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UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

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JAPAN'S FUKUSHIMA DAIICHI ET AUDIO FILE

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SATURDAY

MARCH 12, 2011

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1 (CONFERENCE CALL INITIATED)

2 MR. DORMAN: Chairman?

3 CHAIRMAN JACZKO: Yes.

4 MR. DORMAN: Dan Dorman, Scott Morris and
5 Mike Weber.

6 CHAIRMAN JACZKO: Okay.

7 MR. DORMAN: Sir, a quick synopsis of the
8 message that was sent from Mr. Condo to Mr. Poneman.

9 The issue is that Unit 1 at Daiichi, this
10 is the unit that's similar to Oyster Creek, the
11 isolation condenser plant.

12 CHAIRMAN JACZKO: Yes.

13 MR. DORMAN: Based on the information in
14 the email, it's evident that there is core damage at
15 that facility, and that they are very recently in the
16 process of venting the containment, and the -- it
17 makes mention of the wind direction, blowing to sea,
18 that they are -- do not have any at the plant,
19 injection and cooling systems available, because of
20 the loss of power.

21 But they are using anything that they can
22 find, in terms of fire trucks and perhaps, batteries
23 from vehicles, to power pumps, to get water into the
24 core.

25 CHAIRMAN JACZKO: Okay, can you give me

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1 just a high level email that I can send back to that
2 group, summarizing what you said, again?

3 Just summarize, so we can put into
4 perspective, what it means, what the concerns would
5 be, at this point?

6 MALE PARTICIPANT: You know, Chairman,
7 this is (inaudible).

8 From my listening to Dan read this email,
9 it sounds like they are at least at the stage where
10 they're taken some mitigative measures --

11 CHAIRMAN JACZKO: Okay.

12 MALE PARTICIPANT: -- which, you know, it
13 could be ala TMI, where there is some core damage, but
14 they might be able to stabilize the core.

15 CHAIRMAN JACZKO: Okay.

16 MALE PARTICIPANT: But that's strictly
17 speculation, at this point.

18 CHAIRMAN JACZKO: Okay, well, give me an
19 email with what you feel comfortable saying
20 accurately, that I can respond back to that group
21 with.

22 MALE PARTICIPANT: Yes, sir.

23 CHAIRMAN JACZKO: And just get me that, as
24 soon as you can.

25 MALE PARTICIPANT: Yes, sir.

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1 CHAIRMAN JACZKO: So, in the next couple
2 minutes. It doesn't have to be very long. Again,
3 this is very high level summary, just of what your
4 thoughts are.

5 MALE PARTICIPANT: Yes, sir.

6 CHAIRMAN JACZKO: Okay, thank you. I
7 appreciate it.

8 (CONFERENCE CALL CONCLUDED)

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1 (CONFERENCE CALL INITIATED)

2 MR. DORMAN: Good morning, Chairman.

3 CHAIRMAN JACZKO: How are you?

4 MR. DORMAN: Good, thanks. How are you,
5 sir?

6 CHAIRMAN JACZKO: Good. I just forwarded
7 that information you sent me, Dan, and just added that
8 it's, at this point, unclear whether this is yet, a
9 TMI event, but that it could get there.

10 MR. DORMAN: Okay.

11 CHAIRMAN JACZKO: And I just wanted to
12 double-back on one issue. Do we know if Tony got on
13 the plane?

14 MR. DORMAN: Yes, Margie is here. So, she
15 can give us an update.

16 MS. DOANE: Yes, we just heard. We just
17 got confirmation that he is on the plane.

18 CHAIRMAN JACZKO: Okay, good. Thank you.
19 Good work.

20 MS. DOANE: Can I ask you a question,
21 though?

22 CHAIRMAN JACZKO: Yes.

23 MS. DOANE: We'll have to keep pushing for
24 Jim Trapp to also get to Japan and meet up with the
25 team.

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1 CHAIRMAN JACZKO: Yes.

2 MS. DOANE: Okay.

3 CHAIRMAN JACZKO: Yes.

4 MS. DOANE: It could be a possibility.
5 USAID is concerned about having an additional person,
6 but I said, you should work it. You would have 10
7 very good experts. That's what you want.

8 CHAIRMAN JACZKO: Yes, I think we should
9 push it. I mean, if it doesn't happen, it doesn't
10 happen. But I think we should push to have them both.

11 MS. DOANE: Okay, and the only other thing
12 is, I got the Navy involved to get dosimetry, because
13 I couldn't verify that they had it.

14 So, there might be duplicative, but I'd
15 rather have double, than not.

16 CHAIRMAN JACZKO: Good, excellent work.

17 MS. DOANE: Great, okay.

18 CHAIRMAN JACZKO: Okay, and any other
19 things that you know, at this point?

20 MR. DORMAN: No, sir.

21 CHAIRMAN JACZKO: Okay, I also did push to
22 encourage, if possible, to get somebody from NISA, to
23 contact us.

24 MR. DORMAN: Okay.

25 MS. DOANE: That's good.

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1 MR. DORMAN: That would be very helpful.

2 CHAIRMAN JACZKO: So, I gave them the Ops
3 Center, as the point of contact, so, you know, I'm not
4 holding out, that that's going to happen, but you
5 know, if you can let them know that if they do get
6 some call like that, if they can make sure to get it
7 to the right place.

8 MS. DOANE: Right.

9 MR. DORMAN: Okay.

10 MS. DOANE: The only other regulatory body
11 that we haven't gone to is the NFC.

12 CHAIRMAN JACZKO: Okay.

13 MS. DOANE: So, remember, (inaudible) came
14 in, and I can't imagine she's involved in this, right?

15 CHAIRMAN JACZKO: Yes.

16 MS. DOANE: But her staff, I don't know.

17 CHAIRMAN JACZKO: Yes, you could try it.
18 You know, I think it's -- you know, again, I think
19 it's worth, if we can get some accurate information.

20 Again, you know, what we got from Dan
21 Poneman was more accurate, but again, not necessarily
22 anything different than what we had put together at
23 this point.

24 So, it was a good confirmation, but it --
25 the general parameters seemed to be consistent with

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1 what we're piecing together from the press reports.

2 MR. DORMAN: Yes, sir.

3 MS. DOANE: Okay, well, we sent a note to
4 the Midwest 11:30, our time.

5 CHAIRMAN JACZKO: Okay.

6 MS. DOANE: The note went to. (inaudible)
7 and NISA, to get with GE Hitachi.

8 CHAIRMAN JACZKO: Okay.

9 MS. DOANE: That hasn't been that long,
10 really, but yes, maybe it has. It's been over an
11 hour, but we haven't -- I don't know.

12 CHAIRMAN JACZKO: And then, again, I just
13 want to re-emphasize the importance of having,
14 certainly by the morning, or possibly earlier,
15 scenarios run that could help, just for the purposes
16 of better bounding what the realities of the scenario
17 are, and I think that will be very important because
18 it will be difficult for a lot of different policy
19 makers, to probably understand and put it all into
20 context.

21 So, the more information we have, the
22 easier that will be.

23 MR. DORMAN: Yes, sir.

24 CHAIRMAN JACZKO: And again, let's just,
25 you know, while you're all there, kind of sitting

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1 around waiting for information, make sure we do
2 everything we can, to get information ready for us, if
3 we have to be in front of the press.

4 MR. DORMAN: Yes, sir.

5 CHAIRMAN JACZKO: Okay, good. All right,
6 well, I'm going to try and get a little bit of sleep,
7 and if anything comes up, don't hesitate to call.

8 MR. DORMAN: Okay.

9 CHAIRMAN JACZKO: Okay, thanks, everybody.

10 MR. DORMAN: Thank you.

11 CHAIRMAN JACZKO: Bye.

12 (CONFERENCE CALL CONCLUDED)
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1 (CONFERENCE CALL INITIATED)

2 DAN: Are you up, hello.

3 MR. MAMISH: Hey, Dan.

4 DAN: Hello.

5 MR. MAMISH: How are you?

6 DAN: I'm going good. How are you?

7 MR. MAMISH: Hey, I was there until about
8 7:00 or 8:00 yesterday, and I told Margie I'd go in,
9 if needed, after I get some rest.

