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1 UNITED STATES OF AMERICA
2 NUCLEAR REGULATORY COMMISSION

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4 JAPAN'S FUKUSHIMA DAIICHI ET AUDIO FILE

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6 MARCH 25, 2011

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1 (CONFERENCE CALL INITIATED)

2 MR. CASTO: Basically I think our issue
3 was, you know we're not loggies, we're not project
4 managers like that, you know, we don't worry about how
5 to get KMAX from New England to Tokyo.

6 MALE PARTICIPANT: Yes, I'm wondering why
7 we're even involved.

8 MR. CASTO: Right, we don't want to be
9 involved, that's why we're trying to get out of that
10 business. Trying to get out of business of flowing in
11 equipment, in and out of this country, you know.

12 MALE PARTICIPANT: I thought that's what
13 the industry consortium was headed for was the larger
14 logistical support, if you would.

15 CHUCK: Yes, and they may do that when
16 they get stood up. Just like they may take over a lot
17 of things, so you know, I think that this, that
18 probably is the plan eventually is to hand it off to
19 them.

20 But right now in this little group, and
21 plus what we have back there, we just can't track all
22 this stuff. I mean, these guys want all kinds of
23 things, you know, bottled water, KI, you know, that's
24 a big list, we can't manage that.

25 MALE PARTICIPANT: No, in fact we need to

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1 get out of the business.

2 MR. CASTO: Right, that's what I said, and
3 I said that a week and a half ago. We got to get out
4 of this business of trying to bring in equipment and
5 logistical support. You know, we learned that with
6 the pumping system. That's not our business.

7 (b)(5)

8
9 that work.

10 MALE PARTICIPANT: Okay.

11 MR. CASTO: So there was some progress
12 today, a lot of, busy day. Some progress everyday,
13 slight progress. So I also faxed in, you should see
14 an agenda from the Daily Roundup, March 24th,
15 hopefully that came through.

16 I sent it in about, I don't know what time
17 it was I sent it in. It was this evening sometime.
18 And it had hand written notes on an agenda, and the
19 Agenda is called the Daily Roundup for March 24th.
20 That's my evening meeting with the Ambassador.

21 I talked to Marty today about if I need to
22 do a better job getting you guys notes from both
23 meetings I have, the morning meeting and evening with
24 him. But that meeting rolls right into the 8:00
25 meeting so I didn't have time to type it up, but I

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1 just faxed in the agenda with my notes written on it
2 so you could maybe read a little bit out of it.

3 MALE PARTICIPANT: Okay. Did you guys get
4 embedded today with TEPCO?

5 MR. CASTO: Yes, we went over there and we
6 sent five people over there and they didn't spend a
7 lot of time during the day. But did go in and look at
8 the facilities and my understanding is after we left,
9 we did not say anything about facilities, so don't
10 take this wrong. But my understanding is (b)(5)

11 (b)(5)

12 facility.

13 So we, you know, we'll probably have
14 something new tomorrow.

15 (b)(5)

16
17
18 So we have to go over tomorrow to talk
19 with them about (b)(5) so we'll see what they
20 have set up for us.

21 MALE PARTICIPANT: Now by (b)(5)
22 you mean the Reactor Safety Team Strategy?

23 MR. CASTO: Yes, that strategy report.

24 MALE PARTICIPANT: Strategy report?

25 MR. CASTO: Yes, and I have to, I really

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1 need, I regret that I actually came, a bunch of us
2 were walking out after the meeting and I just came
3 back to the hotel. I probably should go back down to
4 work. The fax you got is a couple of documents that
5 we could have a conversation on.

6 MALE PARTICIPANT: No, get it tomorrow
7 morning.

8 MR. CASTO: Here's the big flick, you
9 know, yesterday I had to brief 11 stars and an
10 ambassador, you probably heard about that.

11 MALE PARTICIPANT: Yes.

12 MR. CASTO:

(b)(5)

13 Then

14 he ask four other kind of big questions, where are we,
15 you know, what do we need? What role could the
16 industry play, what information do we need to make
17 better decisions?

18 There were four questions that they posed
19 yesterday, of course you know, I'm not very good so I
20 just kind of stammered my way through it I guess.

21 But today, this morning the Ambassador
22 asked me, at the morning meeting, he said look, I want
23 more clarity on those questions and the crisis
24 response

(b)(5)

25 So I had to develop a paper today on, to

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1 have that discussion with the Ambassador tonight. So
2 we met after the Evening Roundup to go over it. And
3 I'd sent that, those questions to Marty, and asked for
4 the input from you guys. So I laid that out for him
5 tonight, the questions.

6 (b)(5)

7
8
9 more on it.

10 Basically there's a regional office, which
11 is called the Local Coordination Center. And then
12 there's J-Village, we were talking about earlier,
13 which is just outside 13 kilometer. (b)(5)

14 (b)(5)

15
16 (b)(5)

17
18 sure from a reactor safety point of view, you know,
19 most of that work at LCC and J-Village is, you know,
20 bringing in shielding.

21 You know, a lot of just support work that
22 really doesn't have anything to do with reactor
23 safety. Reactor safety is getting water to the cores,
24 or flooding containment. You know, the back story
25 with all the equipment that's needed to respond to the

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1 tsunami that hit the site. And try to recover the
2 diesel generators and all that stuff that flows
3 through the LCC and J-Village.

4 So at this point, I'm not sure that
5 that's, course as a battlefield commander you're
6 always, you're always better off closer to the
7 battlefield, there's no doubt about that. But I don't
8 know that that's going to help us with reactor safety
9 right now.

10 So I'm going to make a trip to J-Village,
11 just to see, I think a couple of us are going to go up
12 Sunday to look at J-Village and see, you know, is
13 there something there, and the LCC to see, you know,
14 are there insights there that.

15 I can tell you USFJ who is, that's a long

16 (b)(5)

17 the LCC and J-Village. They're going to put, I think
18 at the LCC their going to put a young Naval, new type
19 that's bilingual, at the LCC. To support General
20 Oriki who is the Japanese general that's running the
21 operation there.

22 So General Oriki the Japanese General, at
23 the LCC is not a NUKE, (b)(5)

24 (b)(5)

25 him some advice on the nuclear part of it. But that's

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1 the whole difference, that's U.S. Forces Japan's
2 decision I guess.

3 MALE PARTICIPANT: Right.

4 MR. CASTO: So I don't know, that's not
5 our decision (b)(5)

6 (b)(5)

7 MALE PARTICIPANT: Now is Admiral Willard,
8 is he PACOM or is he U.S. Forces Japan?

9 MR. CASTO: He's PACOM.

10 MALE PARTICIPANT: Okay, who's U.S. Forces
11 Japan?

12 MR. CASTO: I think that's Walsh.

13 MALE PARTICIPANT: Walsh, okay.

14 MR. CASTO: And then you got General Field
15 in here somewhere too and that's LOPAC.

16 (b)(5)
17
18
19
20

21 You know, I talked with him about what we
22 all worry about, you know, would he ask for
23 consideration what should he be thinking about.
24 That's what we all worry about, they have 20 some
25 other reactors to work on at TEPCO, you know, how much

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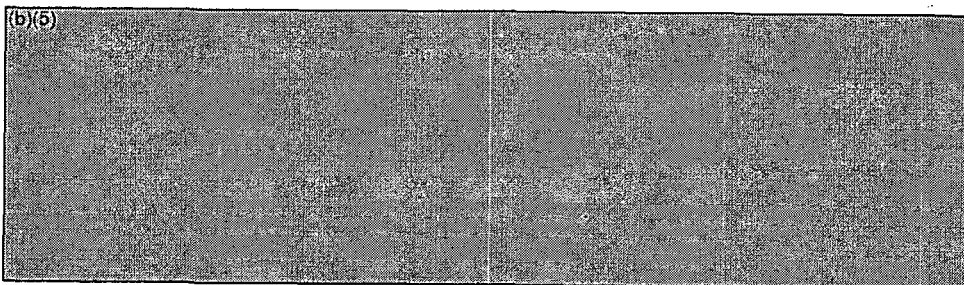
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1 is this distracting them from the other reactors, both
2 in terms of people and in terms of resources.



7 but we can ask them the question.

8 How do you know the other the reactors are
9 getting the things they need and aren't being
10 supported? Is this distracting you from operating on
11 the units?

12 Twenty some units they're operating and
13 some of those are damaged as well. You know, Diani
14 and of course, Daiichi 5 and 6, so you know, this one
15 company trying to run all those reactors and several
16 of them are under major damage.

17 So it just, you know, how does this affect
18 the corporation and their focus to the running
19 reactors and the running reactor safety. So we had
20 some of that dialog tonight, or I did, with the
21 Ambassador.

22 MALE PARTICIPANT: Okay.

23 MR. CASTO: And as far as the industry
24 influence on their decision making, I think I just
25 said, you know, something to the effect, I've got it

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1 in my notes, written, and I'll owe you guys that when
2 I get down there. Or Allen could probably find them
3 right on my desk and fax them to you. But basically I
4 just talked about the consortium and what they might
5 be able to do.

6 The information flow, obviously we're
7 missing a lot of data from the plant, we're also,
8 we've looked at TEPCO's strategic plan. It's not very
9 robust, it's very broad, so we're not, we don't have
10 the big picture on what they, how they really plan to
11 address this.

12 Other than, the three subcommittee's that
13 they started today, or are starting tomorrow with
14 regard to cleaning up the site, reducing radiation
15 levels.

16 MALE PARTICIPANT: Yes, but that, I think
17 it will be more, it's just from our mission and agenda
18 it would be more valuable to start the dialog on those
19 Reactor Safety Team strategies.

20 MR. CASTO: Yes, I agree, you know, I
21 couldn't understand why they was talking about
22 cleaning up the site. First of all, you know, they
23 don't have any place to put it. They don't have a,
24 you know, I mean if that were me in this site, if I
25 were going to do that strategy, of removing the fuel,

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1 I'd build myself someplace to put them. Put the
2 assemblies.

3 But, you're right, the more immediate
4 thing is, put water in the containment.

5 MALE PARTICIPANT: Yes, and see if it
6 leaks.

7 MR. CASTO: Yes, put it in the spent fuel
8 pool and put it in the containment and see if it
9 leaks. They might have to do reactor building
10 flooding on Unit 2.

11 MALE PARTICIPANT: That ain't exactly
12 great shape. Hey, Mike, had just a question, he came
13 out of the INPUT Consortium call. Mike?

14 MR. FRANOVICH: Yes, Chuck just a couple
15 things, I had a couple of action items. Is there a
16 summary that someone can generate from the Cabinet
17 meeting that can be shared?

18 MALE PARTICIPANT: Yes, we were just
19 talking about that, he has his notes.

20 MR. CASTO: No, no that's different, I
21 have my notes from the Ambassador's Roundup at 6:00.
22 The Cabinet Meeting minutes I sent out, I sent them
23 out this morning from the last night meeting. And
24 tomorrow morning I'll send out the minutes from
25 tonight's meeting.

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1 MR. FRANOVICH: Okay.

2 MR. CASTO: Actually you might look for an
3 email that I forwarded to the HOO, probably at around
4 7:30 this morning, I guess it was, and a lady by the
5 name of Jessica, what's her last name? Jessica, I
6 can't think of her name, but she's from State.gov if
7 you'd just maybe search the HOO's email there for
8 state.gov, and her name's Jessica, I can't remember
9 her last name. She takes the minutes of the minutes
10 of the meeting. I know Marty read them today because
11 he brought them up to me.

12 MR. FRANOVICH: Okay, so those are okay to
13 share with this consortium?

14 MR. CASTO: Oh yes, I would think so, I
15 don't see, yes, they're there, yes because INPO
16 started last night, Al Hochivar started attending last
17 night so I don't see any problem with sharing the
18 minutes with the consortium.

19 MR. FRANOVICH:

20
21
22 (b)(5)
23
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1 MR. FRANOVICH: Okay, so one of the
2 things, the feedback from the consortium was the
3 frustration they're having, and I think one of the
4 things that we're doing to address that is we're
5 moving, we're going to have another consortium called
6 at AF 2:30 because we're having the same, the
7 consortium's time's the same time we're giving the
8 debrief from you, and so we can't really utilize the
9 latest information.

10 So our action is to basically forward all
11 the information from the cabinet meetings prior to our
12 2:30 call with the consortium so we have that to form
13 our activities.

14 MALE PARTICIPANT: Yes, but they've got
15 their man at the cabinet meeting, we're not going to
16 provide the consortium.

17 MR. FRANOVICH: Yes, I'd say we're still
18 in the process of weaning the consortium as being the
19 information source.

20 MALE PARTICIPANT: I mean, our (inaudible)
21 is what did their guy hear, alright we've got some

22 (b)(5)

23
24 MR. FRANOVICH: Well, I need to have those

25 (b)(5)

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1 understand how the role is shifting here I think, as
2 they become more involved in those activities.

3 MALE PARTICIPANT: So we got to not hold
4 the meeting then until we get this. There's the
5 Cabinet for instance, you know, the Cabinet meetings
6 that the State Department person is putting out, that
7 ought to be the trigger point for getting this
8 information.

9 MR. FRANOVICH: Yes, what I think I would
10 like to do is go ahead and get the 14 plus three
11 discussion items that Chuck mentioned and get those
12 out to the consortium and try to do that before the
13 2:30 phone call.

14 And then say hey, you guys should be
15 getting this from your rep who attends these meetings.
16 Just to get them on more of a fast track for them so
17 they don't have to wait for us to process it and
18 forward it on to them, okay?

19 MR. CASTO: Yes, we're working on our
20 battles rhythms here too and there's lot of special
21 interests. But I don't know, see right now see it's
22 like 11:00 so it must be like 10:00 your time?

23 MALE PARTICIPANT: Yes, 10:30.

24 MR. CASTO: 10:30, you know I, you could
25 sit through this call I have every night and try to

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1 brief everybody verbally but as far as the minutes,
2 you know, I don't, I'll work on that, I'll think about
3 that, but I don't think we're going to have Jessica
4 stay up till like midnight doing those minutes.

5 MR. FRANOVICH: But you say that there's
6 already somebody who's putting together the minutes
7 right?

8 MR. CASTO: Yes, but they don't get out
9 until the next morning.

10 MR. FRANOVICH: So then that's when we'll
11 adjust ourselves. If you find something that's really
12 hot then, shoot us an email or you know you can put it
13 on the call, but other than that we'll just adjust
14 ourselves to the meeting, you know, for when the
15 meeting minutes come out.

16 I'm just sensitive, because you've got
17 enough things on your plate to be in phone tap to the
18 industry.

19 MR. CASTO: Yes, and I don't see any way
20 to adjust, I don't see any way to adjust those minutes
21 because like we start at 7:00 in the morning and by
22 10:00 at night when that's meeting over with
23 everybody's just tired.

24 MR. FRANOVICH: Yes.

25 MR. CASTO: And nobody wants to sit and

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1 type up meeting minutes you know, to be honest with
2 you.

3 MR. FRANOVICH: That's okay.

4 MR. CASTO: But, you know, I can give this
5 verbal briefing and if there's anything hot that you
6 need to know about then you can pick it up from there,
7 Mike.

8 MR. FRANOVICH: Yes, I think we're going
9 to get in contact with the person you say is on watch
10 over there and get those 14 discussion items.

