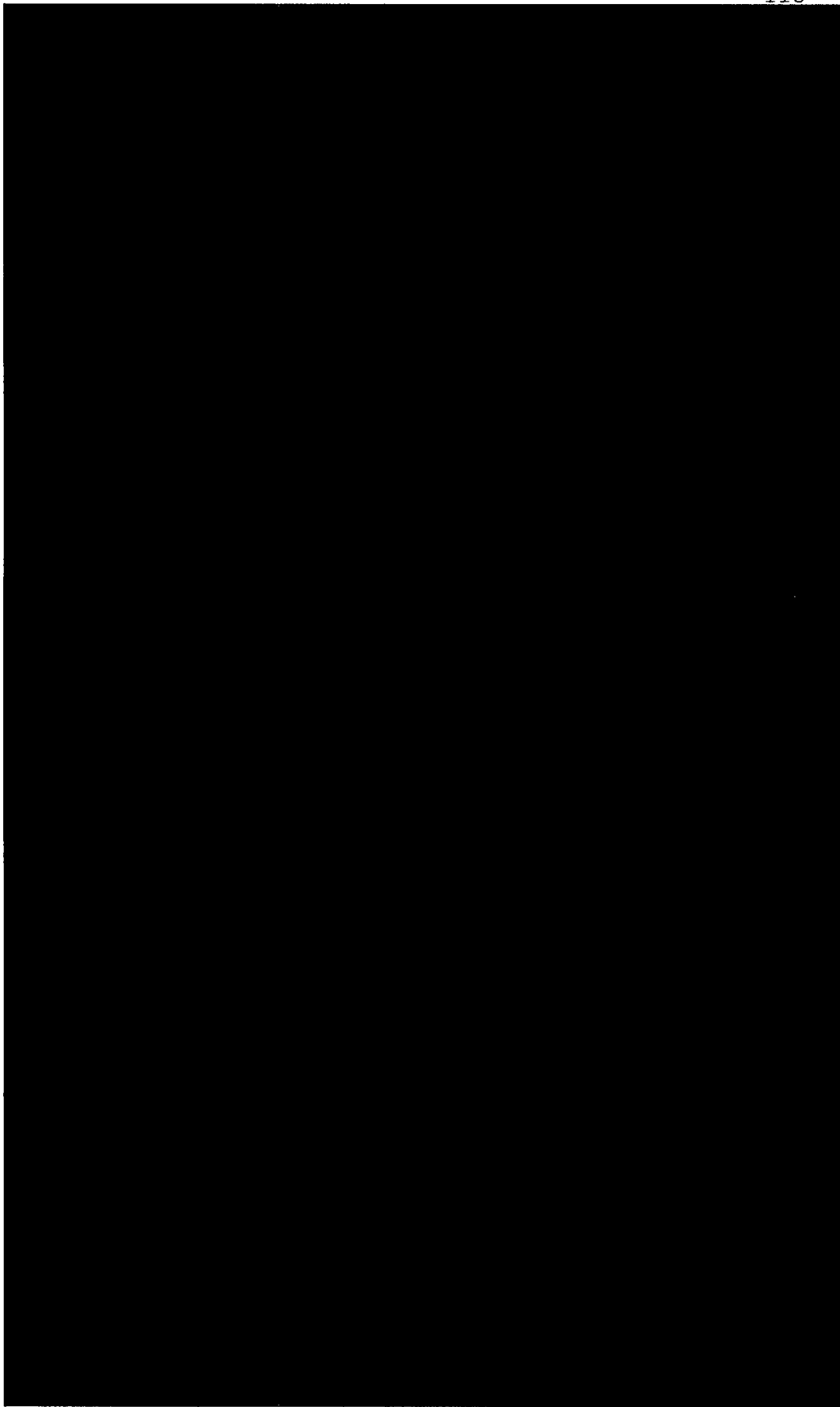
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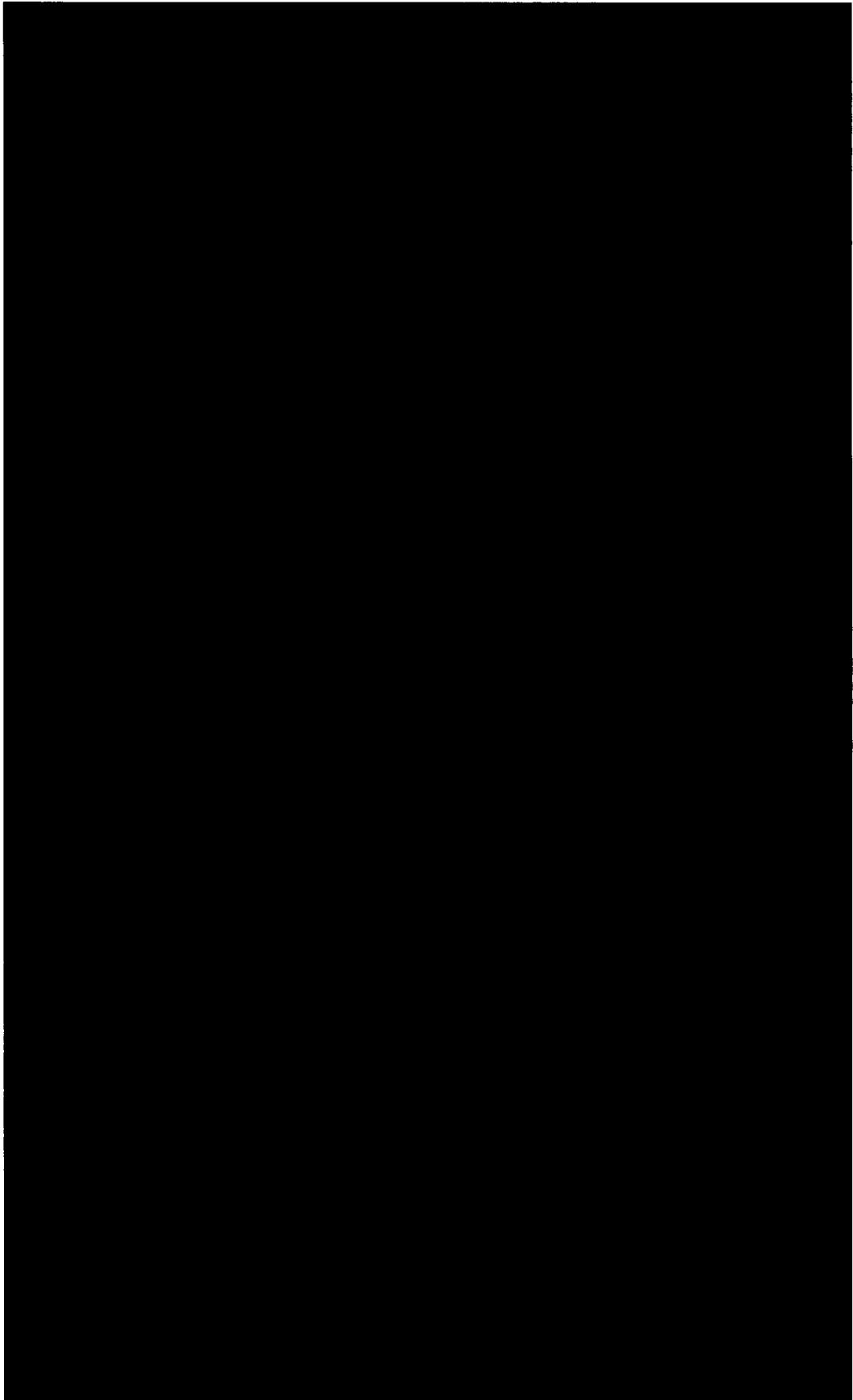
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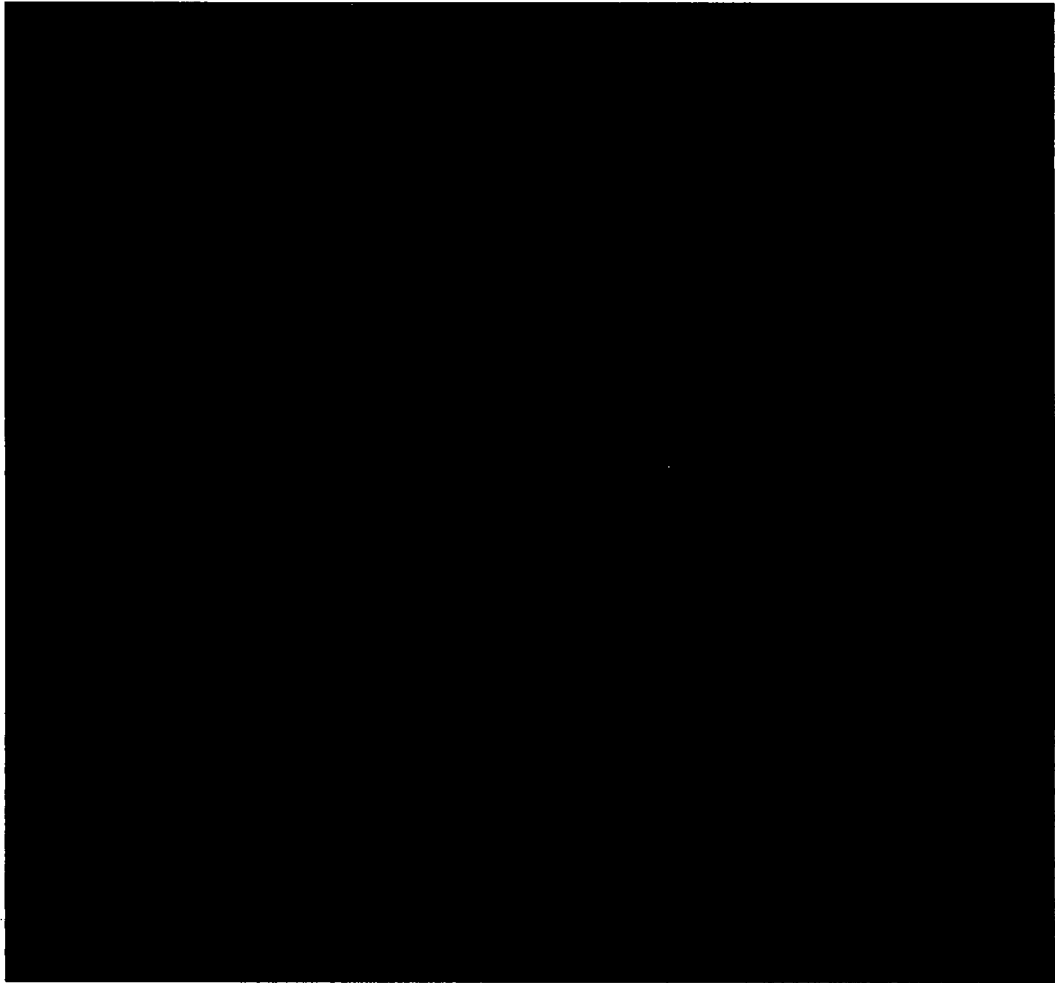
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MALE PARTICIPANT: I think we are over-
thinking the question. Have you got Trish Milligan? If
she can participate in the 3 o'clock call?

MALE PARTICIPANT: Okay.

(Inaudible, multiple speakers)

MALE PARTICIPANT: She is the back
channel, they were checking through that. We have got
Region IV on it.

MALE PARTICIPANT: And it's a hypothetical
as far as I am figuring out.

MALE PARTICIPANT: Okay. So we will reach

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1 out to Trish Milligan and confirm. I am also going to
2 get back to HHS and try to seek clarification on what
3 (inaudible).

4 MALE PARTICIPANT: Let Trish speak to --

5 MALE PARTICIPANT: Okay.

6 MALE PARTICIPANT: Yes, that would be my
7 suggestion. You have enough to do.

8 MALE PARTICIPANT: How did Trish get hold
9 of (inaudible)?

10 MALE PARTICIPANT: She just called Brian,
11 who handed the cell phone to (inaudible), somebody
12 from HHS that she worked with on KI.

13 MALE PARTICIPANT: Right. Any other news
14 from Region IV?

15 MALE PARTICIPANT: No other news. We did
16 have this TEPCO press release, which goes down for
17 each of the plants, Fukushima Daiichi and Fukushima
18 Daini, and it does indicate some level of concern with
19 both units 1 and 2.

20 Unit 3 appears okay, 4 okay, 5 okay, 6
21 okay. So if you haven't seen it --

22 MALE PARTICIPANT: I have not seen it. I
23 will make a copy of that.

24 MALE PARTICIPANT: Because that would
25 answer part of your question as you are trying to

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1 track down what is the status of (inaudible) one.

2 (Multiple speakers)

3 MALE PARTICIPANT: And we may get more in
4 from our Japanese (inaudible).

5 MALE PARTICIPANT: (Inaudible) safety
6 team, I did get a copy of a tabulated information that
7 I have on (inaudible) QA (inaudible) but it's not --

8 MALE PARTICIPANT: Oh, beautiful. This is
9 what I recall.

10 MALE PARTICIPANT: Okay.

11 MALE PARTICIPANT: We have one of those
12 for every plant in the country --

13 (Inaudible, multiple speakers)

14 MALE PARTICIPANT: that level of detail.
15 These are all the Region IV plants.

16 MALE PARTICIPANT: The Chairman wants it
17 available today. I would say the thing to do would be
18 to -- I don't know if (inaudible) for every plant in
19 the country but I can't rule it out either.

20 MALE PARTICIPANT: Just get it for Region
21 IV plants, and then if they want it for the other
22 plants ==

23 (Inaudible, multiple speakers)

24 MALE PARTICIPANT: I'll put these
25 (inaudible) and I'll make multiple copies. You want

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1 electronic do you think?

2 MALE PARTICIPANT: I would say that we
3 would want to ship it electronically to Josh.

4 MALE PARTICIPANT: All right.

5 MALE PARTICIPANT: And we would also give
6 it to Eliot and Bett Hayden (phonetic), Holly
7 Harrington.

8 MALE PARTICIPANT: Okay.

9 MALE PARTICIPANT: And is this OUO
10 (phonetic) information?

11 MALE PARTICIPANT: I guess we would call
12 this OUO. It's --

13 MALE PARTICIPANT: (Inaudible) SAR
14 (phonetic)?

15 MALE PARTICIPANT: These are out of their
16 emergency plans.

17 (Inaudible, multiple speakers)

18 MALE PARTICIPANT: -- make sure we are
19 protecting it --

20 (Inaudible, multiple speakers)

21 MALE PARTICIPANT: Understand, thank you
22 sir.

23 (Laughter)

24 MALE PARTICIPANT: Whatever you just said.

25 MALE PARTICIPANT: Well, if it's

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1 sensitive, we need to protect it --

2 MALE PARTICIPANT: I'll mark it OUO.

3 MALE PARTICIPANT: He was looking for you,
4 looking for Jack, (inaudible).

5 MALE PARTICIPANT: That's probably the
6 most expedient information I got.

7 (Inaudible, multiple speakers)

8 MALE PARTICIPANT: Information relative to
9 technical specifications or FSARs (phonetic) that are
10 referenced there (inaudible, multiple speakers)
11 there's a reference to a licensee (inaudible, multiple
12 speakers).

13 MALE PARTICIPANT: -- tsunami and more
14 information about the flooding. We can limit it to
15 that, but it's going to take a little more time.

16 (Inaudible, multiple speakers)

17 MALE PARTICIPANT: I think the question,
18 do we know what the origin (inaudible). If it is
19 sensitive then we need to protect it. If not --

20 MALE PARTICIPANT: I don't have the
21 (inaudible)

22 MALE PARTICIPANT: Who pulled it together?

23 MALE PARTICIPANT: This was pulled
24 together actually by the region as part of our
25 phenomenal (inaudible, multiple speakers)

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1 MALE PARTICIPANT: Troy, are you familiar
2 with -- hey, can we keep it down? Are you familiar
3 with the information that Rick is talking about?

4 (No response)

5 MALE PARTICIPANT: Region IV, are you
6 still there?

7 MS. PRUETT: Yes, go ahead.

8 MIKE: Sorry, I don't know if you were
9 listening in on the conversation, but we were asked by
10 the Chairman to provide information today with respect
11 to the design basis of the nuclear power plants so
12 that it could be used as a resource to answer
13 anticipated questions that may come from the media or
14 other sources over the weekend.

15 MS. PRUETT: Yes, so are you talking
16 tsunami or earthquake?

17 MIKE: Both.

18 MS. PRUETT: Okay, yes, we talked about
19 the tsunami a lot, but based on the information we
20 pulled up, it looked like this earthquake in Japan was
21 a 0.26 G and so in Diablo terms, their operating base
22 earthquake is 0.2, so they would have exceeded that at
23 about the plant's -- their double design earthquake,
24 which is -- safety grade system is 0.4, so they were
25 under that, this earthquake was.

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1 And then they also have an (inaudible)
2 earthquake limit, which is up in the 0.6 range, so
3 this earthquake was below that (inaudible).

4 MS. PRUETT: Mike, to answer your
5 question, we can pull some of that together, some of
6 the --

7 MIKE: Yes, I'm not asking you to do that.
8 I think we already have that information. It's in a
9 table that Rick recalls the region pulled together.

10 MS. PRUETT: Oh yes, we have those for
11 every plant.

12 MIKE: It was called the licensee natural
13 phenomena response requirements.

14 MS. PRUETT: Yes.

15 MIKE: The question is, is that sensitive
16 information, or is that publicly available
17 information.

18 MS. PRUETT: That's publicly available.

19 MIKE: Okay.

20 MS. PRUETT: That data is from the
21 (inaudible) It has been talked about in a number of
22 public meetings associated with the shoreline
23 (inaudible) analysis, the new earthquake (inaudible).

24 MIKE: That's the answer we needed. Thank
25 you very much. Okay, we are going to put you on mute

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1 here.

2 (Conference call concludes at 11:30

3 a.m./06:27 a.m.)

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1 (CONFERENCE CALL INITIATED)

2 11:31 a.m./06:28 a.m.

3 MR. COLLINS: Region IV, this is Elmo
4 Collins. Are you on the bridge?

5 MALE PARTICIPANT: We are here.

6 MALE PARTICIPANT: I don't know if
7 headquarters is back. There was a 15-minute delay.

8 MR. COLLINS: Yes, I guess they are
9 gathering -- I understand, some information from the
10 international community, so I am ready when the right
11 time comes. So is there anything else we need to
12 discuss before we just wait for the call?

13 MALE PARTICIPANT: They were experiencing
14 quite a bit of wave action along the coastline near
15 Diablo Canyon and because of that, they -- initially
16 they were thinking they would back out of the tsunami
17 warning in about 10 minutes, but they are not going to
18 do that. It looks like they are going to leave it in
19 place until at least midnight Pacific time.

20 MR. COLLINS: Can you describe what wave
21 action you are referring to?

22 MALE PARTICIPANT: Well, it was in the
23 coastal harbor areas, it was enough to capsize some
24 boats that were in the harbor or pull them up off
25 their moorings or have them break free of their

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1 moorings and things of that kind -- but --

2 FEMALE PARTICIPANT: That was at Morrow
3 Bay.

4 MALE PARTICIPANT: At Morrow Bay.

5 MALE PARTICIPANT: And Santa Cruz.

6 MALE PARTICIPANT: Santa Cruz, but there's
7 no impact at Diablo Canyon.

8 MR. COLLINS: Okay. And the buoy at Diablo
9 Canyon? We still getting data from that?

10 MALE PARTICIPANT: Yes, they showed me a
11 plot a while back. It wasn't -- the wave height
12 changes were not that significant but let me see if
13 Geoff has a current perspective on that. Here he
14 comes.

15 Geoff, that harbor buoy that we were
16 getting the outsurge and the insurge on, what is that
17 showing?

18 MR. MILLER: They are still there at the
19 site, and it's been more of that three feet (phonetic)
20 that we have been recording that. We haven't seen any
21 of the additional waves that they said they heard at
22 Santa Cruz and Morrow Bay.

23 MALE PARTICIPANT: Okay.

24 MR. MILLER: They are evaluating right now
25 whether they need to pull people from the intake

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1 structure again.

2 MALE PARTICIPANT: Did you hear that Elmo?

3 MR. COLLINS: I didn't catch that last
4 part again Geoff. Would you say that again?

5 MR. MILLER: That part, they had
6 previously withdrawn all personnel from the intake
7 structure and after it appeared that the worst of it
8 had passed they restaffed and returned the security
9 personnel and operators to the intake structure, and
10 they are looking now, based on the new information of
11 the higher waves at Santa Cruz and at Morrow Bay,
12 whether they need to pull them back again.

13 MR. COLLINS: Okay, interesting. I guess
14 experts tell us this could go on for an hour or two or
15 three.

16 MALE PARTICIPANT: Yes, well they are
17 talking about holding that warning open until
18 midnight.

19 MR. COLLINS: Local time.

20 MALE PARTICIPANT: Local time.

21 MR. COLLINS: Yes, and I guess there's
22 been some aftershocks that I presume have the prospect
23 of creating more tsunami prospects, I don't know. But
24 I would expect that --

25 MALE PARTICIPANT: Okay. But I still think

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1 we are in a good spot with -- we haven't seen any
2 impacts to the plant --

3 MR. COLLINS: Yes.

4 MALE PARTICIPANT: and the surge level is
5 still in that three-foot range irrespective of the
6 wave action locally.

7 MR. COLLINS: Yes. Okay good. Any info you
8 all have, or have you heard from international
9 (inaudible)?

10 MS. HOWELL: No, the liaison team is still
11 working to pull some information Elmo, so there's
12 nothing new that we know beyond our last call.

13 MR. COLLINS: Okay.

14 MS. HOWELL: Now, they -- by the next one
15 you may have an update, I don't know.

16 MR. COLLINS: Yes. I think it will be
17 interesting.

18 MS. HOWELL: One other thing Elmo is that
19 they have had some potential damage to telephone
20 communication lines in Japan, (inaudible) it may
21 become more difficult to get information back and
22 forth.

23 MR. WEBER: Region IV.

24 MR. COLLINS: Region IV is on.

25 MR. WEBER: I apologize for that delay. We

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1 had -- our Japanese visitors were here and popped in
2 to give us at least their personal thoughts on the
3 seismic issue. No information really about the status
4 of the reactor (inaudible).

5 MR. COLLINS: Okay.

6 MR. WEBER: We are just circling back with
7 you. I understand that you wanted to have a discussion
8 about (inaudible) down in Region IV?

9 MR. COLLINS: Yes, this is Elmo, I would
10 offer that what we want to do is talk about how to
11 shape the agency's response moving forward.

12 MR. WEBER: Okay.

13 MR. COLLINS: I believe we envision Region
14 IV's role specifically with respect to U.S. licensees
15 becoming diminished, maybe non-existent. But we -- I
16 would offer, the agency probably still has a role and
17 a need to stay in the monitoring mode.

18 MR. WEBER: Right.

19 MR. COLLINS: Okay.

20 MR. WEBER: Have the waves passed now
21 Diablo?

22 MALE PARTICIPANT: Yes, at Diablo they are
23 getting fluctuations in wave height in the local
24 coastal areas there, but nothing that exceeded the
25 anticipated surge at the plant itself.

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1 So that three-foot number is still a good
2 one for Diablo.

3 MR. WEBER: Okay, so nothing has surfaced
4 that would cause us to rethink where we are and --

5 MALE PARTICIPANT: Yes, that's right. If
6 you look on TV you will see a lot of footage showing
7 wave action in some of the harbors that are away from
8 the plant, capsizing boats and that kind of stuff.

9 But there has been no plant impact other
10 than that three-foot surge volume.

11 MR. WEBER: Okay. So Elmo you are going to
12 secure your IRC and --

13 MR. COLLINS: Well, yes, and let's
14 elaborate on that point a little bit. So I'm going to
15 ask Troy and Linda to describe what we offer as to
16 what would be the right role for us in support.

17 MS. HOWELL: Okay, I have talked to Jane
18 Marshall, Mike, about maintaining some level of
19 cognizance of what is going on, and I guess what we
20 have discussed and would propose is that not seeing
21 any additional impacts at Diablo Canyon or anything
22 outside of the current projections, that we could
23 stand down here in Region IV but maintain a level of
24 cognizance on the international perspective, and
25 probably identify someone to join in any briefing

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1 throughout the evening and be able to get back to Elmo
2 if there were continual developments at the Japanese
3 plants, that he might have a level of interest in.

4 And what we could do is just give the HOOs
5 that individual's name and contact information and
6 they would just join in on any scheduled briefings
7 during the evening.

8 I guess they had some thought there at
9 headquarters about bringing some additional folks in
10 to continue monitoring on the international front.

11 MALE PARTICIPANT: That's correct.

12 MR. COLLINS: Yes, Mike, this is Elmo. I
13 would add just a small elaboration on what Linda said.
14 Part of the reason we want to do this is to stay
15 cognizant with respect to our alternate site
16 responsibilities.

17 MR. WEBER: Yes, I think that's fine. It's
18 your call. You know, we have the standard duty officer
19 capability and we know how to track people down out
20 there, but if you want to make a special arrangement
21 for having somebody designated as the point of
22 contact, we can certainly work with that back here.

23 MR. COLLINS: Yes, good. I think that
24 would be appropriate for what I perceive as the level
25 of interest in what is going on.

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1 MR. WEBER: Okay.

2 MALE PARTICIPANT: (Inaudible) capacity
3 (inaudible)

4 MS. HOWELL: Yes, I guess we will use me
5 Mike.

6 MALE PARTICIPANT: How long?

7 (Laughter)

8 MALE PARTICIPANT: We can't (phonetic,
9 possibly "can") do it for another 24, 48 hours.

10 (Laughter)

11 MR. WEBER: You are the energizer bunny.

12 (Laughter)

13 MS. HOWELL: And then I guess the other
14 thing is we talked about earlier, I will update the
15 plant status sheet that we have providing and forward
16 updates of that to the liaison team (inaudible)
17 forward.