10 What's the situation and what do you
11 think, you know about --

12 MALE PARTICIPANT: I was there until
13 11:00.

14 MR. MAMISH: -- you know, about whether I
15 come in or not?

16 DAN: Well, I think we're going to be
17 briefing the Chairman at 7:00. I think if you came
18 in, you know, a little before that, maybe 6:00 or
19 6:30, get caught up.

20 There is not a lot going on, right now.
21 The sun is setting over there. So, we haven't had as
22 much in the way of direct contact --

23 MR. MAMISH: Okay.

24 DAN: -- although we've reached out for
25 it. So, I'm not sure that there is going to be a

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1 whole lot in the next three hours, that I would drag
2 you in here for, but I think Margie left --

3 MALE PARTICIPANT: No, she's here. So,
4 Nader, if you could come in at 4:00, that would be
5 great.

6 DAN: There you go.

7 MR. MAMISH: Okay.

8 DAN: Hear that?

9 MR. MAMISH: All right, so, I'll be there
10 at 4:00.

11 DAN: All right.

12 MALE PARTICIPANT: She's putting together
13 a punch list of things that, you know, she's been
14 working on, and you'll need to get through them.

15 MR. MAMISH: Okay, so, she is there?

16 MALE PARTICIPANT: Yes.

17 DAN: Yes, she is still here.

18 MR. MAMISH: Okay, can I speak with her?

19 MALE PARTICIPANT: Well, she's in the --

20 DAN: She's around the corner.

21 MALE PARTICIPANT: She's around the
22 corner, talking to the staff over there. I can ask
23 her to come in here, if you want.

24 MR. MAMISH: Could you, please?

25 DAN: So, have you gotten any sleep?

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1 MR. MAMISH: I came home, ate and just
2 crashed, had a couple of beers and crashed, right
3 away. So, I just woke up.

4 DAN: You fit for duty?

5 MR. MAMISH: What?

6 DAN: Are you fit for duty? You're
7 recorded live.

8 MR. MAMISH: Just a couple, come on, Dan,
9 give me a break.

10 DAN: All right.

11 MR. MAMISH: So, do we know anything about
12 the rad level?

13 DAN: We have no specifics.

14 MR. MAMISH: Okay.

15 MS. DOANE: Hey, Dan. We were talking,
16 TMI, maybe a refresher would be good for some of us.

17 DAN: Yes, okay.

18 MALE PARTICIPANT: Okay, how are those
19 analyses coming?

20 MS. DOANE: We're getting closer. I think
21 we should be able to send it to NARAC, real soon.

22 DAN: Okay. Nader, we did -- one thing
23 you'll want to look at, when we didn't get in, is
24 there was a direct communication from the head of the
25 Japanese Atomic Energy Commission to the Deputy

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1 Secretary of Energy, around midnight, our time, today,
2 a little bit more details, in terms of yes, they've
3 been venting containment. Yes, they've got high rad
4 levels, along those lines, yes.

5 MS. DOANE: Nader?

6 MR. MAMISH: Hey.

7 MS. DOANE: Okay, all right, in a fit of I
8 don't know what, we got Tony Ulses on the plane with
9 the USAID mission.

10 MR. MAMISH: Okay.

11 MS. DOANE: They did not know whether they
12 -- I am not comfortable that they know what they're
13 going to do with him.

14 I don't know what the rest of the USAID
15 mission is doing when they get there, so, like the
16 earthquake guys, they're not reactor guys.

17 So, I'm constantly on the line with USAID,
18 but they really are very (inaudible), okay?

19 MR. MAMISH: Okay.

20 MS. DOANE: So, I've got a number of open
21 items, with regard to Tony, who is on a plane, and
22 should be landing at LAX in about four hours.

23 MR. MAMISH: Okay.

24 MS. DOANE: Okay?

25 MR. MAMISH: Do you want me to hop in my

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1 car, now --

2 MS. DOANE: No.

3 MR. MAMISH: -- because you've been there
4 a while, now?

5 MS. DOANE: Well, there is a lot happening
6 at four. So, if you could get here by four o'clock,
7 to hear the turnover, I think that would be good.

8 MR. MAMISH: Okay.

9 MS. DOANE: But our biggest things right
10 now, to me -- well, you know what? Go to sleep. I'll
11 fill you in, in the later session.

12 MR. MAMISH: Well, yes, I mean, four
13 o'clock is essentially the same thing as now, because
14 let me see how I feel. I'll probably just take a
15 shower and come in, now.

16 MS. DOANE: Okay, that's fine, but you
17 know what? The reason why I'm telling you this is
18 because they're not going to be able to do the
19 turnover. There is too much, just too much.

20 So, I'm going to have to stay until four
21 o'clock, because you would only have Eric here. So,
22 that's -- I can't just leave Eric. So, you know, I'm
23 fine, if you come in at four o'clock.

24 MR. MAMISH: All right, let me --

25 MS. DOANE: But if you want to come in

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1 now, that's fine.

2 MR. MAMISH: Okay.

3 MS. DOANE: All right, thanks, Nader, I
4 appreciate it.

5 MR. MAMISH: Okay.

6 MS. DOANE: Appreciate you calling in,
7 okay, bye.

8 MR. MAMISH: Bye.

9 (CONFERENCE CALL CONCLUDED)

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1
2 (CONFERENCE CALL INITIATED)

3 MR. DORMAN: Hello, this is Dan Dorman,
4 NRC.

5 MR. MORRIS: Hey, Mark, are you there?

6 MARK: Yes, we're on.

7 MR. MORRIS: Hey, Mark. Scott Morris and
8 Dan Dorman, Margie Doane.

9 MARK: Okay, well, listen, I've got the
10 IEC, and I would let you do the talking, here.

11 MALE PARTICIPANT: Hello, so, this
12 discussion is, it's possible, we understand that you
13 have some assessment, which you want to share with us.
14 So, we are ready to listen and take some notes, and
15 if then later on, maybe you can send us a file with
16 this on an email, would be good.

17 MR. DORMAN: Yes.

18 MALE PARTICIPANT: We will keep this for
19 our internal look, or internal use. We are not going
20 to distribute this outside. So, this is just for our
21 information.

22 MR. DORMAN: I'm sorry, the transmission
23 is a little rough, here, and we had difficulty
24 understanding that. Could you try that again?

25 MALE PARTICIPANT: Okay, let me -- I said

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1 that we have this discussion, as we understand it, you
2 can provide some assessment, or some of your
3 understanding of the situation, and we just want to
4 hear what this is and take notes, and use it for
5 internal purposes here.

6 MR. MORRIS: Yes, we have relatively
7 little information, and I guess we are hoping that we
8 can verify basic facts.

9 We're a little bit challenged for an
10 assessment, without good facts.

11 We understand that the Unit 1 at Fukushima
12 Daiichi site has high radiation levels. They have
13 vented the containment, perhaps four hours ago, and
14 that there is some indications of possible core
15 damage.

16 Beyond that, we have very little facts,
17 beyond what we're seeing in the media. Can IAEA
18 confirm the facts, as they understand them, at the
19 site?

20 MALE PARTICIPANT: Yes, what you told is
21 correct, this is what we know. Not more much kind of
22 information about this.

23 We are asking questions. We are getting
24 some answers, every two or three hours, or even more,
25 but basically, this is also what we know.

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1 Do you have any information on very recent
2 explosions, which was --

3 MR. DORMAN: You'll have to be asking --

4 MR. MORRIS: Yes, we have seen the reports
5 on the media, about the explosion.

6 MR. DORMAN: Yes.

7 MR. MORRIS: But we have no verification,
8 no confirmation of an explosion or what effect that
9 may have had.

10 We have had no direct contact with NISA,
11 and would -- it would help us to have any direct
12 confirmation from Japan, about the facts around the
13 conditions at the plant. Do you have direct contact?