11 FEMALE PARTICIPANT: We got it, I called
12 Allan Blamey just a minute ago, Chuck, and he's going
13 to fax his hand written notes over to us, thank you.

14 MR. CASTO: Okay, now there's another, you
15 know we are really trying to get into a battle rhythm
16 and finally got it. I think we've really refined it
17 now and I understand now Mike has a need.

18 But for our needs we finally got into a
19 good battle rhythm here and so we're able to, everyday
20 it looks like yesterday, it's getting a little bit
21 more stable.

22
23 (b)(5)
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(b)(5)

MR. FRANOVICH: Like I say, from our perspective, I think the getting an understanding on a common strategy for mitigating and stabilizing these three reactors and the fourth pen fuel pool is, you know.

MR. CASTO: Yes, that's paramount. Absolutely, and that's, we're going to do that tomorrow. So well, have a good day guys, I appreciate the support.

MR. FRANOVICH: Hey, Chuck?

MR. CASTO: Yes.

MR. FRANOVICH: One, just, you know the Yokota Air Force base vessel pumping thing? Did the, I think I understood, you said that the training took place today and are they shipping that pumper truck down?

MR. CASTO: They ran, they have to run a little more training, they're going to start at 7:00 in the morning and they're going to run another round of training but it should be being hauled up there by

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1 midday tomorrow, is what we expect.

2 They had a little delay, because today
3 they had the training, and then I think Bill Cook got
4 his helicopter ride, they went down to Yokosuka to
5 look at the water barges to make sure that the fittings
6 on the water barges and everything matched up.

7 So they may have lost a little bit of time
8 flying down there. Admiral Rowden got them a
9 helicopter I think. And flew them down there and then
10 flew them back then the TEPCO people, who are actually
11 contractors, they're not really TEPCO people.

12 I think there's another round of training
13 tomorrow and then SDF Forces have eight tractor
14 trailers ready to haul it up there.

15 MR. FRANOVICH: Okay, have a good night,
16 get some sleep.

17 FEMALE PARTICIPANT: I'm sorry, just one
18 quick question, do you have any news, all of our news
19 here it says a lot of stuff about Unit 3, at a breach,
20 do you have anything? I mean, it's all over the news
21 and so I was just wondering if you had anything more?

22 MR. CASTO: I think that's the unit that
23 we're talking about that they had the exposures?

24 FEMALE PARTICIPANT: Right, and exposures.

25 MR. FRANOVICH: So what you said is that,

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1 I think that it's getting portrayed here as the breach
2 of the containment and the fuel, as opposed to, it
3 could be from the spent fuel pool.

4 MR. CASTO: Yes, it could be for the spent
5 fuel pool, I don't know that that confirms that it's
6 breach, but you know, that could be, you know it's
7 definitely from fuel.

8 FEMALE PARTICIPANT: Okay.

9 MR. CASTO: Yes, you know, they blew up
10 the building that has the spent fuel pool in it too,
11 so you know, nobody really knows where that stuff came
12 from.

13 FEMALE PARTICIPANT: Okay, I just wanted
14 to ask because you know it's getting traffic here, lot
15 of phone calls and meetings and crap because it's just
16 all over the news.

17 MR. CASTO: Yes, you know, we've all
18 suspected that, you know, I think we're pretty
19 confirmed now that Unit 2 has a breach in primary
20 containment because it's still steaming and the spent
21 fuel pools full, so that steam can only be coming from
22 one place.

23 And then, you know, from the heat
24 signatures that we're seeing, as I told, I said
25 earlier is that it looks to us like maybe the drywell

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1 head seal is blown.

2 FEMALE PARTICIPANT: Alright, I just
3 wanted to ask that, thank you.

4 MR. CASTO: Yes, no problem.

5 (CONFERENCE CALL ENDED)
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1 (CONFERENCE CALL INITIATED) 0:23:20

2 FEMALE PARTICIPANT: Okay, Marty, it's OPS
3 here in ET room. Dave just found out, or he found out
4 that there is --

5 MR. FRANOVICH: Marty how's your view on
6 that (inaudible) report that FEMA puts out and having
7 to come across the industry consortium was mentioned
8 and it looks like, this has been an audited report.

9 And so it looks like what they did is they
10 pulled it out of ours and put it into the FEMA's and
11 so it just got us thinking about, it's already out

12 (b)(5)

13
14 So we had indicated we would get back to you
15 that day, which we did, saying there was no publicly
16 available information that we want to release and that
17 we suggest deleting the bullet referencing.

18 But now upon coming across this document
19 and looking at it, we could just reiterate the
20 information that's in our Sit report and indicate that

21 (b)(5)

22 available. And USA, we did confirm, they're on
23 distribution for our Sit report.

24 FEMALE PARTICIPANT: They already have the
25 information.

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1 MR. FRANOVICH: They already have the
2 information, it's just they haven't used it.

3 MR. VIRGILIO Yes, as long as we tell them
4 that, you know, until industry makes it available it's
5 you know it's not ours, it's inappropriate for us to
6 unveil this.

7 FEMALE PARTICIPANT: So if they do
8 disseminate it in any way, it's got to be for official
9 use only and not for the public.

10 MR. VIRGILIO: Yes, until it's, you know,
11 until industry makes it publicly available. Yes, I
12 think that would be a good approach.

13 (CONFERENCE CALL ENDED)
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1 (CONFERENCE CALL INITIATED) 0:25:32

2 MR. CASTO: Well they have one by 6:00,
3 what time do they need it to get it to me by?

4 MALE PARTICIPANT: Have it here, we've go
5 to have it by their time 0430.

6 MR. CASTO: 0430 and if they do it at 6:00
7 a. m. they need it at 0430.

8 FEMALE PARTICIPANT: We have Marty
9 Virgilio, (inaudible) Zimmerman.

10 MR. CASTO: That's a lot of horse power, I
11 don't have a big issue, but I do have a request.

12 FEMALE PARTICIPANT: Okay, what's up?

13 MR. CASTO: The status update that you all
14 put out at 6:00 a.m. I don't know how to say this
15 but, what would help us, is if you could put that out
16 by 4:30 a.m. instead of 6:00 a.m.

17 FEMALE PARTICIPANT: Okay, that's an hour
18 from now.

19 MR. CASTO: That's an hour from now?
20 Well, it doesn't have to happen today, but for
21 tomorrow.

22 FEMALE PARTICIPANT: You're talking about
23 the situation report, right?

24 MR. CASTO: Yes, the Sitrep. Are you
25 going to send it to Bill for that. But the problem is

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1 it's coming in, it took me all this time to realize
2 it, but it's coming in after the Ambassador meeting.
3 And it, you know, I'm giving him old data.

4 So we're still working on the refinement
5 of our battle rhythm and I realized that that report's
6 coming too late.

7 FEMALE PARTICIPANT: Okay, we'll try to do
8 that. I think we'll be able to swing that.

9 MR. CASTO: I meet with him, I do a
10 roundup with him at 6:00 p.m. our time. Which is 5:00
11 a.m. your time and I need you know a few minutes to
12 read it.

13 MALE PARTICIPANT: We need to
14 operationalize that for the future, we need to figure
15 out, we might be able to make it happen this morning.

16 FEMALE PARTICIPANT: Yes, I think we'll be
17 able to do it because he's been working on it for a
18 while. But I think one issue is getting all the
19 updates maybe from (inaudible) but we'll try to make
20 it happen.

21 MR. CASTO: Okay, it doesn't have to
22 happen today, but down the road we need it done, 4:30
23 your time.

24 FEMALE PARTICIPANT: Hey, Tim,
25 (inaudible), Chuck Castro's on the phone. Do you

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1 think we maybe get the Sitrep by 4:30?

2 MALE PARTICIPANT: (Inaudible.)

3 MALE PARTICIPANT: Yes, he's saying he can
4 do it.

5 MR. CASTRO: Awesome.

6 MALE PARTICIPANT: Hey, Chuck, any changes
7 with the second report that comes out or is that one
8 okay, when that one comes out?

9 MR. CASTO: I think that one's, let's see
10 that one comes out at 1800 which is 7:00 a.m. and my
11 first meeting with the Ambassador is a 9:30. So
12 actually you could run that one a little bit later if
13 you wanted to. I meet with him at 9:30 and 6:00 p.m.
14 So that 7:00 one's fine or you can run it a little
15 bit later, an hour or two later if you want.

16 FEMALE PARTICIPANT: Is that all you've
17 got?

18 MR. CASTO: Yes, that wasn't a big issue,
19 I probably could have done it by email.

20 FEMALE PARTICIPANT: Oh no big deal.

21 MR. CASTO: Everything okay back there,
22 anything we can do for you guys?

23 MALE PARTICIPANT: Chuck, we just got this
24 email from you with the four questions, can you give
25 us some context so we can start working on that?

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1 MR. CASTO: Yes, those were four painful
2 questions for me. You know, I tried to, in the bottom

3 (b)(5)

4 (b)(5)

5
6 (b)(5)
7

8 Now I think you have, you
9 should have a chart down there somewhere, that's
10 called Fukushima Response Organization, it's the
11 Japanese ORG chart for this event.

12 And, like tonight, I've got to go up with
13 the Ambassador, and walk him through the little you
14 know spaghetti and meatball chart to tell him which of

15 (b)(5)

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21 (b)(5)
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(b)(5)

MR. CASTO: Oh yes, he was in the meeting
and that's why I'm answering these questions tonight.

FEMALE PARTICIPANT: Okay, so are you
answering the questions, I don't understand, maybe you
can go back.

MR. CASTO: Admiral Willard and General
Field and Admiral Walsh asked these questions of me
yesterday during the meeting. During my debrief to
them, two and a half hour debrief of them, these are

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1 the questions they asked. Along with 100 others but
2 these were the important questions that the Ambassador
3 thought needed to be answered from us.

4 So today, this afternoon he said, hey you
5 going to answer those questions tonight at 6:00? And
6 I said absolutely I am, you know. So, you know, I
7 have to go in tonight at this 6:00 round up, show him
8 the work chart and answer these four questions. So
9 that gives you context.

10 MALE PARTICIPANT: Yes, it does.

11 MR. CASTO: For instance, I don't know if
12 you have this ORG chart, it starts in the upper left
13 corner.

14 FEMALE PARTICIPANT: We don't seem to have
15 it.

16 MR. CASTO: I'll fax it to you, I know we
17 sent it in but you got a bazzillion documents in
18 there. I'll fax it in to you and on the upper left
19 hand corner, it has a box called Joint Crisis Action
20 Center, and on the right hand side it has Fukushima
21 Response Organization. I know we sent it in a few
22 days ago but, you know, things get buried.

23 MALE PARTICIPANT: Right.

24 (b)(5)
25

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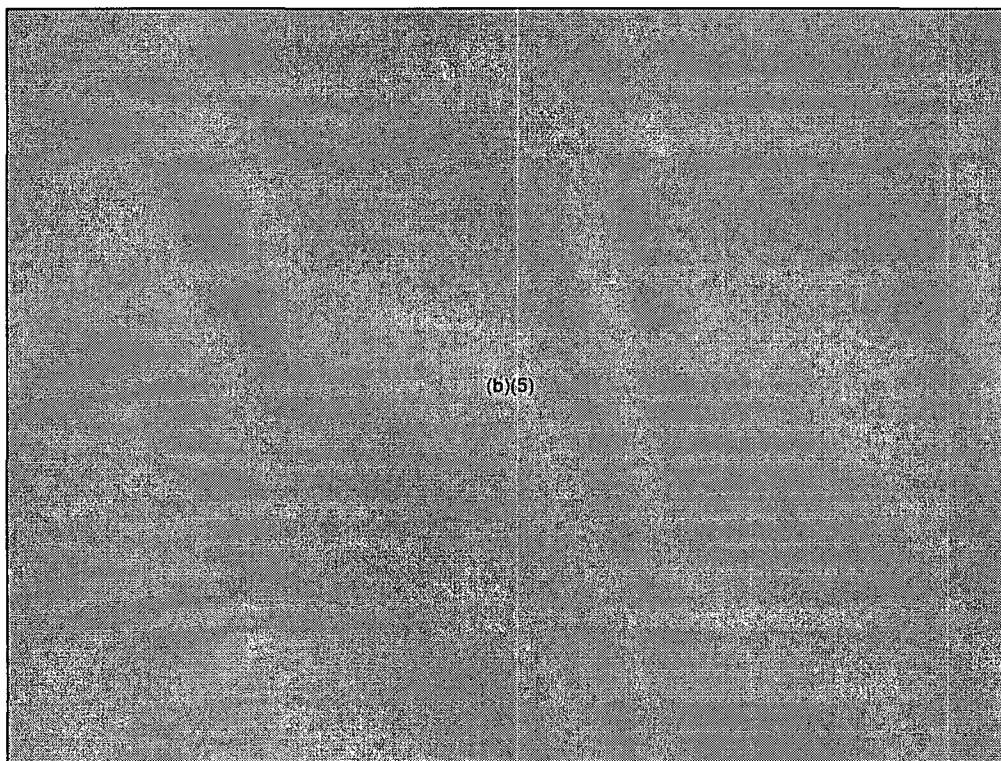
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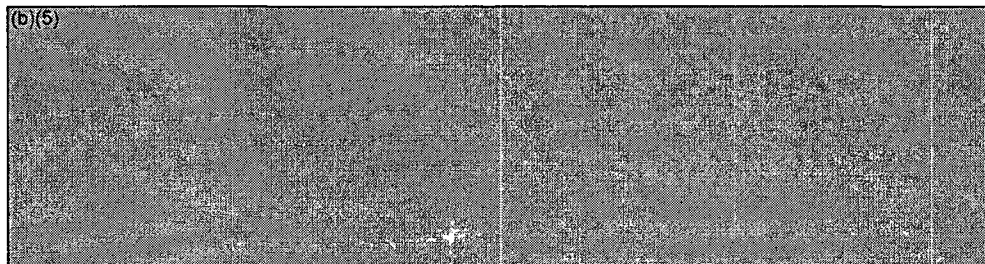
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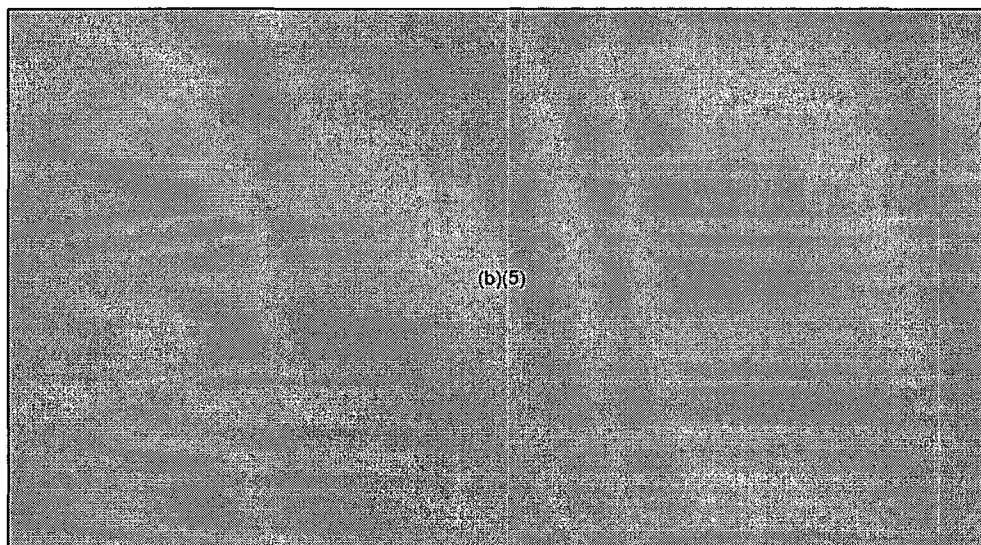
(b)(5)

MALE PARTICIPANT: And he's not resource

limited I'm sure.