18 MR. MCDERMOTT: Thanks Linda. This is
19 Brian. Just so you know, there was a press to get that
20 out so what we did was we kind of did a little bit of
21 a slightly redacted version of the one that went out
22 earlier, just to eliminate questions that were raised
23 that they knew were not an issue and some forth, and
24 provided that to some of the external stakeholders.

25 But the sooner that we get an updated

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1 version out the better.

2 MS. HOWELL: I will work with Tim and his
3 group to get a copy of that and then add on anything
4 that we need to add on to bring that up to current
5 status.

6 MR. WEBER: Thank you. Have you all
7 completed your turnover? I know you were working that
8 offline, I guess with Tim and also with Jane.

9 MS. HOWELL: I did with Jane. Tim was
10 briefing as we were talking so I will reach back to
11 him right after this phone call.

12 MR. WEBER: Okay. Are there specific
13 things that we ought to be focused on as we complete
14 this transition from your perspective?

15 MALE PARTICIPANT: The only thing that --
16 there was only two open things that I can think of. We
17 get the residents are still on their specific
18 counterpart link and we will have them drop off that
19 link, and then any plant issues will be communicated
20 back to the branch chief through our normal way of
21 doing business.

22 And then there's a -- you know we issued a
23 PEN (phonetic) and then once, according to the
24 guidance we have, the final PEN would be issued to
25 note the disposition of the NRC response.

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1 So our thinking is that we would probably
2 update that PEN during the business day on Monday, the
3 region would do that and the project branch would have
4 the lead for taking care of that.

5 MR. WEBER: So you would be doing that
6 later today or are you thinking about doing that on
7 Monday?

8 MALE PARTICIPANT: Doing that on Monday.

9 MR. WEBER: Okay.

10 MALE PARTICIPANT: Yes, because there is
11 no change to plant status and they expect to stay in
12 the tsunami warning condition at least until midnight
13 today.

14 MALE PARTICIPANT: Okay. I would just put
15 a point on the idea of needing to provide updates to
16 some of the Congressional stakeholders. We have had
17 inquiries from one, two, three, four -- four offices
18 directly and then one from the appropriations
19 committee.

20 MALE PARTICIPANT: Congressional offices.

21 MALE PARTICIPANT: Yes, Congressional
22 offices. So we are going to be talking here shortly
23 about what staffing we need to maintain over the
24 evening.

25 MR. WEBER: You might anticipate questions

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1 that could evolve during the weekend regarding the
2 design basis for U.S. facilities, and if you had an
3 earthquake of this magnitude, is that within the
4 design basis, is the tsunami within the design basis.

5 I don't think we need to answer the
6 question beyond what we have in that nice summary
7 table that we have, but there may be a need to reach
8 back at some point to get some specific question
9 answered.

10 MALE PARTICIPANT: Okay.

11 MR. COLLINS: Yes, that's -- and we would
12 support that Mike.

13 MR. HOWELL: Yes Mike, this is Art, we
14 also have the same, similar table for San Onofre and
15 we also have information on the INSTIC (phonetic) at
16 Humboldt Bay has nine criteria.

17 MR. WEBER: Okay. All right.

18 MR. MCDERMOTT: And you may know -- this
19 is Brian again -- and you may know better than we do
20 because OPA is operating out of their normal offices
21 so they are not actually right here with us.

22 I don't know if they are looking for
23 support on anticipated questions for the media along
24 that line, written at a higher level, but maybe your
25 public affairs officer could engage them just to see

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1 that -- to get what they need.

2 MALE PARTICIPANT: Yes, she has been doing
3 that all along.

4 MR. MCDERMOTT: Okay, thank you.

5 MR. WEBER: Okay, anything else you need
6 from us?

7 MR. COLLINS: Yes, Mike, this is Elmo.
8 Just a couple of thoughts. One, it seems to me we --
9 and maybe you have more info than I do -- but we are a
10 ways away from knowing whether or not there's a severe
11 incident at this Japanese facility.

12 So it -- in this day and time, you know,
13 with communication, and if there were to be an
14 accident anywhere in the world, you know, we would
15 need to be ready to respond accordingly, at the risk
16 of stating the obvious.

17 And you know, I am getting some sense that
18 other sites and nuclear plant executives are getting
19 questions and interactions from reporters as well, so
20 there's a high level of interest.

21 MR. WEBER: Any ideas on whether we have a
22 need (phonetic) to play in fulfilling that interest or
23 it's just an awareness?

24 MR. COLLINS: Well we have a -- right now
25 it's at least an awareness. We have a press release

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1 out indicating what we have done, where we are at in
2 our response. I think it's going to hinge on, Mike,
3 what's really going on with this reactor in Japan.

4 MR. WEBER: Yes, the latest info that we
5 have suggests that there's two units in trouble.

6 MR. COLLINS: Okay.

7 MR. WEBER: And that's based on a press
8 release from Tokyo Electric Power Company.

9 MR. COLLINS: Okay. Just at the risk of
10 belaboring it, these station blackout scenarios at a
11 boiling water reactor, is that what we are dealing
12 with?

13 MR. WEBER: Yes.

14 MALE PARTICIPANT: Yes.

15 MR. WEBER: One with an ISO condenser and
16 one with RICK-TSY (phonetic).

17 MR. COLLINS: I got it. And so what that
18 means is the report we heard where they had to vent
19 (phonetic) what I presume is the containment, makes a
20 lot of sense. That's several hours into the event, I
21 think that's where you would find yourself.

22 MALE PARTICIPANT: That's what we were
23 thinking as well, Elmo. One thing, I am just talking
24 out loud, one of the things that we know from dealing
25 with NEI, INPO and EFRI on their plans for response,

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1 is that NEI was going to take the lead for the
2 communication piece on the industry side as opposed to
3 any of those other organizations weighing in.

4 So one of the things we could do when we
5 get more folks in here is start looking at what is NEI
6 putting out and you know, hopefully they are focused
7 on this. I can't imagine they wouldn't be at this
8 point. But we might touch base with them.

9 MR. COLLINS: Good. I appreciate that. How
10 are we communicating with INPO?

11 MR. MAMISH: What communication Elmo?

12 MR. COLLINS: I'm sorry, what?

13 MR. MAMISH: What information are you
14 referring to, international or domestic?

15 MR. COLLINS: Well, it's international,
16 but INPO gets some information.

17 MALE PARTICIPANT: Well, INPO gets info
18 from WANO.

19 MR. COLLINS: Right.

20 MALE PARTICIPANT: And to my knowledge, we
21 haven't interacted with either organization in
22 response to this incident.

23 MR. COLLINS: I guess that would be
24 something to keep in the back of our minds.

25 MALE PARTICIPANT: Yes. In terms of those

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1 roles and the different industry organizations I
2 mentioned, INPO's role as they have structured it, is
3 to actually act as a clearinghouse, so for physical
4 equipment and hardware type things that they might
5 need in this country.

6 I am not aware of any agreement where they
7 would be providing that internationally.

8 MALE PARTICIPANT: But certainly in an
9 emergency, if the operator decided they needed help,
10 expert advice, they can certainly reach out --

11 MR. COLLINS: Right, it's a resource.

12 MALE PARTICIPANT: and if they reach back
13 to us, we would connect them with the right folks at
14 INPO and NEI.

15 MR. COLLINS: Right. That's right. Yes.
16 Okay.

17 MALE PARTICIPANT: We have heard no
18 questions Elmo, from Japan at this point in terms of
19 requests for resources coming through the State
20 Department or, you know, to NRC directly even, other
21 than that one request.

22 MR. COLLINS: There have been some really
23 bizarre reports, what I have seen on TV, you know
24 things like the Air Force is bringing in special
25 coolant material. Have you all heard that stuff?

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1 MALE PARTICIPANT: [REDACTED]

2 [REDACTED]

3 [REDACTED]

4 [REDACTED]

5 [REDACTED]

6 [REDACTED]

7 So something may have gotten lost in

8 translation somewhere.

9 MR. COLLINS: Yes, well, apparently, I

10 would offer, but --

11 (Laughter)

12 MR. COLLINS: Okay, good.

13 MALE PARTICIPANT: Thank you very much for

14 the excellent support, Region IV.

15 MR. COLLINS: Yes, and we are ready and we

16 will do whatever we need to do. So --

17 MALE PARTICIPANT: And we know that to be

18 true.

19 MALE PARTICIPANT: So Mike, in about, what

20 do you want to call it, 15:05, you guys took the lead

21 for monitoring?

22 MR. WEBER: That sounds fine.

23 MALE PARTICIPANT: Okay.

24 MR. WEBER: Thank you very much.

25 MR. COLLINS: Okay Mike. Thank you.

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MR. WEBER: Thank you.

(Conference call concludes at 11:51
a.m./06:48 a.m.)

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1 (CONFERENCE CALL INITIATED)

2 11:51 a.m./06:48 a.m.

3 MS. HARRINGTON: Hello, how are you.

4 MALE PARTICIPANT: Good, how are you?

5 MS. HARRINGTON: I am fine. I need to pass
6 on to you, I can hear my echo, a request that we have
7 gotten from USAID.

8 MALE PARTICIPANT: Okay.

9 MS. HARRINGTON: Evidently they have been
10 asked to put together a potential group of federal
11 government staff who might be deployed to Japan if the
12 U.S. government is asked to help.

13 So you can see there were lots of caveats
14 in there. So they were calling, I guess, the public
15 affairs office because they didn't know who else to
16 call, wanting to know what personnel and expertise the
17 NRC might be able to offer as part of this potential
18 group.

19 So I have a name and a phone number.

20 MALE PARTICIPANT: Okay.

21 MS. HARRINGTON: The contact person is
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1 MS. HARRINGTON: Correct, and this is
2 USAID.

3 MALE PARTICIPANT: Okay.

4 MS. HARRINGTON: All-righty?

5 MALE PARTICIPANT: Liaison is all over it.

6 MS. HARRINGTON: Thank you.

7 MALE PARTICIPANT: Thank you.

8 MS. HARRINGTON: Bye-bye.

9 (Conference call concludes at 11:53
10 a.m./06:50 a.m.)

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1 (CONFERENCE CALL INITIATED)

2 11:54 a.m./06:51 a.m.

3 CHAIRMAN JACZKO: Hello?

4 MALE PARTICIPANT: Hello Chairman.

5 CHAIRMAN JACZKO: How are you?

6 MALE PARTICIPANT: Good. Did you get the
7 message from Patty? (Phonetic).

8 CHAIRMAN JACZKO: Yes.

9 MALE PARTICIPANT: We are being advised
10 through agency contacts that you can anticipate a
11 request to participate in the deputies committee
12 meeting at five o'clock today.

13 CHAIRMAN JACZKO: Okay.

14 MALE PARTICIPANT: And we would certainly
15 offer to give you a briefing of what we know, before
16 you head out.

17 CHAIRMAN JACZKO: What you are going to
18 need to do is you are going to need to have a book
19 ready for me that has all the information we need, and
20 so that is a status and update on our plants and then
21 information about all the facilities in Japan.

22 MALE PARTICIPANT: Okay, our plants are
23 all fine.

24 CHAIRMAN JACZKO: Okay. So if I am in that
25 room everyone is going to look to me to know what is

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1 going on at the Japanese plants. So in the next 25, 30
2 minutes we need to put all that together in something
3 that I can take with me down to a meeting at the White
4 House.

5 MALE PARTICIPANT: Okay.

6 CHAIRMAN JACZKO: And you know, where the
7 plants are, what they are, what types of designs,
8 whatever we know about them, what possible issues
9 there could be going on, and then I'll need somebody
10 with technical competence to go with me.

11 MALE PARTICIPANT: Okay.

12 CHAIRMAN JACZKO: And whoever you think is
13 the best person for that.

14 MALE PARTICIPANT: All right, we'll sort
15 that out here.

16 CHAIRMAN JACZKO: Good, now --

17 MALE PARTICIPANT: Are you going down by
18 vehicle or by metro?

19 CHAIRMAN JACZKO: Car.

20 MALE PARTICIPANT: Car. Okay.

21 CHAIRMAN JACZKO: And I recognize that
22 this is a lot to do in a very short period of time but
23 it is probably what we will have to do. And the other
24 thing, I also have a call to the State Department that
25 I need to return and again, it's from their office

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1 that deals with basically helping coordinate resources
2 we can provide or requests for resources.

3 So I just want to confirm with you that at
4 this point we do or do not have requests for
5 assistance from Japan.

6 MALE PARTICIPANT: We have not received a
7 request for NRC assistance from Japan.

8 CHAIRMAN JACZKO: Okay.

9 MALE PARTICIPANT: We have had a call with
10 HHS on the availability of potassium iodide if it were
11 to be necessary.

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1 (CONFERENCE CALL INITIATED.)

2 MALE PARTICIPANT: We have not received a
3 request for NRC assistance from Japan.

4 CHAIRMAN JACZKO: Okay.

5 MALE PARTICIPANT: We have had a call with
6 HHS on the availability of potassium iodine if it were
7 to be necessary.

8 CHAIRMAN JACZKO: Okay.

9 MALE PARTICIPANT: And we've answered that
10 call, but it does not appear that that's a very viable
11 approach.

12 CHAIRMAN JACZKO: Yeah, okay. Okay.

13 Do we have any other information? Is, is
14 the event escalating in Japan?

15 MALE PARTICIPANT: It appears to be so,
16 although we still have very limited information.

17 CHAIRMAN JACZKO: Okay.

18 MALE PARTICIPANT: And we're getting
19 information from a variety of sources.

20 CHAIRMAN JACZKO: Okay.

21 MALE PARTICIPANT: The most recent
22 information we got was from the IAEA, which suggested
23 that there's about 1.3 meters of water above Unit 1
24 joule.

25 CHAIRMAN JACZKO: Okay.

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1 MALE PARTICIPANT: And that's of concern.

2 CHAIRMAN JACZKO: If we can, put that in
3 the updates that you've been doing and get that out in
4 the next 10 minutes and get that out to the
5 distribution that we've been giving that to.

6 MALE PARTICIPANT: Okay. We will make
7 every attempt to do that.

8 Jack, let me confirm that --

9 Jack Ramsey just gave me information that
10 says it's the Deputy's VTC.

11 JACK RAMSEY: Yeah, Chairman, you're going
12 to -- we've been told that you're going to get an
13 invitation through your office to participate in the
14 Deputies Committee Video Teleconference.

15 CHAIRMAN JACZKO: Okay.

16 JACK RAMSEY: That's currently for 5:30.
17 Apparently, it's a bigger picture of Japan. It's not
18 anything specific to nuclear.

19 CHAIRMAN JACZKO: Okay. I tell you, but
20 they, they will look to me for the nuclear
21 information, so I'm still going to need to have that.

22 JACK RAMSEY: Right.

23 CHAIRMAN JACZKO: Okay. Good.

24 JACK RAMSEY: But that least saves us the
25 time from going downtown.

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1 CHAIRMAN JACZKO: Absolutely. It gives
2 you a little more time.

3 JACK RAMSEY: Yep.

4 CHAIRMAN JACZKO: But if we can get the
5 update out about what we know as credible information
6 about the level, you know, and, and then again, only
7 accurate information. But I think if you, if that's
8 from IAEA, we can trust that as accurate. And let's
9 get that out to, to the people that we've been
10 distributing the information to, as quickly as
11 possible.

12 JACK RAMSEY: Okay.

13 MALE PARTICIPANT: Chairman, your, your
14 request from HHS, or from the State Department, is
15 that USAID?

16 CHAIRMAN JACZKO: Yes, it is.

17 MALE PARTICIPANT: Okay. Is that the same
18 request that we've been responding to here?

19 CHAIRMAN JACZKO: I, I, I don't know.
20 It's a high-level phone call, so I'll, I'll, I'll let
21 you know after I have it.

22 MALE PARTICIPANT: Okay. What the, just
23 so you're aware, the issue we've been working with
24 here is, if we were requested to send NRC staff among
25 a group of government officials to Japan to provide

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1 support, what kind of support and people could we
2 provide for that function.

3 CHAIRMAN JACZKO: Got it. That's been in
4 the back of my mind, what they would likely ask.

5 MALE PARTICIPANT: Okay.

6 CHAIRMAN JACZKO: I'll let you know after
7 I have that call.

8 MALE PARTICIPANT: Okay.

9 CHAIRMAN JACZKO: Thanks, everybody.
10 Anybody else?

11 MALE PARTICIPANT: No. We will be over --
12 let's see -- the VTC will take place in the SCIF?

13 CHAIRMAN JACZKO: Yeah, let's give it in
14 the SCIF.

15 MALE PARTICIPANT: In 2 White Flint
16 (phon)?

17 CHAIRMAN JACZKO: No, 1, let's do it in 1.
18 It's better.

19 MALE PARTICIPANT: Yeah, I'm sorry, 1
20 White Flint.

21 CHAIRMAN JACZKO: Right.

22 MALE PARTICIPANT: So we'll have to get
23 that queued up too.

24 CHAIRMAN JACZKO: Okay, good. And again,
25 I think it's important for us to provide accurate

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1 information as timely as we can, and so, if you can,
2 continue with the updates as we get reliable and
3 accurate information.

4 MALE PARTICIPANT: Okay.

5 CHAIRMAN JACZKO: Okay, thanks everybody.

6 I appreciate it.

7 MALE PARTICIPANT: Thank you.

8 CHAIRMAN JACZKO: Sure.

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1 (CONFERENCE CALL INITIATED.)

2 JOHN MONNINGER: Hi, is Mike Weber there?
3 This is John Monninger from the Chairman's office.

4 MIKE WEBER: Hi, John.

5 JOHN MONNINGER: Hey, how are you doing?

6 MIKE WEBER: All right.

7 JOHN MONNINGER: Hey, I have Patty here,
8 and we want to try to see if everything's set for the
9 five o'clock.

10 MIKE WEBER: The five o'clock?

11 JOHN MONNINGER: There's going to be, I
12 guess, a call with the White House.

13 PATTY: I heard a VTC.

14 JOHN MONNINGER: A VTC.

15 MIKE WEBER: Yes, it's at 5:30, and we
16 believe it is. We have the SCIF ready to go starting
17 at five, in 1 White Flint in the second floor. And we
18 will be over at 5:15 to brief the Chairman, to give
19 him the last-minute updates before he has to do that
20 call. And Tony Ulses will be his technical expert to
21 provide support to him during the call.

22 We're also pulling together hard copies of
23 materials that he requested and also trying to put
24 them onto a CD so that they'll be available so that if
25 the Chairman wants to refer to them and use them in

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1 the broadcast, he can. Okay?

2 JOHN MONNINGER: Okay.

3 MIKE WEBER: Josh was over here a few
4 minutes ago and we gave him that rundown.

5 JOHN MONNINGER: Okay, we're just double-
6 checking.

7 MIKE WEBER: Okay. Do you know something
8 we don't know?

9 JOHN MONNINGER: Yeah, we just want to
10 make sure you give both sides of us the same story.

11 MIKE WEBER: Oh, okay. All right.

12 JOHN MONNINGER: All right.

13 MIKE WEBER: Also, it may be a little
14 confusing, but we've also arranged to do a
15 Commissioner Assistants call at five o'clock. Our,
16 our --

17 JOHN MONNINGER: Okay, I --

18 MIKE WEBER: Our assumption is the
19 Chairman already has that information, so he would
20 benefit from participating in that call.

21 JOHN MONNINGER: Yeah, and especially if
22 it's just Commissioner Assistants.

23 I'll, I'll note that if they did that,
24 the, blast didn't, like it previously did.

25 MIKE WEBER: Well, that's interesting.

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1 We'll check.

2 JOHN MONNINGER: Okay.

3 MIKE WEBER: Thanks.

4 JOHN MONNINGER: All right. Thanks.

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1 (CONFERENCE CALL INITIATED.)

2 MIKE WEBER: Hi, Mike.

3 MICHAEL SNODDERLY: Brian?

4 MIKE WEBER: Brian's not here, but we can
5 certainly look forward to your update on the status
6 from your perspective.

7 MICHAEL SNODDERLY: Okay. They're,
8 they're fully staffed here at, at the NRCC. They,
9 they also have a five o'clock briefing.

10 They are thinking about de-escalating.
11 They are in Level-I status right now, which is fully
12 staffed.

13 They are, word is that they are thinking
14 about de-escalating to a Level II or Level III and
15 basically dismembering everyone but emergency
16 personnel starting at six o'clock.

17 MIKE WEBER: Okay. Michael, are they
18 aware of the Deputies Committee video teleconference
19 at 1730?

20 MICHAEL SNODDERLY: Yes. They, they,
21 there is discussions that there is, is a physics call
22 at 1730.

23 MIKE WEBER: Yeah.

24 MICHAEL SNODDERLY: I have not been
25 invited to that. I, I did hear that we were having a

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1 five o'clock conference call. I have invited a DOE,
2 FEMA, and DHS official to sit in on that call with me
3 if that's okay.

4 MIKE WEBER: This is our Commissioner
5 Assistants call?

6 MICHAEL SNODDERLY: Yes. I was going to
7 tie into that and just listen.

8 MIKE WEBER: Oh, I thought you were
9 calling into your call at five o'clock.

10 MICHAEL SNODDERLY: No. I, I, I've been
11 listening to the ET bridge, and they said that
12 there'll be a five o'clock Commissioner Assistants
13 briefing.

14 MIKE WEBER: Right.

15 MICHAEL SNODDERLY: Is, is that something
16 that would be useful to, for other people to hear?

17 MIKE WEBER: Probably not.

18 MICHAEL SNODDERLY: Okay.

19 MIKE WEBER: I think the way we normally
20 do those, we don't have the other agencies on the
21 phone.

22 MICHAEL SNODDERLY: Okay.

23 MIKE WEBER: Is that your recollection,
24 Eric?

25 ERIC LEEDS: I think you're right.

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1 MICHAEL SNODDERLY: Yeah.

2 ERIC LEEDS: I think you're right.

3 JEFF: We typically talk to other agencies
4 from the liaison's team.

5 ERIC LEEDS: Yeah, right.

6 JEFF: Not from here.

7 MIKE WEBER: Jeff was saying we typically
8 have that conversation through the liaison team.

9 MICHAEL SNODDERLY: Right. This, this has
10 been getting questions on, what's the status of the
11 international reactor? Is there really going to be a
12 release? How serious is it? And I've, I've been
13 just, I've been repeating what's been given to me from
14 the press releases and the FIT reps that I've gotten.

15 MIKE WEBER: Right. Do you have, you have
16 the most recent FIT rep that includes the release from
17 the IAEA?

18 MICHAEL SNODDERLY: I do. I do. I'd be
19 using that language going forward.

20 MIKE WEBER: That's the best source of
21 information to use at this point.

22 MICHAEL SNODDERLY: Yes.

23 JEFF: The only advice I'd give is keep
24 attributing it to the IAEA.

25 MICHAEL SNODDERLY: Yep.

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1 MIKE WEBER: We are also reaching back to
2 them to find out if they have any updated information.

3 And we have a small reactor safety team here that's
4 been doing some what-if analysis --

5 MICHAEL SNODDERLY: Okay.

6 MIKE WEBER: -- so that we would have some
7 understanding if things were not improved. What might
8 the consequences be?

9 MICHAEL SNODDERLY: Right.

10 MIKE WEBER: You should be aware that our
11 team back here is increasingly concerned based on what
12 we know.

13 MICHAEL SNODDERLY: I, I, I can gather
14 that.

15 MIKE WEBER: Yeah. But, again, there may
16 be things that we don't know that would help mitigate
17 the situation.

18 MICHAEL SNODDERLY: That's correct. And
19 I'm trying not to speculate as, with, with my
20 counterparts down here.

21 MIKE WEBER: And I appreciate that.

22 MICHAEL SNODDERLY: I'm trying to quell
23 the confusion and give, give facts and state basically
24 how the reactor works. They're asking how this could
25 happen and why they would have to do certain things,

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1 and I'm explaining that, that portion of it. But I'm
2 not, I'm trying to dispel any, any speculation that
3 it's worse than it actually is.

4 MIKE WEBER: Okay. When, we're putting
5 together materials that the Chairman will use for the
6 call at 5:30. We should provide you with those same
7 materials.

8 MICHAEL SNODDERLY: I would appreciate
9 that.

10 MALE PARTICIPANT: Mike, if they give you
11 access to webmail, could you get ready to pull up
12 webmail?

13 MICHAEL SNODDERLY: I have, I have access
14 to my personal account and my NRC account.

15 MALE PARTICIPANT: Okay. And we'll, we'll
16 have them email you the information.

17 Yeah, are those folks ready to go, or?

18 MALE PARTICIPANT: It's going to be later.
19 He has a 5:15, 5:30 call.

20 MALE PARTICIPANT: All right. Right --

21 MALE PARTICIPANT: Yeah.

22 MALE PARTICIPANT: -- listen, we're still
23 working on this.

24 (Simultaneous conversation.)

25 MALE PARTICIPANT: Mike, are you --

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1 MIKE WEBER: What you missed before you
2 came in is that Mike said that they are thinking of
3 de-escalating the Level III to Level II at 1800, and
4 that would mean only emergency personnel would stay
5 behind at the NRCC.

6 That, to me, doesn't jive with the almost
7 concurrent Deputies Committee call because my guess
8 is, coming out of the Deputies Committee, there will
9 be a lot of action. But that's --

10 MALE PARTICIPANT: (Off mic).

11 MALE PARTICIPANT: What? Oh --

12 MALE PARTICIPANT: Ah, wow.

13 MIKE WEBER: Radiation a thousand times
14 normal at the plant.

15 MALE PARTICIPANT: Can we, can we -- is it
16 too late to get --

17 MIKE WEBER: Yeah, Mike, we're just
18 watching CNN.

19 MALE PARTICIPANT: Do you get volume? I
20 wonder which, if it's the same plant that we heard
21 about.

22 MIKE WEBER: Anything else for Mike here?

23 MALE PARTICIPANT: No. I guess --

24 MALE PARTICIPANT: (Off mic).

25 MIKE WEBER: We're going to de-escalate if

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1 they, if they -- well, if they stand down, I think we,
2 we de-escalate.