14 MALE PARTICIPANT: Yes, we are in contact.

15 Again, we are in contact, but we are asking some
16 general information and getting a bit -- some kind of
17 general answers.

18 So, maybe at this stage, what is your
19 assessment? Do you have a summary assessment?

20 MR. MORRIS: We have --

21 MS. DOANE: We can't -- without the --

22 MR. DORMAN: Yes, without having better
23 facts, it's difficult to develop a good assessment.

24 MS. DOANE: But we could do an assessment,
25 if we got the facts.

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1 MR. DORMAN: Yes.

2 MALE PARTICIPANT: Okay, that is correct.

3 I was just thinking about the time, you know, the
4 time, which is now, what, more than 15 or 20 hours or
5 so, since they lost -- I mean, since they had the
6 black-out, and then basically, they were just cooling
7 by whatever internal means. You might know better,
8 the system, you can tell us about this.

9 So, just this huge time, since the black-
10 out had occurred. We don't really restoring power.
11 So, what is your assessment on this?

12 MR. MORRIS: Yes, could you repeat that?

13 MR. DORMAN: We're having trouble hearing
14 you.

15 MS. DOANE: Yes, I'm sorry, the beat is
16 funny, so, it's really breaking up. It's very loud.
17 I don't know if it's the microphone or if it's our
18 phone. I'm not sure exactly what's going on.

19 But maybe you can try a different line or
20 the --

21 MALE PARTICIPANT: Yes, okay, look, let us
22 try to -- we can call again, if you wish. Let us try
23 a different connection, okay?

24 MR. DORMAN: Okay.

25 MS. DOANE: Yes.

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MALE PARTICIPANT: Okay, in a few minutes,

okay.

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1 (CONFERENCE CALL INITIATED)

2 MR. DORMAN: Hey, are you there? DOE, are
3 you on the line?

4 MALE PARTICIPANT: DOE is on the line.

5 MR. DORMAN: Hi, DOE. This is Dan Dorman,
6 again. I have Dave Bowman on the phone, too.

7 MALE PARTICIPANT: All right, so, it's
8 Dave Bowman and Dave Young?

9 MR. DORMAN: We're here.

10 MALE PARTICIPANT: So, we've seen this
11 email that came out from an addressee DOE Tokyo, that
12 looks like a fairly dire observation, and we're trying
13 to figure out -- we're trying to figure out what that
14 is, basically.

15 You know the one I'm referring to?
16 There's one dated with a time stamp of --

17 MALE PARTICIPANT: So, I mean, that's --
18 we have an office in Tokyo, and it's basically just a
19 news report that they saw.

20 So, he -- I think he quotes the news
21 agency that was making the report. So, I mean, we're
22 not claiming that to be accurate or validated. We
23 were just passing it on.

24 MALE PARTICIPANT: Are you guys -- are you
25 -- have you had any contact with the Japanese

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1 Government or any of the other entities over there?

2 We're kind in the -- in a situation, where
3 we're getting the bulk of our information from media
4 outlets.

5 MALE PARTICIPANT: We're in the same
6 situation. I actually just talked to someone from our
7 -- well, the DOE rep in the Japanese Embassy, and you
8 know, he was telling me the same thing, that they're
9 not getting --

10 MALE PARTICIPANT: Okay.

11 MALE PARTICIPANT: -- basically,
12 information from the Japanese.

13 MALE PARTICIPANT: All right.

14 MALE PARTICIPANT: So, that's it. We're
15 just looking for some reliable sources of information,
16 and we're somewhat hopeful that maybe this was an
17 indication that you had some, but if not, then --

18 MALE PARTICIPANT: No, I mean, we just --
19 we are working with some of your protective measures
20 people and --

21 MR. DORMAN: Okay.

22 MALE PARTICIPANT: -- we've hadn't had --

23 MR. DORMAN: Fair enough.

24 MALE PARTICIPANT: That's all we've had.

25 MR. DORMAN: All right.

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1 MS. DOANE: Let us know about IAEA,
2 because I told them that IAEA was on the line.

3 MALE PARTICIPANT: Okay, yes, I guess the
4 point that's being made is, there's a lot of entities
5 that are struggling to get some quality information,
6 and it really hasn't been forthcoming.

7 So, everybody is sort of looking for a way
8 to get information.

9 MS. DOANE: I think the only update that
10 we got from IAEA is that they are in touch with --

11 MALE PARTICIPANT: NISA.

12 MS. DOANE: -- NISA, but how they don't
13 have information, isn't exactly clear, if they're in
14 touch with NISA.

15 MALE PARTICIPANT: No.

16 MS. DOANE: That's just not -- I mean --

17 MALE PARTICIPANT: Maybe Mark can help us
18 out.

19 MS. DOANE: Yes, so, we got caught in the
20 middle of that call.

21 MALE PARTICIPANT: All right, well, if we
22 hear something, we'll let you know. If you hear
23 something, let us know.

24 MR. DORMAN: Absolutely.

25 MALE PARTICIPANT: All right, thanks a

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lot.

MR. DORMAN: All right, thank you.

(CONFERENCE CALL CONCLUDED)

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1 (CONFERENCE CALL INITIATED)

2 OPERATIONS OFFICER: Gentlemen, Mark Shafer
3 and others from Vienna calling again. I'm going to
4 put them directly on the conference. Is that okay?

5 MR. DORMAN: Yes. Mark, are you there?

6 MALE PARTICIPANT: They're still coming
7 up. Here they are.

8 MALE PARTICIPANT: Thank you. Hey, Mark.

9 MR. SHAFER: Good morning.

10 MALE PARTICIPANT: Good morning. That is
11 a better connection.

12 OPERATIONS OFFICER: Can you hear them now?

13 MALE PARTICIPANT: Yes, much better, thank
14 you.

15 MALE PARTICIPANT: Okay, we're all around
16 the table here, just to know who we are talking to.

17 MR. SHAFER: This is Mark Shafer.

18 MALE PARTICIPANT: (Inaudible) from the
19 emergency center.

20 MALE PARTICIPANT: This is from the
21 Department of Nuclear Energy.

22 MALE PARTICIPANT: Okay, (inaudible) here
23 has got some information for you. I mean, some
24 information and then -- please.

25 MALE PARTICIPANT: Yes, (inaudible)

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1 already asked this question. We received some
2 information last evening, eight o'clock our time, that
3 the -- there was no offsite supply and no diesel
4 generators.

5 Do you have any idea how they could
6 survive and what they could do, in this situation?

7 MR. DORMAN: Yes, the information that we
8 have is that they have been using portable power
9 supplies from trucks and other sources. We don't have
10 very specific information, and we don't know what
11 their powering with that, where they're getting the
12 power -- the pumps, and where they're getting the
13 water from.

14 But we have had reports that they are
15 using some very unconventional sources of power,
16 whatever they can get.

17 MALE PARTICIPANT: Yes, we received the
18 same information. Have you had anything similar to
19 this? Of course, not this magnitude, but any similar
20 event in the U.S., with these type of plants?

21 MR. DORMAN: Nothing like this.

22 MALE PARTICIPANT: Okay, not at all? I
23 was just wondering.

24 FEMALE PARTICIPANT: And it would be
25 useful, anything which by your assessment, could be

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1 useful, any information of these situations, anything.

2 MR. DORMAN: Now, I think we're struggling
3 to put reasonable definitions of the event, to come up
4 with a reasonable assessment.

5 I think it would be very helpful to us, to
6 get some direct information from NISA or someone in
7 Japan, that has direct information, and if you could
8 assist us in getting contact with them --

9 MALE PARTICIPANT: Okay, that's fine.
10 Let's try to maintain that. Can you build a list of
11 questions for us, very, very easy questions, and send
12 it, please to us, just as we completed the other
13 questions?