(b)(5)



(b)(5)

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(b)(5)

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(b)(5)

MALE PARTICIPANT: But I mean, your vision is that once we get this, (inaudible) team in place

(b)(5)

MR. CASTO: I think so, and I certainly like the logistic people you talked about should be there.

MALE PARTICIPANT: No, I mean maybe that's part of your answer, that well we're not there now,

(b)(5)

(b)(5)

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1 nuke as his advisor.

2 And, you know, I can't do that. Well I

3 (b)(5)

4
5 have.

6 MALE PARTICIPANT: So that's the big where
7 do we need to be question.

8 MR. CASTO: Yes, and if you're standing
9 across from 11 stars and trying to explain, you know,
10 and you know what they know as far as, you know,
11 fighting a war, it's hard to say well we're not at the
12 front line. I mean that makes you swallow really hard
13 and feel really stupid.

14 (b)(5)

15
16 further involve and (inaudible) on a day to day basis

17 (b)(5)

18 MR. CASTO: They just accepted us
19 yesterday into a conference room in, you know, in
20 TEPCO headquarters for five people.

21
22 (b)(5)
23
24
25

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(b)(5)

And he wasn't being critical of the NRC,

(b)(5)

He's very pleased with what we're doing.

And, you know, if you had heard his
comments yesterday, you know, they were very sincere,

(b)(5)

(b)(5)

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(b)(5)

So you can only do what you think is right, you know. What I do is what I think is right, if you listen to all that stuff, there's going to be a left wing and a right wing, you know.

And you're not going to make all those people happy. So in the end you just have to trust, you know, you have to get advice and counsel and listen to the boss, like Marty, and do the what you think is the right thing to do.

You know, last night at the 8:00 meeting I

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1 had more people telling me what to do in that meeting.

2 (b)(5)

3
4
5 what you think is right when you're sitting at the
6 table looking across at the Cabinet Minister.

7 You just have to do what you think is the
8 right thing, be yourself, you know. And anyhow,
9 that's all philosophical but, and I think we're doing
10 okay, I really do, I think we're keeping balanced, you

11 (b)(5)

12
13 traffic up the chain.

14 (b)(5)

15
16 FEMALE PARTICIPANT: Now something that,

17 (inaudible) mentioned, I mean (b)(5)

18 (b)(5)

19
20 consultation to them and they get the message further
21 up the chain?

22 MR. CASTO: Well I think we do that when
23 it serves, you know, our interest. Like on the
24 pumping system and all that, you know, (b)(5)

25 (b)(5)

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(b)(5)

You know, so you have to find the right person it's not really the right organization, it's sometimes the right person, that can carry the right

(b)(5)

for, who was in the room yesterday with me.

(b)(5)

And

he's been fantastic, he sits next to me in the cabinet meeting and, you know, last he did a wonderful job. It's a lot of organization and a lot of people and a lot of interest. You just have to weed your way through it.

MALE PARTICIPANT: Just as a follow up you going to send us that matrix?

MR. CASTO: Yes, I'll send you the spaghetti and meatball chart. And then also I need, they have strategic plan

(b)(5)

(b)(5)

get a copy of that and send it to you too. We have a copy. Well anyhow, really I just called for the Sitrep. Change the Sitrep time, if you can support us on that.

MALE PARTICIPANT: Okay, and then we're

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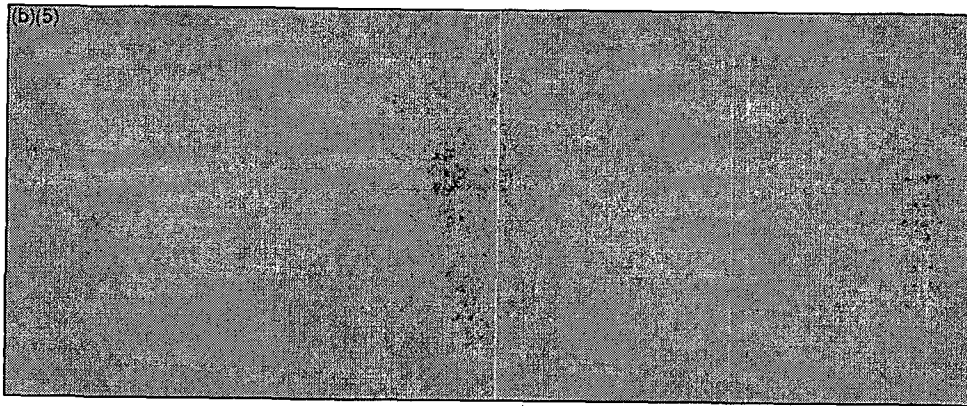
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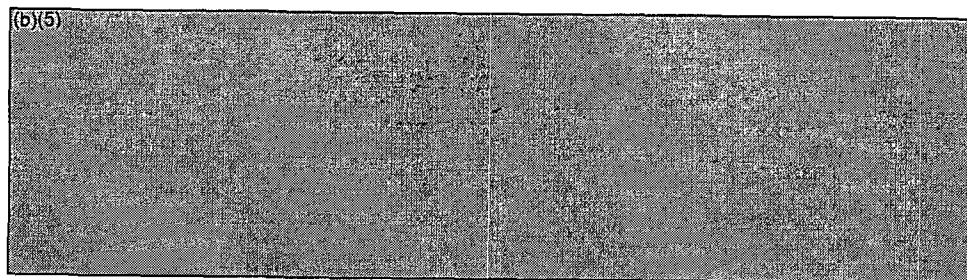
1 all just giving a final look to the document that was
2 produced the Reactor Safety Team. A reactor by
3 reactor, set up the conditions and recommended action.

4 So we should be able to squirt that out to you here
5 pretty soon.

6 But if you're looking at clearing the



13 MR. CASTO: Okay. Yes, and I don't know,
14 and I was trying to think how else I could serve you
15 with regard to preparing for the Chairman's meeting
16 with the Ambassador.



21 I've been calling in and briefing people on him, but
22 I'm thinking I need to write it down better.

23 MALE PARTICIPANT: Yes, we haven't got
24 much of a turnover from the meetings with the



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1 really comprehensive was somebody's taking really good
2 notes for --

3 MR. CASTO: Jessica, our department at
4 state friend has taken really, she's taken really good
5 notes there. (b)(5)

6 (b)(5)

7 I think I've called you and talked to you
8 about various things from the (b)(5)

9 (b)(5)

10
11 that stuff but I haven't been writing it down and I'm
12 going to start tonight at six.

13 I'm going to write those notes down and I
14 take notes on my little agenda sheet, but I need, but
15 it's hard because I have to leave that meeting
16 immediately and go over to the cabinet meeting, you
17 know so things really start picking up about 5:30
18 here.

19 And then it's 10:00, 10:30 at night before
20 you stop. And then, you know, you're tired and we
21 have to debrief here and then it all starts over again
22 the next morning. So, you know, I haven't really had
23 time to, I'm going to make time, to type up at least
24 some simple notes so that you know, so you know what's
25 on his mind.

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1 You know by the time this is over with I'm
2 going to get organized. We started in the last couple
3 days, getting a good battle rhythm and our daily
4 agenda, we sent it in the other day.

5 MALE PARTICIPANT: Yes, I saw that.

6 MR. CASTO: That battle plan, and it's
7 been modified again, so we probably need to retype it
8 up and send you in the changes.

9 It's just steady meetings all day long and
10 you know, but Dan and Allen and those guys are doing a
11 great job of managing all that. And I'm basically

12 (b)(5)

13
14 But I think we're slowly, the last couple
15 of days we started our battle rhythm or we're making
16 refinements to it and so things are rolling. Bill's
17 down at Yokota, and what I heard was, there's been a
18 delay, they want to train some more people.

19 And it may be instead of, we were hoping
20 that that would shipped tonight but they're training
21 more people and then Bill has, their jumping a
22 helicopter, (b)(5)

23 there and they're going down to Yokosuka to look at
24 the water barge to make sure that the fittings and all
25 the connections and everything are compatible.

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1 So they're, I tried to call Bill a minute
2 ago so I know he's in the air, they're flying down
3 there now because he didn't answer. So they're flying
4 done with the Aussie's checking out the connections
5 then they're, once they do that.

6 And I think they may have to fly back down
7 again tomorrow, what I heard, tomorrow morning. And
8 then they'll start shipping the barge up. Meanwhile
9 the site is using as many industrial water sources as
10 they can hook up.

11 They're trying to hook up to some city
12 water and other water supplies that are not
13 sufficient. But they'll at least improve the
14 situation as far as fresh water. I suspect by the end
15 of the day, they're going to tell us they're on fresh
16 water.

17 FEMALE PARTICIPANT: We've got on the
18 news, that the U.S. can provide fresh water. So yes,

19 (b)(5)

20
21 MR. CASTO: Yes, I heard he was having a
22 press conference.

23 MALE PARTICIPANT: We're watching him now.

24 FEMALE PARTICIPANT: Yes, maybe that's
25 just bottled water.

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1 MR. CASTO: Well they're doing that too.
2 We're doing that too, you know we're providing all the
3 bottled water we can, because this city's out of
4 bottled water.

5 MALE PARTICIPANT: Okay, Chuck, I guess
6 that wraps it up for the moment.

7 MR. CASTO: Alright, thank you, sir,
8 gentlemen and ladies. I'm going to fax you the ORG
9 charts.

10 (CONFERENCE CALL ENDED)
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1 (CONFERENCE CALL INITIATED) 0:52:28

2 MR. DYER: Just an overall status of
3 what's going on, plan status, really remains
4 unchanged, we have one issue that somewhat influxed
5 and we're getting mixed information as to Unit 1 was
6 ever on fresh water.

7 CHAIRMAN: Okay.

8 MR. DYER: It was reported yesterday, I
9 believe, that they were, and then it was report that
10 they weren't, and so we're going to run that to ground
11 today. Also and then the fresh water barges that the
12 Navy's transporting down, we haven't heard that
13 they've left or got a target arrival date yet.

14 And then this past shift, they've
15 submitted the list of priorities for stabilization
16 recovery of each unit that were worked on yesterday
17 with (b)(5)
18 of the government agencies.

19 They were provided to the Japan team
20 yesterday for review to engage with the Japanese
21 government through the Ambassador.

22 And let's see, the other thing, the
23 protective measures team of areas we're working on is
24 a compilation of all the site and configuration
25 management have accomplished and all the NARAC runs

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1 that we've conducted.

2 And we're also looking at alternative ways
3 to get a more realistic assessment of doses. We
4 talked about that. As far as the Japan team,
5 engagement with the crisis management in Japan.

6 I think, I believe we told you that Chuck
7 had been invited to the TEPCO Emergency Operations
8 Center in Tokyo. And we have not heard the results of

9 (b)(5)

10
11 We are going to go to the EOC during day
12 shift today. We have not heard back what the results
13 of that participation on that is so far.

14 And then the last thing is the liaison
15 team has put together a briefing package for you in
16 preparation for you're 11:00 call with the Japanese
17 Ambassador. I think that's it. Any questions?

18 CHAIRMAN: No, so what are you looking at
19 for your shift for the priorities?

20 MR. DYER: The priorities for the
21 (inaudible) one of the priorities we want to do is to

22 (b)(5)

23
24
25 feedback from the site team concerning the strategies

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1 that we put together yesterday.

2 CHAIRMAN: Okay.

3 MR. DYER: And then for the Protective
4 Measures team, (b)(5)

5 (b)(5)

6 MR. DYER: And also to try to get this,
7 try to get these (inaudible) more realistic.

8 CHAIRMAN: Okay, do you know if there's
9 any update on whether or not (b)(5)

10 (b)(5)

11 MR. DYER: I have not heard yet, we're
12 going to follow up on that too. Yesterday we
13 understood that we were going (b)(5)

14 (b)(5)

had not cleared them.

15 CHAIRMAN: Okay.

16 MR. DYER: So we'll follow up on that
17 today too.

18 CHAIRMAN: Okay, good. Just in general
19 then the site conditions are generally unchanged but
20 how would you summerize the status right now?

21 MR. DYER: A lot of unknowns, I mean,
22 overall the our summery of the status is it's stable
23 but with a lot of uncertainty.

24 CHAIRMAN: Okay, and with that uncertainty
25 trend to a negative or a positive direction?

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1 MR. DYER: The uncertainty is, in the
2 negative direction, is the concern with the salt water
3 going into the vessel, and in the positive direction
4 is everyday we get past shutdown we have less decay
5 heat to remove and less challenge on the containment.

6 CHAIRMAN: Yes.

7 MR. DYER: So it's kind of a plus on one
8 side, minus on the other. I think everyday we don't
9 have a quantum change to those it tends towards
10 stabilization.

11 CHAIRMAN: Yes, okay. Well, thanks
12 anything you need from me right now?

13 MR. DYER: No, sir.

14 (CONFERENCE CALL ENDED)

15 (CONFERENCE CALL ROLL CALL)

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1
2 (CONFERENCE CALL INITIATED) 1:00:13

3 MR. DYER: Just for an overall status, no
4 significant changes with plant status at the site in
5 the last 24 hours, there is some clarifications, we
6 still leave some uncertainties.

7 I think we were reporting yesterday that
8 Unit 1 was on fresh water, we thought from (inaudible)
9 storage tank. It appears now that the report is that
10 Unit 1 is on seawater, similar to Units 2 and 3 and
11 they have not shifted to fresh water.

12 The other thing going on with the plant is
13 the (inaudible) equipment to fire trucks sent up is at
14 the Yokota Air Base and yesterday the plan, or today,
15 the plan was to get the Japanese Defense Force down
16 for training and then to move the equipment on trucks
17 to the sites.

18 We haven't heard yet whether that in fact
19 occurred or what the target is for delivery at the
20 site of the equipment.

21 Also yesterday, or today in Japan the,
22 Chuck and our Japan team was invited to the TEPCO,
23 EOF, Emergency Operations Center in Tokyo. And the

24 (b)(5)
25

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1 we have not yet heard the results of that. But our
2 understanding is they did do that.

3 The status of the barges, the freshwater
4 barges, being sent to the site is still uncertain, at
5 last we heard the Navy was still going to have to do
6 some work to determine whether or not the harbors were
7 cleared sufficiently that they could get the deepwater
8 barges in.

9 And there was also a question as to when
10 they could get the fleet tug to transport the barges
11 from their current location.

12 Here at the Emergency Response Center,
13 last night we provided the Reactor Safety Team
14 assessment of the three units that would work together

15 (b)(5)

16 Those were provided to the site team and
17 we anticipate today we'll get feedback from the site
18 team and any of any issues that we need expand or
19 clarify or resolve from them.