3 MALE PARTICIPANT: Right.

4 MIKE WEBER: Mike, I'd just ask you to
5 check back in with us one last time before you take
6 off, in case we get something different out of the
7 Deputies meeting. Okay?

8 MICHAEL SNODDERLY: I, I understand. I'm
9 going to stay around until a least six o'clock --

10 MIKE WEBER: Thank you.

11 MICHAEL SNODDERLY: -- and, and just
12 monitor the situation and ask questions.

13 I haven't received a lot of requests for
14 a, a, a briefing. A lot of the liaisons down here
15 wanted to tie into that five o'clock conference call
16 and just listen to the explanations and, and the
17 status that the NRC was going to give. Mr. Weber and
18 Mr. Leeds didn't feel that that was appropriate.

19 Is there another time where I could tie in
20 with, with a DOE, DHS, and FEMA liaison to receive a
21 briefing of, of that nature?

22 MALE PARTICIPANT: I, I think the liaison
23 team would, would take care of that.

24 MICHAEL SNODDERLY: Okay.

25 MALE PARTICIPANT: In fact, I'm going to

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1 email you the packages as we receive them from the
2 liaison team. We can also get somebody on the line in
3 there as well to, to help do the technical briefing
4 with the liaison team.

5 MICHAEL SNODDERLY: That, that, if we
6 could set something up like that, that would, that
7 would be especially appreciated down here, I think.

8 JEFF: Got it.

9 MIKE WEBER: Jeff, Jeff will be your point
10 of coordination for that.

11 MICHAEL SNODDERLY: All right. Good.

12 MIKE WEBER: Thank you, Michael.

13 MICHAEL SNODDERLY: All right. Thank you
14 guys.

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1 (CONFERENCE CALL INITIATED.)

2 JOHN MONNINGER: Hey, Michael? Brian?
3 This is John Monninger.

4 MIKE WEBER: Hi, John.

5 JOHN MONNINGER: Hey, we just asked around
6 some, and a few other people didn't get the blast call
7 that there is a five o'clock.

8 MIKE WEBER: Yeah, the, I'm told that
9 there was a hang-up in doing it, so we pushed that
10 call back to 5:30.

11 JOHN MONNINGER: That's fine. Okay.

12 MIKE WEBER: We wanted to give people
13 sufficient notice.

14 JOHN MONNINGER: Yeah. We, we didn't
15 mention anything to the other offices.

16 MIKE WEBER: All right.

17 JOHN MONNINGER: All right, thanks.

18 MIKE WEBER: Thank you.

19 JOHN MONNINGER: Bye-bye.

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1 (CONFERENCE CALL INITIATED.)

2 JOSH BASKIN: Hello, gentlemen. So
3 you're, you're going to do a, a TA call at 5:30
4 separate from the VTC?

5 MIKE WEBER: Correct.

6 BRIAN McDERMOTT: That's correct.

7 JOSH BASKIN: Okay. All right, great.

8 MIKE WEBER: Just to keep the offices, all
9 the, the staff and the Commission offices informed.

10 JOSH BASKIN: Okay, so, but two separate,
11 two separate things?

12 MIKE WEBER: Yes.

13 JOSH BASKIN: Okay, Great.

14 MIKE WEBER: Eric and Tony also have
15 dispatched to the SCIF, and they have --

16 JOSH BASKIN: I'm sorry. I, I didn't get
17 that.

18 MIKE WEBER: What's that?

19 JOSH BASKIN: Can you say again please?

20 MIKE WEBER: Eric and Tony Ulses, the
21 technical experts, have dispatched to the SCIF to
22 prepare to brief the Chairman at 5:15.

23 JOSH BASKIN: Perfect.

24 MIKE WEBER: And they should have with
25 them hard copies and digital copies of the materials

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1 that the Chairman may want to use if he chooses to do
2 so in briefing on the physics call.

3 JOSH BASKIN: Excellent. Great. That's
4 great. Thank you very much.

5 MIKE WEBER: Okay.

6 JOSH BASKIN: Okay, see you in a little
7 bit.

8 MIKE WEBER: Okay, thanks.
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1 (CONFERENCE CALL INITIATED.)

2 (Roster playback.)

3 BRIAN McDERMOTT: Okay, this Commissioner
4 Assistants Brief is to update you on the continuing
5 situation in northern Japan. We'll have two parts to
6 the update.

7 First, we'll hear from Nader Mamish on the
8 international situation, and then we'll, we'll
9 transition to Bill Ruland, who's got some information
10 relative to the work that's been done by the reactor
11 safety team.

12 I can tell you now that the, almost as we
13 speak here, that there is a deputies meeting being
14 called by the White House. Our chairman is
15 participating in that with support from Eric Leeds and
16 one of our reactor safety team experts. We're, we
17 understand that to be a call on the whole of Japan
18 event, not just the nuclear piece, but we've got some
19 information that was pulled together to support the
20 Chairman for that briefing.

21 And with that, we'll, we'll go to, to
22 Nader for the update on the international situation.

23 MR. MAMISH: Thanks, Brian.

24 For those of you that were not on the
25 earlier briefing, what we talked about, in a nutshell,

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1 was that the two units that were of concern were the
2 Fukushima Daiichi Units 1 and 2.

3 What we know at this point is that Unit 2
4 is, is having some issues. Specifically, the rad
5 levels appear to be a thousand times normal. We are
6 not quite certain whether that's inside containment or
7 outside containment. They're venting, and Unit 1
8 seems to be still covered with about three and a half
9 meters of water.

10 MALE PARTICIPANT: One, 1.3 meters.

11 NADER MAMISH: I'm sorry, 1.3 meters.

12 MALE PARTICIPANT: Unit 1.

13 NADER MAMISH: Thank you.

14 Unit 2 was the one with 3.4 meters --

15 MALE PARTICIPANT: Hours ago.

16 NADER MAMISH: -- hours ago.

17 So, at this point, Unit 2, again, is, is
18 the unit that's having issues, and we've confirmed
19 that with our Japanese counterparts.

20 I don't have anything else to report.
21 We'll take any questions you might have.

22 BRIAN McDERMOTT: Why don't we go to Bill
23 Ruland --

24 NADER MAMISH: Do you want to go to Bill?

25 BRIAN McDERMOTT: -- for an update for the

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1 reactor safety team.

2 We've asked Bill and his team to look at
3 the what-ifs -- if this plant behaves like the US
4 plants, similar design, based on what we know, limited
5 as it may be, what would we expect in this current
6 situation.

7 BILL RULAND: Right, and the information
8 I'm going to give you is going to be everything that -
9 - the information that we've seen in the press release
10 is consistent with the picture I'm going to draw.

11 Just a little, little technology
12 background. Unit 1 is BWR with an isolation
13 condenser. BWR 2 or 3 and Unit 2, which is really,
14 I'd say, the unit right now in the most serious
15 circumstance, is likely a three similar to Monticello,
16 and so it's got a risky system for reactor core
17 isolation cooling, and it's got a toric.

18 So, basically, the staff believes that DC
19 power is all that remains for both of the units, and
20 consistent with what we understand how an isolation
21 condenser would work, Unit 1 is not -- you know, they
22 haven't had to vent containment -- they're very likely
23 still cooling that core.

24 Unit 2, however, we believe, consistent
25 with the recent venting of the containment, we

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1 believe, as of five o'clock today, has been without AC
2 power for 14 hours. Based on the SORCA analysis that
3 we have done relative to the Peach Bottom plant, we
4 are now very likely -- if in fact AC power hasn't been
5 restored, it's very likely that the plant could be
6 experiencing core damage virtually as we speak.

7 It, it's likely, if this continues to
8 proceed without any mitigation, the earliest that we
9 would see significant releases could be as early as
10 midnight Eastern time. Evacuations, of course, have
11 been ordered, which would have been appropriate.

12 But, so, again, I'd like to emphasize that
13 this is what the staff believes is the worst-case
14 scenario, but, you know, that's tempered with, it's
15 completely consistent with the picture we've seen so
16 far.

17 MALE PARTICIPANT: Excuse me. Nader
18 Mamish, please push star-0. Joshua Baskin wants to
19 talk to you. Please -- star-0. Thank you.

20 JOSH BASKIN: Okay, keep going, Bill.

21 BILL RULAND: So, so that is really what
22 we know at this point. This is what, you know, like I
23 said, the staff, you know, we're fairly familiar with
24 this technology and we understand the design of the
25 plant.

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1 The key item that, you know, what they'd
2 very likely be working on is trying to restore power
3 in a C or D pump to get some flow into the reactor --

4 MALE PARTICIPANT: Anything to get water -
5 -

6 BILL RULAND: Anything to get water into
7 the reactor, either C or D pump or some sort of
8 temporary power supply. If they had a B5B-like pump
9 of some sort, these are the kinds of things that they
10 would be trying. We do know that they were, brought
11 in some skid-mounted diesel, and not sure how, you
12 know, whether that's been effective or not.

13 So, anyway, any questions?

14 SAM HAFT: Bill, this is Sam Haft from
15 Region I. You say you think there's a high
16 probability that they have some core damage or joule
17 damage?

18 BILL RULAND: No, no. That's, that's not
19 what I said.

20 What I said was, given the scenario that
21 we had painted and given that there was no further
22 mitigation, it, it's likely that given all that, and
23 they still are basically a station blackout, they
24 haven't restored AC power and they have no mitigation
25 capability, it's about, we're about at the time where

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1 they could start to see core damage.

2 SAM HAFT: Okay. So, all right, and you
3 said it would be spent. But you say they still have
4 the RECC system operating as far as we know?

5 BILL RULAND: No. No, like I said, RECC
6 system was operating. We got a, there was a press
7 release that talked about --

8 MALE PARTICIPANT: Briefly.

9 BILL RULAND: -- briefly about RCC, but we
10 know that at some point the batteries are going to run
11 out.

12 SAM HAFT: Right.

13 BILL RULAND: And the system will no
14 longer be operating.

15 SAM HAFT: Right. Okay, yeah, that makes
16 sense. All right, thank you.

17 BILL RULAND: Again, this, this is the
18 staff hypothesis based on the, the meager data that we
19 have. That concludes my --

20 MIKE WEBER: We did have a follow-on
21 briefing from a representative of the Japanese
22 government, from JNES. That briefing, since the
23 earlier Commissioner Assistants briefing, really
24 focused more on the seismic event than on the
25 condition of the plant, but it was not very

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1 informative in that the information being shared was
2 still somewhat in the speculative mode and was all
3 subject to confirmation from additional analysis.

4 We did ask questions about whether the
5 earthquake that was experienced was within the design
6 basis, and we don't know yet because they still have
7 to do that assessment. That will come in the days and
8 weeks to follow.

9 Certainly, they did tell us that, you
10 know, they weren't, weren't thinking that they would
11 have an earthquake of this magnitude, but we actually
12 look at the seismic accelerations and the response
13 spectrum, we don't really know how close it came to
14 the design basis.

15 MALE PARTICIPANT: Go ahead --

16 MIKE WEBER: The reactor safety team has
17 been, with the liaison team, to collect data about US
18 plants, about what the seismic design basis is. So
19 staff is gathering that information in anticipation of
20 possible questioning that the Chairman might be asked.

21 MALE PARTICIPANT: We're going to come
22 back and provide it to him.

23 MIKE WEBER: You know, we would expect
24 that the obvious next question from US lawmakers could
25 be, well, what if I had an earthquake of that

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1 magnitude near my nuclear power plant? What would the
2 consequences of that earthquake be? And so that's the
3 purpose of pulling together that information.

4 Brian, do you want to give an update on
5 coordination and communication?

6 BRIAN McDERMOTT: At this point in time,
7 we understand that the National Operations Center was
8 going to stand down their crisis action team. We do
9 have a member of the NRC staff at FEMA's national
10 response coordination center, but it sounded like,
11 that due to the absence of a domestic event, that at
12 about 1800, they would be standing down that
13 organization.

14 We did ask that we have one last contact
15 with that individual. Once we get feedback from that
16 deputies call that the Chairman's on, we may
17 understand more about other actions being taken.

18 MIKE FRANOVICH: This is --

19 BRIAN McDERMOTT: Go ahead.

20 MIKE FRANOVICH: This is Mike Franovich.
21 Unfortunately, we were dropped off the line and just
22 rejoined, so do you mind recapping what happened over
23 the last two minutes?

24 MALE PARTICIPANT: Okay, did you, did you
25 hear the end of Bill Ruland's discussion on the trial

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1 lineup, the indications we're getting from the press
2 releases with known scenarios?

3 MIKE FRANOVICH: We got to the point where
4 Mike Weber said the next natural question is, and then
5 we cut off. So wherever that point was.

6 MIKE WEBER: Yeah, it gets back to what
7 Bill Ruland was saying. The natural question is,
8 well, what happens if an earthquake of that magnitude
9 were to occur in the United States or affecting US
10 plants? Is that natural event within the design basis
11 for the nuclear power plant, is it a tsunami hazard,
12 all those sorts of things.

13 So we are pulling that, the information
14 together based on what we already have available, and
15 obviously, what occurred in Japan was an extreme
16 natural occurrence.

17 MIKE FRANOVICH: Yeah, I'd just comment on
18 the tsunami bit. Research did complete a study in
19 2009 that came out published with a reassessment of
20 tsunami hazards both in the US, throughout the
21 Pacific, and parts of the Atlantic, believe it or not,
22 just for your benefit.

23 But before you get into the seismic and,
24 and tsunami hazards, can we go back for a minute to
25 the scenario that, that Bill laid out here, the worst

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1 case? Let's not look at, in terms of the worst case
2 here.

3 If this is essentially like a station
4 blackout plan, and RCC was operating on this unit, if
5 we were to look at it as if it were a US plant and the
6 battery is in this condition or depleting, what we
7 expect out of our plants in terms of response to be
8 able to handle that scenario where you're depleting
9 the batteries and RCCS might be lost? Would the
10 operators be expected to try to depressurize the plant
11 and put firewater in there or something like that?
12 And would we expect that strategy to be used over in
13 the Japanese plants?

14 BILL RULAND: No. We, we don't know what
15 we can expect on the Japanese plant. What our staff
16 is telling us is that they would use C5B-like
17 strategies, that they would use to find backup power
18 supplies and, you know, some of those are, you know,
19 classified. But basically they would use B5B
20 strategies to come up with alternate ways to get water
21 into the plant and alternate ways to come up power, an
22 alternate power source, a B5B pump, these kinds of
23 things. That's what we expect for a US plant.

24 MIKE FRANOVICH: Okay. And the other
25 thing is the venting of aspect of this unit. In

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1 (inaudible), wouldn't we expect that to occur if the
2 containment pressure was coming up? In other words,
3 that may not be an indication that there's a problem
4 with the reactor cooling in itself.

5 BILL RULAND: The, there was, one of the
6 press releases said that they were venting containment
7 because, to prevent over-pressurizing the containment.

8 MIKE FRANOVICH: And I think that, in a US
9 plant, would be called for under the EOPs.

10 MALE PARTICIPANT: That's correct because
11 they'd lose containment cooling.

12 BILL RULAND: That's correct. They would
13 lose containment cooling. That's correct.

14 MIKE FRANOVICH: Okay. It's controlled
15 venting in a US plant, and they may be using a similar
16 strategy over there.

17 BILL RULAND: Right. This is our --
18 right. We don't know if they have hardened vents,
19 but, you know, this, the scenario we've painted is
20 based, you know, is not inconsistent with the facts,
21 but it doesn't mean that this is in fact the case.

22 MIKE FRANOVICH: Exactly, and that's what
23 I was pointing out. I mean, if you paint, you help
24 bound the worst-case so folks will understand what
25 could be the worst consequence. But there may be the,

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1 this may be an expected response and not leading to
2 the worst-case. That's all --

3 BILL RULAND: Exactly, and, and I wasn't
4 trying to say anything other than that.

5 This, this is a scenario that fits the
6 picture and, but what's more interesting is the time
7 line fits the, the analysis that was, that we did for
8 SORCA --

9 MIKE FRANOVICH: Okay.

10 BILL RULAND: -- approximately, given the
11 different sizes of the plant.

12 MIKE FRANOVICH: Okay, that's very
13 helpful.

14 MICHAEL MARSHALL: Bill, this is Michael
15 Marshall. A couple times, you referred to press
16 releases. Whose press releases are you talking about?

17 MALE PARTICIPANT: They're utilities press
18 releases.

19 BILL RULAND: Yeah, and I think there was
20 also an IA, it was IAEA press releases also.

21 So we have basically cobbled together the
22 facts as we've saw them in, you know, those press
23 releases to paint this picture.

24 ELLIOTT: Yeah, this is Elliott, that
25 TEPCO piece was pretty old and (inaudible).

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1 MALE PARTICIPANT: Pretty old?

2 BILL RULAND: You broke up, Elliott.

3 ELLIOTT: I was saying the TEPCO release,
4 which I think I saw a while back, is pretty dated.

5 BILL RULAND: Right. They're several
6 hours old.

7 MALE PARTICIPANT: Yes, that's correct.

8 ELLIOTT: yeah, I just, I was going to say
9 something about that. It's, you were obviously
10 referring to press releases. Let's be careful to
11 differentiate between releases from a government
12 agency or corporation and press reports that --

13 BILL RULAND: That, these are, this is an
14 amalgam of all the information that we've got.

15 ELLIOTT: Right.

16 BILL RULAND: And I appreciate you
17 pointing that out to me.

18 MIKE FRANOVICH: Speaking of sources of
19 information, are our Japanese counter parts that were
20 visiting here at the -- Rick, are they still with us,
21 available? Do we have access to them, or have they
22 departed?

23 RICK: Most have departed. The ones that
24 we were speaking with this afternoon at the end of the
25 afternoon are flying back tomorrow. But a number of

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1 them were pulled back promptly in response to the
2 catastrophe.

3 PATTY BUBAR: Hey, Mike, this is Patty
4 Bubar. I had kind of a follow-on question. So do we
5 have like a communication link set up with a Japanese
6 regulator, or are we just kind of waiting for them to
7 give us a call? What's, what's been our main source
8 of --

9 MIKE WEBER: We're having frequent
10 communications with a Japanese regulator. We don't
11 have an open line, but we have frequent communications
12 with JNES.

13 As you know, and the Japanese system, NESAs
14 relies on JNES for support and so they kind of come
15 and go based on whatever the current project is.

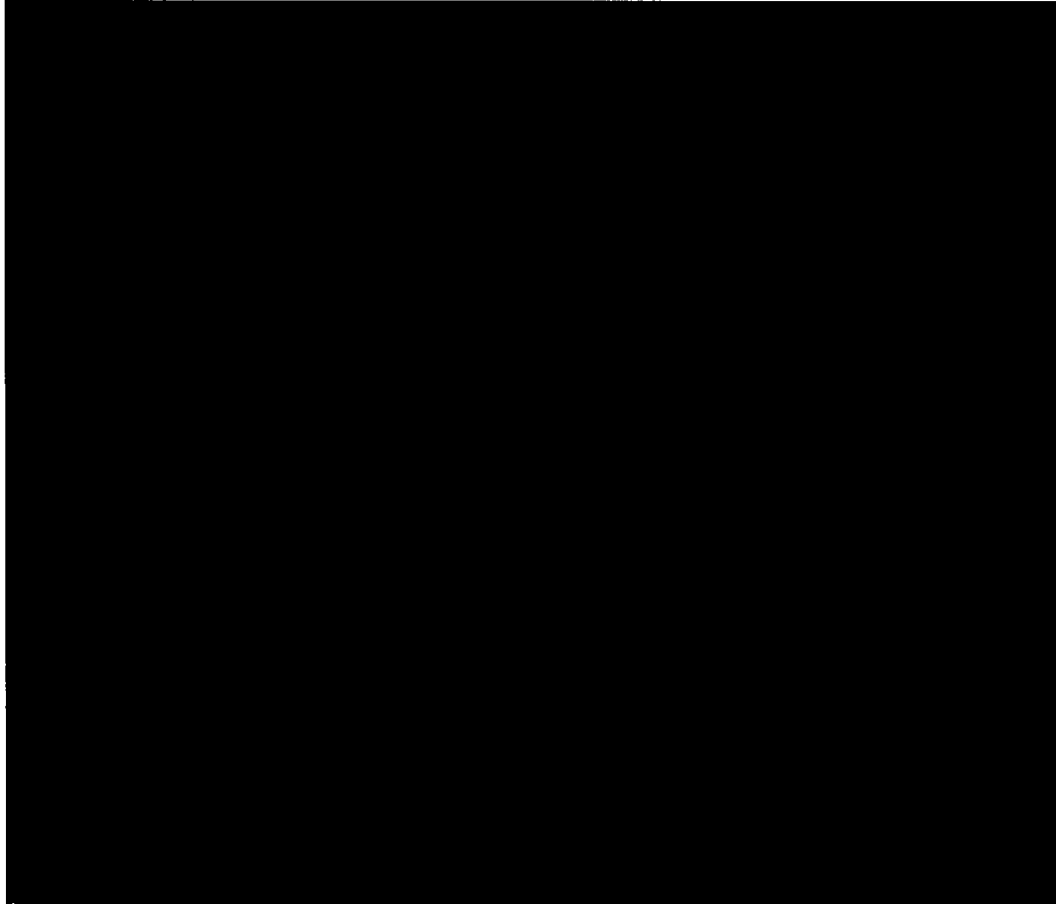
16 BILL BORCHARDT: Hey, this is Bill
17 Borchardt. I've been on the road all day, so I'm
18 coming into this a little bit late. But listening to
19 the conversation, I'd just like to make a warning to
20 us as a body that we need to guard against trying to
21 be the regulator of this facility.

22 We have hardly any information. I don't
23 think we have any information that's reliable. And
24 we're not JNES's boss. This plant isn't our
25 responsibility. So I think we need to be very careful

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1 even how far we let our conversation on our what-if
2 discussions go because sooner or later we start
3 convincing ourselves we're on a certain path, and
4 it's, we have no way to validate whether or not we're
5 accurate on that.



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19 I think it is good, the work that, Bill,
20 your guys have done as far as looking at, if we had
21 this situation, what would the US plant response be,
22 because it kind of gives us a ballpark.

23 BILL RULAND: Right.

24 BILL BORCHARDT: But I, I wouldn't want to
25 create --

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1 BILL RULAND: That's all it's supposed to
2 be.

3 BILL BORCHARDT: I mean, I wouldn't even
4 try to create logical scenarios. I mean, discussing
5 whether or not RCC is running and the whole, this is
6 just dangerous, from my perspective.

7 So sorry to rain on everybody's parade.

8 MIKE WEBER: No, no. We agree with you
9 entirely.

10 We were moving on to talking about the US
11 government's response. So NRC has someone down at the
12 national response coordination center for FEMA. They
13 were looking at standing down that facility. The
14 reason is probably they'd probably do that is because
15 that facility's really focused on domestic response.

16 We have had a request and have dispatched
17 one of our staff down to the building downtown, where
18 USAID and the State Department are looking at the
19 possibility of, if the United States was asked to send
20 resources, what kind of technical expertise or what
21 kind of support they might be looking for. So we have
22 an individual down there. We've not yet received a
23 report back on that but we'll continue to follow it.

24 Based on the fact that we did become
25 aware, through our monitoring of the press releases

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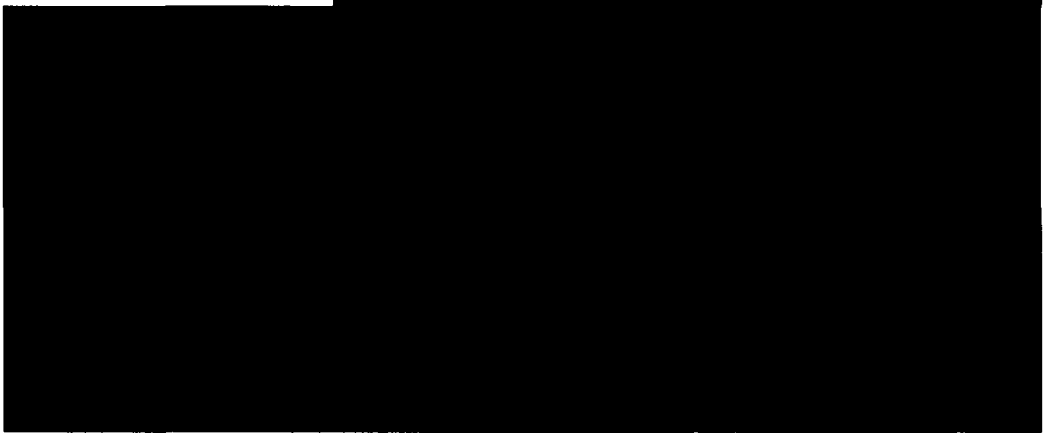
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1 and the media, of the potential for venting
2 containment at, at the facility, the idea that there
3 may be releases, 

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10 And that's in terms of the US government's
11 response of this point that we are aware of.

12 MALE PARTICIPANT: I don't remember if I
13 saw an email earlier today about -- I know -- I'm
14 talking about the Naval aspect. Are we getting any
15 information from Naval reactors? I mean, they can be
16 drawing or samples off, any vessels that are downwind.

17 MALE PARTICIPANT: (off mic).

18 MALE PARTICIPANT: Well, I mean, that's,
19 that's fine because maybe we have different sources of
20 information.

21 MALE PARTICIPANT: (Off mic).

22 MALE PARTICIPANT: I'm sorry?

23 MALE PARTICIPANT: (Off mic).

24 MALE PARTICIPANT: A Naval reactor guy, a
25 guy by the name of Robert -- Eric called him -- Tom

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1 Roberts. He called in. They never called back to
2 tell him, you know, we don't know much.

3 MALE PARTICIPANT: Who is the gentleman
4 down at the (inaudible)? We can work it out.

5 (Whereupon the parties engaged in
6 simultaneous conversation.)