14 MALE PARTICIPANT: Very simply ones, very
15 easy, short.

16 MALE PARTICIPANT: Very simple, very
17 technical, not -- because this is -- they will not get
18 into detail. Do you hear us?

19 MR. DORMAN: Yes, we hear you. Yes, I
20 guess our preference would be to convey those to NISA.

21 MALE PARTICIPANT: Right.

22 MR. DORMAN: But then we -- once we have
23 the facts, then we would be happy to work with you on
24 an assessment.

25 MALE PARTICIPANT: Yes, what I am

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1 suggesting is, we look at the questions, we try -- I
2 cannot say that we get anything, but we try to have
3 these questions coming from our behalf, and we see
4 what answers we get, and -- hello?

5 MR. DORMAN: Yes, hold on, just a minute,
6 please.

7 MALE PARTICIPANT: Okay.

8 MR. DORMAN: We're going to put you on
9 'mute' for just a minute.

10 {Break in audio}

11 MALE PARTICIPANT: Okay, I don't know the
12 question.

13 MR. DORMAN: I think what we'd like to do
14 is to just make ourselves available to NISA, at their
15 convenience.

16 We're a little bit cautious of distracting
17 them. They have a lot on their plate, but if you
18 could make it known to them, that we're standing by if
19 they need assistance, then that would be helpful.

20 I think the other point I would like to
21 make is that there is a team of assistants that is on
22 its way to Japan, from the United States, which
23 includes a member of our staff, and any additional
24 facts that we could get, that would help to clarify
25 for him, the situation that he's going into would be

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1 very helpful to us.

2 Anything that you can do to help convey
3 that to NISA would be appreciated.

4 MALE PARTICIPANT: Okay, was this team --
5 what you are saying is that these are negotiated with
6 Japanese counterparts?

7 MR. DORMAN: Yes, it's not the NRC's team.
8 We're supporting an effort that is led out of our
9 State Department.

10 MALE PARTICIPANT: Okay, can we ask the
11 composition of the team? These are designers or
12 operators traveling or --

13 MR. DORMAN: No, it's more search and
14 rescue and disaster relief.

15 MALE PARTICIPANT: Search and rescue,
16 okay, okay. Okay, look, what we do is, we take this
17 as an offer from you, and we record all these offers
18 of both potential assistance and we keep these all
19 (inaudible) but we take you, as an offer, now.

20 We take note of this and we have asked the
21 counterpart in Japan to let us know if they need
22 anything.

23 Up to now, they didn't say 'no' or 'yes'
24 to our offer, but because they are so busy. But once
25 they will say that they would need something, then we

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1 -- this possibility is to be, for sure, assistance for
2 them.

3 MR. DORMAN: I'm sorry, we had an
4 interruption for the last minute. Could you just
5 repeat that last part?

6 MALE PARTICIPANT: Yes, I said that we
7 take your offer as an offer of assistance, and we put
8 this on top of some other offers we have received, and
9 I was saying that we already asked the Japanese
10 counterpart if they need anything, to let us know, and
11 up to now, they did not answer that.

12 But as soon as they answer and they
13 formulate a request, we will consider your offer.

14 MR. DORMAN: That would be terrific.
15 Thank you.

16 MALE PARTICIPANT: Okay. Okay, so, this
17 is what we'll do, we'll just take your offer, continue
18 to watch our (inaudible) website. If we have to post
19 more, if we have more information to post, I think
20 now, we are waiting for some answers to our questions.
21 So, this is it for now, okay?

22 MR. DORMAN: Yes, thank you very much.

23 MALE PARTICIPANT: Thank you.

24 MALE PARTICIPANT: Thank you very much.
25 Thank you.

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MR. DORMAN: All right.

FEMALE PARTICIPANT: Thank you.

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1 (CONFERENCE CALL INITIATED)

2 OPERATIONS OFFICER: Chairman Jaczko,
3 you're on the line.

4 CHAIRMAN JACZKO: Okay.

5 MR. DORMAN: Good morning, Chairman.

6 CHAIRMAN JACZKO: Good morning.

7 MR. DORMAN: Sir, we're watching videos on
8 the TV, that show what looks like a detonation of the
9 Unit 1 reactor building at Daiichi.

10 It's an initial short duration pulse, like
11 an explosion, followed by a large cloud, and then
12 there is some subsequent footage, showing what appears
13 to be the frames of the building that -- the upper
14 walls around the -- what would be the metal frame work
15 above the refueling level, its been opened up to the
16 eye beams.

17 So, this is our significant breaking
18 worse, that you asked us to call you.

19 CHAIRMAN JACZKO: Okay.

20 MR. DORMAN: We have not gotten any direct
21 reporting. We're just -- we're still working off of
22 what we got on the media, but it is a very disturbing
23 image.

24 CHAIRMAN JACZKO: What would you -- how
25 would you characterize that? What does it mean?

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1 MR. DORMAN: Well, what we're inferring
2 from that image is that it's a catastrophic failure of
3 the primary containment.

4 CHAIRMAN JACZKO: Okay.

5 MALE PARTICIPANT: It looks like it's
6 just, pressure finally got to the point where it
7 couldn't hold it anymore.

8 CHAIRMAN JACZKO: Okay.

9 MALE PARTICIPANT: We had reports that
10 they were venting it, but the images, like I said, if
11 you go to Fox News, you can -- they're looping the
12 image.

13 MR. DORMAN: Sir, I've just been handed a
14 note that NISA reported to IAEA an explosion in the
15 reactor building.

16 CHAIRMAN JACZKO: Okay, okay, let's --

17 MR. DORMAN: So, no further information.

18 CHAIRMAN JACZKO: Okay, let's get that
19 information out as quickly as we can, to the rest of
20 the Federal family.

21 MR. DORMAN: Yes, sir.

22 CHAIRMAN JACZKO: Okay, and give me
23 confirmation, when you've done that, but let's do that
24 quickly. Again, accurate information, but get that
25 distributed.

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1 MR. DORMAN: Yes, sir.

2 CHAIRMAN JACZKO: Okay, thank you. At
3 this point, again, we probably need to be prepared --
4 we'll need to be prepared for what it means.

5 How are we doing on the -- running the
6 analyses and various scenarios?

7 MR. DORMAN: We have results for the 10
8 percent unfiltered release, and the 40 percent, which
9 would be the more comparable to TMI.

10 We'll have to take a look at what we might
11 assess out of the images that we're seeing here. The
12 TMI scenario is a higher source term, but still based
13 on a leakage of containment.

14 Based on what we're seeing on the
15 television, that is -- we're -- we don't know where we
16 are, in terms of extent to core damage, but the
17 containment function appears to be much more
18 significantly degraded, based on what we're viewing.

19 CHAIRMAN JACZKO: Okay.

20 MR. DORMAN: We'll work on what we might
21 assess, what we might use as a basis for that
22 assessment.

23 CHAIRMAN JACZKO: Okay, yes, let's put our
24 emphasis on scenarios that are now more comparable to
25 what we know.

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MR. DORMAN: Yes, sir.

CHAIRMAN JACZKO: Okay, thanks.

MR. DORMAN: All right.

(CONFERENCE CALL CONCLUDED)

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1 (CONFERENCE CALL INITIATED)

2 MR. HUFFMAN: This is Bill Huffman of the
3 NRC Operations Center. I have [REDACTED] from
4 the [REDACTED] that would like to come up on the ET. 6

5 MALE PARTICIPANT: All right, bring him
6 on.

7 MR. HUFFMAN: Okay.

8 MR. MORRIS: This is Scott Morris in the
9 headquarters operations center here at the NRC.

10 MR. HUFFMAN: Wait one second, Scott.
11 He's coming up now.

12 MR. MORRIS: Okay.

13 MR. HUFFMAN: All right, [REDACTED] [REDACTED] 6
14 [REDACTED], you're on the bridge the NRC executive
15 team.

16 [REDACTED] [REDACTED] Okay, yes, I'm [REDACTED] 6
17 [REDACTED] from [REDACTED] [REDACTED], and I was just
18 coordinating a -- or passing onto the spot commentary
19 we had just written for our people here.