20 With respect to the protective measures
21 team, we're still working on the second NARAC review
22 of the Japan area. Some of the initial review on that
23 yesterday indicated that they had some non
24 conservative assumptions with respect to, in
25 particular containment leakage. So we were working

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1 yesterday with NARAC to revise those assumptions, we
2 believe those runs will be made today.

3 Also at 11:00 this morning the Chairman is
4 scheduled to speak with the Japanese Ambassador and we
5 put together a briefing package that will work its way
6 through OIP for the Chairman on the status of
7 activity. That pretty much is an overview of what's
8 going on. Any questions?

9 MR. ORDERS: Yes, this is Bill Orders, if

10 (b)(5)

11
12 MR. DYER: I can't Bill, we'll get the DMT
13 statement.

14 FEMALE PARTICIPANT: Any others while
15 we're trying to get the team leader to answer that
16 question?

17 MALE PARTICIPANT: This is (inaudible),
18 Sitrep that the Unit 2 RPS is at (inaudible). That
19 would mean that (inaudible), is that not correct?

20 MR. DYER: Probably not. You know, for a
21 ballpark estimate is in my mind it just means that
22 been atmospheric.

23 Okay we have Terry Reis here, Bill can you

24 --

25 MR. ORDERS: Hey, Terry, this is Bill the

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1 question is I understand that 70 percent core damage,
2 but then you were looking at ten percent release rate
3 although it looks like primary containment is intact.

4 MR. REIS: That's correct. That ten
5 percent is for venting.

6 MR. ORDERS: For venting, okay. And on
7 Unit 2 maybe I missed it but five inch hole that
8 resulted the damage from the previous (inaudible) or
9 what?

10 MR. REIS: Bill, we don't really know what
11 date that occurred, all we know is we got reports from
12 TEPCO that they have five square inch hole.

13 MR. ORDERS: Okay, one more question, the
14 100 percent release rate on Unit 3?

15 MR. REIS: Yes, that was originally, we
16 brought that to 100 percent because on the original
17 data we got was actually 300 percent and we assumed
18 what that meant was three containment turnovers per
19 day. So we're just saying it's 100 percent breach.

20 MR. ORDERS: Okay, what's that based on,
21 do we have sounds like we have an equipment hatch open
22 or something?

23 MR. REIS: Bill, I think it's just an
24 assumption we put into the analysis.

25 MR. ORDERS: Well, the only thing that

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1 unnerves me a bit is we're still working on, I guess
2 hypothetical so instead of conservatism. Just an
3 observation.

4 MR. CASTLEMAN: This is Pat Castleman,
5 (inaudible).

6 MR. DYER: Pat, you're breaking up.

7 MR. CASTLEMAN: Okay, how's that?

8 MR. DYER: Okay, thanks.

9 MR. CASTLEMAN: A little more on those
10 (b)(5) What's the start time on those, in other
11 words are we going back to the beginning of the event
12 two weeks ago or did it start today?

13 MR. DYER: Pat, it does not, it goes back
14 and forth, I don't have the dates in front of me but
15 it looks like going back and forth, I believe that's
16 in the Sitrep, isn't it?

17 Pat, one of the things that we turned over
18 on it from the mid shift and it's one of the things
19 we're focusing on in the PMT is to take a look at the
20 realism of the projections and the runs being done
21 right now, and whether or not we can sort of benchmark
22 it with what we know to be measured dose rates and
23 identify contamination.

24 FEMALE PARTICIPANT: I think they're
25 working internal with the (inaudible) at the moment to

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1 see if there is more (inaudible), you know, whether
2 the requirements can be backed out. But, they don't
3 know (inaudible).

4 MR. VIRGILIO: The other thing you may
5 have heard last night, we're working hard to put
6 together, to dismiss all this lack of clarity, a
7 compendium of all the runs that we've done with the
8 state's assumptions, source-term and the results, so
9 that we can all (inaudible) the same play book.

10 MR. CASTLEMAN: When you all are done with
11 that is that going to shared that with the commission
12 offices?

13 MR. DYER: You're breaking up again, Pat.

14 MR. CASTLEMAN: When you all are done with
15 that, Marty, are you going to share that with the
16 commission offices?

17 MR. VIRGILIO: If we can.

18 MR. CASTLEMAN: That would be really
19 helpful because we're kind of, you know, getting
20 information in drips and drabs and that's probably one
21 of the reasons why we're asking so many questions.

22 FEMALE PARTICIPANT: They are working on
23 that.

24 MR. CASTLEMAN: Okay, thanks and then also
25 there was something in the Sitrep that talks about a

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1 summary of contamination levels, dose levels, so
2 forth, what's the --

3 MALE PARTICIPANT: Pat, you're breaking
4 up.

5 FEMALE PARTICIPANT: Pat, are you talking
6 about trending?

7 MR. CASTLEMAN: Yes, I'm talking about the
8 trending.

9 FEMALE PARTICIPANT: Pat, we're only
10 getting about every third word, I don't know if it's
11 your phone or what but --

12 MR. DYER: Other questions?

13 MR. FRANOVICH: Jim, this is Mike
14 Franovich, good morning. Let me change topic a moment
15 back to the seawater analysis. The analysis with the

16 (b)(5)

17
18 we're going fresh water versus RHR.

19 Using RHR, getting that back in service.
20 Is this the nature of the report that's going back to
21 the Ambassador. That we are in agreement and the

22 (b)(5)

23
24 MR. DYER: Well I think we've got, we are
25 getting a one government position as I detect the

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1 differences it's just the urgency. And whether we've
2 got hours, days weeks, to get onto fresh water but
3 there's no disagreement that putting seawater into the
4 reactors is not a good thing.

5 That's not the issue, the question comes
6 down to what else are you going to do? I think the
7 Reactor Safety Team assessment I haven't read it in
8 its latest form, talks to the different vehicles for
9 getting, the approaches for getting fresh water into
10 the cores, the three cores.

11 So it's not, I think the (b)(5)

12 (b)(5) was really the vehicle for delivery and
13 that whether or not (inaudible).

14 MR. FRANOVICH: Could you do us a favor,
15 whatever report we're as a U.S. Government planning to
16 share over there with their government, could the
17 commission offices get a copy of that?

18 MR. DYER: Okay.

19 MR. CAMPER: While they're hooking up I'll
20 tell you all those runs, assumptions were made and at
21 this point it takes several negotiations with NARAC to
22 finalize the assumptions because some of them are
23 several days old.

24 That's why you don't get updates. It
25 takes a bit of time to do that, to agree upon any

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1 updates, and the other thing is as Terry pointed out
2 we're going to put together that compendium that will
3 show you each run that's been made, what the
4 assumptions were, what the outcomes were, source-
5 terms, because it's getting difficult to understand
6 all of --

7 MR. FRANOVICH: Jim, it sounds like you're
8 back online. I don't know how much of that last
9 question or request you caught but let me repeat it, I
10 ask if we could get a copy, the commission office,
11 could get a copy of whatever U.S. Government position
12 is on further actions on these three units, if we
13 could get a copy of that analysis? The RST analysis,
14 whatever consensus analysis is I think it would be
15 helpful for us to see the recommendations.

16 MR. DYER: Right, we'll work that through
17 the Chairman's office.

18 MR. FRANOVICH: Thank you.

19 MR. ORDERS: Hey, Jim, this is Bill
20 Orders, and I have request Commissioner Magwood would
21 like a copy of the package being provided to the
22 Chairman for his talk with the Japanese Ambassador?

23 MR. DYER: Okay, we'll work it through the
24 Chairman's office.

25 MR. ORDERS: I understand.

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1 MALE PARTICIPANT: Jim, this (inaudible) I
2 guess, what I took as the big difference between last
3 night's call and this mornings is on Unit 1, the
4 temperatures are going 100 degrees, 172 Celsius.

5 FEMALE PARTICIPANT: I'm sorry we're
6 losing you, from wherever you're speaking, I don't
7 know if it's your end or ours, but could you try
8 again?

9 MALE PARTICIPANT: Okay, I just wanted to
10 what I took as the big difference between last night
11 and this morning is the RPD temperature in Unit 1
12 going from 400 degrees, 172 degrees Celsius, that was
13 (inaudible) how do we think that (inaudible) what
14 caused, is resulting in the reduction in temperature?

15 MR. DYER: Let me give it to Pat Hiland
16 who's the Reactor Safety Team leader.

17 MR. HIGHLAND: I got a turnover, we noted
18 that temperature decrease and it's just attributed to
19 the continuation of the seawater injection. They've
20 not yet, it's noted all three units they're attempting
21 to swap over to the fresh water on today, 3/25, don't
22 know when that is today but that's all the explanation
23 that we have for that temperature decrease.

24 MALE PARTICIPANT: Okay, because what we
25 got last evening at 8:00 was they thought that the

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1 temperature was 760 degrees Fahrenheit, at the core at
2 (inaudible). That's good news if the temperatures is
3 down.

4 MR. CASTLEMAN: This is Pat Castleman, do
5 we have any more update on what was the brief last
6 night, the Unit 1 and 2 cores may have (inaudible).

7 MALE PARTICIPANT: No information.

8 MR. CASTLEMAN: Okay, thank you.

9 MR. ROGGE: This is John Rogge, Region I.
10 I noticed that you said that the Japanese are going
11 to swap to the dam source, do we know what that means?

12 MALE PARTICIPANT: No we don't, John, what
13 I understood was that in fact that's part of the mixed
14 messages we're getting on fresh water injections.
15 Originally we heard that they were, Unit 1 was being,
16 using fresh water injections because they had to had a
17 (inaudible) storage tanks with a couple hundred
18 thousand gallons in it.

19 And they were going to use that until the
20 depleted it and then at that time they were going to,
21 there was efforts underway to set up a water transfer
22 from a local reservoir and to provide fresh water
23 injection.

24 And then yesterday we heard that that was
25 not going to be ready and wasn't thought to be

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1 feasible for the reactors and that they were working
2 on this getting fresh water through two Navy barges
3 that would hold 350,000 gallons each. And it's not
4 clear to me whether they decided to resume the efforts
5 to get the reservoir water now, they're focused on the
6 barges and when the barges will get there.

7 JOHN: Also just want to let you know that
8 just before I came in today to work I watched Japanese
9 TV, that's channel NHK, they did announce that the
10 U.S. Navy is sending fresh water barges and they also
11 tied it to that the U.S. Government is concerned about
12 salt water, the usage of salt water in the reactors.

13 (b)(5)

14
15 MR. DYER: Yes, I don't where the source
16 is.

17 MALE PARTICIPANT: Well TEPCO's has
18 expressed that concern themselves. (b)(5)

19 (b)(5)

20 MR. DYER: Any other questions?

21 MR. RICH: Hey, Jim, this is Dan Rich from
22 Region II, yesterday they were seemed to be ongoing
23 confusion as to whether deaths were already occurring
24 at, among the plant workers. Is there any update on
25 that?

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1 MR. DYER: Yes, we had heard some earlier
2 results that there were some but everything we've
3 heard subsequent to that is the highest dose is on the
4 order of about 18 to 20 rm and there's been some
5 report of beta burns on the bottom of feet and that's
6 it.

7 MR. RICH: Thank you.

8 MR. FRANOVICH: Jim, this is Mike
9 Franovich again I got one last question for you on
10 the, just the physical features of this plant, now
11 that we're well into this disaster, unfortunately,
12 have we confirmed whether or not these units had the
13 hardened vent mod installed. I've been hearing
14 different stories that they have, do have the mod, did
15 the mod, they have the hard pipe feature.

16 MR. DYER: I've heard mixed sources on
17 whether they did or they didn't. You know, when Chuck
18 gets access to the TEPCO EOC, I'm hoping we'll get
19 some additional information.

20 MR. FRANOVICH: Yes, because I think that
21 might have some bearing on how the, I know there's a
22 TI out for the inspection to do a quick look and
23 whether or not that needs to be something more
24 explicit, explicitly discussed in TI as a supplement.

25 MR. FRANOVICH: This is Mike (inaudible)

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1 yesterday I had a drop in visit with (inaudible)
2 Bradley of NEI and we were told that Unit 1 did have
3 the hardened vents installed. There is a hard pipe,
4 and he had drawings of the system, so someone may want
5 to contact NEI and confirm that but that was what we
6 were told yesterday by NEI.

7 MR. CASTLEMAN: This is Pat Castleman
8 again, do we have, well actually, last night we were

9 (b)(5)

10
11
12
13 (b)(5)

14
15 any reason or understanding of why the approach
16 changed?

17 MR. DYER: Well the reason, I spoke to

18 (b)(5)

19
20
21 And there's a nice IG report on that
22 issue, saying we've abused the IN process for that so
23 we took lessons learned and decided we should use the
24 risk process.

25 MR. CASTLEMAN: Oh, okay. Is the

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(b)(5)

(b)(5)

MR. REIS: Pat, Terry Reis. We'll do that, what we're working on, we're going to receive the data and transmit it to

(b)(5)

(b)(5)

that data and manage the communication of that data. So it's still a work in process.

MR. CASTLEMAN: And then the last question I have here regards the reentry criteria, are we looking at, is anything being done to evaluate where

(b)(5)

anything like that?

MALE PARTICIPANT: Pat, it got turned over to me that Randy Sullivan's team finished it up and we're looking for comments on it, but personally I've not seen the revised version since yesterday.

MALE PARTICIPANT: It's something we'll be working on today.

MALE PARTICIPANT: It's a work in progress as well.

MR. CASTLEMAN: Okay, thanks.

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1 MR. DYER: Okay, any more questions?

2 Thank you very much.

3 MALE PARTICIPANT: Thanks for the briefing

4 Jim.

5 (CONFERENCE CALL ENDED)

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2
3 (CONFERENCE CALL INITIATED) 1:25:31

4 CINDY: What I was hoping to do is just
5 get kind of the latest and greatest status about the
6 Japanese facilities that we can talk about publicly.
7 In that I'm going to be testifying at, well I guess
8 they're calling it a public forum.

9 For the two U.S. Senators of Illinois this
10 afternoon. And I wanted to make sure that I took them
11 appropriate status without going to far into OUO, it
12 is public so I need to be mindful of that.

13 MALE PARTICIPANT: Yes, you know, we're
14 doing all OUO, I'm not sure were we cross the line
15 quite frankly. But, you know, I think --

16 FEMALE PARTICIPANT: Cindy, would OPA be a
17 better source of public available information? We
18 could call somebody.

19 FEMALE PARTICIPANT: Yes, I'm not quite

20 (b)(5)

21 are on the particulars of the units themselves.

22 MALE PARTICIPANT: I think what we
23 probably can say is that right now all three units are
24 stable, you know they're not getting worse. They're
25 all being cooled with salt water, you know seawater.

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1 The Japan group is working with the U.S. Navy and I
2 don't know if that, but they're working with the U.S.
3 to start cooling with fresh water and they have couple
4 of initiatives underway to do that.

5 CINDY: What could we say about damages of
6 fuel. I think we've publicly gone out, I think
7 Borchardt actually mentioned It in his commission
8 meeting that all three have suffered some damage of
9 the core.