7 MALE PARTICIPANT: Elliott, any update in
8 the communication area?

9 ELLIOTT: We, we freshened our press
10 release just lightly and freshened the blog, but right
11 now, I'm sort of in a hold pat position until we as an
12 agency do anything further. I have got a list of TV
13 shows that want us to deepen up to litter the floor to
14 (inaudible).

15 PATTY BUBAR: This is Patty Bubar. We
16 actually have several people sitting around the table
17 sitting here who have questions. I actually have a
18 question, which I'm going to ask.

19 MALE PARTICIPANT: You're going to have to
20 get a little closer to the microphone and pick up a
21 handset, please.

22 PATTY BUBAR: Okay. I'm about as close as
23 I can get. Can you hear?

24 MALE PARTICIPANT: You're cutting in and
25 out, Patty.

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1 PATTY BUBAR: Okay. Maybe we've got a
2 loose wire on our speaker here. Is that any better?

3 MALE PARTICIPANT: That's better.

4 PATTY BUBAR: Okay. Kind of along the
5 lines of Bill's advice or warning, could you go back -
6 - maybe this is either for Bill Ruland or Mike. Can
7 you clarify what we know from a reliable source and
8 what we may have picked up from, you know, kind of
9 press information, just so, when we report back to
10 Commissioner Magwood, we can kind of put it in the
11 context of here's what we know and here's what we've
12 heard?

13 BILL RULAND: Well, I have a, series --
14 this is Ruland again -- I have a series of five TEPCO
15 press releases; in addition, an IAEA report, and we've
16 just gotten a recent, additional recent TEPCO press
17 release. That's one. I have to go through with those
18 TEPCO press releases yet.

19 PATTY BUBAR: Well, if you wouldn't mind
20 just kind of, if it's not too much trouble --

21 MALE PARTICIPANT: Sure.

22 PATTY BUBAR: If it's not too much trouble
23 --

24 MALE PARTICIPANT: I'm happy to do it.

25 PATTY BUBAR: -- this is what you hear and

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1 this is what, you know, is the bottom line from those.

2 BILL RULAND: Okay, well, no, it's really
3 just a short statement for all of these --

4 A TEPCO press release indicated loss of
5 off-site power, of course, loss of all power to the
6 freight unit at 146 a.m. Eastern time, which was 2:46
7 p.m. Japan time.

8 A TEPCO press release indicated that Unit
9 4 was shut down due to the earthquake and that 5 and 6
10 were already in an outage.

11 A TEPCO press release also said that Units
12 1 through 3 automatically shut down at 1:46 a.m.
13 Eastern time, which is, looks like it's an hour after
14 the earthquake.

15 A TEPCO press release indicated that all
16 units' off-site power was lost at about 1:46 a.m.
17 Eastern time, leading to automatic startup of the
18 emergency diesel generators.

19 A TEPCO press release at 2:41 a.m. Eastern
20 time stated that the emergency diesel generator was
21 shut down to Units 1, 2 and 3, resulting in the
22 complete loss of AC power for those units.

23 And an IAEA of, as of 2:45 p.m. Eastern
24 time indicated that the Unit 1 water level was about
25 51 inches above the top of the core. For Unit 2, core

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1 coverage was about 138 inches. And for Unit 3, IAEA
2 indicated that power is being supplied.

3 And then we just got a recent TEPCO press
4 release that stated that they're implementing measures
5 to reduce the pressure of the reactor containment
6 vessel for those units that cannot confirm certain
7 levels of water injection by RCC in order to fully
8 secure safety. And they also said that they're
9 monitoring off-site, and one of the monitoring posts
10 is also indicating a higher than normal levels. "We
11 will continue to monitor discharge of radioactive
12 material from the exhaust stack and the discharge
13 canal," et cetera.

14 MALE PARTICIPANT: The only other issue to
15 add to Bill's summary is that we know that NISA, the
16 Japanese regulatory authority, declared a heightened
17 state of alert and a precautionary evaluation,
18 evacuations up to three kilometers were ordered, and
19 residents between three kilometers and 10 kilometers
20 were ordered to stay in place and centrally, shelter
21 in place, stay indoors.

22 PATTY: Okay, thank you. I think others
23 may have questions.

24 MIKE WEBER: Just iterate, so, as Bill
25 Borchardt has cautioned us, this scenario that we

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1 developed would be consistent with this, but that's
2 all it was.

3 CINDY PETERSON: Bill, this is Cindy
4 Peterson in Region III. Just, we got some breaking
5 news here that might be of interest.

6 We been notified -- or not notified --
7 we've been informed that Exelon has been asked by GE
8 to run simulator runs on Dresden, which is similar to
9 Unit 1, which is an iso-condenser plant, and Quad
10 cities, which is similar to Unit 2 (audio feedback)
11 plant. And (audio feedback) Exelon is supporting them
12 with running some scenarios to see how the events will
13 evolve.

14 BILL RULAND: Okay.

15 CINDY PETERSON: So you may want to, Bill,
16 hook up with somebody in Exelon, and if you call me,
17 we can try to work out who it is you may talk to.
18 They may have some additional information that could
19 be of use --

20 BILL RULAND: Okay.

21 CINDY PETERSON: -- should you wish to go
22 that far.

23 MIKE WEBER: Cindy, again, who asked them
24 to run that calculation?

25 CINDY PETERSON: Our understanding is

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1 General Electric asked them, but the connection
2 clearly is with and, we believe, tied to a request
3 from TEPCO. That's not confirmed.

4 MIKE WEBER: We did reach out earlier in
5 the day to NEI, and also, Marty, you reached back to
6 INPO and WANO. Do you want to update on that?

7 MARTY: The information is still trickling
8 in. That was INPO that just called, and they're
9 getting some insights from WANO Tokyo that the Unit 2
10 containment pressure is about two times its design. I
11 just gave the whole -- we need to confirm our
12 pressures.

13 MALE PARTICIPANT: Right.

14 MARTY: Is that about right?

15 MALE PARTICIPANT: Right.

16 MARTY: Radiation levels around Unit 1 to
17 control rooms are running about a thousand times what
18 they normally run and that evacuations have been
19 called for.

20 What INPO and NEI are going to be doing is
21 they're going to be setting up conference call and
22 sharing information at a regular interval. NEI source
23 is the Tokyo equivalent of NEI, and so they have been
24 communicating, but they're not getting much more than
25 we're getting. Most of the information is disjointed,

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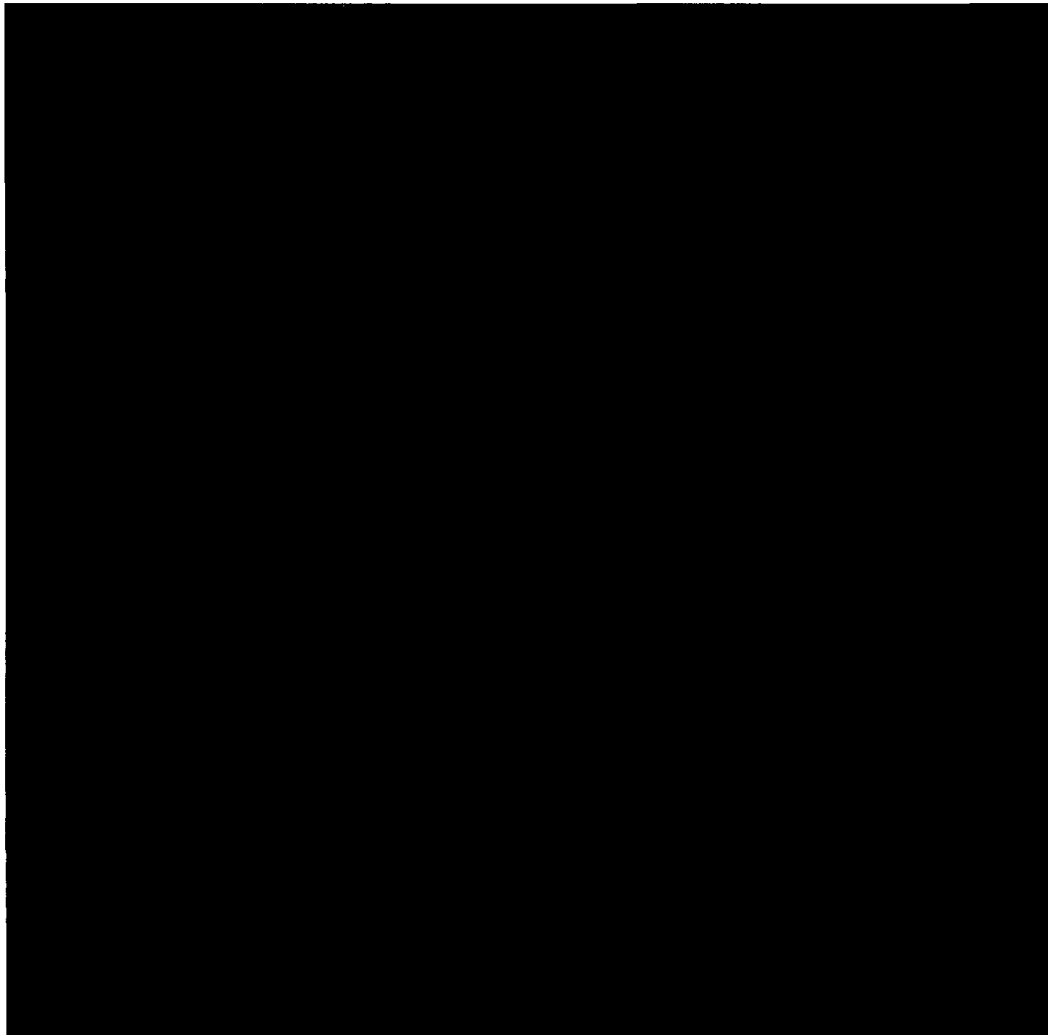
1 and it's a little bit confused at this point in time.

2 But you can see -- and I've not been able
3 to connect with anybody from WANO yet.

4 MIKE WEBER: Thanks.

5 We have many preparations to continue to
6 staff a skeleton crew overnight. We would expect the
7 situation to continue to develop, and we continue to
8 perform a communication/coordination function here in
9 the off-center.

10 Anything else? Here?



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MIKE WEBER: Understood.

LARRY CAMPER: This is Larry Camper. What are we doing to communicate externally? I mean, I've heard three or four salient points here, which I'll recap.

I mean, Mike, earlier, you pointed out that this is an extreme event, and then there's this question of, is this within design basis for our facilities?

There are certain analyses going on. You know, Cindy, you pointed out what's going on at Dresden and Quad cities.

We're staffing overnight and so forth and so on.

I mean, it strikes me that there are three salient points that come out of this discussion. Are we communicating externally, and if so, how?

MIKE WEBER: What we've prepared to do is

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1 to respond to questions as asked. But as an agency,
2 we do not intend to get out in front of the rest of
3 the US government or out in front of Japan. So, if
4 asked, you know, how is it preparing the United
5 States, what steps have you taken to prepare against
6 it, we can answer those kinds of questions.

7 REBECCA: This is Rebecca, and I was
8 interested to find out, is a protective measures team
9 being put in place? Have we modeled to see whether or
10 not, if this happened, what area will be impacted,
11 looking at the radiological data and things like that?
12 Or have we thought about that?

13 MIKE WEBER: No, the protective measures
14 team has not been put in place, but Bill has an
15 update.

16 BILL RULAND: Yeah, there's about, about,
17 four people. And the reactor safety team is going to
18 be about the same. These are skeleton crews,
19 basically a couple of analysts and a coordinator, so
20 it's basically a, a bare-bones skeleton crew to be
21 able to help answer the questions if asked.

22 MIKE WEBER: If there were a release and
23 it was a sizable relief, we could expect that the
24 plume will migrate to the east towards Hawaii and then
25 to the United States, based on current meteorological

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1 conditions. And so we can anticipate, there could be
2 questions about, well, you know, what does that mean
3 to the United States? And, what actions need to be
4 taken? But that's hours down the road, and that would
5 not be done by NRC. That would be done in
6 coordination with other agencies like EPA, DOE,
7 Department of Defense, FEMA.

8 Other questions?

9 MIKE SNODDERLY: Yes, this is Mike
10 Snodderly. I just wanted to follow up on what -- I
11 heard Bill say that they had looked at some SORCA
12 analyses that had been done for a BWR plant that had
13 lost RCC for 14 hours and so are those conditions
14 consistent with what --

15 BILL RULAND: As to, to kind of reiterate
16 what Bill Borchardt had said, you know, we don't want
17 to -- you know, the purpose of our analyses was to try
18 to understand what was going on such that we would be
19 able to answer questions about it. And what we did
20 was we looked at the sort of analysis and we tried to
21 decide what the time line would be, what the time line
22 would be, and the time line is consistent with the
23 SORCA analysis --

24 MIKE SNODDERLY: Thank you.

25 BILL RULAND: -- including the, the

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1 venting. The timing of the venting is consistent with
2 that SORCA analysis.

3 MALE PARTICIPANT: Okay, thanks. We're
4 going to go on mute here for a minute.

5 (Whereupon there was a long pause on the
6 record.)

7 MATT HAHN: Hey, this is Matt Hahn with
8 ILTAB. Has there been anything new or different with
9 Diablo Canyon or Region IV, what they're planning on,
10 or what they're doing out there right now?

11 MIKE WEBER: All the US nuclear facilities
12 and materials are not at risk at this point. So,
13 Region IV has stood down in their emergency response,
14 and the tsunami did not cause adverse damage to
15 nuclear facilities. So, for US assets, we're secured.

16 LARRY: Mike, has that been communicated
17 publicly?

18 MIKE WEBER: I don't know.

19 LARRY: Well, I tell you, I'm not coming
20 away with a warm-and-fuzzy about public communication
21 here. I mean, the point you just made is, is a very
22 valuable point to be communicated, and in our entire
23 conversation, I've not heard some orchestrated
24 approach to how the United States government,
25 whichever entity that is, will communicate as to the

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1 status.

2 I, I'm concerned about eight, you know, a
3 strong public reaction or overreaction and I think
4 there needs to be some concern or attention to how
5 this all gets communicated. I mean, we have a role to
6 play here. It's, it's a refined role, that is true,
7 but I'm not just not coming away comfortable with
8 public communication.

9 MIKE WEBER: Yeah, Larry, did you see the
10 press releases?

11 LARRY: No, I did not, Mike.

12 MIKE WEBER: Okay, well. . .

13 ELLIOTT: Mike, it's Elliot. We have put
14 out -- excuse me, Larry, or whoever was speaking -- we
15 got two releases out. The most recent one was filed
16 probably an hour ago. You can find on the web. It
17 says that "senior officials at the Headquarters are
18 following events. In addition, the agency's regional
19 office will continue to monitor the notice of unusual
20 events at Diablo for the duration of that event," and
21 it goes on.

22 LARRY: Great. Okay, sorry. I didn't see
23 that.

24 ELLIOTT: And, in the keeping people
25 current department, I know we've all seen the last

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1 TEPCO press release. I had just been sent a, a short
2 little snap bulletin from Reuters. It says, "TEPCO
3 says it has lost the ability to control reactor
4 pressure at three of the reactors." And I don't know
5 whether that, technically, whether that supersedes
6 what we were looking at, but I just had a press person
7 ask me about it.

8 (Whereupon, the parties engaged in off mic
9 conversation.)

10 MIKE WEBER: That's, that's breaking news.

11 We haven't gotten that through any official channels.

12 ELLIOTT: It's probably a time lag with
13 TEPCO getting stuff up on its English-language site.

14 MIKE WEBER: Yeah, it may be.

15 MALE PARTICIPANT: You know, and sometimes
16 they confuse reactor vessel, containment vessels.

17 MIKE WEBER: Okay. Do we want to go back
18 on mute?

19 Are we done with the call?

20 No more questions from the commission
21 assistants?

22 The --

23 MALE PARTICIPANT: (Inaudible) -- and I
24 have a question. Are we planning on having a
25 regularly scheduled update call?

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1 MALE PARTICIPANT: That's what I just
2 trying to get to. Mike mentioned earlier, we're
3 staffing up -- I'm sorry -- planning for the second
4 shift to come in. Bill's noted it is sort of a
5 skeleton crew, but there's enough in terms of
6 communication going on within the government that we'd
7 like to stay on top of this and use the Ops Center as
8 our focal point for that.

9 In terms of updated briefings, I think the
10 way we left it with you all last time was that, as
11 significant events develop, that we would reach back
12 out. It just may be --

13 Eleven o'clock is the turnover time?

14 MALE PARTICIPANT: Turnover.

15 MALE PARTICIPANT: So, Mike, since he's,
16 he'll be the one who's going to be stuck here, maybe
17 if we try to offer a brief at 11:15 so that you and
18 them, being the two parts, a relieving group and the
19 off-guard will both be here, then anybody else who's
20 interested in hearing the status would hear that
21 knowledge and then we'll look at that in full.

22 Do we have the next release planned?

23 MALE PARTICIPANT: Sure.

24 MALE PARTICIPANT: What time is that?
25 Seven a.m.?

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1 MALE PARTICIPANT: Yeah, and we'll do it
2 again at 7:15.

3 MALE PARTICIPANT: Is that, is that all
4 right?

5 MALE PARTICIPANT: Yeah.

6 JOHN MONNINGER: This is John Monninger.
7 I think the notion of any type briefing, you know, we
8 would agree with, if any, new, significant information
9 comes along, it would be appropriate.

10 PATTY BUBAR: John, this is Patty Bubar.
11 I was actually going to ask questions. I'm glad you
12 spoke up. Will we get any feedback from what's coming
13 out of the deputy's meeting at the White House, or
14 with the White House?3

15 JOHN MONNINGER: To tell you the truth, I,
16 I'm not sure, but I'll chat with Joshua on that.

17 PATTY BUBAR: Okay.

18 JOHN MONNINGER: I think, you know, as
19 Bill mentioned -- I guess, as both Bills mentioned --
20 you know, we did do some analysis, but what is really
21 important here is to make sure that we do not
22 inappropriately communicate, you know, the preliminary
23 analysis that the NRC has done for whatever purposes.
24 You know, the communications should be maintained
25 through Public Affairs and through, you know, other --

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1 PATTY BUBAR: Right. Well, why I thought
2 if there was a coordinated government communication
3 strategy that comes out of the discussion, that, you
4 know, that would be helpful to know.

5 JOHN MONNINGER: So we'll get back to you
6 on that, Patty.

7 PATTY BUBAR: Thank you.

8 MIKE WEBER: If there are no other
9 questions, we'll plan to have a follow-up call at
10 11:15 tonight, 2315.

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1 (CONFERENCE CALL INITIATED.)

2 KEVIN WILLIAMS: Hello, this is Kevin
3 Williams. Can you hear me?

4 MIKE WEBER: Go ahead, Kevin. We are
5 here.

6 KEVIN WILLIAMS: Okay. I'm down here at
7 USAID and I was just talking with [REDACTED] [REDACTED] 6
8 (phon), and he wanted me to relate to you guys what
9 their needs are down here.

10 MIKE WEBER: Okay.

11 KEVIN WILLIAMS: And I think what they're
12 really wanting is someone who can interpret, you know,
13 the information that's put out in relation to the
14 plant. You know, their, what's going on, what's
15 happening, how are they evaluating, how are they
16 responding. And they are going to have someone come
17 from DOE come down here as well. There's an
18 individual from Atlanta that's coming down just to
19 assist with USAID.

20 But what they're looking for more so is
21 the interpretation of the information that's being put
22 out. For example, I think I just saw something on
23 there that the radiation levels at the plant are a
24 thousand times normal.

25 MIKE WEBER: Yeah.

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1 KEVIN WILLIAMS: You know, and they want
2 to put it --

3 MALE PARTICIPANT: Kevin, why are they
4 doing that versus the NRCC or just calling back here
5 to the Ops Center?

6 KEVIN WILLIAMS: I'm sorry. Repeat the
7 question.

8 MALE PARTICIPANT: Why, why did USAID see
9 the need to do that instead of relying on established
10 inter-agency coordination mechanisms like the NRCC or
11 just calling the Ops Center?

12 KEVIN WILLIAMS: They're not wanting to do
13 it. They're just, they're just wanting to know how to
14 interpret appropriately as they're, you know, talking
15 to their management.

16 MIKE WEBER: Can't they just call our ops
17 center with questions?

18 KEVIN WILLIAMS: I believe so, yeah.

19 JEFF TEMPLE: I have a --

20 KEVIN WILLIAMS: Pardon me?

21 (Whereupon, the parties engaged in
22 simultaneous conversation.)

23 JEFF TEMPLE: Yeah, this is Jeff Temple.
24 You mentioned about a nine o'clock conference call
25 they're having?

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1 KEVIN WILLIAMS: There's a nine o'clock
2 conference call, but I believe that's within their
3 organization and their, their scope of, of how they
4 interact. And I'm getting, now, a good appreciation
5 for their process. I wanted to participate in that
6 nine o'clock call so I'd have a better, better
7 understanding of what they're really trying to get at.

8 And then I think really all they need is a
9 point of contact back at the NRC, whether that's
10 calling in through the Ops Center or following the
11 established protocol. I think that's probably the
12 best way to do it.

13 MIKE WEBER: We heard that NRCC was likely
14 going to stand down.

15 KEVIN WILLIAMS: I haven't heard that. I
16 mean, I understand that. I know, here, they're
17 ramping up to do more of the 24/7 staffing.

18 MALE PARTICIPANT: Yeah. Right.

19 MIKE WEBER: Kevin, do they have whole
20 (inaudible)?

21 KEVIN WILLIAMS: I don't know. I just got
22 here, actually. I'm trying to figure out what, you
23 know, what their, what their role is.

24 MIKE WEBER: So it sounds like it's an
25 international response coordination function rather

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1 than a domestic response.

2 KEVIN WILLIAMS: Yeah, and I'm just trying
3 to have a better feel for the, how I can convey that
4 back to them.

5 MALE PARTICIPANT: (Off mic) -- take a
6 look at these?

7 MIKE WEBER: Hey, Kevin, two things. As
8 you're on your on your BlackBerry, I know they have a
9 notorious problem with over-modulating the mic, so, if
10 you kind of hold the microphone into that thing a
11 little farther away from your mouth, we'd probably be
12 a little more clearly.

13 In terms of staffing here, we have the
14 liaison team, and that is the gateway, if you will,
15 for our federal partners to be asking for information.

16 So I would encourage whoever is helping coordinate
17 the USAID effort and asking these questions to use
18 that, that resource.

19 KEVIN WILLIAMS: Okay.

20 MIKE WEBER: The second thing is I know
21 you just got that down there too long ago, but what
22 does the picture look like in terms of, do we need to
23 plan to have somebody down there around the clock?

24 KEVIN WILLIAMS: No. I think what they're
25 really looking for is just an, a point of contact.

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1 And I think the thing that Mike Weber has just talked
2 about it is something that we could put into, into
3 play, and they'd have a way of getting the
4 information.

5 MIKE WEBER: Okay, great.

6 KEVIN WILLIAMS: But there is, there is a
7 nine o'clock call tonight I wanted to get in on and
8 just get a better feel for, you know, how we can
9 assist and probably get back and say, okay, here's how
10 I think this ought to play out.

11 MIKE WEBER: Okay. Sounds good.

12 Do you need any additional support from us back here,
13 Kevin?

14 KEVIN WILLIAMS: No. The only thing I
15 actually really was wondering and this could go with
16 the initial that everybody was, you know, what, in
17 proper context, you know, what's really going on at
18 the plant in Japan, you know, to have a better feel
19 for what's going on there. Are they able to get, you
20 know, whatever they were trying to get back so that
21 they could provide the, get the cooling water going or
22 something like that?

23 MIKE WEBER: Yeah, we have no concern,
24 reports back, Kevin, in terms of restoration of
25 capabilities. You know, the, the scenario that, that

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1 we're hearing is, is what's in the press. So, and I'm
2 sure they have access to that down there as well.

3 KEVIN WILLIAMS: Yes, they do.

4 MIKE WEBER: So, you know, we're trying
5 not to speculate at this point. Although, you know,
6 we, we do have folks looking at the event, we don't
7 want to be out too far because there could be a lot of
8 information that we don't have. But clearly it's a
9 serious event.

10 KEVIN WILLIAMS: Right. Understood.

11 JOHN MONNINGER: The report of a thousand
12 times background -- it would make sense to say we're
13 venting containment?

14 KEVIN WILLIAMS: Yes, right, that's what I
15 understood.

16 JOHN MONNINGER: Right, okay.

17 KEVIN WILLIAMS: And I can explain that.

18 JOHN MONNINGER: Okay.

19 KEVIN WILLIAMS: John, is there a specific
20 number under the, the basic number I called in to get
21 the (inaudible) too.

22 JOHN MONNINGER: Yes, you can just call
23 back into HOOs, and they'll, they'll patch you through
24 to the liaison team.

25 KEVIN WILLIAMS: Okay. Understood.

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1 JOHN MONNINGER: And, and they'll do that
2 for you or for, you know, who, over the USAID people
3 are.

4 KEVIN WILLIAMS: Right, understood.

5 MIKE WEBER: And Kevin, so you know, we
6 are staffing up another shift that will turnover at
7 about 11 o'clock here, and we will have another
8 Commissioner Assistants brief at 11:15. So, depending
9 on where you are, you know, if somebody is relieving
10 you, they'll want to call in for that call, and you
11 should assure the USAID folks down there that, you
12 know, we're, we're going to be here to support them if
13 they have questions.