20 Apparently, the item that caught interest
21 was our -- the information we had on the explosion at
22 the Fukushima No. 1 unit.

23 MR. MORRIS: Okay.

24 [REDACTED] According to what we got 6
25 from REUTERS was that the explosion involved hydrogen

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1 and caused the collapse of the roof and walls of the
2 building.

3 We also saw a video, which indicated --
4 which showed to us, that the reactor building itself
5 looked undamaged.

6 Our conclusion is that it probably was an
7 explosion of hydrogen in the generator building, and
8 therefore, would not probably have an direct impact on
9 the primary safety of the reactor.

10 MR. MORRIS: Do you have video that seems
11 to indicate that the reactor building itself isn't
12 damaged, but rather, the turbine building?

13 [REDACTED] We have a video that shows
14 the explosion, itself.

15 MR. MORRIS: Yes, we do -- I mean, we're
16 watching a loop on Fox News, right now.

17 [REDACTED] All right, and the rector
18 building itself does not look like the walls and roof
19 collapsed, but the Reuters report said that -- said
20 two facts.

21 One, that it involved hydrogen, and two,
22 that the walls and roof collapsed.

23 MR. MORRIS: All right.

24 [REDACTED] So, we think that since
25 the video does not show the generator building, rather

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1 comes -- that it's more likely than not, that the
2 explosion involved the generator building, rather than
3 the reactor itself.

4 MR. MORRIS: I guess, I mean, we're
5 struggling with that, because we're looking at a
6 building -- we're looking at the post-explosion
7 images, and it looks like the reactor building is
8 gone, but for the eye beam frames.

9 [REDACTED] Okay.

10 MALE PARTICIPANT: I don't know which one
11 is the reactor building. 6

12 MALE PARTICIPANT: The reactor building is
13 the square taller one.

14 MALE PARTICIPANT: The four distinct
15 structures that you see are -- would be the reactor
16 building.

17 MR. MORRIS: Yes, okay, but you said that
18 that's been -- you derived that from a Reuters news
19 report?

20 [REDACTED] Yes, it was a Reuters live
21 update report.

22 MR. MORRIS: Okay.

23 [REDACTED] So, I mean, you should see
24 that. I would assume that would be out on the other
25 media. I've seen it on other media --

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1 MALE PARTICIPANT: We have.

2 [REDACTED] -- except there, but
3 that's the one place, yes.

4 MALE PARTICIPANT: Okay.

5 MR. MORRIS: But we're getting ready to
6 put up our SITREP into DHS. So, we were actually
7 thinking it was probably a -- part of the containment
8 system itself, which contains, you know, pressure --

9 [REDACTED] Right.

10 MR. MORRIS: -- from the reactor, and it
11 appeared to us, to be more of a containment, but you
12 know, again, it's hard to say, when you're looking at
13 this.

14 [REDACTED] It is, and of course, you
15 know, the hydrogen could, of course, be a hydrogen
16 explosion from zirconium reaction.

17 So, I can't rule it out, but based on what
18 we were seeing on the video that I saw, and the
19 solution of hydrogen, it seemed like it was likely to
20 be -- more likely to be a generator event.

21 MR. MORRIS: All right, well, I mean, I
22 guess we won't know, until we know.

23 [REDACTED] Right.

24 MR. MORRIS: But appreciate the -- I mean,
25 at this point, it's all unconfirmed.

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1 [REDACTED] Right, I mean, we're all,
2 I think, dealing with second and third hand
3 information here, that doesn't seem -- it seems to be
4 conflicting in a lot of times.

5 MR. MORRIS: And the hydrogen -- and it's
6 been a while since I've thought about this, but the
7 hydrogen present in the turbine -- the generator, I
8 should say, doesn't seem to have -- be the -- have
9 enough volume to create the kind of explosion that I
10 witnessed on the --

11 [REDACTED] Well, granted that those
12 sort of things usually result in fires, rather than
13 explosions. It's still, you can imagine, an event
14 where the hydrogen escapes from the confined area and
15 gets into an explosive concentration, and the bigger -
16 - in the larger building volume.

17 So, I don't think it's incredible, but
18 whether that's actually what happen or not, it's hard
19 to say.

20 MR. MORRIS: Okay, well, we appreciate it.
21 Any new data points you get --

22 [REDACTED] Okay.

23 MR. MORRIS: -- we would be interesting in
24 hearing.

25 [REDACTED] Yes, I don't think any of

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1 the rest of our (inaudible) was anything new. It's
2 mostly just stuff off the TEPCO website, about the
3 status of the -- I'm sure you've seen that 1:00 p.m.
4 update.

5 MALE PARTICIPANT: Yes, we've got a 4:08
6 eastern time print out from Reuters, that says that
7 NHK Television, it says, "The outer structure of the
8 building that houses the reactor appears to have blown
9 off."

10 [REDACTED] Okay, well, then I need to
11 go back and fix our's. 6

12 MALE PARTICIPANT: That would not indicate
13 a turbine --

14 [REDACTED] Right. 6

15 MALE PARTICIPANT: -- or a generator
16 explosion. 6

17 [REDACTED] All right, okay.

18 MR. MORRIS: Yes, so, we'll keep watching.
19 We'll see if we can get any verified facts, we'll let
20 you know.

21 [REDACTED] I do appreciate it.

22 MALE PARTICIPANT: All right, thanks, [REDACTED] 6
23 I appreciate it.

24 [REDACTED] If someone can call me
25 back, because I've moved from the number that you got

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1 Hayden on.

2 MALE PARTICIPANT: Okay.

3 [REDACTED] So, the number that you
4 need to reach me on, at least for the time being, is

5 [REDACTED]

6 MR. MORRIS: [REDACTED]

7 [REDACTED] Correct.

8 MR. MORRIS: Okay.

9 [REDACTED] All right, thanks.

10 MALE PARTICIPANT: Thanks, Ray.

11 MR. MORRIS: Thank you.

12 [REDACTED] All right, bye.

13 (CONFERENCE CALL CONCLUDED)

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(CONFERENCE CALL INITIATED)

OPERATIONS OFFICER: Hey, Mr. Dorman,
Chairman Jaczko is coming up to the bridge, again.

MR. DORMAN: All right.

OPERATIONS OFFICER: Mr. Chairman, you're
on the bridge.

CHAIRMAN JACZKO: Okay, hey, Dan.

MR. DORMAN: Yes, sir.

CHAIRMAN JACZKO: How are you doing?

MR. DORMAN: We're hanging in there.

CHAIRMAN JACZKO: Are you getting emails
that I'm sending you, just to confirm?

MR. DORMAN: Let me open up and check.

CHAIRMAN JACZKO: Okay, that would be a
'no'?

MR. DORMAN: Yes, yes, I've been a little
pre-occupied.

CHAIRMAN JACZKO: Okay.

MR. DORMAN: All right, yes, I've got
several from you and responses from Mr. Lyons.

Let's see, yes, I'm scanning through
these, right now.

CHAIRMAN JACZKO: Okay, yes, if you can
just make sure to confirm those things then for me,

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1 that I indicated in the email.

2 MR. DORMAN: Yes, the SITREP to DHS just
3 went --

4 CHAIRMAN JACZKO: Okay.

5 MR. DORMAN: -- and included this latest
6 information with the appropriate caveats, and Scott is
7 working on updating the talking points for you.

8 CHAIRMAN JACZKO: Okay.

9 MR. DORMAN: Although we're still looking
10 at this as, we have little direct information and no
11 ability to assess the scenarios, so, we're still
12 looking at a lot of, "If you want to know what's going
13 on in Japan, talk to the Japanese."