10 MALE PARTICIPANT: Yes.

11 CINDY: What have we said about the
12 condition of the fuel in the spent fuel pools
13 publicly?

14 FEMALE PARTICIPANT: I can work that
15 question through public affairs.

16 MALE PARTICIPANT: Yes, I don't think,
17 Unit 1's undamaged.

18 CINDY: Three and four I think are the
19 ones of interest.

20 FEMALE PARTICIPANT: I don't know how much
21 we've said publicly.

22 CINDY: Yes, I don't know either, I can
23 check with public affairs to see what the (inaudible)
24 on that is. Right I've got that that is several days
25 old now I wondered if we have.

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1 MALE PARTICIPANT: We haven't said
2 anything, what we have said I think is that they've
3 restored cooling and levels in all the spent fuel
4 pools using seawater.

5 CINDY: Alright. What's the status of
6 electric, offsite electric power to the units?

7 MALE PARTICIPANT: Power to the site, not
8 to the units. I mean five and six, they never lost
9 power, one to three and four.

10 CINDY: Okay, I'm thinking if they, you
11 know if the Senators ask well today what's the status
12 of, you know, the Japanese units, I want to be able to
13 say something.

14 FEMALE PARTICIPANT: Cindy, do you have
15 the latest, I have a 3:30 p.m. edition of the OPA
16 talking points. There's a section in there apparently
17 on the situation in Japan.

18 CINDY: I don't know that I have that
19 version, I think my OPA was earlier than that.

20 FEMALE PARTICIPANT: I see I have one, it
21 says update generated each day, I don't know it would
22 help but it might be a worthwhile document to try to
23 get into your hands.

24 CINDY: Okay.

25 FEMALE PARTICIPANT: Want me to try and

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1 see if I can do that?

2 CINDY: No, I'll work it from here, okay
3 thanks.

4 MALE PARTICIPANT: Do you have GO book.

5 CINDY: I have a GO book that has lots of
6 things in it but not anything that came out of
7 headquarters.

8 MALE PARTICIPANT: They have a GO book
9 mailing that has the talking points updated.

10 CINDY: Oh, no, I must not be on that
11 distribution.

12 FEMALE PARTICIPANT: Yes, I don't think
13 that has been going right now outside of a couple
14 people who have been going down to congress to brief.
15 But I would ask okay to get you this latest talking
16 point.

17 MALE PARTICIPANT: Yes, that's one of the
18 enclosures --

19 FEMALE PARTICIPANT: Because that at least
20 would give you some current information.

21 CINDY: Alright, I think I've got enough
22 to work with so I can say at least something, and I'll
23 check with OPA. So I appreciate your time folks.

24 MALE PARTICIPANT: Good luck.

25 (CONFERENCE CALL ENDED) 1:30:42

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2
3 (CONFERENCE CALL INITIATED)

4 MR. CASTO: Someone sent me an email
5 wondering if I was going to call in tonight after the
6 8:00.

7 MR. DYER: I'd like you to, this is Jim
8 Dyer.

9 MR. CASTO: Well, I'm running a little bit
10 late here so I'm sorry I didn't get right back to you.
11 Well, thought I'd just give you little bit of a
12 debrief on tonight's meeting.

13 MR. DYER: This is the cabinet meeting?

14 MR. CASTO: Yes, cabinet meeting. It was
15 an equipment discussion tonight mainly. A lot of
16 details on the flow of various equipment we had
17 offered them. Some measurement devices, and other
18 equipment they wanted the details on so we spent a lot
19 of time talking about that.

20 Spend a lot of time talking about KMAX and

21 (b)(5)

My point with that was well,
22 you know, I think we have over, well, not just we,

23 (b)(5)

24 little bit. So we just wanted to make they understood
25 it's capabilities.

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(b)(5)

1
2
3 You know, make sure they're going to use it before we
4 spend the money on it.

5 MR. DYER: Okay.

6 MR. CASTO: So we went through that with
7 them they were asking questions about measurement of
8 vegetation, tap water, detection devices and food
9 survey equipment.

(b)(5)

10
11
12 the lead on the radiation detection equipment and
13 robotics. So they talked through that a little bit.

14 We talked about KI about liquid KI, and
15 also some help effects advice Dr. Norm Coleman who was
16 here from CDC, Public Health Service, he's been here
17 for the last few days so they offered his services to
18 them for health effects studying.

19 We talked a little bit about, word had
20 come across the wire kind of through the chain today.

21 There's a number of American companies who are
22 seeking to do business with TEPCO and of course that's
23 their business, whatever they want to do with any
24 American company is their business.

25 But we had understood that come of these

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(b)(5)

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offer some help, that's not complete yet.

And you know any other offer that's coming

(b)(5)

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1 meet with them. And then there's another company, the

2 (b)(5)

3 You know, there's a lot of companies
4 offering them services, and as I told him, that's your
5 business, it's not ours. But you know a company
6 shouldn't be using us as a reference.

7 And then probably from the Unit 3, they'd
8 probably line it up to fresh water tonight.

9 MR. DYER: For Unit 3?

10 MR. CASTO: For Unit 3, yes. Of course
11 they're still having trouble with water supplies, you

12 (b)(5)

13 a tank, move over to fresh water from a (inaudible)
14 water tank that they have. (b)(5)

15 (b)(5)

16 And we talked to them tonight about the
17 water barge that Admiral Rowden is moving up there and
18 they're finishing tomorrow, they're finishing the
19 training on the pumping system sometime tomorrow.
20 Thought that it would be done today, but I think they
21 sent some more people down there so it's going to be,
22 I think they're finishing the training starting at
23 7:00 tomorrow. (b)(5)

24 to move it north.

25 MR. DYER: Hey, Chuck, we've been getting

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1 mixed reports on whether Unit 1 is on reservoir water
2 or not.

3 MR. CASTO: (b)(5) But we
4 have not verified it.

5 MALE PARTICIPANT: Okay, but that's the
6 same thing you're hearing?

7 MR. CASTO: (b)(5)
8 least, I don't know why, I mean, TEPCO came out today
9 and said Unit was on reservoir water and (inaudible)

10 (b)(5)
11
12
13

14 and, you know, we'll try to check that out.

15 MR. DYER: Okay, the other one was we
16 heard through, from (b)(5) morning that there was
17 on. Was it basically the Unit 3 turbine building,
18 lower level that they flooded?

19 MR. CASTO: Yes.

20 MR. DYER: And believed to be from RCS?

21 MR. CASTO: Right, and they had exposures
22 down there, 17R I think it was.

23
24 MR. DYER: Okay, so that's the source of
25 the three exposures?

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1 MR. CASTO: Yes. Fission product or
2 something, you know, it's definitely fuel.

3 MR. DYER: Yes, but that was recent, the
4 way we understood it was that they'd gone down and
5 done surveys like 24 hours before, (b)(5)

6 (b)(5)

7 But I mean, they thought they understood
8 one level and when they went down there they found
9 some flooding and in fact the levels were much higher.
10 And fission products which would indicate that they'd
11 had some sort of a breach in the containment.

12 MR. CASTO: Or from the fuel pool.

13 MR. DYER: Or from the fuel pool, okay.

14 MR. CASTO: That was the trouble, it's not
15 altogether clear on Unit 3 I don't think, you know
16 what the cause of the explosion was. It could have
17 been if it was a breach in containment, and the
18 hydrogen or was it, you know, the drainage of the
19 spent fuel pool and explosion.

20 I don't think it's all together clear on
21 Unit 3 you know what happened. Now we're seeing heat
22 signatures from like right in the center of the
23 reactor building, you know, and there is much
24 speculation here that on our side that the drywall,
25 you know that seal up at the drywall, on top of the

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1 drywall, underneath the shield plugs that they blew
2 out the seal on the drywall head with over pressure.

3 So that's, you know, because the pressure
4 went above design and they didn't vent and they blew
5 that seal out. And that's probably where the hydrogen
6 came from in the reactor building but it's not
7 certain.

8 They announced tonight that they were
9 having three project teams, (b)(5)

10 They announced tonight that they were sending up three
11 project teams, one of them focused on shielding one of
12 them focused on spent fuel removal and on focused on
13 remote robotics. You know, I ask a couple questions
14 about it and but I'm not sure I understood.

15 MR. DYER: This was at he cabinet meeting?

16 MR. CASTO: Yes, the cabinet meeting, and
17 it was kind of an odd cabinet meeting, so it was you

18 (b)(5)

19
20
21
22 MR. CASTO: Yes, you know, lets make sure

23 (b)(5)

24 look, you know, this fresh water is important, you
25 know, it's important and it's urgent but, you know,

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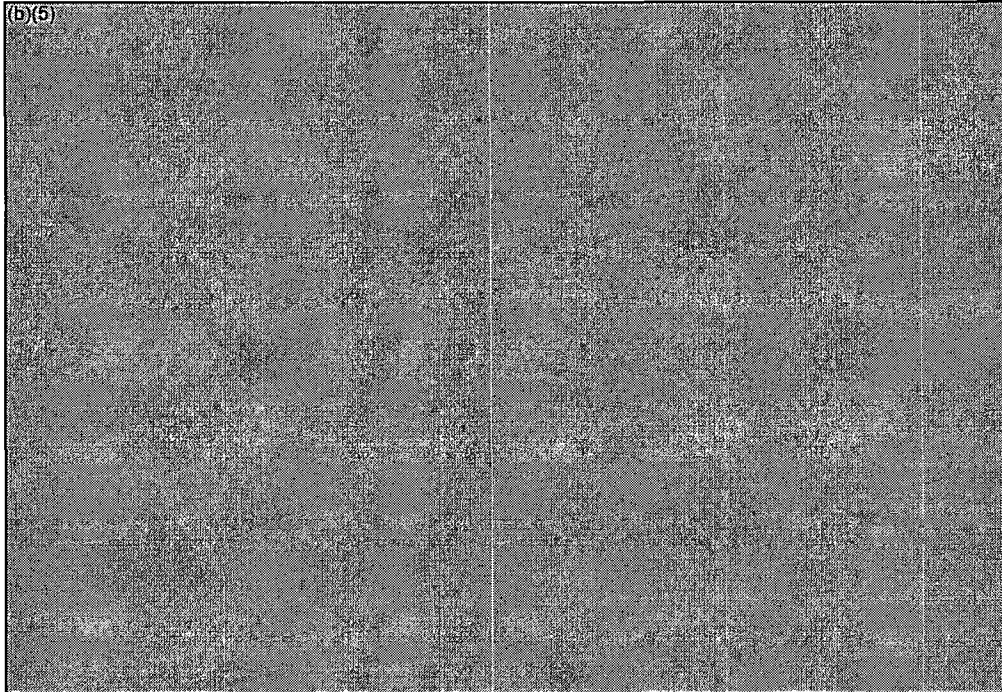
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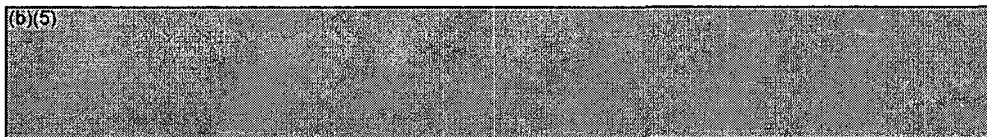
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1 there's much more to do as far as reactor safety. And
2 spent fuel pool safety, there's much more to do.

3 And then tonight they came in with well,
4 you know, basically they're saying we're going to
5 start the cleanup program and I turned them back to,
6 and the it's a long story but I'll try to make short.



10
11
12
13
14
15
16
17 don't get me wrong, he's really a good guy, I really
18 like him and he does a great job for us, particularly
19 on the water barge and all that.



22 MALE PARTICIPANT: What is the J-Village,
23 I'm sorry?

24 MR. CASTO: I'm sorry, that's a Japan
25 village, it's outside the EP, you know the 13

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1 kilometer zone where they stage equipment. For moving
2 in and out of the plant. (b)(5)

3 (b)(5)

4 (b)(5)

6 (b)(5)

7 I don't really understand, I was a bit
8 confused, I mean they wanted to de fuel the spent fuel
9 pools and I don't know where they're going to put it.

10 And some of that stuff came out of Unit 4, if it's
11 left, if there's anything left there, let's put that
12 way, you know, it's hot, where you going put it.

13 You know, you don't have a spent fuel
14 pool, a spare spent fuel pool off somewhere. So I'm a
15 little bit confused about their plan. You know we

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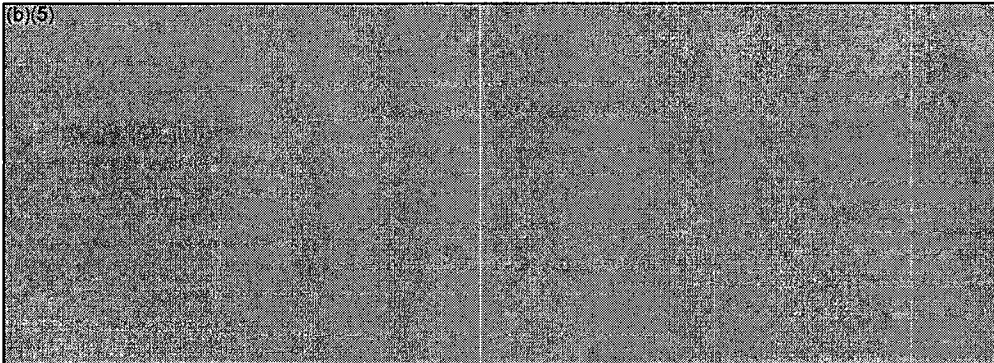
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1 all know that (inaudible) with the end in mind so you
2 got to have the end in mind?

3 And they don't have anyplace to put all
4 that stuff. So I don't know what they're plan is.
5 We'll deal with it tomorrow when they start standing
6 up these groups, but they want to consider everything
7 from sand to a sarcophagus, they're defueling the
8 plant and they want to look at all their options.

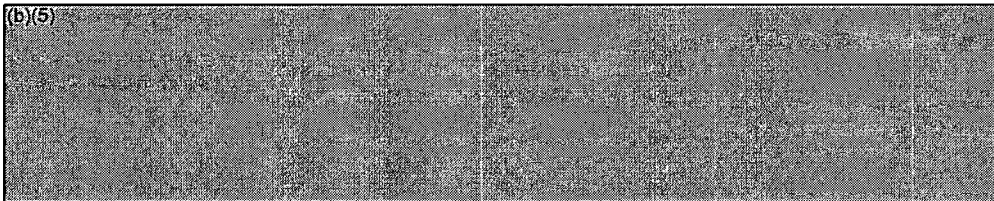
9 (b)(5)



14 MR. DYER: Yes, I was going to ask you
15 whether or not, how that was received?

16 MR. CASTO: We hadn't, we gave it to them
17 this afternoon when we got it, and they hadn't
18 digested it so they were not prepared to talk about
19 it. But they ask us to be at TEPCO to discuss it and
20 we said certainly. You know we're going to be there
21 to discuss.

22 (b)(5)



25 people here are definitely going to run that report up

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1 the flagpole so that things going to get a lot of
2 attention.

3 I tried to talk to them tonight about you
4 know this is a discussion piece this isn't you know
5 it's not, you know it's an evaluation. But, you know,

6 (b)(5)

7 MR. DYER: Chuck, just a minute I've got
8 an interrupt you here. Can you just your point, to
9 reiterate your point, that what's the issue on the
10 Reactor Safety Team?