14 KEVIN WILLIAMS: Right. Okay.

15 JOHN MONNINGER: Thank you.
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(CONFERENCE CALL INITIATED.)

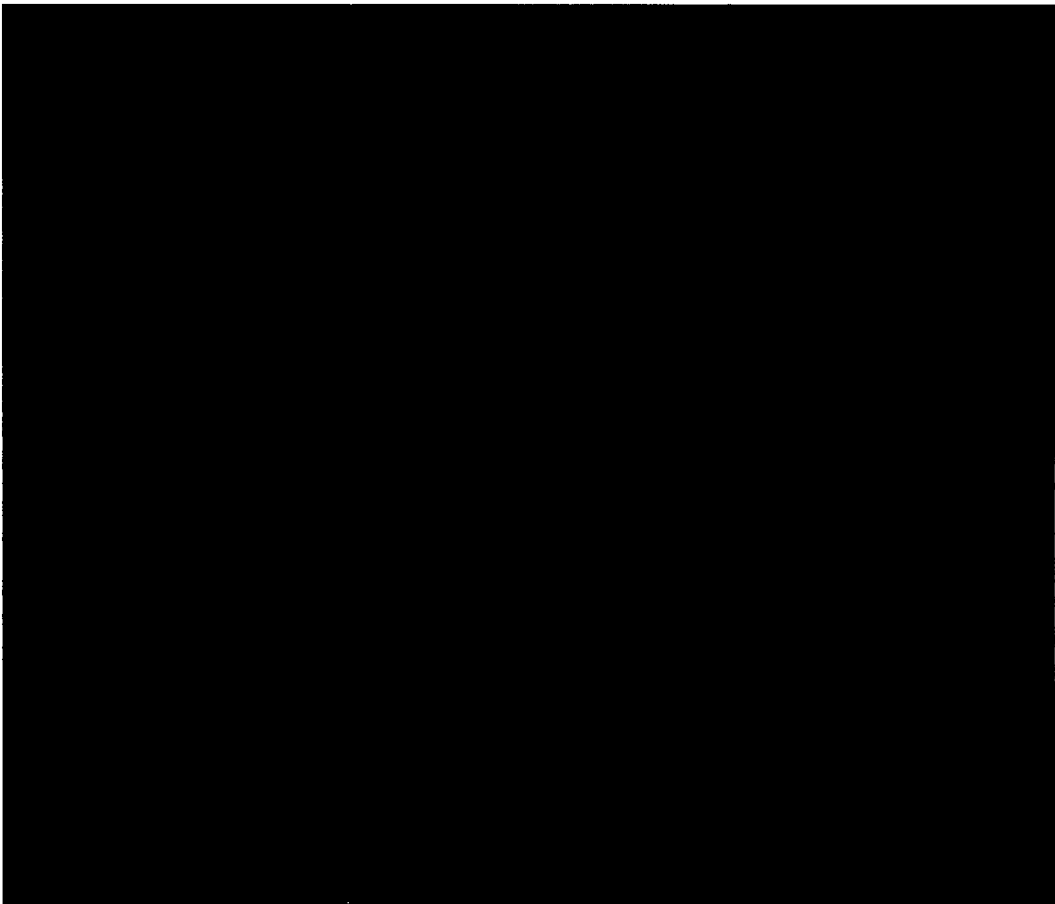
MIKE WEBER: Hey, Michael. Go ahead.

MICHAEL DUDEK: Just a brief update from down here at FEMA. I have, I have a little bit of the synopsis of the deputies meeting in case you haven't heard her, and I have a status of where they're going and what they're doing over the weekend.

MIKE WEBER: Sounds good. Let's hear it.

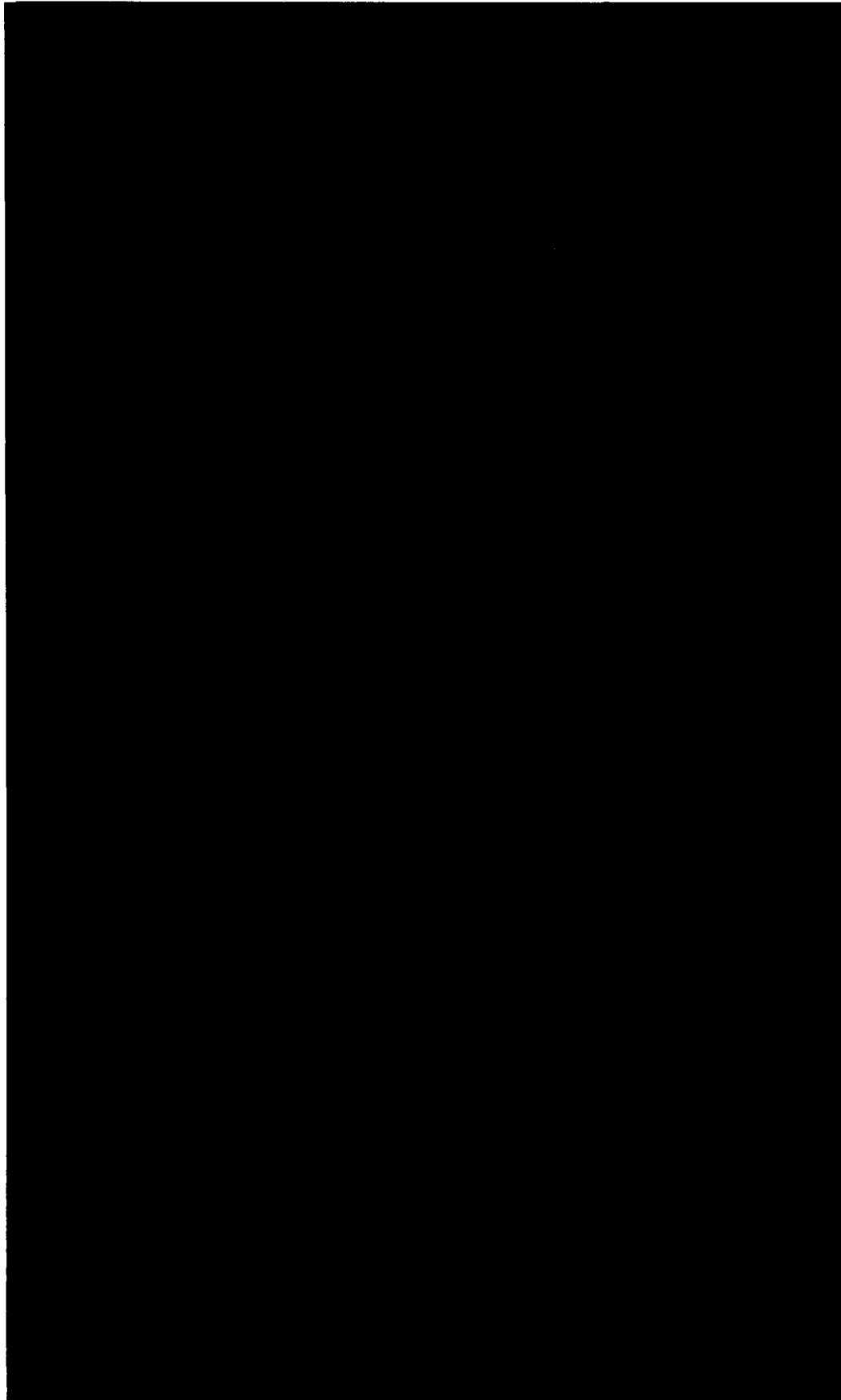
MICHAEL DUDEK: Do you, first of all, do you have any additional questions for me?

MIKE WEBER: Yes. Tell us what you're going to tell us.



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MIKE WEBER: Anything else, Michael?

MICHAEL DUDEK: Other than that, the NRCC is standing down. They're going to affect skeleton crew starting at eight o'clock. They'll be having a skeleton crew monitor the situation throughout the weekend.

I, I specifically requested that if they need anything from the NRC. They said, put your name and your number on your monitor, and so we know of a contact information of you, but other than that, we don't need anything from you. So I, I've been given the okay to leave if, if, if and when you guys give me the okay.

It's pretty quiet. It's starting to empty out down here. I know there's a turnover briefing at

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1 eight o'clock that I'm going to stay, stay and listen
2 to. But other than that, they weren't anticipating
3 any major actions until Sunday, where one of the
4 senior FEMA representatives goes in front of Meet the
5 Press. So there was going to be a, a flurry of
6 information requests before that.

7 MALE PARTICIPANT: (Off mic).

8 MIKE WEBER: So you're going to put your,
9 the Ops Center and the Ops Center phone number on your
10 monitor?

11 MICHAEL DUDEK: That's correct.

12 MIKE WEBER: Okay. We can assure that we
13 have coverage.

14 MALE PARTICIPANT: So (inaudible) down, or
15 did you've got them?

16 MALE PARTICIPANT: No, I don't.

17 MIKE WEBER: Oh, you don't have them.

18 MALE PARTICIPANT: Well --

19 MALE PARTICIPANT: Well, oh, all right,
20 the Chairman, the Chairman and Josh Baskin got them.

21 MIKE WEBER: Okay, thank you, Michael.
22 Appreciate you heading out there. We'll be in touch.

23 I think he was planning to stay for the
24 eight o'clock call.

25 Do you need to do that, or can you depart

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1 now?

2 MICHAEL DUDEK: It's pretty empty here
3 right now. There may not even be an eight o'clock
4 call, so I'm going to ask a couple more questions and
5 probably head out.

6 MIKE WEBER: Yeah. That sounds good.
7 Thanks, Mike.

8 MICHAEL DUDEK: All right. Thank you very
9 much.

10 MIKE WEBER: And we'll be in touch if we
11 need you to, you know, for a subsequent shift or
12 something, but it doesn't sound like the NRCC's going
13 to be the focal point of the federal response.

14 MICHAEL DUDEK: It doesn't appear so. I
15 mean I'm, I live downtown. I live two blocks away.
16 If you need me to go to DHS or anywhere else, I'm
17 always available.

18 MIKE WEBER: Great. Thank you, Michael.
19 Appreciate it.

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1 (CONFERENCE CALL INITIATED.)

2 MIKE WEBER: Good evening, Chairman.

3 CHAIRMAN JACZKO: Hello?

4 MIKE WEBER: Hello, Chairman. We're here.

5 CHAIRMAN JACZKO: Great. Any -- what's
6 the latest information you have?

7 MIKE WEBER: We have, now, a substantial
8 update from the last time we briefed you.

9 CHAIRMAN JACZKO: Okay. Who all is on
10 now?

11 MIKE WEBER: It's just the Headquarters
12 executive team here.

13 CHAIRMAN JACZKO: Okay.

14 MIKE WEBER: We have Bill Borchardt,
15 Nader, Bill Ruland, Mike Weber, Brian McDermott, Scott
16 Morris, Tim McGinty, and Eric Leeds is standing here,
17 as well as other staff.

18 CHAIRMAN JACZKO: Okay, good. Okay, well,
19 can someone give me a rundown, then, of what our plans
20 are for this evening and then tomorrow?

21 BRIAN McDERMOTT: Yes, sir. We've got --
22 this is Brian McDermott -- we've got folks coming on
23 at 11 p.m. this evening for a, for a second shift.
24 We're planning to have them come over. Dan Dorman
25 will be our representative for the executive team.

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1 Scott Morris will be here with him as the response
2 advisor.

3 The plan that have come in, in time for an
4 11:15 Commissioner Assistants briefing, so we'll keep
5 all the commissioner assistants up to speed at that
6 time, kind of do that as they're during their
7 turnover.

8 CHAIRMAN JACZKO: Is there a reason we're
9 doing that at 11:15?

10 BRIAN McDERMOTT: Because the shift
11 turnover was planned at that point in time, and that
12 would allow the, both the on-coming and off-going
13 leads for the executive team to, to take part in that
14 call.

15 CHAIRMAN JACZKO: Okay, can I, can I just
16 make a suggestion? I, I think right now that -- and
17 I'd be interested in your thoughts on this -- I don't
18 know that we want to interject that into a shift
19 turnover. If, if we need to do a shift turnover, we
20 do a shift turnover and let that -- I mean, we are in
21 monitoring, quasi-monitoring mode. So let's deal with
22 that issue separately.

23 If we need to do a briefing for commission
24 TAs or someone else, let's do that separately so that
25 it doesn't distract from the turnover and the

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1 continuity of our, our monitoring activities.

2 BILL RULAND: Yeah, Chairman, this is
3 Bill. At 11:15 -- the turnover's really going to be
4 done by 11. The idea of 11:15 was just that we would
5 still have both teams there and sort of make sure we
6 had good continuity. So the actual turnover will
7 happen between 10:30 and 11 --

8 CHAIRMAN JACZKO: Okay.

9 BILL RULAND: -- specifically. And before
10 the off-going shift actually gets out to their cars
11 and gets and heads home, we wanted to do the phone
12 call and have that done.

13 CHAIRMAN JACZKO: Okay.

14 BILL RULAND: And so we're planning to do
15 it at 11:15, and also 715. The day shift turnover
16 will happen 6:30 to 7:00.

17 CHAIRMAN JACZKO: Okay. And what do you
18 plan to do to keep me briefed and updated?

19 BILL RULAND: Whatever you want.

20 CHAIRMAN JACZKO: Well, what, what would
21 you recommend?

22 BILL RULAND: Well, I mean, I think we'll
23 just have the EP director probably give you a call as
24 he's, as the off-going shift is getting ready to
25 depart, to give you a call and give you the latest.

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1 So it will be sometime around 11 o'clock tonight
2 unless something more significant happens.

3 CHAIRMAN JACZKO: Okay.

4 BILL RULAND: But we're dying in a sea of
5 silence here actually.

6 CHAIRMAN JACZKO: Yeah.

7 BILL RULAND: There's no real information
8 other than the few occasional press releases coming
9 out.

10 CHAIRMAN JACZKO: And, and let me just to
11 make an attempt to perhaps recalibrate us a little bit
12 here. This -- and I think you all know this -- but
13 this is not our event. And our function and our
14 focus, I think, going forward need to turn a little
15 bit more towards probably a public communication
16 strategy and a public communication effort in the
17 event that something were to go very badly in, in
18 Japan.

19 So I encourage all of you, in the time
20 that you're there, to be working on preparing
21 materials so that, in the event something were to
22 happen, we are prepared when that happens to have good
23 communication about whether something like this could
24 happen in the United States, what our plants are like,
25 how they're comparable, all those kinds of, kinds of

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1 issues.

2 MALE PARTICIPANT: Yeah, actually,
3 Chairman, we've been working here recently and coming
4 up with a list of questions, and we're going to take
5 that and give them to each of the teams that are here
6 and work up draft responses. So we ought to have at
7 least an outline tomorrow morning, and then, you know,
8 we can circulate those around.

9 CHAIRMAN JACZKO: Okay. I, I encourage
10 you to have that prepared for me by 11. There's a
11 tremendous -- as much as there's a sea of silence for
12 you guys, there's a tremendous vacuum of information
13 within the federal family, and I think it's imperative
14 that we have information early that we can distribute
15 to fill that vacuum.

16 MIKE WEBER: Okay. We'll give it our
17 best. It's one of those things where it will continue
18 to evolve as we develop that information.

19 CHAIRMAN JACZKO: And that, that's fine.
20 As long as we have interim products, in the event we
21 need to use them, we have something ready to go.

22 MALE PARTICIPANT: Okay.

23 CHAIRMAN JACZKO: Make sense?

24 MALE PARTICIPANT: Yes.

25 CHAIRMAN JACZKO: Okay. And again, just

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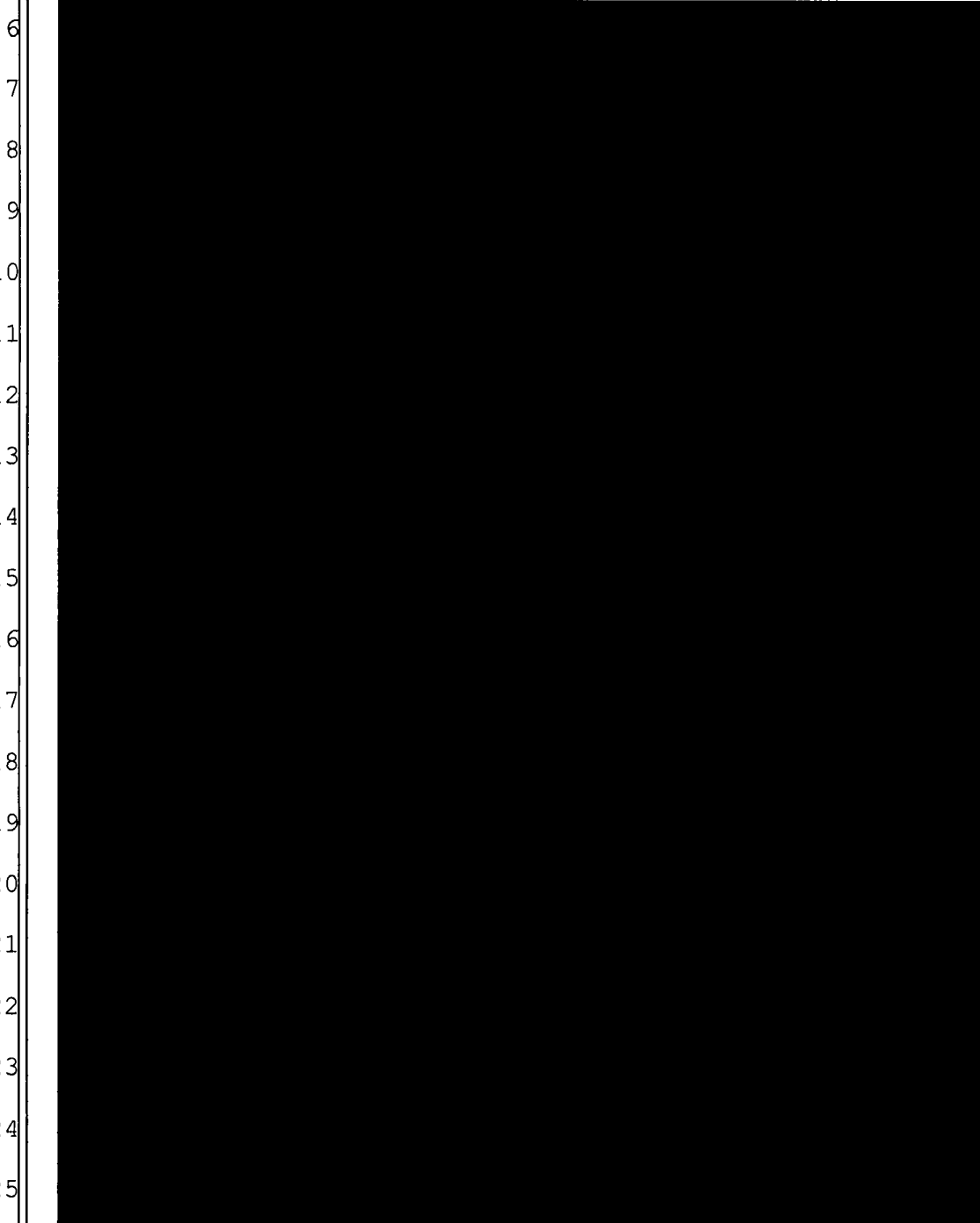
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1 to come back to domestically, again, there's no issues
2 at this point that we see with our facilities?

3 MALE PARTICIPANT: That is correct.

4 CHAIRMAN JACZKO: Okay. Okay, good.

5 Anything else that you have for me?



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3 And again, I cannot reinforce enough the
4 importance of not speculating and not hypothesizing
5 about what may or may not be happening, and in
6 particular, publicly, so that we just stick to the
7 facts as we know them and do our best to, to stay
8 there.

9 ERIC LEEDS: Okay.

10 CHAIRMAN JACZKO: Anything else that you
11 have?

12 MALE PARTICIPANT: Nothing else on this
13 end, sir.

14 CHAIRMAN JACZKO: Okay. So I'll
15 anticipate, then, a call at approximately 11 unless
16 something were to change dramatically, and then give
17 me a ring earlier.

18 MALE PARTICIPANT: Do you want me to call
19 you earlier, like 10?

20 CHAIRMAN JACZKO: I leave it up to you to
21 do whatever you think is best, the best, the best time
22 within your, within your, you know, your activities.

23 MALE PARTICIPANT: Okay.

24 CHAIRMAN JACZKO: So, sometime, I'll
25 expect a call sometime between 10 or 11, 10 or 11,

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1 again, unless something else changes.

2 MALE PARTICIPANT: I just don't want to
3 inordinately impact on your night.

4 CHAIRMAN JACZKO: No, that's fine. I, I,
5 I'll probably be awake.

6 MALE PARTICIPANT: Okay.

7 CHAIRMAN JACZKO: Okay. Thanks,
8 everybody. I appreciate it.

9 MALE PARTICIPANT: Thank you.

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1 (CONFERENCE CALL INITIATED.)

2 CINDY PETERSON: Cindy Peterson here.

3 MALE PARTICIPANT: Yeah, folks, the ANS
4 message went out, and the message should have said
5 that the call would be at 2315 tonight -- that's 11:15
6 tonight -- for the Commissioners' Assistants briefing.

7 CINDY PETERSON: I just got word from my
8 duty officer that there was going to be another call
9 at this time.

10 ANIKA (phon): Hello?

11 MALE PARTICIPANT: There's another call at
12 this time? Let me check with, I'm going to check the
13 bridge. Hold on.

14 SCOTT MORRIS: Ben? Cindy?

15 CINDY PETERSON: Yes?

16 SCOTT MORRIS: Scott Morris here.

17 CINDY PETERSON: Yes, Scott.

18 SCOTT MORRIS: Yeah, there's no other call
19 right now. The next call that's been scheduled was
20 with the commissioners' assistants at 11:15 Eastern.

21 CINDY PETERSON: I was aware of that one,
22 but our duty officer just -- I wonder where he got
23 that message.

24 SCOTT MORRIS: Well, there may be a call,
25 but, but it isn't anything that we are aware of at

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1 Headquarters. It may be some other thing.

2 CINDY PETERSON: Okay. Thank you, Scott.

3 ANIKA: This one at 2315 Eastern time, and
4 that's what the call from him was about. That's what
5 I gather.

6 SCOTT MORRIS: Okay.

7 CINDY PETERSON: What was that, Anika?

8 ANIKA: I said that there was the
9 Commissioner briefing, the phone call at 2315 Eastern.

10 CINDY PETERSON: Right.

11 ANIKA: And that's what the HOO, that's
12 what the calls from the HOO have been about. I just
13 got one.

14 CINDY PETERSON: Did you just get a call
15 from Billy?

16 ANIKA: No.

17 CINDY PETERSON: Okay, I'll call him
18 later. Thanks.

19 ANIKA: Okay. Goodbye.

20 SCOTT MORRIS: This is Scott Morris in the
21 ET room. Do I have one of the HOOs on the line?

22 (No response.)

23 SCOTT MORRIS: Cindy, you're not still
24 there, are you?

25 (No response.)

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1 (CONFERENCE CALL INITIATED.)

2 MARK SATORIUS: I've gotten word from my
3 regional duty officer that there was going to be a
4 brief. Are we just standing by? If we are, I'll just
5 put go back on mute and wait.

6 SCOTT MORRIS: Yes, we just learned that
7 there's going to be a, a call with GE support, General
8 Electric support, and the vice president of Exelon at
9 7:45 to basically share with us what they know about
10 what's going on.

11 MARK SATORIUS: Okay, who's the vice
12 president for Exelon? Just because I probably know
13 him.

14 SCOTT MORRIS: [REDACTED]

15 MARK SATORIUS: Okay, yes, know him well.
16 He's currently the site vice president at, at Byron,
17 but he has, he was the site vice president at Quad for
18 about eight or nine years to just give you background.

19 SCOTT MORRIS: He's got a lot of boiler
20 experience then.

21 MARK SATORIUS: Yes, okay. I'm going on
22 mute. Thanks.

23 SCOTT MORRIS: Okay, it should be in the
24 next few.

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1 (CONFERENCE CALL INITIATED.)

2 SCOTT MORRIS: Hey, Kevin, is it urgent?
3 We're, we're getting ready to listen in on a
4 conference call, a different conference call here in a
5 minute.

6 KEVIN WILLIAMS: Well, they want to know
7 if somebody from NRC can support them, their DART
8 team, and go to Japan.

9 SCOTT MORRIS: Say that again.

10 KEVIN WILLIAMS: There's a request that
11 the NRC send one person with USAID to their disaster
12 assistance response team to Japan.

13 MALE PARTICIPANT: Disaster assistance
14 response team.

15 SCOTT MORRIS: Okay, and that's down at
16 Federal Triangle, or where is that?

17 KEVIN WILLIAMS: Well, they're going to --
18 no, no, what they want is somebody to go to Japan.

19 SCOTT MORRIS: Oh, I see. Okay.

20 KEVIN WILLIAMS: And they'd like you to go
21 as soon as possible.

22 SCOTT MORRIS: All right. We'll get, will
23 get back to you, Kevin.

24 KEVIN WILLIAMS: You want me to come back
25 in 20 minutes?

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1 BILL RULAND: They a name as soon as
2 possible or they want to send somebody as soon as
3 possible?

4 KEVIN WILLIAMS: They want to send
5 somebody as soon as possible.

6 BILL RULAND: To do what exactly?

7 KEVIN WILLIAMS: To, to support them on
8 this, this team.

9 BILL RULAND: As a technical advisor or
10 what?

11 KEVIN WILLIAMS: Yeah, yeah. Yeah.

12 BILL RULAND: All right. We'll get back
13 to you.

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1 (CONFERENCE CALL INITIATED.)

2 PAM COWAN: Yes, this is Pam Cowan from
3 Exelon.

4 SCOTT MORRIS: Hi, Pam. This is Scott
5 Morris at NRC, and we're in, in the operations center.
6 I have several folks here with me.

7 PAM COWAN: Okay. Well, why don't we go
8 ahead and do introductions. Why don't we let our
9 folks introduce themselves first, and we'll go ahead.

10 SCOTT MORRIS: Okay.

11 PAM COWAN: Okay.

12 [REDACTED]: [REDACTED], site vice
13 president of Dresden station, is on.

14 [REDACTED] And [REDACTED] engineering
15 director at Quad Cities station, is on.