14 CHAIRMAN JACZKO: Okay.

15 MR. DORMAN: But in that sense, it's -- if
16 there's anything beyond that, that you want us to
17 work, from the talking points, we're trying to do a
18 little bit of, trying to put ourselves in your shoes,
19 for what you might walk into this morning.

20 CHAIRMAN JACZKO: Got you, yes, that's
21 fine, and again, where we can, let's just stick to
22 what we know, which at this point is, based on, you
23 know, anecdotal evidence and things like that.

24 So, and if there was anything in any of
25 the emails I cc'ed you on, that you think is

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1 inaccurate, please, just respond back. But I
2 hopefully captured it with the appropriate caveats,
3 what you had told me.

4 MR. DORMAN: Okay.

5 MR. MORRIS: Mr. Chairman, this is Scott
6 Morris. The individual at the White House, that I
7 think I saw one of the -- I was looking over Dan's
8 shoulder here, on these emails, [REDACTED]

9 CHAIRMAN JACZKO: Yes.

10 MR. MORRIS: Have you heard anything back
11 from him? We're just -- I'm curious, we sent the
12 SITREP to DHS, but I think earlier, there was some
13 interest in sharing our thoughts with the White House,
14 directly, is that accurate?

15 CHAIRMAN JACZKO: Yes, it should be to
16 that individual, that [REDACTED] whatever.

17 MR. MORRIS: Okay.

18 CHAIRMAN JACZKO: Include him on the
19 distribution.

20 MR. MORRIS: Okay.

21 MR. DORMAN: Okay.

22 CHAIRMAN JACZKO: And Pete Lyons, as well.

23 MR. MORRIS: Okay.

24 CHAIRMAN JACZKO: Is your sense that DHS
25 is not getting information to others?

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1 MR. DORMAN: I would say it's not been
2 clear to me, that DHS is a significant participant in
3 the communications that we've been involved in.

4 We've had more with Department of Energy
5 and with [REDACTED]

6 CHAIRMAN JACZKO: Okay, include any of
7 those individuals then, you know, that you're having
8 contacts with. Include them on the distributions, as
9 well.

10 MR. DORMAN: Okay.

11 CHAIRMAN JACZKO: Yes, get to whomever we
12 can, directly, and then work through DHS.

13 MR. DORMAN: Okay.

14 MR. MORRIS: All right.

15 CHAIRMAN JACZKO: And then cc me on all of
16 those communications, too, so that I have the latest
17 information, as well.

18 MR. DORMAN: Yes, sir.

19 CHAIRMAN JACZKO: Okay, what is your
20 recommendation for me, at this point?

21 MR. DORMAN: I think you could wait until
22 the seven o'clock. If we're still -- I'm still
23 watching the same loop of footage on the television,
24 and we're not getting a lot of other --

25 MR. MORRIS: We've got some stuff on the

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6

1 Reuters wire that has --

2 CHAIRMAN JACZKO: Okay.

3 MR. MORRIS: -- talked about explosions
4 and things, but it's --

5 MR. DORMAN: But it's pretty much all of
6 the -- all of the networks are picking up, what was
7 originally shown on a Japanese network.

8 CHAIRMAN JACZKO: Okay.

9 MR. DORMAN: But nothing new seems to be
10 coming in, in the last 45 minutes or so.

11 CHAIRMAN JACZKO: Okay, well, I'll try and
12 get a little bit more sleep then, and again, call me
13 if there is a significant change.

14 But what I want to emphasize again is that
15 we're -- we get our communications prepared, again,
16 with the best available information we have, that we
17 continue to loop those individuals in with any of our
18 communications, and also, that we're also -- make sure
19 that we're thinking about spent fuel pools, as well.

20 MR. DORMAN: Yes.

21 CHAIRMAN JACZKO: Just to make sure.

22 MR. DORMAN: Yes, we're having that
23 conversation, because it is, as Commissioner Lyons, in
24 one of those emails, that this was one of the sites --
25 and to the best of our knowledge, this is a similar to

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1 design to most of our early BWR's that has the -- the
2 spent fuel pool at the top of the secondary
3 containment structure, and if that's accurate, then --
4 and we're reading the image accurately, that what we
5 see is the open framework, then what you have at that
6 pool is now open into the environment, at the top.

7 CHAIRMAN JACZKO: Okay.

8 MR. DORMAN: What we don't know is what --
9 is any information related to the cooling or water
10 supplies there.

11 CHAIRMAN JACZKO: Okay, and again, our --
12 we are -- make sure that we're considering that in the
13 assessment and scenarios, as well then.

14 MR. DORMAN: Yes, sir.

15 CHAIRMAN JACZKO: Okay, and again, we're --
16 - where do you think we are, in terms of getting now,
17 an assessment that includes an unvented -- or an open
18 containment?

19 MR. DORMAN: Well, we have an assessment
20 that is 100 percent core melt in an open containment,
21 and that's, as you would imagine, a very bad scenario
22 with reaching the protective action guidelines out to
23 50 miles down wind.

24 Right now, down wind is out over the
25 ocean, but we don't have any reason, at this point, to

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1 believe that we're at anything like that kind of
2 source term.

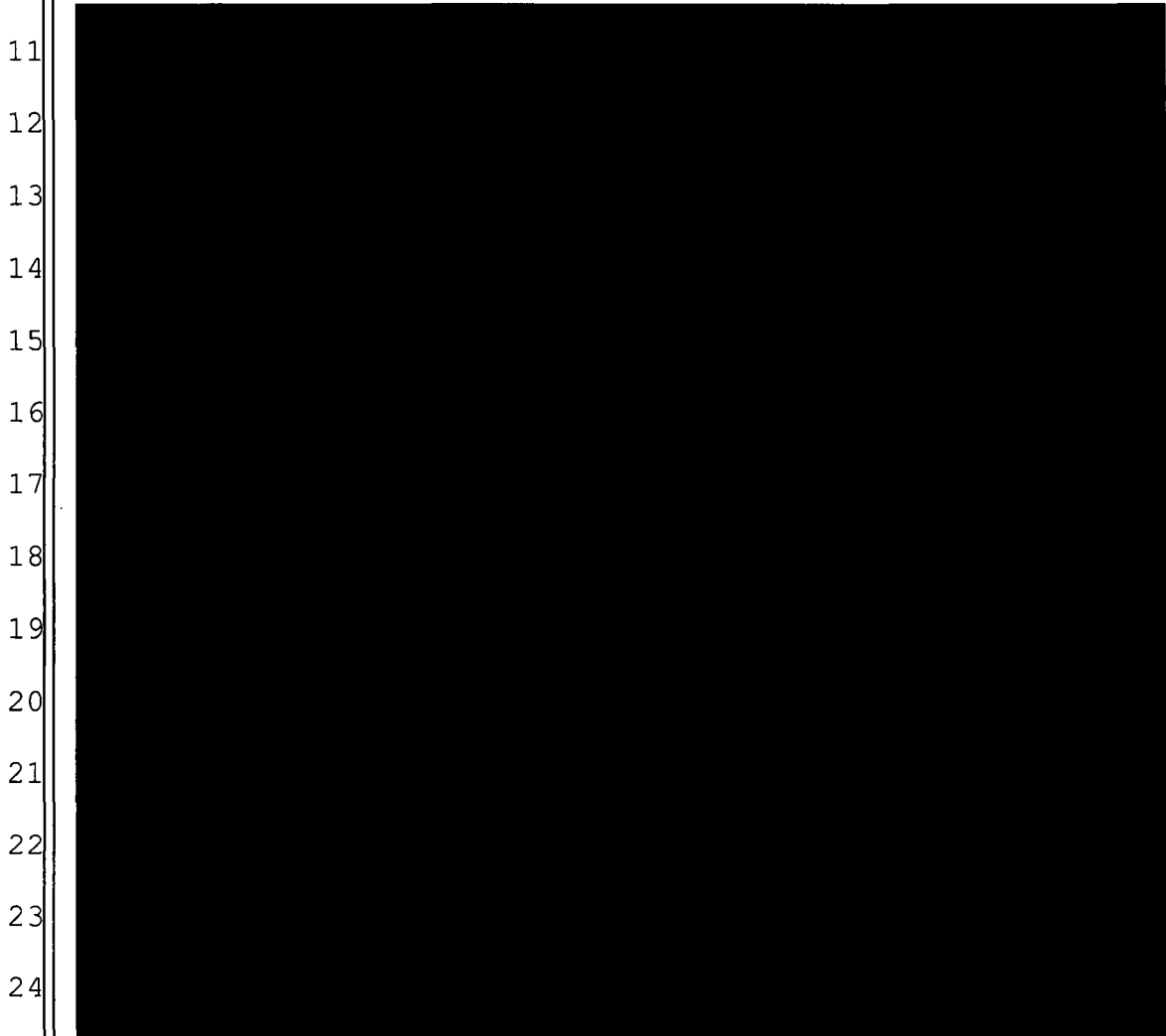
3 CHAIRMAN JACZKO: Okay.