11 (b)(5)

14 MR. DYER: Right.

15 MR. CASTO: Okay, we provided that to NISA
16 you know, we didn't want to give it to TEPCO we wanted
17 to give it to NISA first and have a dialog on it.

18 (b)(5)

19
20
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22
23
24 And I tried to explain to them it's a
25 discussion piece and we need to have a dialog about it

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1 that it's an evaluation. I don't know that's it's
2 management reviewed or if it's the NRC official
3 position, I said it's a discussion piece, you know,
4 for us to discuss and they were.

5 MR. DYER: That's our best thinking.

6 MR. CASTO: Right and you know these are
7 the guys that you know, alright.

8 MR. DYER: Alright, we'll bring them in.
9 Hey, Mike just came back from the Consortium call.

10 MR. FRANOVICH: Chuck, there's a lot of

11 (b)(5)

12 know, they've made, they've responded to requests
13 about what equipment could be made available for
14 certain specific issues.

15 But they're wondering, basically they
16 haven't got any specific requests or authorized
17 actions to take and I think they're kind of expecting
18 that to come back from the team somehow.

19 I don't know how you're plugged into to
20 that with your meetings at the cabinet level. Are
21 there any, how do we anticipate the Japanese
22 government or TEPCO approving these items that we said
23 we could make available?

24 MR. CASTO: Well this is a real dance,
25 Mike, and it's very difficult to understand. But what

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1 I'll say is the number one premise is all requests
2 from the Japanese government to the United States, are
3 fed through the cabinet meeting.

4 (b)(5) is the only guy that can speak for
5 them and he needs the cabinet meeting to say yes we
6 want this device or no we don't want that device.
7 He's the only guy and they give us a list at night
8 that I think today, last night was the first night
9 actually we got it this morning, was the first list
10 that we got from them.

11 And then but you have to be very careful,
12 you get that list, and that's a list, that list they
13 give you is a list of discussion items. You know, I
14 think there's 14 items on that list, and then on the
15 back page there's three more. And that is a list of,
16 these are the pieces of equipment we want to discuss,
17 they have, under each piece of equipment, they have
18 who's in charge of working out the details. Then you
19 have to do all that, then it goes back up to the
20 cabinet where they say yea, we want this.

21 MR. FRANOVICH: Okay so that's the process
22 it's going to take, at least two days to go through to
23 get the request, get information back, and then
24 potentially discuss I the next cabinet meeting?

25 MR. CASTO: Yes, it will take at least two

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(b)(5)



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5 MR. FRANOVICH: The items that you
6 discussed, the 14, the list of the discussion items,
7 do you think that's sent back here yet?

8 MR. CASTO: I can't tell you if that list
9 was sent back to you today or not, Mike, and I don't
10 know that I have it with me.

11 MR. DYER: Hey, Mike, you know what, you
12 can call Allen.

13 MR. FRANOVICH: Chuck, what I was going to
14 say, is Al Hochevar, is accompanying you to these
15 meetings isn't he?

16 MR. CASTO: Yes, Al Hochevar? Yes, he
17 sits right in the meeting with me, he sits behind me.

18 MR. FRANOVICH: So he has those items?

19 MR. CASTO: No, what I was going to say is
20 Allen (inaudible) in our conference room, he should
21 have that list of items. He's there tonight. If you
22 call that 50-59 number Allen's in there, and I may
23 have a copy of it hee with me if I look through my
24 documents but it's certainly Allen (inaudible) has it
25 in the conference room. He has the list of items

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1 requested by the Japanese Government, to the United
2 States, I think is the title of the Document. There's
3 like 14 items on the page. So if you call that 50-59
4 number he'll have it. But remember they're items,
5 even though it says requested, those are items that,
6 you know.

7 MR. FRANOVICH: It's a request for
8 additional information.

9 MR. CASTO: Yes, that's a good way to put
10 it, yes it's a request for additional information. So
11 they're very, it's very slow to get through to the
12 actual yes, to get the yes.

13 MR. FRANOVICH: And who, you said there's a
14 single point of contact at the cabinet level, and
15 what's his name?

16 MR. CASTO: (b)(5)

17 (b)(5)

18
19 MR. CASTO: Yes, he's the only one who can
20 speak for the government, (b)(5) He has to approve
21 it, and when you get that list from Allen, remind him
22 that there's three items on the back page, it's two
23 sided.

24 There's a list of ministries that have
25 interest in that. Each individual line item, the

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1 ministry that's underlined is the lead ministry for
2 that item.

3 What we're trying to do, what Allen I
4 think will do tonight is he's taking that list and
5 we're building an excel spreadsheet or a power, you
6 know, what's the other thing called? A share point
7 site. I think Allen's trying to either build a share
8 point site or a Excel spreadsheet to track all that
9 stuff. And presumably when the Chairman's logistical
10 organization gets set up, you know, they would deal
11 with all that.

12 MR. FRANOVICH: You say the consortium
13 Logistical Organization?

14 MR. CASTO: No, no, the Chairman has

15 (b)(5)



16
17
18
19 with a logistical support organization to track and
20 flow all that equipment.

21 MALE PARTICIPANT: Headquarters Operations
22 Officer, Jim Dyer, is coming to the bridge.

23 MR. ZIMMERMAN: I think you are already on
24 top of this issue, I'm trying to find my notes on it,
25 but (inaudible) call it was mentioned that we want to

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1 pull together the cost of this endeavor, it's due
2 tomorrow at noon?

3 HEADQUARTERS OPERATIONS OFFICER: We
4 already submitted our costs.

5 MR. ZIMMERMAN: Okay, I thought that's
6 what you were telling me but I didn't put it together
7 with the request because I hadn't heard the request
8 come in yet. You guys were all over it and we did our
9 part.

10 HEADQUARTERS OPERATIONS OFFICER: Yes, we
11 submitted it at 3:30 this afternoon, we were suppose
12 to submit to OMB, now that's the request that was
13 talking about.

14 MR. ZIMMERMAN: Yes, that was it.

15 HEADQUARTERS OPERATIONS OFFICER: Okay,
16 yes it went in at 3:30 this afternoon.

17 MR. ZIMMERMAN: Okay, you over achieved as
18 usual.

19 HEADQUARTERS OPERATIONS OFFICER: Yes, it
20 was about 2 million bucks so far.

21 (CONFERENCE CALL ENDED)

22

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3 (CONFERENCE CALL INITIATED) 1:55

4 MR. ZIMMERMAN: Chairman (inaudible)
5 You're on the line.

6 Thank you for calling in, I want to let
7 you know that we untangled the earlier issue with

8 (b)(5)
9

10 (inaudible) will be going over. Okay, I just wanted
11 to get that off of your mind.

12 CHAIRMAN: Okay, thank you, I appreciate
13 that.

14 MR. ZIMMERMAN: The (inaudible) call I can
15 include that in what I send you at 10:00, from the
16 secure video teleconference. I can give you a quick
17 rundown or I can just put it in what we send you at
18 10:00 so I don't disturb you too much.

19 CHAIRMAN: Yes, if you want to give me a
20 rundown right now, that's fine.

21 MR. ZIMMERMAN: Okay, I covered the point
22 that you raised in terms of the dynamic situation.
23 The fact that, you know, we've had good days and bad
24 days and (inaudible) the events from day to day, how
25 things are going as well as the challenges with

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1 communication, they all basically said they're
2 experiencing the same thing with their communications.

3 They have some basic questions in terms of
4 the status of the facility, and what's happening in
5 the cores and so forth. And at a high level, I walked
6 them through that. (inaudible) what was occurring at
7 Unit 3, so they've got that information.

8 (b)(5)

9 liquid KI that they're ready to provide to the
10 Japanese should they formally request it. And I
11 indicated (b)(5)

12 don't think we're double counting.

13 It's down to the (inaudible) one of the
14 fresh water barges is underway to the site. Which is
15 information we did not yet have. So that was good
16 news that hopefully the barges will get there sooner
17 rather than later.

18 CHAIRMAN: I'm sorry, I'm getting terrible
19 (inaudible), I didn't get that last point, something
20 about the tug?

21 MR. ZIMMERMAN: The fresh water barges and
22 that it looks like one of them is on it's way, and
23 considerably along it's way, maybe 20 hours into the
24 trip. That was better news than we had been able to
25 put together here so far.

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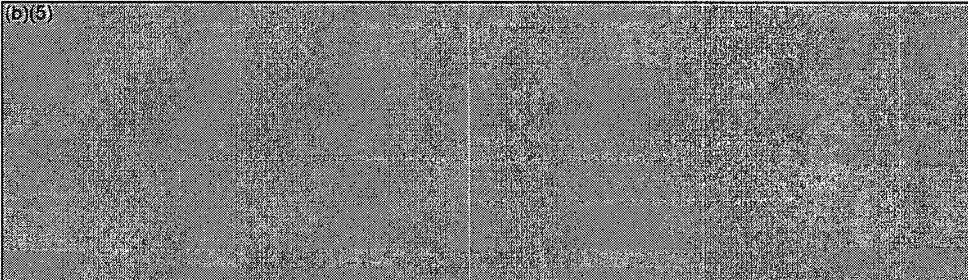
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1 Considerable discussion about what they
2 term book ending, the modeling. They're interested in
3 a full (inaudible) document from DOE that other
4 agencies including us would respond to. We're trying
5 to be able to understand what worst case could look
6 like, what is the more optimistic view, and that's an
7 activity that continues to work.

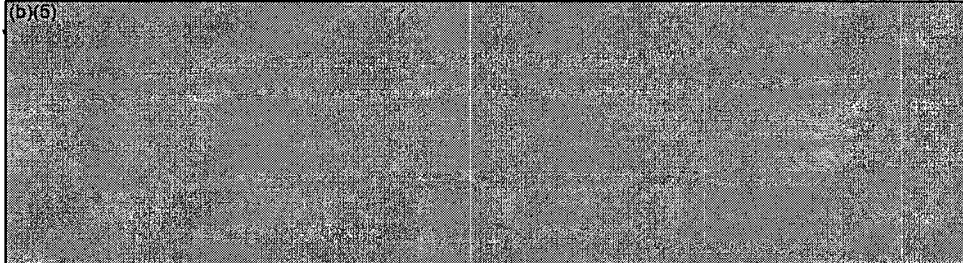
8 It was interesting that (inaudible) made
9 the comment that there's just too many opinions, he's
10 not a big fan of these models, and making decisions
11 from, you know, from what's on the ground is a key
12 component of this.

13 But we continue to work to support the two
14 analyses. (b)(5) 

15 (b)(5) 

16
17
18
19 five days.

20 But they're requesting from us that we
21 maintain tight communication with them and as soon as

22 (b)(6) 

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1 indicated we would do that.

2 There's hoarding of water taking place,
3 and Coca Cola and Cosco have offered donations for
4 Japanese which looks like they're going to accept
5 because they are running low on water.

6 I think that's probably the highlights for
7 now, I don't want to take up too much of your time.

8 CHAIRMAN: Did you get a sense on the
9 logistical support team, was there any progress for
10 that?

11 MR. ZIMMERMAN: Well, I told them what we
12 were doing in terms of trying to set that up, and
13 being having more in country, I mean, that's
14 encouraging but they seemed very much like us, you
15 know, a step forward, a step backward. That we see
16 the (inaudible) and they recognize no two days are the
17 same.

18 (b)(5)



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24 CHAIRMAN: Good and if you could just send
25 me all this too in a quick write up it would be

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1 helpful so I could just refer back to it if I need to.

2 MR. ZIMMERMAN: Okay, you ask a question
3 earlier about talking with Chuck, the best time for
4 that would be 6:30 EST. From Chuck's perspective. If
5 that works for you then we'll put that on the dance
6 card.

7 CHAIRMAN: Good and that's in the morning
8 or the evening?

9 MR. ZIMMERMAN: In the evening, 6:30 p.m.
10 Eastern time. Okay that will start when, tomorrow?

11 CHAIRMAN: Yes, that's perfect.

12 MR. ZIMMERMAN: Alright, very good, that's
13 all for now, thank you.

14 CHAIRMAN: Thanks, Roy.

15 (CONFERENCE CALL ENDED)
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4 (CONFERENCE CALL INITIATED) 2:07

5 ELLIOT: Hey, Roy and Bill, this is
6 Elliot. Listen I apologize for interrupting I cannot
7 be on the 8:00 call, but I just wanted to pass
8 something on. I have been working (b)(5)
9 getting some kind of PR associated with their machine,
10 when and if it ever works.

11 And just in case people ask about it we're

12 (b)(5)
13
14
15

16 I would need some NRC person to be
17 available for an interview on the NRC side, Bill or
18 members of his team, who are involved in drawing the
19 drawings, that kind of stuff. So just a heads up on
20 that regard.

21 MALE PARTICIPANT: What day are you
22 looking at, this is next week sometime right?

23 ELLIOT: Well, hopefully next week. I
24 told them don't do anything until they are absolutely
25 certain that the machine is both deployed and working

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1 properly.

2 MALE PARTICIPANT: Very good answer, thank
3 you.

4 (CONFERENCE CALL ENDED)

5 MALE PARTICIPANT: We're going to revise
6 that in there that the Japanese government is asking
7 people within 20 to 30 kilometers to evacuate.

8 MALE PARTICIPANT: Okay, so I'm going to
9 tell you what came out of the Sitreps and a little bit
10 of what I pickup up during the day and then I need you
11 to tell me things that would be appropriate for the
12 (inaudible) brief.

13 FEMALE PARTICIPANT: You've have a copy of
14 the 6:00.

15 (Off the record comments. This section
16 comes in and out on the audio, but seems to pertain to
17 the incident.)

18 MALE PARTICIPANT: Yes, I should have that
19 now, I don't know if I do but it went out. This is
20 the secure video teleconference brief. There was a
21 lot of interest on trying to understand from us the
22 projectory and prognosis for what's going on. So I
23 walked them through that, I told them that things are
24 very dynamic, so it changes day to day.

25 So once we get optimistic it doesn't last

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1 long, something comes up and then when it starts
2 (inaudible) or something positive comes up whether
3 it's seawater going in, getting power back it's just
4 back and forth. And they all said they're feeling the
5 same thing, they understand.

6 I told them communications did improve
7 when it comes to the team but it's still difficult to
8 get (inaudible) and accurate information. (inaudible)
9 did report today that a million bottles of liquid KI
10 to assist the Japanese, if it's requested. I told
11 them I didn't know, (inaudible) similarly they had a
12 million doses (inaudible) I don't know if they're
13 double counting, I don't think they are.

14 FEMALE PARTICIPANT: (b)(5) are tablets,
15 (inaudible) are liquid.

16 MALE PARTICIPANT: (b)(5)
17 their story on the barges was, one barge has left is a
18 long way there. It's something like a 30 hour trip
19 and it's 20 hours underway. Best news we had is that
20 it hadn't left yet, and he said oh yes it left. One
21 barge has left. (inaudible) was asked whether Tokyo
22 has potential to be (inaudible) and he indicated that
23 was highly unlikely.