16 PAM COWAN: Okay, [REDACTED]

17 MALE PARTICIPANT: You're up, Scott.

18 SCOTT MORRIS: Okay, you've got, here at
19 headquarters, you've got Scott Morris, you've got Mike
20 Weber who's a deputy executive director for
21 operations, you've got Bill Ruland who's heading up
22 our reactor safety team, and a host of other folks
23 that, from just a technical staff.

24 MALE PARTICIPANT: I think we also have
25 Mark Satorius on, Cindy Peterson --

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1 Is there anybody else from your shop,
2 Mark?

3 MARK SATORIUS: Not that I'm aware of.

4 BILL RULAND: Okay, this is Bill Ruland,
5 and we, we heard through Cindy Peterson -- I guess
6 through the resident staff -- that Exelon was asked to
7 run some scenarios for GE for what's going on at the
8 Japanese nuclear power plant.

9 When we heard that, we asked ourselves
10 that maybe there's some information that you could
11 pass on to us that we don't have. We have high-level
12 information that we've gotten from press releases, and
13 as you're probably well aware, EP, we'll have certain
14 inferences from that.

15 But anyway, so we're, we're looking to, to
16 you, if there's any information that you'd share with
17 us.

18 [REDACTED] why don't you go ahead
19 and -- since you kind of, kind of spearheaded this for
20 Exelon, why don't you go ahead and describe what we've
21 been doing and what information we've gotten.

22 [REDACTED] Okay. Early this afternoon,
23 I received a call from General Electric, from [REDACTED]
24 [REDACTED] who's their nuclear vice president,
25 basically, and he asked if we could provide some help

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1 both with operating procedures and severe accident
2 management guidelines for the issue that's occurring
3 in Japan.

4 GE currently is basically trying to staff
5 up around the clock to support them in any way
6 possible. They had 70 GE people on the ground at the
7 plant at the time of the event supporting a refuel
8 outage on one of the other units, and those people had
9 given them some spotty information as they were
10 exiting the facility just before the, the wave hit.

11 (Whereupon, a joining participant
12 interrupted the telephone conference.)

13 [REDACTED] So, so after that phone
14 call, we sent them our QGA procedures, which are the,
15 the, the boards, if you will, for the simulator for
16 both the reactor vessel levels, the hundred block, and
17 the containment, the 200 block, for both Dresden and
18 Quad Cities.

19 And the reason that the request of those
20 is that the two plants in question, Fukushima 1 and
21 Fukushima 2 -- I believe I'm pronouncing it correctly
22 -- are very similar to Quad Cities in Dresden. The
23 No. 1 unit is the one that they're having the most
24 trouble with, and it is very similar to Dresden,
25 although about half the thermal power rating.

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1 So they do have an iso-condenser like
2 Dresden has. The Unit 2 is very similar to Quad
3 Cities, and it is 740 megawatts electric, so slightly
4 smaller but similar.

5 They do have a toric, and the concern that
6 they had when they called with the fact that the
7 containment pressure was increasing and the Japanese,
8 it sounded like they were going to have to vent the
9 containment. So GE was trying to prepare to support
10 them in any way possible.

11 What we know from GE is that they had no
12 source of off-site power. After approximately an
13 hour, they lost their diesel generators due to the
14 fuel oil storage tanks being ripped from the
15 stanchions that support them, and once the day tanks
16 ran out of fuel, they lost all the diesel. So they
17 were basically on battery power for some period of
18 time. We don't know much more than that as far as
19 parameters go.

20 There was some discussion during our call
21 that they were getting spotty information that the
22 containment was at approximately 80 PSI and, and that
23 they were going to vent.

24 We sent them our severe accident
25 management guidelines also, the SAM G1 and SAM G2,

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1 along with Dresden severe accident management
2 guidelines so they would have all those at GE in case
3 they were asked to support them.

4 They then asked for us to run the
5 simulators at both sites. Dresden was in the middle
6 of a license (audio interference) their exam, so they
7 couldn't run Dresden at the time. So we started the
8 Quad Cities simulator and ran the scenario for about
9 two and a half hours to get some parameters. However,
10 we did not know exactly what the starting conditions
11 were, so we just assumed that they had all their
12 equipment available. And then after approximately an
13 hour on the diesels, we just failed the diesels to see
14 what the containment was going to do.

15 We did not get anything even close to what
16 they got for containment response, so we believe we're
17 missing some vital information from them that, you
18 know, what, what happened or did they have a leak. It
19 would appear to us that, at least on the surface, they
20 would have had to have some kind of leak to have
21 gotten to those kind of containment pressures.

22 And at that point, after the two hours, we
23 froze the simulator and saved the, saved the scenario.

24 And right now, we've got connection with GE. If they
25 need anything through the night, they're going to call

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1 me directly, and then we'll staff the simulator to put
2 in whatever information they give us to run a scenario
3 further to try to assess.

4 That's basically what we know at this
5 point in time.

6 SCOTT MORRIS: This is Scott Morris at NRC
7 Headquarters. The GE support staff that you're
8 interacting with, are these folks here stateside are
9 the people that are over at the site in Japan?

10 [REDACTED] [REDACTED] They're stateside, from
11 Wilmington. 6

12 SCOTT MORRIS: Are they in contact? Do
13 they have -- one of the difficulties that we're
14 having, and I imagine it won't come as a surprise, is
15 just getting any kind of reliable information out of
16 the site. And, you know, I was exploring that because
17 I was wondering if that was potentially an opportunity
18 to get some information. So I don't know if GE's been
19 in contact with their staff over there.

20 [REDACTED] [REDACTED] They talked to their staff,
21 but the problem is that at the facility there, from
22 what they said, the building where they would house
23 all the engineering staff collapsed, and, and
24 basically, the people that left the site are calling
25 them on like either microwave phones or cell phones of 6

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1 some sort, and they're getting very spotty
2 information.

3 They have nobody at the site that's
4 providing any detailed parameters. They have a
5 translator that, I'll say, looking at every piece or
6 newspaper article and also talking to the people on
7 the ground that they have in the area about what the
8 conditions were prior to leaving the plant. But they
9 don't have any live-time data.

10 SCOTT MORRIS: Okay. Does anybody have
11 any questions?

12 MALE PARTICIPANT: Mark or Cindy, do you
13 guys have any questions?

14 MARK SCOTT: Yes, this is Mark Scott.
15 Yes, I was listening with interest in the support
16 that, that Exelon is providing via their simulators.
17 I don't have any questions right now, no. I don't,
18 Cindy, if she has.

19 SCOTT MORRIS: What I'd like to say on
20 behalf of the NRC, we really do thank you, Exelon
21 making, making yourself available to provide this
22 information. This has been helpful. As you know, the
23 information is sketchy, and each piece fills in the
24 picture.

25 What, the new information we got was about

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1 the fuel oil tanks, and not only the fuel oil tanks,
2 but apparently this engineering building collapsed.
3 So it might be likely that the staff that would help
4 analyze the accident or, or analyze the event that
5 would be helping might have, might have been hurt when
6 that building collapsed.

7 [REDACTED] [REDACTED] And, and that is also GE's
8 concerned that they don't know if or how many
9 engineers they would have there to assist them with
10 getting either water or power restored in some
11 fashion.

12 SCOTT MORRIS: And, and, and we, of
13 course, you know, in particular if there's somebody
14 from GE listening, you know, we feel, we were
15 concerned, of course, for the staff that you have over
16 there, and I suspect they're very, they're concerned
17 to. And you know, we're thinking about them.

18 [REDACTED] [REDACTED] I think GE was able to
19 account for a hundred percent of their staff, the 70
20 people that they had there, and none of those people
21 were injured.

22 SCOTT MORRIS: Okay.

23 [REDACTED] So they do know that. That,
24 that's about as far as it goes though, from, from at
25 least the conversations we had earlier.

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1 MALE PARTICIPATION: Can I ask a
2 clarification question? Do either one of the
3 isolation condensers, is this thing the high
4 containment pressure nevertheless?

5 [REDACTED] That's correct.

6 MALE PARTICIPANT: So it's either water
7 coolant safety relief valve into containment, or --

8 MARK SATORIUS: That shouldn't -- this is
9 Mark Satorius. That shouldn't happen. If they're
10 getting containment pressure increases, there's got to
11 be in RCF leak, I believe.

12 [REDACTED]: Well, I mean, there's some
13 conflicting information. And the other thing to keep
14 in mind is if your iso-condenser doesn't have make-up,
15 it loses its effectiveness within about a half-hour.

16 MARK SATORIUS: Right. It loses its
17 natural circulation drive if it doesn't have make-up.

18 [REDACTED] Right. So, you know, we did
19 ask if they could give us some specific parameters, we
20 might be better suited to help them. So, if we get
21 any more data, how should we get hold of the NRC?

22 SCOTT MORRIS: Just call. What you do is
23 you call into the Headquarters Operations Officer and
24 just say you want to speak to the reactor safety team.

25 [REDACTED] Reactor safety team, okay.

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1 The next other thing -- we did, you know,
2 provide a suggestion that if they have any sort of
3 contingencies like we have for B5B regulations, that
4 would be probably the most effective use of resources
5 at this time.

6 So if we get any more information, we'll
7 get a hold of, you know, any more specific data, we'll
8 get a hold of somebody at the reactor safety team.

9 SCOTT MORRIS: That's great, and we're
10 staffed, we're going to be staffed 24/7.

11 ██████████ They, they did say that the
12 wave at the plant location was like 35 feet when it
13 hit.

14 ██████████ And I, what I didn't know
15 about -- a couple of the things you might, I don't
16 know whether you know or not, all of the facilities at
17 the Japanese plants, everything is above grade.
18 There's nothing buried, and that's why the tanks got
19 broken off because they're actually aboveground. And
20 the other thing is they don't have event-specific
21 EOPs. They never transitioned to the symptom-specific
22 EOPs. So that's one of the reasons they wanted our
23 EOPs and our severe accident management guidelines, is
24 for addressing the symptoms instead of trying to
25 follow the vent procedure.

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1 MALE PARTICIPANT: When you said the
2 entire unit's above grade, that includes the ECCS pump
3 rooms and all that?

4 [REDACTED] Well, those may be -- what I
5 mean, it's like, there's no buried tanks or piping.

6 MALE PARTICIPANT: Okay. Okay. It's
7 rock.

8 MALE PARTICIPANT: So basically, a wave, a
9 35-foot wave would do, wreak some havoc with all that
10 aboveground stuff.

11 [REDACTED] Exactly.

12 MALE PARTICIPANT: So, either one of the
13 isolation condensers, do you know if they were able to
14 provide long-term cooling make-up to the shell side?

15 [REDACTED] We didn't get that
16 information. The last information I saw on a press
17 release was that they had some kind of make-up, but it
18 wasn't a term that I was used to. But, you know, that
19 was my concern, that the iso-condenser works fine if
20 you have, have a make-up source. But it appeared to
21 me that they had no capability of making it up to the
22 shell.

23 SCOTT MORRIS: I think we, we got the
24 information we needed.

25 MALE PARTICIPANT: Yeah.

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1 SCOTT MORRIS: So I, if you get anything
2 new, just give us a, a call at the Ops Center and ask
3 for the reactor safety team.

4 [REDACTED] Okay.

5 SCOTT MORRIS: We really appreciate it.
6 Thank you.

7 PAM COWAN : Thank you.

8 (Whereupon, several participants
9 disconnected.)

10 MARK SATORIUS: Hey, Scott?

11 SCOTT MORRIS: Yes?

12 MARK SATORIUS: Or Bill Ruland?

13 BILL RULAND: Yes, Mark.

14 MARK SATORIUS: Yeah, it's Mark Satorius.

15 Did Mark Ring join the bridge?

16 BILL RULAND: No.

17 MARK RING: Yes, I did, Mark Satorius.

18 MARK SATORIUS: Okay. Mark Ring is
19 probably as knowledgeable -- he's the branch chief for
20 both Quad and Dresden. He's as knowledgeable as you
21 can get on issues such as make-up for the iso-
22 condenser and things like that. If you would like to
23 ask him how Dresden works, he can help you.

24 SCOTT MORRIS: Yeah, just tell him to call
25 -- if you could -- tell him to call and just give us

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1 his cell phone number.

2 MARK SATORIUS: Who's that? Mark Ring? 6

3 SCOTT MORRIS: Yeah.

4 MARK SATORIUS: He's, he's on the bridge.

5 MARK RING: I'm on now.

6 SCOTT MORRIS: Well, what's your cell
7 number?

8 MARK RING: [REDACTED]

9 MALE PARTICIPANT: Have him call the Ops
10 Center and put him on the --

11 SCOTT MORRIS: Right. Right. Right.
12 Right.

13 Mark, if you wouldn't mind, can you just
14 call back to the Ops Center and ask to be put on with
15 the reactor safety team?

16 MARK RING: Sure.

17 SCOTT MORRIS: That'd be great.

18 MARK RING: Yes.

19 SCOTT MORRIS: Anything else?

20 (No response.)

21 SCOTT MORRIS: Thank you.

22 MARK SATORIUS: Hey, Scott?

23 SCOTT MORRIS: Yes.

24 MARK SATORIUS: Just before you go, as you
25 develop names for who might be the correct person or

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1 the most useful person to provide, if there's going to
2 be a team sent to Japan, give me a call because Mark
3 ring is one, and either the senior resident at Quad or
4 the senior resident at Dresden might be an option as
5 well.

6 SCOTT MORRIS: Okay. All right, Mark.
7 Thank you.

8 MARK SATORIUS: All right. I'm going to
9 drop off.

10 Hey, Scott, is there still going to be a
11 briefing at 10:15?

12 SCOTT MORRIS: I believe it's at, there's
13 going to be a commissioner assistants, yes, your time.

14 MARK SATORIUS: Yeah, and 11:15 yours,
15 okay.

16 SCOTT MORRIS: Yeah.

17 MARK SATORIUS: Thank you. Okay, dropping
18 off.

19 PAM COWAN: Hey, Scott?

20 SCOTT MORRIS: Yes, ma'am.

21 PAM COWAN: This is Pam. Hey, I was
22 curious, did you say you were sending a team to Japan?

23 SCOTT MORRIS: I don't think that
24 decision's been made yet. I don't know that we've
25 gotten any sort of formal request for that.

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1 PAM COWAN: Okay.

2 SCOTT MORRIS: In fact, I know we haven't
3 gotten a formal request that yet. That's something
4 that we have, we have, we have staff at various
5 federal agencies around the city, and collectively,
6 the federal government is trying to figure out what's
7 the proper way to respond and support. And we'll
8 obviously be part of that, but at this point, it's not
9 clear.

10 PAM COWAN: Okay. All right, so we'll
11 just keep you up to date if we get any new substantive
12 new information comes about.

13 SCOTT MORRIS: All right, Pam. Thank you
14 very much.

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1 (CONFERENCE CALL INITIATED.)

2 TOM D'AGOSTINO: I think we can just get
3 the job done across the board and answer any
4 questions.

5 We had an opportunity to talk to General
6 Cartwright again after the meeting earlier this
7 evening, and what we found out -- he an opportunity to
8 talk to something [REDACTED]

9 [REDACTED]

5

11 [REDACTED] They, they were okay.

12 They're very comfortable with where they
13 were on aerial measurement. And so they did not need
14 her aerial monitoring system. So were standing down.

15 I mean, we are not completely standing down but we're
16 not going to be shipping off something tomorrow. I
17 just wanted you to know that.

18 CHAIRMAN JACZKO: Thank you.

19 TOM D'AGOSTINO: But the other thing he
20 said, which was quite interesting, is his Chief of
21 Defense said they did need, and I think the term was
22 "engineering assistance," and if they could get
23 engineering assistance from the United States, that
24 would be good. And Cartwright told him, well, Energy
25 and the Nuclear Regulatory Commission are the right

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1 place for that assistance.

2 What they ended up agreeing to was that
3 the Government of Japan would officially put the
4 request through the Ambassador, which of course is the
5 right channel, officially through the Ambassador, and
6 that the Ambassador would have, would obviously get
7 some specific information and would be in the position
8 of channeling that to the right, to the right U.S.
9 government organization to provide the engineering
10 assistance that they're requesting.

11 We told General Cartwright that, you know,
12 we -- in the Department of Energy, as you note Gregg,
13 we do energy research -- obviously, we work with the
14 NRC. We don't do a lot of civil programs. You all
15 have the experts that understand BWRs and PWRs and
16 have done accident analysis and the like.

17 But at the same time, we want to make sure
18 that, you know, you know, one, that the Ambassador
19 understands, understands that and that, should the
20 Government of Japan put in an official request for
21 engineering assistance, that it's very important that
22 it gets to the NRC, for sure, and to DOE as well, but
23 probably the NRC, I mean, my guess is, has the more
24 up-to-date accident analysis on the civil power plants
25 out there.

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1 So we all, so that's kind of -- Steve, I'm
2 going to ask Steve if I think you could add anything
3 to what I've just said before we open it up for
4 questions.

5 STEVE AOKI: I guess the only other thing
6 that we thought is, at some point, if they really are
7 looking for engineering support, that we probably do
8 have to have a line out to GE, but we haven't done
9 anything on that front yet. On that front yet.

10 CHAIRMAN JACZKO: Hey, Tom, I'm Scott
11 Morris answer, but I think we're slightly ahead of
12 that, so --

13 TOM D'AGOSTINO: Oh, good.

14 CHAIRMAN JACZKO: So we'll be ready to
15 provide resources.

16 And Scott, maybe you can fill, fill him in
17 on where we are with GE.

18 SCOTT MORRIS: Well, we just -- yes, this
19 is Scott Morris. We, just within the last hour, had a
20 conversation with, not with GE but rather with Exelon,
21 which, as you know, has a large fleet of reactors.
22 They were actually contacted today by GE support and
23 asked them for a bunch of their emergency operating
24 procedures, severe accident management guidelines,
25 they asked them to run some simulator scenarios and

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1 try to assess, you know, try to look forward a little
2 bit and see, you know, how much time they may have for
3 various things.

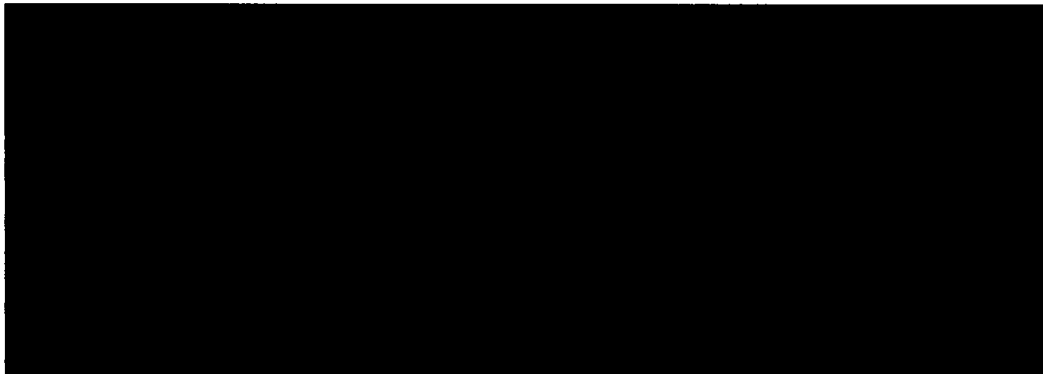
4 So they, they've been in close contact
5 with GE. We have not been, directly. We did learn a
6 couple of things about what had occurred at the site
7 because, because apparently General Electric has
8 approximately 70 of their staff at that site. So --

9 CHAIRMAN JACZKO: Well, Tom, we'll, we'll
10 make sure to reach out to GE and, and so, if we do get
11 the request in, we'll have our people available and
12 we'll make sure that we have a contact for GE that
13 they can, that they can come to.

14 TOM D'AGOSTINO: Okay.

15 CHAIRMAN JACZKO: Does that make sense?

16 TOM D'AGOSTINO: Yeah, absolutely



23 TOM D'AGOSTINO: Okay, great. That sounds
24 good. That would be, that would be awesome.

25 CHAIRMAN JACZKO: Okay, good.

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1 TOM D'AGOSTINO: Okay, good. Now, I, I've
2 just been notified, Michele Flournoy (phon) wants to
3 talk to me urgently. Has she, has she talked to you,
4 Greg?

5 CHAIRMAN JACZKO: No, she's not talked to
6 me but I think our teams are in touch. Our technical
7 folks, I think, are talking with some of the modeling
8 folks.

9 TOM D'AGOSTINO: Okay. Okay, yeah,
10 definitely on the modeling side for sure.

11 CHAIRMAN JACZKO: Yes.

12 TOM D'AGOSTINO: Okay. Well, thank you.
13 I wanted to make sure you had that about the
14 engineers, engineering assistance. Okay, good.

15 CHAIRMAN JACZKO: We'll get a hold of
16 Michele, then, here shortly on another item.

17 TOM D'AGOSTINO: All right, great. Thank
18 you.

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1 (CONFERENCE CALL INITIATED.)

2 SCOTT MORRIS: Josh?

3 JOSH BASKIN: Yes, sir?

4 SCOTT MORRIS: Hey, Scott Morris and Mike
5 Weber.

6 JOSH BASKIN: Hello, gentlemen.

7 MIKE WEBER: Hello, Josh.

8 JOSH BASKIN: How are you?

9 MIKE WEBER: Good. How are you?

10 JOSH BASKIN: The Chairman's still there.

11 He's probably just going to come down and join you
12 for when you're ready to brief him and then probably
13 head home to try and get some sleep for a little bit.

14 MIKE WEBER: Okay.

15 JOSH BASKIN: What time would you want to
16 do that? Does 10:30-ish work for you, or what, what
17 do you think?

18 MIKE WEBER: Yeah, that works.

19 JOSH BASKIN: Okay, so I'll ask him to do
20 that, come down around 10:30.

21 MIKE WEBER: Okay.

22 JOSH BASKIN: And then we'll probably pack
23 him patch in Elliott and maybe Becky as well if that
24 works. I think they have staff in the Ops Center, so
25 that might be sufficient, but they might jump on too.

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1 MIKE WEBER: Okay.

2 JOSH BASKIN: All right, great. And then
3 I will join also on the 11:15. And if, if there are
4 any questions that show that the participants don't
5 know quite understand where we are, I'll, I might jump
6 in . . .

7 SCOTT MORRIS: Okay.

8 JOSH BASKIN: If that makes sense.

9 SCOTT MORRIS: That makes sense.

10 JOSH BASKIN: Great. Okay, I will ask him
11 to come join you at about 10:30 then.

12 MIKE WEBER: Okay.

13 JOSH BASKIN: Thank you.

14 SCOTT MORRIS: Thank you, Josh.

15

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1 (CONFERENCE CALL INITIATED.)

2 SCOTT MORRIS: The nuclear story's getting
3 more and more attention on the networks. They haven't
4 made the jump yet to what happens if this occurs in
5 the United States.

6 CHAIRMAN JACZKO: Okay.

7 SCOTT MORRIS: So, what are plants like?

8 Our staff are outside the Ops Center
9 getting increasingly concerned about, where is NRC
10 communicating all the (inaudible). And we've had a
11 number of urges for, hey, let's be more proactive.

12 CHAIRMAN JACZKO: Yeah.

13 SCOTT MORRIS: And we've not done that.

14 We did get language from the White House,
15 but I would --

16 MALE PARTICIPANT: Okay.

17 MALE PARTICIPANT: Yes, I did.

18 SCOTT MORRIS: So it's basically, we're
19 not taking a position we are working with the
20 Japanese.

21 CHAIRMAN JACZKO: Okay.

22 SCOTT MORRIS: And, but we still have
23 developed the Qs and As. And we just took a look at
24 those draft questions and answers, and they're off
25 making some tweaks to those.

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1 CHAIRMAN JACZKO: Okay.

2 SCOTT MORRIS: It's about three pages.

3 CHAIRMAN JACZKO: Okay.

4 MALE PARTICIPANT: Questions and answers -
5 - they're structured so that there's a public
6 response, and then there's a more detailed technical
7 response so, as you're using them, you have something
8 to draw from.

9 CHAIRMAN JACZKO: Right.

10 SCOTT MORRIS: You probably would not want
11 to speak on the technical right away.

12 CHAIRMAN JACZKO: Yeah, okay.

13 SCOTT MORRIS: In terms of --

14 CHAIRMAN JACZKO: Let me ask you, do you
15 think we should be communicating more?

16 SCOTT MORRIS: Um, I think, given that
17 it's a foreign incident, we should not be
18 communicating.

19 CHAIRMAN JACZKO: Okay.

20 SCOTT MORRIS: But I think we need to be
21 ready to communicate when they make that jump to, what
22 are the --

23 CHAIRMAN JACZKO: To the US.

24 SCOTT MORRIS: -- what are the US plants
25 designed to --

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1 CHAIRMAN JACZKO: They're designed to --

2 SCOTT MORRIS: If there is a release, is
3 that going to impact the United States. And that's
4 the kind of questions and answers that we had
5 developed. But it's so unlike NRC in terms of our
6 communication --

7 MARGIE: (Off mic.)

8 SCOTT MORRIS: Okay, I got that. Thank
9 you.

10 CHAIRMAN JACZKO: It feels funny.

11 SCOTT MORRIS: Because we're in a battle
12 rhythm to communicate, you know, share with the
13 public, be open, let them know what we're thinking,
14 what we're doing. I mean --

15 CHAIRMAN JACZKO: Yeah.

16 SCOTT MORRIS: -- it's not our role in
17 this case.

18 CHAIRMAN JACZKO: Yeah.

19 SCOTT MORRIS: But it will become when
20 they shift their focus to the United States.

21 CHAIRMAN JACZKO: Okay. So should we go
22 through the latest status, and then --

23 SCOTT MORRIS: Sure. Sure.

24 CHAIRMAN JACZKO: -- a couple questions
25 then.

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1 SCOTT MORRIS: Sure.