4 MR. DORMAN: So, that's our truly worse
5 case scenario. We don't have any information to
6 support a -- you know, what less than that, is it.

7 CHAIRMAN JACZKO: Okay.

8 MR. BRUNELL: Chairman, it's Scott Brunell
9 from Public Affairs.

10 CHAIRMAN JACZKO: Yes.



25 MR. BRUNELL: I think that's a fair --

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1 MR. MORRIS: Yes, I think that's a fair
2 assessment.

3 CHAIRMAN JACZKO: Okay, okay, and even in
4 a worse case scenario -- or well, in a worse case
5 scenario, again, would there be a possibility that
6 Hawaii or anywhere else would exceed any levels that
7 would require shelter, any protective action?

8 MR. MORRIS: No, I don't -- no, I think we
9 could say, based on the worse case assessment we have,
10 I think we can say safely that there would not be any
11 protective actions recommendations for those areas.

12 Thinking back to 1986, and going to
13 Scott's comment on public confidence, relative to
14 monitoring, it's -- that would be the avenue of why
15 you would want to get into monitoring, just so that we
16 can say, "Yes, we're measuring it, and it's okay."

17 CHAIRMAN JACZKO: Okay, all right, well,
18 again, if that's something that we need to be doing,
19 then we need to -- we need to get that information
20 out.

21 If, from a safety standpoint, we believe -
22 - or any other reason, it's important to get that out,
23 then we should engage DHS.

24 MR. DORMAN: Okay, all right.

25 CHAIRMAN JACZKO: Okay, any -- does that -

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1 - any other issues, at this point?

2 MR. BRUNELL: I only point out that we've
3 had a brief interaction with the IAEA folks and the
4 operations center.

5 Those two are going to get information, as
6 well. So, they've reached out to us, to see if we
7 could help, and we've pretty much, shared with them,
8 that, you know, our information was sketchy, at best.

9 MR. MORRIS: And we did ask that -- we
10 pointed out that we do have an individual en route, as
11 part of a search and rescue/disaster relief effort,
12 but that if the IAEA had contact with NISA, and could
13 put them in touch with us, it would be good for him to
14 have the best information available, when he arrives.

15 CHAIRMAN JACZKO: Okay, good. When do we
16 anticipate his arrival?

17 MR. MORRIS: We're anticipating his
18 arrival in California in about an hour.

19 CHAIRMAN JACZKO: Okay.

20 MR. MORRIS: And then I'm assuming, he'll
21 have a stop over there for refueling and then, about
22 another eight hour flight. So, I think it will 11:30
23 a.m. tomorrow --

24 MR. BRUNELL: Tomorrow, in Mesala.

25 CHAIRMAN JACZKO: Okay.

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1 MR. MORRIS: Okay, and did you hear that,
2 11:30 a.m. local in Mesala?

3 CHAIRMAN JACZKO: Okay.

4 MR. BRUNELL: Yes, it will be 9:30 eastern
5 standard time on 3/12.

6 CHAIRMAN JACZKO: Okay.

7 MR. MORRIS: All right.

8 MR. BRUNELL: Yes.

9 CHAIRMAN JACZKO: Okay, anything else, at
10 this point?

11 MR. MORRIS: No, sir.

12 CHAIRMAN JACZKO: Okay, so, we -- make
13 sure you get those communications out to a wider
14 audience, and then Dan, can you -- I guess, we're in a
15 unique situation here. We're not really in any kind
16 of true national response, or anything, at this point,
17 are we?

18 MR. DORMAN: That is correct.

19 CHAIRMAN JACZKO: Okay, okay, so, we're
20 still primarily dealing with, for the United States, a
21 communications event?

22 MR. DORMAN: Yes, sir.

23 CHAIRMAN JACZKO: Okay, okay, well, let's
24 make sure we have all our communications right.

25 MR. DORMAN: Yes, sir.

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CHAIRMAN JACZKO: Okay, thanks.

MR. DORMAN: You're welcome.

(CONFERENCE CALL CONCLUDED)

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3 (CONFERENCE CALL INITIATED)

4 OPERATIONS OFFICER: This is the
5 headquarters operations officer. Chairman will be on
6 the bridge momentarily.

7 Chairman Jaczko, you're on the bridge now.

8 CHAIRMAN JACZKO: Okay, thank. Hi,
9 everybody. Sorry to have to get in.

10 MR. DORMAN: That's all right.

11 CHAIRMAN JACZKO: I just want to confirm
12 the information that you told me to get, in case I --
13 because I'm getting pinged by a bunch of different
14 people.

15 So, if you can make sure to send the --

16 MR. DORMAN: The updates?

17 CHAIRMAN JACZKO: -- the updates, and I
18 won't have to do that as much.

19 We have video footage that we believed
20 showed containment has been violated.

21 MR. DORMAN: Yes, what is it, is -- I'll
22 try to describe it for you.

23 From a distance, you've got the plants in
24 the center. You've got four reactor buildings and
25 behind them, from the point of view of the camera, is

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1 the turbine building and then the sea, and what you
2 see is, on the left-most, which would be the Unit 1,
3 from the vicinity of the reactor building, you see an
4 initial vertical pulse --

5 CHAIRMAN JACZKO: Yes.

6 MR. DORMAN: -- and then a large white
7 cloud, spread out from that reactor building, and then
8 you have footage of a later image, where you have the
9 three reactor buildings to the right are solid white
10 images, and the one where the -- you know, the
11 explosion occurred, appears to be the metal frames of
12 the portion of the building above the refueling plug
13 and the spent fuel pool.

14 CHAIRMAN JACZKO: Okay.

15 MR. DORMAN: And based on that, our
16 assessment is, it appears to have been an event that
17 originated in the reactor building.

18 CHAIRMAN JACZKO: Okay.

19 MR. DORMAN: And our assessment is that
20 there is possibility that that would -- and event like
21 that involved a failure of the primary containment.

22 CHAIRMAN JACZKO: Okay.

23 MALE PARTICIPANT: Yes.

24 MR. DORMAN: But again, that's all our
25 inference off some media footage.

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1 MALE PARTICIPANT: Well, there's no smoke.
2 It looks like steam, or some kind of vapor.

3 MR. DORMAN: Or yes, the --

4 MALE PARTICIPANT: It doesn't look like
5 smoke, and there was no fire ball.

6 CHAIRMAN JACZKO: Okay.

7 MR. DORMAN: And some of that's pulverized
8 concrete, too.

9 MALE PARTICIPANT: Yes.

10 CHAIRMAN JACZKO: And then the IAEA piece
11 of information we have, can you describe that to me,
12 again?

13 MR. DORMAN: The IAEA, we talked to them,
14 a little over an hour ago, from their operations
15 center, and Mark Shafer was on their end.