24 A lot of discussion about book ending
25 (inaudible) scenarios a less conservative, the

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1 optimistic one and the worst case, whatever we're
2 calling it. (b)(5) (inaudible) so he has it
3 (inaudible) indicated that there's just too many
4 opinions to factor into the modeling decisions and he
5 prefers to make decisions on what's happening on the
6 ground. He recognizes the importance that modeling
7 plays in the factor but (inaudible).

8 Okay another thing of importance,
9 (inaudible) is trying to look at the fact that they

10 (b)(5)
11
12
13
14

15 (b)(5)
16
17
18
19
20

21 So I told them I understand that we're
22 going to get them as early (b)(5)
23 can. I made that commitment for these, that's a tough
24 call right?

25 MALE PARTICIPANT: No, given time line.

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1 MALE PARTICIPANT: What it means is we
2 need to be conservative, and when things go bump in
3 the night we need to let them know, and if that means,
4 part of that is well (b)(5)

5 (b)(5) They want to
6 buddy up with us that there's not a lot of yapping
7 time or they don't know what we're doing. But
8 (inaudible) really pick it up and when Vince goes out
9 there he'll be doing a lot that contact for us.

10 MALE PARTICIPANT: This the guy that's
11 going to Hawaii?

12 MALE PARTICIPANT: So that tack on piece
13 is important that we need to be on the front end to

14 (b)(5)
15
16

17 Japanese are (inaudible) and the
18 government is willing to take donations from Cosco and
19 Coca Cola have offered and they're accepting. And
20 then their were questions if equipment goes to Japan
21 and gets contaminated, the answer is if it goes in
22 clean (inaudible).

23
24
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1
2
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4
5 (CONFERENCE CALL INITIATED) 2:18

6 MR. ZIMMERMAN: I believe you've got the
7 briefing sheet it has 0600 on it and then pen and
8 inked over to 1500? Or maybe it hasn't made it to you
9 yet.

10 CHAIRMAN: I don't think it has, or it's
11 made it to my office but not to me.

12 MR. ZIMMERMAN: Okay, let me run through
13 the things that are on that sheet. Fresh water
14 injection is being provided to Units 1 and 3. The big
15 issue of the day, as I'm sure you're well aware is on
16 the media, the flooding of the turbine building of
17 Unit 3. That shows evidence that the is water
18 contaminated with radioisotopes from the fuel itself.
19 Not from the spent fuel pool but from the reactor.

20 So that flow (inaudible) is something that
21 is not yet clear to us, likely in Japan they're
22 working on that as well, trying to understand what
23 that flow (inaudible) is.

24 CHAIRMAN: Do we know what the source of
25 the fresh water is at this point? Did the barges

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1 arrive? Or are they pumping from that pond?

2 MR. ZIMMERMAN: It's the later, they have
3 reservoir that has a limited amount of fresh water,
4 and they're using that. It sounds as though the
5 barges may not have even left yet. They have to get
6 pulled by tugs, the tugs apparently had priorities so
7 they've been trying to work out the logistics to free
8 up, (b)(5)

9 And then the value I heard is about 30
10 hours to be able to be able to transport the barges up
11 to the unit. Again, not sure that's exactly accurate
12 times but those are at least ballpark of what we're
13 hearing.

14 CHAIRMAN: What can we do to kind of help
15 move these things along?

16 MR. ZIMMERMAN: Well, one of the things is
17 probably to continue to work (b)(5) as they
18 requested. One of the things that we were working on
19 yesterday evening (b)(5)
20 in similarly trying to move things along.

21 (b)(5)
22
23 happening (inaudible) to his organization but his
24 interest which I was told you were aware of us, his
25 interest last night is they were looking for us to

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1 provide somebody to Honolulu to stay with him to drive
2 things to completion. Similar to what Chuck Casto is
3 doing with the Ambassador.

4 And I guess over the last couple of shifts
5 we opted that that was not something that we felt we
6 could support. I don't know if that's news to you or
7 not?

8 CHAIRMAN: Yes, that's complete news to me
9 and I would have liked to have been involved in that
10 decision making. I would like us to be able to
11 support that.

12 MR. ZIMMERMAN: Okay, we'll run down how
13 we got turned off. But the request that was made last
14 night was similar to what you just indicated. I had

15 (b)(5)
16
17

18 (b)(5)
19

20 things to him so we can get things done. But then
21 when I took the shift today I was told that that was
22 something that we were not going to do. I also heard
23 that you were informed of that. I could take it from
24 there, let us work that back.

25 But if you're saying you are supportive

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1 let's try to move somebody out to Honolulu to be to
2 able to work with Admiral Willard.

3 CHAIRMAN: Well if he's in Japan then we
4 would just, I think supply somebody to Japan.

5 MR. ZIMMERMAN: I think that's only for a
6 short period of time. I don't think he's, from what I
7 understand he's not going to Japan, he's going back to
8 Honolulu.

9 CHAIRMAN: Okay, wherever, if he needs a
10 support person then I think we should look to do that.

11 Now we also have this logistical team that's suppose
12 to have been stood up or is in the process of being
13 stood up. It's gotten the green light, so it needs to
14 be stood up.

15 That may also maybe be addressing that
16 concern, so that may have been why that got turned
17 off, but yes if you could just give me an explanation,
18 but let's get it turned back on again and see how we
19 could support that.

20 BILL: I'm sorry, this is Bill, you know
21 Eric had a call with I think Admiral Willard today and
22 he was quite satisfied with the communication channels
23 we were going to prepare or going to set up, by
24 telephone, just to keep him appraised of NRC
25 activities.

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1 MALE PARTICIPANT: There's confusion,
2 Bill, because I got an email from the gentleman within
3 the last hour that I spoke to last night, asking how
4 we were coming along with supplying somebody.

5 CHAIRMAN: Okay, why don't you just double
6 back, Roy, let's try and track it down. I'm
7 supportive of trying to support them because I think
8 the more we have communication there I think the more
9 it helps keep us from getting dragged off into other
10 directions. So if we have a good contact with him
11 then we can help kind of keep them focused on the
12 right things.

13 But hopefully this logistical support team
14 will fill this void, and alleviate the need to do it
15 but see what you can do, track it down, figure out
16 exactly if they still need it or not. Okay, if you
17 can get back to me with that by 7:00 tonight.

18 MR. ZIMMERMAN: Okay.

19 MALE PARTICIPANT: And, Roy, I just
20 forwarded an email from Eric Leeds that described the
21 results of his phone call with (inaudible)

22 MR. ZIMMERMAN: Right that's why there's
23 some confusion that we'll try to figure it out. Other
24 items, DOE is taking the lead of working with Japan on
25 the robotics. The Japanese are very interested in the

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1 robotics.

2 The Japanese are training on the pumping
3 system that came in from Australia, looks like we want
4 to do one more day of training tomorrow, then they'll
5 be looking at moving the equipment out to the site.

6 We talked about the barges already, not
7 yet left for the site. The severe accident management
8 strategies that were coordinated by the Reactor Safety
9 Team have been provided to Chuck and then over to
10 (inaudible) and will get discussed with TEPCO
11 tomorrow.

12 And other than that, again, I think the
13 big interest is, the big news of the day was the
14 information about the turbine building flooding. I
15 got a (inaudible) call at 4:00 today that will pick on
16 the last call that was done a few days ago. Interest
17 there was on the reentry guidance, a view of citizens
18 to be able to go back to retrieve belongings. And
19 that has been pulled together by the DMT.

20 And the other (inaudible) item had to do
21 with providing information coming from the U.S. power
22 plants, the various radiation monitoring stations and
23 providing that and that looks like that's working well
24 (inaudible)

25 CHAIRMAN: If you can continue to

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1 reenforce the importance that we have not yet turned a
2 corner on this event and I think that's a fair
3 assessment at this point.

4 I think if you can continue to reinforce
5 the fact that we have not turned the corner and
6 there's still the potential, and again, correct me if
7 I'm wrong, but there's still the potential for more
8 serious degradation in the situation.

9 I think that needs to be emphasized and if
10 you can also try to get information, if you have the
11 opportunity, about the logistic team and what the time
12 line will be to have that, you know, with a person in
13 Japan who will be doing that.

14 Because that was basically signed off on
15 last night, so I think hopefully this will be a focus
16 of the effort now to get somebody there, things like
17 the barges, the robotics, it would be a person who
18 would be coordinating all that and make sure it gets
19 done, you know, can track it and complete it.

20 MR. ZIMMERMAN: Will do Chairman.

21 CHAIRMAN: So in terms of your priorities
22 for your next shift, what are you looking at?

23 MR. ZIMMERMAN: Initially preparing for
24 the (inaudible) call, during our first conversation
25 with the in country team with Chuck we'll see what we

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1 can do to be able to support them.

2 High on the list other than that is trying
3 to make sure we have as accurate as data as possible,

4 (b)(5)

5
6 Try to understand whether their satisfied
7 with the (inaudible) briefs or whether they're still
8 looking for somebody to be out there to try help with
9 some of those statistical issues.

10 CHAIRMAN: Okay, good. And I would like
11 to talk to the team at least once a day, to Chuck, so
12 can we figure on a time to do that. Either, you know,
13 whatever is most convenient for him. Either in the
14 evenings or mornings depending on what how his
15 schedule works out. So you could work on that and set
16 that up if we could do it maybe this evening, or like
17 I say whenever he's got a good time.

18 MR. ZIMMERMAN: Very good, we'll work on
19 it.

20 (CONFERENCE CALL ENDED)

21 (CONFERENCE ROLL CALL)

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6 (CONFERENCE CALL INITIATED)

7 MR. ZIMMERMAN: The plan for today is
8 similar to go over some of the more significant
9 updates through the day and then answer your
10 questions.

11 Are the on again, off again, aspects of
12 the fresh water injections to the units, right now
13 they do have fresh water injections at Units 1 and 3.

14 However they are not yet from the barges,
15 they are from tanks that have limited sources of
16 reservoir, I don't think we have a good feel for how
17 long those reservoir are will hold out.

18 But at least they're getting fresh water
19 injection and greater flow going into Units 1 and 3.
20 And I'll talk more about that importance in a moment.

21 The issue that seems to capture the day in the media,
22 was the flooding in the turbine building at Unit 3.
23 Where they found elevated of iodine and (inaudible)
24 which appear to have been leakage from the core.
25 Which would indicate a likely breach of containment,

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1 primary containment. We don't have a path at this
2 time for how that may have occurred. That is
3 something that we are looking into.

4 The (inaudible) toured on Unit 5, and
5 electrically power has been supplied to all six units
6 let me say, up to the front gates and at varying
7 levels to each of the individual reactors as they
8 continue to measure equipment and see what's operable
9 what needs to be skid mounted, and turn lights on in
10 the control rooms and so forth.

11 The power comes back or it comes back in a
12 somewhat unique fashion for each facility, depending
13 on what the damage was. The DMT has been working on
14 short term dose runs of NARAC per in country of, and
15 I'll speak a little bit more about some of the
16 modeling that's been done.

17 (inaudible) has shown interest in
18 robotics, (b)(5)
19 robotics and environmental issues, so that's being
20 pursued.

21 The pumping system that came in from
22 Australia, the Japanese have taken a day of training
23 thus far on it and have another day of training
24 planned for tomorrow. And then the Self Defense Force
25 is ready to move the equipment to the site. So

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1 hopefully before the weekend is out we'll have some
2 information about the pumping system.

3 With regard to trying to have a greater
4 longevity of fresh water injection, the Navy is using
5 tugs to bring up the two fresh water barges. At least
6 one of those barges has left and is probably more than
7 halfway to the facility. So hopefully it'll be at the
8 facility sometimes tomorrow.

9 I don't have a good status on the second
10 barge, but hopefully it's not far behind. The info
11 representative and the in-country team continue to get
12 seats at the table with TEPCO's emergency op center.
13 And hopefully that chemistry will continue to grow
14 with each passing day.

15 We have provided the severe active
16 management strategies that talk about fresh water
17 inerting the dry well, et cetera too. The NRC came
18 and they've shared it with counterpart at NISA
19 Regulator and it'll be discussed with TEPCO. If not
20 today, tomorrow.

21 Other issues is, again, it looks as though

22 (b)(5)

23
24 logistics together for this. They've asked for
25 additional support.

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Someone similar to do what Chuck is doing

(b)(5)

MR. ZIMMERMAN:

(b)(5)

Honolulu starting on Monday. And again, it's somebody

(b)(5)

can depend on for background on the ins and outs on the NRC and concerns that the NRC may have where he may feel that he has some leverage where he can try to break some things free.

So that's an oversight, just a quick overview of today. I wanted to share a little bit from a secure call that I was on. I need to be careful recognizing we're on an open line. But I will share a little bit of information that I feel comfortable with.

There was a lot of information that was posed to the NRC about how we see the issued trajectory and prognosis for the present site. And made it clear that it's been a roller coaster ride and it's a step forward, a step back. And very, very dynamic. And can't really trend direction more than a few hours at a time.

And the attendees seem to understand that

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1 from their own interactions on this and recognize that
2 it's difficult to put together any longstanding
3 trends.

4 (b)(5)

5
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7
8
9 There was a question raised about, and
10 I'll kind of fuzz this up a little bit, in terms of
11 Tokyo and any dangers in Tokyo beyond what you've read
12 about with regard to (inaudible) in tapwater. And
13 it's viewed as unlikely that there would be other
14 radiological significant problems for Tokyo.

15 A lot of discussion about modeling. Book
16 ending the modeling, looking at optimistic models as
17 compared to worst-case models. One model was shared
18 at a closed (inaudible) (b)(5)
19 that information and we'll look at how we can share it
20 with his counterparts in Japan.

21 And there was some dialogue about there's
22 so many different opinions on, once you go into the
23 modeling, that in a lot of cases it's using the
24 information that you have on the ground and using it
25 effectively and continuing to take active readings.

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1 And putting that together with meteorology
2 that can supplement the models very well. But some of
3 the models are very conservative.

4 (b)(5)

5
6 we will maintain a tight connection with them, with
7 Vince going out to Honolulu will be part of that.

8 If something bad is forthcoming they're
9 interested in having an advanced notice of that so

10 (b)(5)

11 they can do that. And I won't go any further on that
12 topic.

13 With regard to hoarding of water which is
14 taking place in Japan. Coca Cola and Costco have
15 offered donations that have been accepted by Japan.

16 And a couple other things that I think are
17 of lesser importance. I think I've hit the
18 highlights. Before I ask the team to correct or add
19 on to what I've gone over and then go to your
20 questions, I'll mention this while I'm thinking of it
21 so I don't forget it and we hang up the phone.

22 The briefing for tomorrow can really be
23 your call. There's no reason it has to occur at 7:30
24 in the morning and put a burden on yourself. If you
25 all prefer 8:00 or 8:30 for the TA Brief tomorrow we'd

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1 be glad to do that from here.

2 So when this call's over, unless you've
3 already made up your mind you like it, we'll close on
4 what time you want your brief.

5 Okay so let me ask the team here, before
6 we go to questions, anything that you want to add or
7 correct in what I went over? Okay, we're ready to
8 take questions.

9 MR. ORDERS: Roy, this Bill Orders. The
10 salt accumulation in the vessel, is that going to
11 prevent any cooling activity?

12 MR. RULAND: This is Bill Ruland. As
13 you're no doubt aware our assessment, and when I say

14 (b)(5)



15
16
17 that were already in place of how to fight a casualty
18 the salt is probably the only thing that wasn't
19 considered.