2 CHAIRMAN JACZKO: An overview?

3 MALE PARTICIPANT: Unfortunately, there
4 hasn't been a lot of technical information that we've
5 gotten.

6 CHAIRMAN JACZKO: Oh, yeah?

7 MALE PARTICIPANT: -- from any, any
8 channels other than what we're getting from news media
9 outlets and the occasional press release, and they've
10 actually been kind of few and far between.

11 SCOTT MORRIS: There has been some
12 increased attention at the Daiini reactor.

13 (Whereupon, the parties made off-mic
14 comments on the record.)

15 SCOTT MORRIS: So we're trying to track
16 that down. We know that precautionary evacuations
17 were previously ordered for the unit, but we don't
18 have -- unless Margie has some new information.

19 MARGIE: No.

20 SCOTT MORRIS: We don't have any
21 information about the plant status of the plant, so if
22 there is something going on there, you know, that's
23 news to us.

24 CHAIRMAN JACZKO: Okay.

25 SCOTT MORRIS: We are reaching back

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1 through our Japanese counterparts a bit.

2 MALE PARTICIPANT: The best technical
3 information we've gotten actually came through out,
4 that call we had with Exelon, where we learned what
5 some of the damage, basically, the reason behind why
6 the diesel ran for a little while and then stopped
7 running.

8 The reactor safety guys are on the phone
9 with GE right now.

10 CHAIRMAN JACZKO: Okay.

11 MALE PARTICIPANT: And the, the real
12 headline out of that phone call is that GE's folks
13 down in Wilmington have had zero contact with their
14 people over there. They know that they're safe and
15 they weren't, I think they were off site or something.

16 But they really have no input from them at all about
17 the status of the facility. So it's frustrating.

18 And, of course, there's been a lot of
19 folks speculating. I mean, (inaudible) was on and a
20 handful of, you know, professors from around the
21 country, but --

22 CHAIRMAN JACZKO: Peggy, is Elliott on?

23 PEGGY: No, I'm not sure he knew about the
24 10:30. He knew about the 11:15.

25 CHAIRMAN JACZKO: Okay.

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1 Elliott, are you on?

2 ELLIOTT: Yes. Yes, I am. I, I had a
3 little difficulty connecting.

4 CHAIRMAN JACZKO: Is there any value in us
5 even putting out something that just says, you know,
6 people shouldn't be speculating, or we're not
7 speculating?

8 ELLIOTT: Here's, there's a lot of
9 feedback here.

10 The, the only issue I have is that events
11 over there are unfolding so quickly.

12 CHAIRMAN JACZKO: Okay.

13 ELLIOTT: It could reach conclusion by the
14 time I put something out.

15 CHAIRMAN JACZKO: Okay. Okay.

16 MALE PARTICIPANT: You know, I guess to
17 put a final thought on that, they've already had Matt
18 Walls (phon) on, so they've got --

19 CHAIRMAN JACZKO: Can we, can we
20 (inaudible) one conversation here?

21 MALE PARTICIPANT: They've already had
22 one; I mean they've already had one reporter
23 interviewing another one right now.

24 CHAIRMAN JACZKO: Right.

25 MALE PARTICIPANT: So there is obvious

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1 lack of factual information. You know, so --

2 CHAIRMAN JACZKO: So, from a technical
3 standpoint, we don't know too much more than we did
4 two or three hours ago.

5 MALE PARTICIPANT: (Inaudible).

6 CHAIRMAN JACZKO: And so summarize for me
7 what you think the technical situation to be.

8 MALE PARTICIPANT: Well, we actually --

9 MALE PARTICIPANT: We have Bill's --
10 (Simultaneous conversation.)

11 BILL RULAND: Chairman, we actually were
12 on the phone right now with General Electric.

13 CHAIRMAN JACZKO: Okay.

14 BILL RULAND: General Electric has been
15 basically getting the information off the wire that we
16 have, but they've been using the simulator, the
17 Dresden and Quad simulators, to try to tease out the
18 information.

19 CHAIRMAN JACZKO: I'm sorry, can I just,
20 before you go on, can I just double back? We had an
21 earlier call that indicated we would get a request for
22 assistance. Did that ever --

23 PEGGY: You mean with USAID?

24 SCOTT MORRIS: No. No, this is from the
25 Ambassador of Japan.

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1 CHAIRMAN JACZKO: If we do get that
2 request, did get that request, did we identify a GE
3 point of the contact for them?

4 SCOTT MORRIS: Well, we were talking with
5 them --

6 BILL RULAND: We were talking to them
7 right now.

8 CHAIRMAN JACZKO: So, if we get a request
9 from the Japanese for technical assistance, we have
10 someone here we can provide and we have a contact?

11 SCOTT MORRIS: Yes, sir.

12 CHAIRMAN JACZKO: Okay.

13 MALE PARTICIPANT: And it turns out nobody
14 from TEPCO has talked to GE.

15 CHAIRMAN JACZKO: Okay. And have we
16 reached out to NISA again?

17 MARGIE: Okay, I put you on the email
18 because Kirk (inaudible).

19 CHAIRMAN JACZKO: Okay.

20 MARGIE: We reached out to (inaudible) and
21 NISA, and (inaudible) sent her here.

22 CHAIRMAN JACZKO: Okay.

23 MARGIE: -- have somebody within hours.

24 CHAIRMAN JACZKO: Okay, that's --

25 MARGIE: Because what Kirk is going to

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1 need is -- someone in, a contact of his says we he
2 will be giving you the recent (inaudible), but he
3 hasn't gotten it yet.

4 CHAIRMAN JACZKO: Okay.

5 MARGIE: You can be monitoring it on the
6 email and you'll get something from Kirk.

7 CHAIRMAN JACZKO: Okay.

8 MALE PARTICIPANT: What we did, Andrea, we
9 reached both directions to kind of prime the pump.
10 But we have not received a formal (inaudible).

11 CHAIRMAN JACZKO: Okay.

12 MARGIE: (Inaudible) just in case you get
13 something (inaudible). You're going to be getting
14 stuff from all kinds of people. We've been getting
15 stuff from all kinds of people. (Inaudible) break it
16 up.

17 (Audio interference.)

18 SCOTT MORRIS: Do you want Bill to --

19 CHAIRMAN JACZKO: Yes.

20 SCOTT MORRIS: Okay, good. He's here.

21 BILL RULAND: Basically, the information
22 continues to be sparse. But just to reiterate, we --
23 and GE confirmed our view of what they have been
24 seeing. They did a simulator run --

25 CHAIRMAN JACZKO: Summarize for me what

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1 that is.

2 BILL RULAND: And -- basically that, you
3 know (inaudible) all the plants. Three of the plans
4 are, you know, have loss of off-site power; haven't
5 been able to restore any AC power. Their simulator
6 run, they predicted that Unit 1 would be about two and
7 a half to three PSIG. After three hours, instead,
8 they were at about 80 pounds in the containment, which
9 indicates to them and us that there's some sort of a
10 leak, you know, a loss-of-coolant accident at the
11 plant. And it looks like that plant is the worst.

12 CHAIRMAN JACZKO: You know already that
13 they've already entered that phase?

14 BILL RULAND: We checked the INES scale,
15 and they're at least at a Level III, which is a
16 serious incident. And the only reason we don't think
17 there are any more is we have sparse information.
18 They, I think I told you that the reason the diesel
19 failed is that all the diesel tanks were all above,
20 the fuel tanks were all above ground, and the tsunami
21 ripped the fuel tanks off, off their foundation.

22 GE said GE has like 70 people on site, but
23 they're now off-site. They were undermanaged.

24 But as far as we can tell, it continues to
25 proceed like we had thought. You know, our initial

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1 estimate is, if the worst plant, we start seeing any
2 damage, the earliest possible to see that damage would
3 be probably about midnight.

4 CHAIRMAN JACZKO: And that was Unit 2;
5 right?

6 BILL RULAND: Right.

7 ELLIOTT: And you mentioned three plants.

8 BILL RULAND: Right. Right. Not only
9 three plants, it -- and we just heard from GE that
10 apparently --

11 CHAIRMAN JACZKO: By "three plants," the
12 three units.

13 ELLIOTT: -- three units. Three units --
14 apparently, we heard from GE that there was an initial
15 earthquake at about two o'clock Eastern time, and that
16 additional earthquake caused the plant on the other
17 side of the island a loss of power, and the entire,
18 that entire island is completely dark. . .

19 CHAIRMAN JACZKO: Really?

20 BILL RULAND: Yes. And that's what,
21 that's what he just --

22 MALE PARTICIPANT: That's what he said.

23 BILL RULAND: And this is, you know, this
24 is secondhand, unverified, but they, GE has people on
25 the ground in Japan.

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1 CHAIRMAN JACZKO: Can we work to get that
2 confirmed and try and share that with the inter-agency
3 community?

4 BILL RULAND: So anyway, that's what we
5 heard. But as, as we said before, the same scenario,
6 you know, appears to us that there's been no
7 intervening actions or evidence that would say that
8 they're not proceeding down that path. But it's,
9 again, this is strictly, you know, gleaned from wire
10 service reports.

11 You know, what troubles us a little bit is
12 that TEPCO is not talking to GE. You know, GE's not
13 getting any information other than what we're getting.

14 ELLIOTT: There's been no news, related
15 news coverage on "radioactive steaming releases" from
16 -- but again, that's just --

17 BILL RULAND: Right.

18 ELLIOT: But again, that's just, I don't
19 know valid --

20 BILL RULAND: And, and that was, that's
21 the last report we saw was it was a thousand times
22 greater than background, which is consistent --

23 MALE PARTICIPANT: In the control room?

24 BILL RULAND: -- right -- which is
25 consistent with venting containment but not core

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1 damage.

2 CHAIRMAN JACZKO: Did we have these -- can
3 you put put these in a piece of paper for me, all of
4 these facts?

5 BILL RULAND: Sure. We, we, we have, we
6 have the briefing sheet that Tony used, and we'll see
7 if we can, we need to update that.

8 CHAIRMAN JACZKO: Yeah. And I want to
9 emphasize this. I think this is fundamentally a
10 communication error.

11 MALE PARTICIPANT: Yes, sir.

12 CHAIRMAN JACZKO: So it's important, when
13 we have information, to get it done into paper as
14 possible for two reasons. One, it allows us to have a
15 reference for what information we know and we don't
16 know, and it allows us to share that information as
17 immediately as possible.

18 BILL RULAND: We can really make a point
19 of doing that. As a matter of fact, we've been
20 organizing our press releases and, and that data.

21 CHAIRMAN JACZKO: Okay, good.

22 MALE PARTICIPANT: Can I go?

23 MALE PARTICIPANT: Yes, please.

24 CHAIRMAN JACZKO: Yes. If you can get
25 back to me -- and again, with all the information we

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1 have, let's make sure we've kind of resourced it, so
2 we indicate what the source of it is and --

3 (Simultaneous conversation.)

4 MALE PARTICIPANT: -- the previous sheet
5 we had, just, you know, all the press releases.

6 CHAIRMAN JACZKO: Okay. Good. Thank you.

7 (Simultaneous conversation.)

8 MARGIE: I'm sorry -- we (inaudible) about
9 doing something similar. So it's read it out, and
10 think about something similar and give it to a contact
11 in TV and just say, we're working on this, people are
12 working on this for you, and (inaudible).

13 CHAIRMAN JACZKO: Let's try to do that.
14 Let's do that.

15 MARGIE: (Inaudible) TEPCO. I can try --

16 SCOTT MORRIS: They should work through
17 regulator.

18 MARGIE: -- okay.

19 SCOTT MORRIS: All right.

20 Yeah, Ruland, go ahead?

21 BILL RULAND: Yeah, the other thing I was
22 going to mention was that, with respect to providing
23 engineering assistance --

24 CHAIRMAN JACZKO: Yeah.

25 BILL RULAND: -- we've identified an

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1 individual who's ready to go.

2 CHAIRMAN JACZKO: Okay.

3 BILL RULAND: It turns out that military
4 flights, but I guess all commercial flights in and out
5 of Japan --

6 SCOTT MORRIS: I think Mark is going to --
7 are you going to talk to that?

8 MARGIE: Okay. Okay, so let's just go to
9 it so I don't forget.

10 Okay, so we (inaudible) come to my email
11 as well.

12 Jim Trapp is the, he has experience from
13 Dresden, so there's competence. We sat down with him
14 and briefed him on Japan. He seems like a very like
15 he's very focused internationally. The one concern I
16 have is that he's going into a rural area and don't
17 speak too much Japanese. (Inaudible). We've done
18 that with Kirk, but the USAID team.

19 What we typically do is they're going, all
20 of the team, we put the individual, the (inaudible)
21 individuals would get together with a (inaudible),
22 everything that they're doing, take advantage of what
23 they're getting from (inaudible). It turns out that
24 there's a military flight, but it's leaving too early.

25 CHAIRMAN JACZKO: Okay, we've got to get

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1 somebody off the team --

2 MARGIE: It's leaving in an hour. They
3 didn't tell us that, so --

4 CHAIRMAN JACZKO: Okay, well, we need to
5 get somebody on that.

6 MARGIE: Well, what they want to do is
7 they want to fly into Narita.

8 MALE PARTICIPANT: Tomorrow morning.

9 MARGIE: That's what USAID wants to do is
10 fly --

11 CHAIRMAN JACZKO: We don't have anyone we
12 can get on an earlier flight?

13 MARGIE: Sir, it's leaving in an hour.
14 They, they didn't, neither called --

15 CHAIRMAN JACZKO: Let's, let's double back
16 and say we can't get somebody on there.

17 MARGIE: I don't know --

18 CHAIRMAN JACZKO: 11:30, that's all?

19 MALE PARTICIPANT: That's 45 minutes.

20 MARGIE: They just told me 15 minutes ago.

21 MALE PARTICIPANT: Half an hour to
22 anywhere.

23 CHAIRMAN JACZKO: Okay, you have to solve
24 it. I'd like to run that into the ground and make
25 sure that we don't miss an opportunity to get somebody

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1 out there earlier. If it's not the best person, we
2 run that and we, we'll, yeah, we'll get the person on
3 AID flight later, but we'll --

4 MARGIE: No, no, no --

5 CHAIRMAN JACZKO: But let's get somebody -
6 -

7 MALE PARTICIPANT: He's not, not from
8 here, but we have --

9 MARGIE: They need a current passport.
10 They can't get onto the country without a passport,
11 and that, I can't make happen.

12 MALE PARTICIPANT: Right.

13 (Simultaneous off-mic conversation.)

14 MALE PARTICIPANT: We can run down reactor
15 safety team members. They have the whole -- just give
16 call --

17 MALE PARTICIPANT: We have an hour, less
18 than an hour, 45 minutes.

19 MARGIE: Can you, can you please ask
20 (inaudible) to call Kevin and see --

21 MALE PARTICIPANT: We lift off from Dulles
22 at 11:30.

23 CHAIRMAN JACZKO: Okay, so you'll work on
24 that. If we can't find somebody, we can't, but let's
25 not -- yeah.

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1 MARGIE: Okay. All right. And we know
2 there is --

3 MALE PARTICIPANT: But there is a
4 commercial flight tomorrow.

5 MARGIE: There is. There is, there's some
6 place in Korea and what we're working on that now is
7 getting him hooked up with the team.

8 I absolutely agree with you. I just
9 wanted to go separate, and they didn't tell us it was
10 leaving 11 (inaudible) tomorrow morning.

11 CHAIRMAN JACZKO: Right.

12 MARGIE: Okay. This is the (inaudible).

13 CHAIRMAN JACZKO: Sure.

14 MARGIE: With working with other
15 countries, what we had decided early on is that we
16 would not give other countries anything that we were
17 analyzing based on hypothesis -- that's my word for it
18 -- so we decided, because that wouldn't be a good
19 idea. They'd say (inaudible) said, whatever.

20 Okay, so we have the Russians on the
21 ground. We didn't share much; only what was public.

22 IRSN has recently called. That's a
23 technical organization. And I said you are not to go
24 (inaudible). But we've asked them to call our number.
25 What they're comfortable with, which I think is okay,

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1 is just giving them the specific information that's
2 been confirmed, not our analysis.

3 CHAIRMAN JACZKO: Okay. Yeah, that's
4 fine. No problem then.

5 MALE PARTICIPANT: Bill Ruland
6 (inaudible).

7 CHAIRMAN JACZKO: [REDACTED]

8 [REDACTED] 5
9 [REDACTED]
10 [REDACTED] Let's put it this way. By the
11 time this other plane will get off the ground in the
12 morning, Bill is there.

13 MALE PARTICIPANT: But it's not our event.

14 MARGIE: It's still (inaudible) hooking
15 them up. I've got two people working on that right
16 now (audio interference) get somebody on the team who
17 really has --

18 BILL RULAND: Well, what's the viability
19 of asking DOD to or whoever to wait an hour --

20 MARGIE: I did. I said, you can go
21 tomorrow morning; wait.

22 BILL RULAND: -- we're not, we're not
23 going to wait.

24 CHAIRMAN JACZKO: So let me get -- do you,
25 do you think it's worth grabbing the first plane?

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1 BILL RULAND: If the view is you need
2 somebody on the team and the only way to get them
3 there is to be with the initial team. I wouldn't send
4 Jack Ramsay because (audio interference).

5 CHAIRMAN JACZKO: So what's your, what's
6 your thought? Do you think you're more valuable
7 getting on a plane and going to Japan or staying here?

8 BILL RULAND: Well, it's either Tony Ulises
9 or myself. Both have, I have a (audio interference) -
10 - taking my official passport.

11 MARGIE: By official, you (inaudible)
12 personal because it's --

13 BILL RULAND: No, not with me. I think
14 Tony Ulises might have an official passport -- I mean
15 he might have a personal.

16 Let me, let me go check. Tony Ulises might
17 have a personal passport with him. Let me see.

18 MARGIE: (Inaudible) because we don't
19 (inaudible) but I can see if I can get that --

20 CHAIRMAN JACZKO: Okay. So let's do
21 everything we can to get somebody on that plane.

22 MALE PARTICIPANT: Certainly, if it's
23 somebody in the NRC, it would be Northern Virginia.

24 CHAIRMAN JACZKO: Okay. Keep, keep
25 working on it and let me know what we've got.

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1 MARGIE: Can you check -- we need
2 dosimetry and Ki.

3 MALE PARTICIPANT: Dosimetry and --

4 MARGIE: We thought we had a CT scan.

5 MALE PARTICIPANT: Yeah, we --

6 SCOTT MORRIS:

7 MALE PARTICIPANT: We did, and the
8 dosimetry is out of date and (inaudible).

9 SCOTT MORRIS: Ki?

10 MARGIE: We have Ki. I think (inaudible)

11 --

12 SCOTT MORRIS: Okay, great. And the
13 status report is (inaudible) he lives 15 minutes away.

14 He's going toward Dulles.

15 CHAIRMAN JACZKO: Okay. Let's do
16 everything we can to --

17 MALE PARTICIPANT: But he would have to
18 get on the plane --

19 MARGIE: Well, they're holding it for 15
20 minutes, 20 minutes, I think. I mean, we can see if
21 they --

22 CHAIRMAN JACZKO: Okay, let's, let's do
23 what we need to do to notify people that we're working
24 to get somebody on the plane and see what we can do.

25 MALE PARTICIPANT: Okay. Sure.

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1 MARGIE: Can I just confirm?

2 CHAIRMAN JACZKO: Sure.

3 MARGIE: I'm going to put together a
4 message.

5 CHAIRMAN JACZKO: Okay.

6 MARGIE: And put together message and see,
7 to give a contact if we need to get that through
8 (inaudible). We get somebody else on --

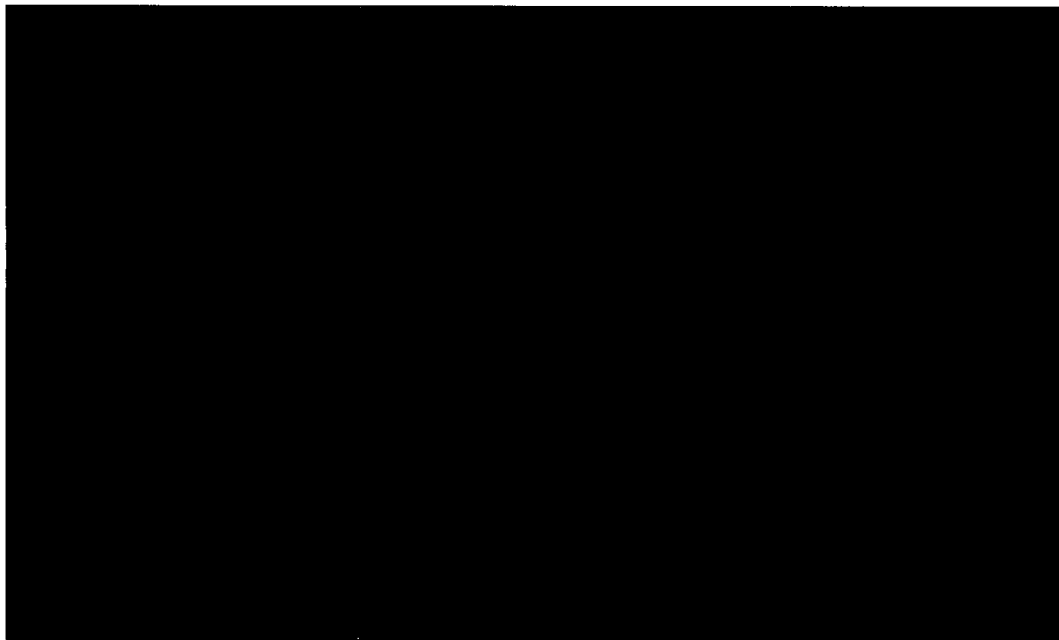
9 MALE PARTICIPANT: That's the guy to --

10 MARGIE: Okay, we're going to get, we're
11 going to get him on this flight, and we'll try to get
12 them all the information that we just got from --

13 MALE PARTICIPANT: We're going to try to
14 get him on on this flight.

15 MARGIE: I, I, I understand, and I'll do
16 all I need to do.

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[REDACTED] But again, it's not our event. We're not interfering with the regulators.

CHAIRMAN JACZKO: Yeah, okay.

MALE PARTICIPANT: What I don't have knowledge of -- Margie walked out -- is what, you know, what access have we had? Are we getting a frequent update from our NISA counterpart in --

MALE PARTICIPANT: I think what she said was, no, we're not getting any.

MALE PARTICIPANT: I -- yeah.

CHAIRMAN JACZKO: What about IAEA? Are we getting anything more from IAEA?

MALE PARTICIPANT: We've got one --

SCOTT MORRIS: One more press release just in the book.

CHAIRMAN JACZKO: Do we have a contact directly with their ops center?

SCOTT MORRIS: Yes.

MALE PARTICIPANT: Yes.

SCOTT MORRIS: And we have been going back to them on a periodic basis, you know, but again, all they're --

MALE PARTICIPANT: All they're getting, like GE and everybody else, we're getting --

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1 (Audio interference.)

2 MALE PARTICIPANT: Are you ready to leave?

3 MALE PARTICIPANT: I'm ready to go
4 whenever you are, to go to the airport, yes.

5 MALE PARTICIPANT: We'll get that process
6 facilitated. We'll --

7 MALE PARTICIPANT: You want me to get my
8 passport? I don't keep my personal --

9 (Simultaneous conversation.)

10 MALE PARTICIPANT: Personal.

11 MALE PARTICIPANT: (Inaudible).

12 MALE PARTICIPANT: Perfect. Follow me.

13 MALE PARTICIPANT: Okay.

14 MALE PARTICIPANT: Thanks.

15 CHAIRMAN JACZKO: Thanks, guys.

16 MALE PARTICIPANT: And as a backup group,
17 let's keep the second person ready to go.

18 MALE PARTICIPANT: Okay.

19 CHAIRMAN JACZKO: Okay, so let's go back
20 then. So, diplomatic channels, that'll get better
21 access to information (audio interference) would be
22 worthwhile.

23 MALE PARTICIPANT: I agree.

24 MALE PARTICIPANT: You don't happen to
25 have your passport on you, do you?

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1 MALE PARTICIPANT: We're hamstrung in our
2 ability to provide anything meaningful in terms of
3 (inaudible).

4 CHAIRMAN JACZKO: Have we done, have we
5 put together an update, the kind of update sheet we
6 had before with the latest information?

7 MALE PARTICIPANT: That's right. Bill was
8 going to go up then do --

9 (Simultaneous conversation.)

10 MALE PARTICIPANT: I was looking for it.
11 I couldn't find it.

12 SCOTT MORRIS: But what we did on the SET
13 report is that we placed priority on the Qs & As --

14 SCOTT MORRIS: Okay.

15 SCOTT MORRIS: -- to get those ready
16 because we really didn't have any substantive updates
17 based on new information.

18 CHAIRMAN JACZKO: Okay. Fine.

19 SCOTT MORRIS: We can update them, but
20 it's a little bit of a longer time cycle than getting
21 the Qs & As in place.

22 CHAIRMAN JACZKO: I think what Bill just
23 told me, I think is information that we probably
24 should share --

25 MALE PARTICIPANT: Okay.

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1 CHAIRMAN JACZKO: -- at an OUO, whatever
2 sensitivity level we need to share it.

3 SCOTT MORRIS: Okay.

4 CHAIRMAN JACZKO: I'm going to forward you
5 an email from an individual at the White House and
6 make sure, if you could, make sure to add them to one
7 of the distributions.

8 MALE PARTICIPANT: Okay.

9 CHAIRMAN JACZKO: I'll go do that right
10 now, and I'll call him back.

11 (Audio interference.)

12 MALE PARTICIPANT: While you're looking at
13 that, that PMT is working on scenarios with NOAA and
14 with NNSA.

15 CHAIRMAN JACZKO: Okay.

16 SCOTT MORRIS: We talked about three
17 scenarios. We encouraged them to do a fourth
18 scenario.

19 The scenarios are the Unit 1 source term
20 with a vented containment, like currently is going on.

21 CHAIRMAN JACZKO: Okay.

22 SCOTT MORRIS: Another one would be a 10-
23 percent tap release, filtered.

24 CHAIRMAN JACZKO: Okay.

25 SCOTT MORRIS: And then another one would

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1 be a 10-percent gap unfiltered release.

2 CHAIRMAN JACZKO: Okay.

3 SCOTT MORRIS: And a fourth one we pushed
4 for was a core melt scenario, where we it goes through
5 the base mat and you have a ground release.

6 CHAIRMAN JACZKO: And that would be in
7 order of a larger scenario.

8 MALE PARTICIPANT: Right.

9 CHAIRMAN JACZKO: And so, but the fourth
10 one, they were reluctant to do, or?

11 SCOTT MORRIS: They weren't reluctant to
12 do it. They just weren't working on it yet. It
13 sounded like they were near to having the first three
14 more or less done.

15 CHAIRMAN JACZKO: Okay.

16 MALE PARTICIPANT: So they're really doing
17 the other one. The other thing we talked about with
18 respect to the scenarios is whether we should be doing
19 a scenario for Unit 1 or for Unit 2?

20 CHAIRMAN JACZKO: Um-hmm.

21 MALE PARTICIPANT: They were using Unit 1
22 because (inaudible). Unit 1's a smaller unit. Unit 2
23 seemed to be the one more in trouble.

24 CHAIRMAN JACZKO: Yeah. So they're going
25 to go back and look at that, and what would the

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1 difference be in terms of the (inaudible).

2 MALE PARTICIPANT: There has been press
3 reporting about the Daiini facility.

4 SCOTT MORRIS: Right. We talked about
5 that before when Bill was in here, but we still don't
6 have knowledge about what is their condition.

7 CHAIRMAN JACZKO: Okay.

8 SCOTT MORRIS: So I think that's the
9 substantive update.

10 MALE PARTICIPANT: The Qs and As?

11 MALE PARTICIPANT: Yep.

12 SCOTT MORRIS: Now these are, these are
13 drafts. We realize these will continue to evolve.

14 MALE PARTICIPANT: We can share them when
15 --

16 SCOTT MORRIS: Folks on the phone don't
17 have them.

18 MARGIE: I'll get these out of here.

19 SCOTT MORRIS: Okay.

20 BILL RULAND: Do you have them?

21 Been Speaker.

22 FEMALE SPEAKER: I don't have them.

23 BILL RULAND: For those on the phone,
24 we've put together 10 or 11 Qs and As. We can share
25 those with you.

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1 MALE PARTICIPANT: That would be great.

2 SCOTT MORRIS: If you want to take those
3 with you.

4 MALE PARTICIPANT: Yeah.

5 SCOTT MORRIS: We'll continue to work
6 these overnight.

7 CHAIRMAN JACZKO: Okay, good.

8 SCOTT MORRIS: And by tomorrow morning, we
9 should be better on the answers.

10 CHAIRMAN JACZKO: Okay.

11 SCOTT MORRIS: And, and I think one thing
12 we can do is continue to watch news coverage and just
13 anticipate questions that may continue to evolve
14 overnight and be ready to respond.

15 CHAIRMAN JACZKO: Yeah.

16 SCOTT MORRIS: At some point, the question
17 will be, do you want to share these with the other
18 federal partners? And --

19 CHAIRMAN JACZKO: Probably not until we
20 feel like there's less draft.

21 MALE PARTICIPANT: Correct.

22 CHAIRMAN JACZKO: Understand that I could
23 use these at any moment, so if there's anything in
24 here that is not accurate, let's not put it in. But -

25 -

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1 MALE PARTICIPANT: I'd say it's all
2 accurate.

3 SCOTT MORRIS: Yes, sir.

4 MALE PARTICIPANT: It may not be --
5 (inaudible).

6 (Laughter.)

7 CHAIRMAN JACZKO: Okay, thank you. And
8 we've reached out to people so they know who's coming?
9 Okay, thank you. I appreciate it.

10 Okay. What else?

11 SCOTT MORRIS: I think that's all.

12 BILL RULAND: We're, we're going to do a
13 turnover and we're going to do a specific brief at
14 11:15.

15 CHAIRMAN JACZKO: And let's do it, keep
16 that short and to the facts.

17 SCOTT MORRIS: Right.

18 CHAIRMAN JACZKO: I think they'll want
19 that to become a what-if scenario.

20 SCOTT MORRIS: Right.

21 CHAIRMAN JACZKO: So it's very important.
22 Josh will be on the line. If it gets that way, he'll
23 take the heat for cutting it off at the pass. Good
24 luck.

25

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[REDACTED]

At this point, would you say that there's anything that I should respond to with that?

SCOTT MORRIS: I think it's --

MALE PARTICIPANT: Our, our simulation, based on what we know, seems to have this thing turning in the wrong direction.

SCOTT MORRIS: So, but that's not a significant update --

MALE PARTICIPANT: It's not a significant update. Since your last conference call, we haven't had anything to suggest to us that it's, it's breaking and things are getting better or worse.

MALE PARTICIPANT: (Inaudible).

CHAIRMAN JACZKO: Okay. I tell you, if I respond and say that, that is -- from what can gather, it's continuing --

MALE PARTICIPANT: If nothing else changes, then it's going to continue to get worse.

CHAIRMAN JACZKO: Okay.

SCOTT MORRIS: And we're challenged by not having plant status?

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1 MALE PARTICIPANT: No good news is bad
2 news. Very bad news.

3 CHAIRMAN JACZKO: Okay, well, that's
4 probably, if we can get Bill if he gets back, a kind
5 of sense --

6 SCOTT MORRIS: In his --

7 CHAIRMAN JACZKO: -- in the update of his
8 and get that around to the federal family as soon as
9 possible in an email, that would be --

10 SCOTT MORRIS: Okay.

11 CHAIRMAN JACZKO: -- that's important.

12 SCOTT MORRIS: All right.

13 CHAIRMAN JACZKO: It's not significantly
14 new information, but it is information, though
15 slightly differently characterizing it.

16 CHAIRMAN JACZKO: The last update really
17 was the IAEA summary of the status of the three units.

18 MALE PARTICIPANT: Yeah, which was not
19 very positive.

20 CHAIRMAN JACZKO: Yeah, right. But I
21 think putting in writing what generally you just told
22 me, again, would be appropriate in sourcing and put it
23 out to people. So we should have that by 11:30.

24 MALE PARTICIPANT: They have all the
25 facts. They have all facts.

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1 MALE PARTICIPANT: Yeah, we'll get it
2 reviewed during turnover.

3 CHAIRMAN JACZKO: Okay, so --

4 SCOTT MORRIS: Let's get them on.

5 CHAIRMAN JACZKO: -- follow me closely.
6 I'll do my best. And if we need to postpone anything
7 to get that together -- you know, again, as I think
8 about this, this is fundamentally a communication
9 event for us, so the priority is on getting access to
10 information and getting it distributed because nobody
11 else in the federal government has as much information
12 as we do, nor does anyone else in the federal
13 government have the expertise that we have. We want
14 to continue to give them our expert judgment because,
15 otherwise, they'll be filling in the dimensions.

16 MALE PARTICIPANT: We can interpret this -
17 -

18 CHAIRMAN JACZKO: Exactly.

19 SCOTT MORRIS: Okay. Great.

20 CHAIRMAN JACZKO: Thanks, everybody.

21 SCOTT MORRIS: Thank you.

22 CHAIRMAN JACZKO: And if things changed,
23 call me any hour. If you want to give me a call a
24 couple hours just to give me an update, then fine.

25 MALE PARTICIPANT: There'll be a new, new

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1 crew in here starting about seven tomorrow morning.

2 CHAIRMAN JACZKO: And so, then, let's
3 plan, absent anything materializing overnight,
4 updating me at -- what would be a good time in the
5 morning?

6 MALE PARTICIPANT: How about 6:30, 7:00?
7 The seven o'clock time?

8 CHAIRMAN JACZKO: Okay.

9 MALE PARTICIPANT: We'll probably come in
10 at 630-ish.

11 MALE PARTICIPANT: Chairman, before you --
12 (Audio interference.)

13 CHAIRMAN JACZKO: Okay, I'll try to call
14 in at seven. And thanks everybody.

15 MARGIE: Scott will be here overnight
16 (inaudible).

17 CHAIRMAN JACZKO: And again, although the
18 threshold, if something happened, if misinformation
19 starts propagating, do what we need to do. I think
20 the federal family is engaged as they can. The White
21 House is engaged as much as it can. But if there's
22 inaccurate information, then we need to correct, let's
23 get out there and correct it.

24 MALE PARTICIPANT: Excuse me, Mr.
25 Chairman.

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1 CHAIRMAN JACZKO: Yes?

2 MALE PARTICIPANT: Are you waiting for
3 that briefing sheet before you leave? (Inaudible)
4 wanted to know how much time he had.

5 SCOTT MORRIS: It'll be thirty minutes.
6 Close. If you've got it, I'd love to see it before it
7 goes out, but --

8 MALE PARTICIPANT: It's going to come here
9 first, I'm sure.

10 CHAIRMAN JACZKO: Okay, good.

11 MALE PARTICIPANT: How do we spell Tony's
12 last name?

13 MALE PARTICIPANT: We need that for
14 clearance and all that stuff.

15 MALE PARTICIPANT: Ulises is U-L-S-E-S.

16 MALE PARTICIPANT: U-L-S-E-S, thank you.

17 MALE PARTICIPANT: there's a commercial
18 charter flight that's leaving, a non-military flight,
19 and it's --

20 MALE PARTICIPANT: Anthony --

21 (Simultaneous conversation.)

22 MALE PARTICIPANT: Middle name, anybody?
23 Does anybody have it?

24 MALE PARTICIPANT: I should be in the NRC
25 director.

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1 SCOTT MORRIS: Just look in the NRC
2 directory. It should be in the NRC directory.

3 MALE PARTICIPANT: So, Dan, your tech tag
4 number?

5 CHAIRMAN JACZKO: I'm going to put you on
6 an email that (audio interference) head back to the
7 White House. Are you or Dan --

8 MALE PARTICIPANT: Dan's not going.
9 (Audio interference).

10 SCOTT MORRIS: Anything for the folks on
11 the phone?

12 ELLIOTT: Yeah, this is Elliott. I did
13 not hear what our start time in the morning was.

14 SCOTT MORRIS: The call with the Chairman
15 will be at seven o'clock.

16 ELLIOTT: Okay.

17 JOSH BASKIN: None from Josh. Thank you.

18 SCOTT MORRIS: Okay.

19 Becky, anything from you?

20 BECKY: No. I'll be there at seven in the
21 morning. I switch over with Jean.

22 SCOTT MORRIS: Okay, very good.

23 (Whereupon, there was a long pause on the
24 record.)

25 MALE PARTICIPANT: So who do we want share

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1 that with?

2 SCOTT MORRIS: The people we've been
3 pumping information out to in terms of our situation
4 report, including the additional name that the
5 Chairman (audio interference) said.

6 MALE PARTICIPANT: I just want to be clear
7 who we let out to.

8 SCOTT MORRIS: We need to mark it
9 appropriately.

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1 (CONFERENCE CALL INITIATED.)

2 MALE PARTICIPANT: I don't know whether
3 it's reliable information. We have it secondhand.

4 SCOTT MORRIS: They said that there was a
5 total blackout of --

6 MALE PARTICIPANT: On the island.

7 SCOTT MORRIS: -- on the island.

8 MALE PARTICIPANT: And that's not what
9 we're hearing.

10 SCOTT MORRIS: Yeah, definitely not.

11 MALE PARTICIPANT: That's (inaudible)
12 correct because we're talking, or have talked to
13 someone on one of the islands that island that had
14 wattage. The Navy base had a loss of power. So the
15 island itself --

16 SCOTT MORRIS: Yeah.

17 MALE PARTICIPANT: -- is not a total
18 blackout. I, I heard it in here, and I just want to
19 make sure that we don't --

20 SCOTT MORRIS: That's why we said, well --

21 MALE PARTICIPANT: Yeah, and we never saw
22 the outline press release.

23 (Simultaneous conversation.)

24 MALE PARTICIPANT: Yeah, but they may -- I
25 don't think they left all the power.

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1 MALE PARTICIPANT: There are two federal
2 liaisons team members. They're both ex-Navy or
3 current Navy, and both are in Japan, so they're
4 reaching out to their friends and (inaudible) piece,
5 and I think if they can establish any links and get us
6 a TBD, it would be whatever we can find for
7 information in order to preclude those (inaudible).

8 MALE PARTICIPANT: Okay. Thank you.

9 MALE PARTICIPANT: I'm going to leave
10 after I turn it over to Sam.

11 MALE PARTICIPANT: Thank you. I
12 appreciate it.

13 MALE PARTICIPANT: There's a nuclear plant
14 worker on the phone?

15 SCOTT MORRIS: No. She's on the phone off
16 and just --

17 MALE PARTICIPANT: All right, for those of
18 you on the phone, we're going to go on mute.
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1 (CONFERENCE CALL INITIATED.)

2 (Roster playback.)

3 SCOTT MORRIS: Is this a Scott Morris in
4 the Headquarters Operations Center. As you probably
5 know, the NRC is in a monitoring mode right now,
6 monitoring the after-effects of the earthquake and
7 tsunami in Japan, which has affected the two, two
8 units in particular that I'm going to discuss tonight,
9 the Daiichi Unit 1 and 2, both boiling water reactor
10 facilities, Unit 1 being an older, vintage boiling
11 water reactor similar to Oyster Creek or Dresden, Unit
12 2 being slightly more modern but still an, an older
13 Mark 1 containment design.

14 Before I say much about the technical
15 aspects of what's happening at those facilities, I
16 just wanted to just point out that most of what we're
17 getting is from press releases from the company TEPCO,
18 some information from the Japanese regulatory agency,
19 and essentially media reporting that we're getting on
20 the newswires and on the cable news networks.

21 So I will say that it's, the, the, the
22 level of, or, the quantity and quality of information
23 that we're getting is, is less than what we would,
24 that we're normally accustomed to, and it's been
25 rather frustrating.

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1 But aside from that, what we do know is
2 that the units are shut down. They have in fact lost
3 off-site power. The diesel generators apparently did
4 start and run for a period of time, but a 35-, what's
5 been reported as a 35-foot wave hit the site, and what
6 we've learned is that most of the infrastructure
7 supporting the facility is above ground, including the
8 diesel fuel oil storage tank, which apparently was
9 swept off its stanchions, and that's essentially the
10 reason why the diesel ultimately stopped operating and
11 the plants were eventually in a station blackout
12 scenario, with only their battery power and steam-
13 driven pumps available.

14 Unit 1 is an iso-, isolation condenser
15 plant, so it's a passive design for, you know, core
16 isolation cooling. But Unit 2 has a reactor core
17 isolation cooling system, what's basically a small
18 steam turbine that can provide makeup. And at least
19 until such time as, or, while makeup water is
20 available. It's not clear at this point whether even
21 those are operating.

22 The, so, essentially, we're in a, what we
23 believe is a, a station blackout scenario, that it's
24 been that way for several, upwards of 12, 14 hours
25 now. What we also know from reporting is that

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1 containment pressure has, has risen substantially.
2 We've heard reports of upwards of 80 pounds, 80 PSIG,
3 in the containment building. That is in excess of the
4 design, design of those containment structures,
5 assuming, of course, that they're built to the same
6 specs that a similar design in the United States is
7 built.

8 We heard that, we also heard reporting
9 that the operators were attempting to vent that
10 containment, to, you know, to relieve some of that
11 pressure, obviously in an effort to ensure that there
12 isn't some catastrophic failure of that containment
13 structure. It's not clear whether that's been
14 successful. We've heard conflicting reports in the
15 media about steam releases, radioactive steam
16 releases, from the facility. None of that's been
17 confirmed.

18 Our reactor safety team here has spoken
19 with General Electric's support facility. They've
20 spoken with Exelon Corporate, who was contacted by GE
21 asking Exelon to run some simulator scenarios on their
22 Quad, Quad Cities simulator as well as their Dresden
23 simulators to run through a few different scenarios to
24 try to get a handle on the type of, you know, timing
25 of what they might expect certain things to happen in

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1 the facility.

2 Our own, the reactor safety team here --
3 again, given the sketchy information that we have and
4 using the knowledge and skills that our team has --
5 basically have determined that, you know, if this
6 continues, if this station blackout situation
7 continues unabated, then there will likely be some
8 kind of core damage, and if containment pressure gets
9 worse, they're going to have to, they're going to have
10 to somehow find a way to relieve that, which obviously
11 would, is not a good thing, but it's better than a
12 catastrophic failure.

13 They've looked at how this would rate on
14 the INES scale, International Nuclear Event Scale, and
15 apparently it was rated the Level III at least.

16 The United States federal family -- there
17 have been a number of meetings convened at the White
18 House level and we've had a number of interactions
19 with our partners, both domestic partners and
20 international partners, and we are prepared to, or we
21 are attempting to -- let me back up.

22 The USAID, which is part of the State
23 Department, is putting together a team of technical
24 assistants from the federal family, including the NRC,
25 to, to get on a military flight this evening to travel

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1 to Tokyo -- I'm sorry, to travel to Japan; I'm not
2 exactly sure where they'll land -- but, in order to
3 provide technical assistance.

4 It's not clear whether our, the NRC
5 technical person will be able to make that military
6 flight tonight. We're hoping to get him on it. It
7 was supposed to leave at 11:30. If not, there's a
8 commercial flight. We're looking at tomorrow morning.

9 But the point I'm trying to make is that we are
10 trying to provide some kind of support to them.

11 We've heard that the, the Japanese
12 government is interested in, in getting engineering
13 assistance from us. We do know that, we have heard
14 through certain channels that they're not looking for
15 the sort of aerial monitoring from the United States
16 but rather just engineering assistance.

17 Let's see. We've put together a series of
18 questions and answers. We're continuing to refine
19 them. We have shared those with the Chairman. And
20 again, we'll, as we learn more, we'll continue to
21 refine those.

22 The staff is working shift work. We're in
23 the middle or just completed a turnover at 11 o'clock,
24 and we'll do another turnover tomorrow morning at, at
25 7:00 a.m. So we're looking at rosters and how to

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1 provide continuing support and follow-up to this event
2 going forward.

3 Subject to your questions, that's all I
4 have.

5 MALE PARTICIPANT: Scott, do you want to
6 talk a little bit about the (inaudible) ET?

7 SCOTT MORRIS: Yes.

8 I, I, I take it from the silence there
9 aren't any questions.

10 Dan Dorman will be leading the executive
11 team through the evening, as well as myself, will be
12 here. We've also got a full complement of our liaison
13 team. We've also got reactor safety team personnel,
14 as well as protective measures personnel and a variety
15 of support staff.

16 MALE PARTICIPANT: But not full teams?

17 SCOTT MORRIS: But not full teams,
18 correct.

19 JOSH BASKIN: Scott, this is Josh Baskin.

20 I just wanted to confirm, is there someone from
21 Commissioner Apostolakis's office on the phone? I
22 heard the other three, but not that one.

23 MALE PARTICIPANT: This is the
24 headquarters operations officer. I placed a lot of
25 people on mute because of the feedback. If you need

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1 to speak, hit star-6 again.

2 MALE PARTICIPANT: Okay, well, I'll stay
3 here until, for another minute or so.

4 MALE PARTICIPANT: Josh, we did not also
5 hear Commissioner Apostolakis's office come on.

6 JOSH BASKIN: Okay. (Inaudible.)

7 MALE PARTICIPANT: Okay.

8 SCOTT MORRIS: There hasn't been -- I'll
9 just add, there hasn't been a lot of, there's
10 obviously been a lot of media interest in what's
11 happening in Japan, but, but we've not, we at the NRC
12 have not received a lot of inquiries, at least not
13 yet. That doesn't mean we're not preparing for that,
14 and that's the basis for is putting together --

15 HOLLY: Au contraire.

16 SCOTT MORRIS: Oh, well, Holly's here to
17 tell me differently. She's just been putting them
18 off, I guess.

19 HOLLY: We have been responding as
20 appropriate to media inquiries, but we've not been
21 anybody out in front of the camera.

22 SCOTT MORRIS: Well, that's fair.

23 HOLLY: That's our strategy for now. That
24 is likely to change over the weekend as, as
25 circumstances change.

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1 There are two press releases out, by the
2 way, and two blog posts.

3 SCOTT MORRIS: Okay. Good.

4 HOLLY: And by the way, we got 200
5 visitors to the blog today -- I'm sorry -- 2,000
6 visitors.

7 SCOTT MORRIS: Two thousand visitors to
8 the blog today.

9 MALE PARTICIPANT: (Inaudible)?

10 HOLLY: There were a few that had to do
11 with speculating what was happening in Japan, and
12 those weren't posted. And we addressed those in the
13 second post that we weren't posting comments based on
14 speculation.

15 SCOTT MORRIS: Okay.
16 Scott.

17 MALE PARTICIPANT: Scott is doing OPA
18 overnight?

19 HOLLY: Scott will be in here all night,
20 and Elliott will be in in the morning.

21 MALE PARTICIPANT: There have been a
22 variety of "technical experts" being interviewed by
23 various media outlets, including, including Ed Lyman
24 and a professor from MIT and a professor from the
25 University of Georgia.

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1 Are there any questions?

2 MIKE FRANOVICH: Scott, this is Mike
3 Franovich. I have just a quick question. I just want
4 to make sure, do we have any information on Daiini? I
5 thought the TEPCO site had indicated that the four
6 units there were now being directed to do containment
7 venting.

8 SCOTT MORRIS: I don't know -- I have not
9 heard that. What we have heard about Daiini he is
10 that -- and for those on the phone who don't know,
11 it's fairly, there's four units at Daiini that are in
12 relative close proximity to the Daiichi facility.
13 What we've heard is that, well, we've heard mixed
14 reports, but we, we haven't heard anything that was as
15 dire as what we heard for the Daiichi units, so what
16 you're sharing with us now is new to me, new to us.

17 MIKE FRANOVICH: Yeah, I think it just
18 went, posted on the TEPCO site here just before the
19 phone call.

20 SCOTT MORRIS: Okay. Well, we'll
21 obviously look into that.

22 JENNIFER YULE (phon): Scott, this is
23 Jennifer Yule. What do they mean by "technical
24 assistance"? I mean, obviously, they're following the
25 EOPs, right, the plans for station blackouts?

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1 SCOTT MORRIS: Well, we can only assume
2 because we haven't been in direct contact with them.

3 The, the request that we got -- and by the
4 way, we do have a technical staff member down at USAID
5 who's been on their, participating in their
6 discussions down there. I've not spoken with him
7 directly in the last two hours, but the engineering
8 assistance is all we've heard.

9 MALE PARTICIPANT: Yeah, until that
10 request comes in, Jennifer, we won't know, so -- they
11 don't have, by the way, symptom-based EOPs.

12 JENNIFER YULE: Well, it's pretty clear
13 what's happening with the station blackout, I would
14 think.

15 MALE PARTICIPANT: Oh, yeah.

16 SCOTT MORRIS: Any other questions?

17 JENNIFER YULE: Just to point out, our
18 SORCA analysis for Peach Bottom Unit 1 -- it's a Mark
19 1 design, and this a long-term station blackout. It's
20 something that we've analyzed, and so we've got a
21 pretty detailed time line if you want to look at that,
22 including what the consequences would most likely be
23 from whatever release may happen.

24 SCOTT MORRIS: All right. We, we actually
25 have the chart from that SORCA analysis sitting right

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1 here in front of us.

2 JENNIFER YULE: All right, good.

3 SCOTT MORRIS: Any other questions?

4 (No response.)

5 SCOTT MORRIS: All right, thank you.

6 JOSH BASKIN: Thank you guys very much.

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1 (CONFERENCE CALL INITIATED.)

2 DAN DORMAN: Go ahead, Chairman.

3 CHAIRMAN JACZKO: Hi, Dan. How are you?

4 DAN DORMAN: Hi, chairman.

5 CHAIRMAN JACZKO: Are you getting email?

6 DAN DORMAN: Yes.

7 CHAIRMAN JACZKO: Did you get the email
8 that I just forwarded you?

9 DAN DORMAN: Hang on. I'll check. Yes, I
10 did.

11 CHAIRMAN JACZKO: Can you get me back, in
12 10 minutes, just a high-level analysis of what that
13 means?

14 DAN DORMAN: Yes, sir.

15 CHAIRMAN JACZKO: Ten minutes -- I need it
16 right away.

17 DAN DORMAN: Okay.

18 CHAIRMAN JACZKO: Just in an email --
19 again, just high-level assessment of what we think
20 that means.

21 DAN DORMAN: Yes, sir. Will do.

22 CHAIRMAN JACZKO: Okay. Thank you.

23 DAN DORMAN: Okay.

24 Hey, Bill?

25 BILL RULAND: I don't know what it is.

26

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1 (CONFERENCE CALL INITIATED.)

2 CHAIRMAN JACZKO: Hey, Dan.

3 MALE PARTICIPANT: Dan is not here right
4 now, sir.

5 CHAIRMAN JACZKO: Okay. Is he working to
6 get me an answer back on the information I gave him?

7 MALE PARTICIPANT: Yes.

8 CHAIRMAN JACZKO: Okay, Good. I need it
9 as soon as possible.

10 MALE PARTICIPANT: They're --

11 MALE PARTICIPANT: Hey, Dan?

12 MALE PARTICIPANT: -- they're hovering in
13 the other room right now. Mike went to go tap their
14 shoulders.

15 CHAIRMAN JACZKO: Okay. Thanks. Just if
16 you can get back to me in, as soon as possible.

17 MALE PARTICIPANT: Absolutely. Yes, sir.

18 CHAIRMAN JACZKO: Thank you.

19 MALE PARTICIPANT: Bye-bye.

20 CHAIRMAN JACZKO: Yes, sir.

21 (END OF SERIES.)

22

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