20 So when you look at the SAM-Gs you've got to
21 think about, okay, these are really good
22 recommendations. But how does the salt in the, you
23 know, the salt accumulation alter the recommendations.

24 So that has been considered. Our best estimate is
25 that the salt is probably at the bottom of the core

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1 barrel.

2 And, in at least one case, the salt has
3 probably plugged up the core spray nozzle. So the
4 salt has, you know, there is literally tons of salt in
5 these reactor vessels. And the exact configuration of
6 the salt mixed in with core debris is frankly unknown
7 at this point.

8 So it is a recognized problem that we're
9 trying to deal with, I mean the Japanese are trying to
10 deal with and we're trying to provide them
11 recommendations.

12 As you've heard about the briefing, both
13 Unit 1 and Unit 3 are now injecting freshwater and our
14 recommendations to the site team, which is passed
15 along to the Japanese is, in fact, that it's of
16 paramount importance to get freshwater injection from
17 here out.

18 So yes, let me go back to your question.
19 The salt, in fact, could be hampering heat removal for
20 some of the core or core debris.

21 MR. ORDER: Okay. Thank you. One other
22 question. On a number of the units it says that the
23 reactor recirc pumps, the seals could be failed. Does
24 that mean we're pumping water in, it's going to the
25 floor? And primary containment?

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1 MR. ZIMMERMAN: Yes, yes it is. (b)(5)

2 the original source of that assessment and we don't
3 disagree with it. You know, they said it's very
4 likely that the seals have failed. I think at least
5 on two of the reactors that was our conclusion, that
6 those seals had failed.

7 They have, those seals have like a
8 breakdown orifice associated with them to release at
9 high, at operating pressure, that if they sprung a
10 leak that would limit the leakage rate. But with salt
11 and the low pressures it's unclear exactly how much is
12 going there.

13 We've done some preliminary calculations
14 about, you know, given assumed flow rates there's
15 about a million and a quarter gallons of volume, at
16 least in drywell. And depending on the calculations
17 and assumptions about how much water has been going in
18 there, there could possibly be 750,000 gallons of
19 water has been injected.

20 And these numbers, please don't take these
21 numbers, and I know you won't, to the bank. But these
22 numbers could be widely varying. But there has been
23 substantial amounts of water injected into the, or
24 ended up in the drywell.

25 MR. ORDER: I understand. One more

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1 question and then I'll yield the floor. Unit 3,
2 Turret Building, contaminated. How did that happen?

3 MR. ZIMMERMAN: We just have theories but
4 that's all we have at this point. You know it could
5 be a number of things. And really at this point we
6 really don't know. It could be, you know, some sort
7 of condensation, it could be water has gone down the
8 main steam lines. You know, like I said at this point
9 and I'm feeling that the fact that I even mentioned
10 something, I'm starting to hesitate.

11 MR. ORDER: Yes, I understand. Got you.
12 What about, let me ask you this. The people that were
13 contaminated on their feet, was that Turbine Building
14 or Ops Building?

15 CINDY: Turbine.

16 MALE PARTICIPANT: Turbine Building.

17 MR. ORDER: That's what I thought. Okay.
18 I'm done. Thank you.

19 MR. CASTLEMAN: Hi, this is Pat Castleman.

20 In today's EDO Daily Notes they mentioned the fact
21 that there was a TI that was issued for our inspectors
22 to go out and verify that beyond-sign basis measures
23 are still in place and functional. Is that TI
24 available on the internal web? And if not, can we get
25 a copy of that please?

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1 MALE PARTICIPANT: Hey, Pat?

2 MR. CASTLEMAN: Yes?

3 MALE PARTICIPANT: I'm not sure that
4 we're, the OP Center, is actually following that but
5 that's one of the things that NRR is looking into. I
6 would check with NRR in the morning on that.

7 MR. CASTLEMAN: Okay. Sounds good. And
8 just as an administrative note, an 8:30 conference
9 call works for me.

10 MR. ZIMMERMAN: Okay, since you raised it,
11 does it work for the other TAs as well so we can
12 settle that? Or is there a preferred other time?

13 MALE PARTICIPANT: I concur on that.

14 MALE PARTICIPANT: Me too.

15 MR. HIPSCHEMAN: This is Tom Hipschman, I'm
16 okay with anytime the other guys want to.

17 MR. ZIMMERMAN: Okay.

18 MALE PARTICIPANT: They're all good.

19 MR. ZIMMERMAN: Okay, hearing nothing
20 different, the call tomorrow will be at 8:30. But if
21 there's no questions we remain here, we have nowhere
22 to go.

23 MR. ORDER: Hey, this is John Order, I've
24 got one more question. Are you ready, Roy?

25 MR. ZIMMERMAN: Yes.

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1 MR. ORDER: On the secure call. The items
2 that you list ?? Not want them repeated? Usually I
3 formulate and email them.

4 MR. ZIMMERMAN: Okay. What was your
5 question, John.

6 MR. ORDER: You had a secure call, but
7 then you felt comfortable telling us six things. And
8 I want to know if that's okay to repeat those six
9 things or did you want it held in closer?

10 MR. ZIMMERMAN: No, you can release them
11 to people that you feel have a need to know.

12 MR. ORDER: Okay. All right, that's fine.
13 Thank you.

14 MR. ZIMMERMAN: I wouldn't put out an
15 office-wide broadcast of it though.

16 MR. ORDER: Well, that's what I'm worried
17 about. So the (inaudible) command is still a
18 decision, right?

19 MR. ZIMMERMAN: That's how we have, is
20 that (inaudible) command is going to be picking up the
21 lead for the Federal Government.

22 MR. ORDER: Yes, and I don't know if I'll
23 repeat any of this stuff. I just wanted to make sure
24 if it was stuff you didn't want spread.

25 MR. ZIMMERMAN: No, I mean sitting down

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1 with Sam and walking him through it so he has it could
2 be beneficial.

3 MR. ORDER: Yes. And the secure call was
4 with who? Was it with everybody, like all those
5 entities?

6 MR. ZIMMERMAN: Yes, it was with the
7 acronyms.

8 MR. ORDER: Okay. All right, thank you,
9 Roy.

10 MR. ZIMMERMAN: You're welcome. Any other
11 questions?

12 MR. FRANOVICH:



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18 (b)(5)
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24 MR. FRANOVICH: If you look at them real
25 close there's some interesting things. In particular

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1 around Unit 3. You have to study it really hard, but
2 it would explain an awful lot of what we're seeing in
3 terms of doses. I'll just put it that way.

4 MR. ZIMMERMAN: Well, that's why we're
5 trying to be able to get folks to take a look at it.
6 We haven't given up on it. I think we're going to be
7 successful, it's just taking longer than any of us
8 would like.

9 MR. FRANOVICH: Okay, and then this
10 morning we talked about, with Jim Dyer, I'll call it

11 (b)(6)

12
13 Whether or not RHR should be put in service, those
14 kind of issues.

15 I had asked this morning if we could get a
16 copy of that recommendation and analysis whenever
17 it's, at your leisure, but we would like to see, I
18 know my principle would be interested in seeing that.

19 MR. ZIMMERMAN: Okay. We're drawing
20 blanks here a little bit. Why don't you just give it
21 one more time and we'll try to make sure we know what
22 you're asking for.

23 MALE PARTICIPANT: Let me ask a question
24 about that. The Reactor Safety Team has produced a
25 document that is much broader than what you had

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1 described. And it has the plant status for each unit.

2 It has our assessment of that information. And then
3 it has a recommendation about what should be done with
4 that unit.

5 And by and large it's what the SAM-Gs
6 recommend, with some additional information in it.
7 And that is the document that we've been working, you
8 know, we've produced two different versions of that
9 document.

10 So that's the document we've been working
11 from. You know, I don't have the document, well, I
12 have the document here with me. Can you say again
13 what unit that was?

14 MR. FRANOVICH: That was no specific unit,
15 in fact we were not even told that was by unit.
16 That's new information so I appreciate that. But I
17 had an impression that we were coming to some

18 (b)(5)
19

20 And that was one of the issues that was
21 going to be resolved between our two agencies and then
22 we --

23 MALE PARTICIPANT: Bill, that's the
24 document.

25 MALE PARTICIPANT: Yes, that's how it was

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1 resolved, through the document that Bill's got in
2 front of him.

3 MR. FRANOVICH: Okay, and that's what we
4 requested this morning, if we could see that. At
5 least our office. I'd imagine the other offices are
6 interested as well.

7 MR. ORDERS: This is Bill, the answer's
8 yes.

9 MALE PARTICIPANT: Okay we can get this to
10 you. There was, as a matter of fact, the document has
11 references to all the parties that have been supplying
12 information to this document. And recently, maybe a
13 couple of hours ago, I had a phone call (b)(5)
14 And based on that conversation we need to correct this
15 document a little bit.

16 As you know (b)(5) are
17 sensitive about how we use their name. Or about whose
18 recommendations these are, these kinds of things. So
19 we're in the middle of correcting this document right
20 now. So I would propose that once we get that
21 corrected version, it's that corrected version we
22 would forward to you.

23 MR. FRANOVICH: That's fine. That's very
24 appropriate so I don't have an issue with that.

25 MALE PARTICIPANT: Now what you all have

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1 to recognize is that's a snapshot in time. And that
2 we're going to be working with Chuck and the site team
3 to advance that document.

4 MR. FRANOVICH: Understood.

5 MALE PARTICIPANT: Once again, it's about
6 the best information that we have at this moment. But
7 I would expect over the next 24 hours it's going to
8 evolve significantly.

9 MR. ZIMMERMAN: We've changed it, there's
10 been the original document went out, probably last
11 night at about 10 o'clock. At revision went out about
12 2 o'clock or 3 o'clock, today, was the revision to it.

13 And we're using this document as a really,
14 not only a focus point, or communication tool so all
15 the parties have an understanding of kind of what
16 we're saying. And it also helps us get by, make sure
17 we're inclusive to basically bring in all the
18 relevant expertise on this matter.

19 MALE PARTICIPANT: In future generations
20 of this document we want to try to convey where we see
21 TEPCO relative to each of the recommendations that
22 we're making. And this is something that Chuck and
23 the site team are going to have to help us complete.

24 And this is a U.S. document only, meaning
25 TEPCO hasn't bought into it yet.

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1 MR. ZIMMERMAN: Well not only that, it's
2 my understanding this document is not going to be
3 given to anybody. This is a NRC document. So we
4 would use it as the site team would use it as a point
5 of discussion. With our Japanese colleagues.

6 MALE PARTICIPANT: And we've resolved the
7 issue, you know, at one point (b)(5)

8 (b)(5)
9 We're not going to do that?

10 MR. ORDERS: Yes, as a matter of fact

11 (b)(5)

12
13 contribution.

14 MR. FRANOVICH: Okay, great. Thank you.

15 MR. ORDERS: And there has been (b)(5)
16 representative, at least during the day, here in the
17 incident response center. With the Reactor Safety

18 (b)(5)

19
20 MR. FRANOVICH: Great, thanks, Bill.

21 MR. ZIMMERMAN: Any other questions.

22 MR. CASTLEMAN: Yes, this is Pat
23 Castleman. I have a couple of questions. First, do
24 we have any more information on radiation health
25 affects, both onsite and offsite?

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1 CINDY: We do not.

2 MR. CASTLEMAN: Okay. And then the next
3 thing is, it was briefed this morning that the staff
4 was compiling a summary of the RASCAL runs that have
5 been performed to date. And also that there was going
6 to be a compendium put together of the different off-
7 site contamination levels. Is that done yet?

8 CINDY: The RASCAL runs are, for the most
9 part done, we're trying marry them up with NARAC
10 summaries, of which we do not have all of the NARAC
11 summaries because of the more urgent higher priority
12 ones that NARAC is doing (b)(5)

13 We have two orange binders that contain
14 that information. As far as the air monitoring data
15 that we get from around the plant. A couple of people
16 have taken the information and tried to plot it. So
17 that we can see what it looks like in trends.

18 And that's still a work in progress. But
19 we certainly can see looking at it, just a few slides
20 right now, we certainly can see over the past week,
21 week and a half, where there were increases in
22 radioactivity releases that jive at the same time that
23 the plant had a problem or explosion.

24 So that's still a work in progress. The
25 data sheets that come in are about four or five pages,

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1 in Japanese, that are translated. We then
2 painstakingly put those in a spreadsheet to try to get
3 a plot.

4 MR. FRANOVICH: Okay. Sounds good. And
5 then next question I have is that the last pages of
6 Sitrep discusses the latest results from the NARAC
7 run? How do those results jive with the 50 mile
8 evacuation recommendation?

9 MR. ZIMMERMAN: Why don't you repeat that
10 one more time?

11 MR. FRANOVICH: Okay. The last page of
12 tonight's situation report discusses the latest
13 results from the NARAC analysis. And what I was
14 wondering is how do those results jive with the 50
15 mile evacuation recommendation?

16 CINDY: The 50 mile evacuation
17 recommendation still is a very conservative estimate.
18 These runs that are done, which are called plausible
19 realistic (inaudible), which I understand is going to
20 be changed, perhaps a term like hypothetical model, is
21 still within the existing Japanese protective
22 guidelines of 20 kilometers for evacuation.

23 MALE PARTICIPANT: And, Cindy, You
24 indicated earlier that the Japanese have a voluntary
25 evacuation out from 20 to 30 kilometers?

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1 CINDY: Right. And that's in the updated
2 version you got of the Sitrep, I think, at 8:00 or
3 8:10, the updated version of this says there was press
4 release that was issued by the Japanese indicating
5 that any residents within 20 to 30 kilometers could
6 voluntarily evacuate. And that was not from any
7 situation at the plant.

8 But rather it's just very difficult for
9 people to get around and move around that area,
10 between 20 and 30 kilometers, so there is a request
11 for a voluntary evacuation from 20 to 30. But that's
12 not based on radiation dose estimates.

13 MR. FRANOVICH: Wow, that's interesting.
14 You know, because what I had seen on the news is that
15 the tsunami went in maximum of six miles and so forth.
16 So that's pretty much a testament to the amount of
17 disruption that's occurred to the whole infrastructure
18 there.

19 CINDY: exactly.

20 MR. ZIMMERMAN: Any other questions?

21 MR. CAMERON: Hey, Roy. This is James
22 Cameron. You mentioned the other night about
23 information that the in-country team had obtained from
24 a NISA rep, is there any progress on getting that
25 translated and has it given any insight?

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1 MR. ZIMMERMAN: Yes, we've had it
2 translated. And actually the next task is to take
3 that data and bounce it against the assessments that
4 we've made and to see if it changes any of our
5 viewpoints. That hasn't been done yet.

6 MR. CAMERON: Okay.

7 MR. ZIMMERMAN: Okay, going once. Last
8 call.

9 MR. CASTLEMAN: Okay, this is Pat
10 Castleman, and no I don't have a last call. I'm going
11 to spare everybody, thank you.

12 MR. ZIMMERMAN: All right. We wish you
13 all a pleasant weekend.

14 MR. CASTLEMAN: And thank you. Thank you
15 for the good briefing.

16 MR. ZIMMERMAN: Thanks very much. Good
17 night.

18 (CONFERENCE CALL ENDED.)
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