16 We basically confirmed that they are as
17 starved for facts as we are.

18 MALE PARTICIPANT: Right.

19 CHAIRMAN JACZKO: Okay.

20 MR. DORMAN: So, there -- unfortunately,
21 we were mutually unable to help each other, much.

22 CHAIRMAN JACZKO: Okay, but they are in
23 the same -- did they get official notification? I
24 thought you told me that NISA had made some
25 notification.

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1 MR. DORMAN: Yes, there was -- yes, as we
2 were talking, I had said -- a note was handed to me
3 that said NISA called IAEA and reported explosion in
4 the reactor building.

5 CHAIRMAN JACZKO: Okay, so, in the reactor
6 building. So, not -- I'm getting some emails
7 suggesting that the issue is in the turbine, not in
8 the reactor building, or that --

9 MR. DORMAN: And this is -- we had a
10 conversation with [REDACTED] it was looking at -- they were
11 looking at the same footage that we are, and their
12 initial assessment was that it was a hydrogen
13 explosion in the turbine building.

14 CHAIRMAN JACZKO: Okay.

15 MR. DORMAN: And we're looking at it, and
16 I'm watching the loop of the explosion right now as
17 we're talking, and we are seeing it -- we continue to
18 see it as a reactor building issue.

19 CHAIRMAN JACZKO: Okay, and again, just
20 because I'm not that familiar with BWR designs, is
21 there -- their turbine building is a separate
22 building?

23 MALE PARTICIPANT: Yes.

24 MR. DORMAN: Yes, it is a separate
25 building.

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1 CHAIRMAN JACZKO: Okay.

2 MR. DORMAN: And it's on the far -- from
3 the point of view of this camera, it is on the far
4 side from the reactor building --

5 CHAIRMAN JACZKO: Okay.

6 MR. DORMAN: -- and I am not envisioning
7 how a turbine building event, that's being postulated
8 by others, would cause the damage that I'm currently
9 looking at on the Unit 1 reactor building.

10 CHAIRMAN JACZKO: Okay.

11 MR. DORMAN: The other issue that we've
12 raised is that the apparent mode of force for such an
13 event in the turbine building would be hydrogen that
14 cooled the turbine, and we don't see any deflagration
15 issue, in terms of --

16 CHAIRMAN JACZKO: Okay.

17 MR. DORMAN: -- we don't see any flame --

18 CHAIRMAN JACZKO: Right, which you'd see
19 from a hydrogen explosion.

20 MR. DORMAN: Right.

21 CHAIRMAN JACZKO: Okay, good, thanks.

22 MR. DORMAN: Yes, sir.

23 CHAIRMAN JACZKO: Just make sure to put me
24 on the email, or just send me the SITREP, so, I have
25 that in written form, too.

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MALE PARTICIPANT: Yes, sir, I'll be doing that shortly.

CHAIRMAN JACZKO: Okay, good, thank you, appreciate it.

MALE PARTICIPANT: Sure.

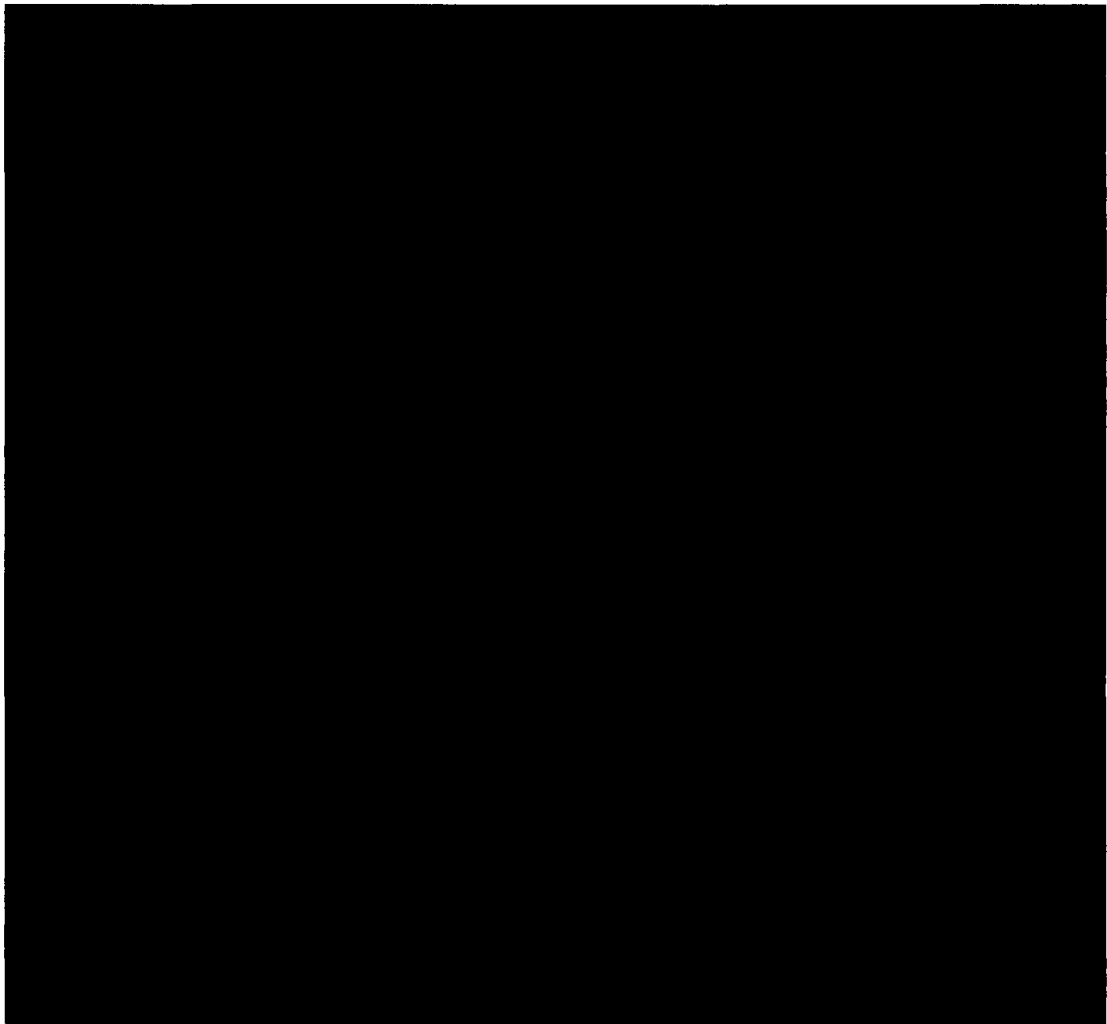
CHAIRMAN JACZKO: And I'll see you in a few minutes.

MR. BRENNER: Chairman?

CHAIRMAN JACZKO: Yes.

MR. BRENNER: Eliot Brenner here, as well.

CHAIRMAN JACZKO: Okay.



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1 Stay down here?

2 MR. BRENNER: You probably want to say
3 close to downtown for the time being.

4 CHAIRMAN JACZKO: Okay.

5 MR. BRENNER: Because we're closer to the
6 media, and I could always leave out of here and meet
7 you.

8 CHAIRMAN JACZKO: Okay, okay, and let's
9 make sure we get information. As soon as we get it,
10 we're putting it down on paper, so that I have
11 information in front of me, when I have to get down
12 there.

13 MR. MORRIS: Right.

14 CHAIRMAN JACZKO: Okay, and again, just to
15 recap then, I will not come in, at this point. I'll
16 stay here. You can post it if anything else changes.

17 MR. MORRIS: Yes, sir.

18 CHAIRMAN JACZKO: Okay, good, thank you.

19 MR. MORRIS: Thank you.

20 MR. DORMAN: Thank you.

21 (CONFERENCE CALL CONCLUDED)

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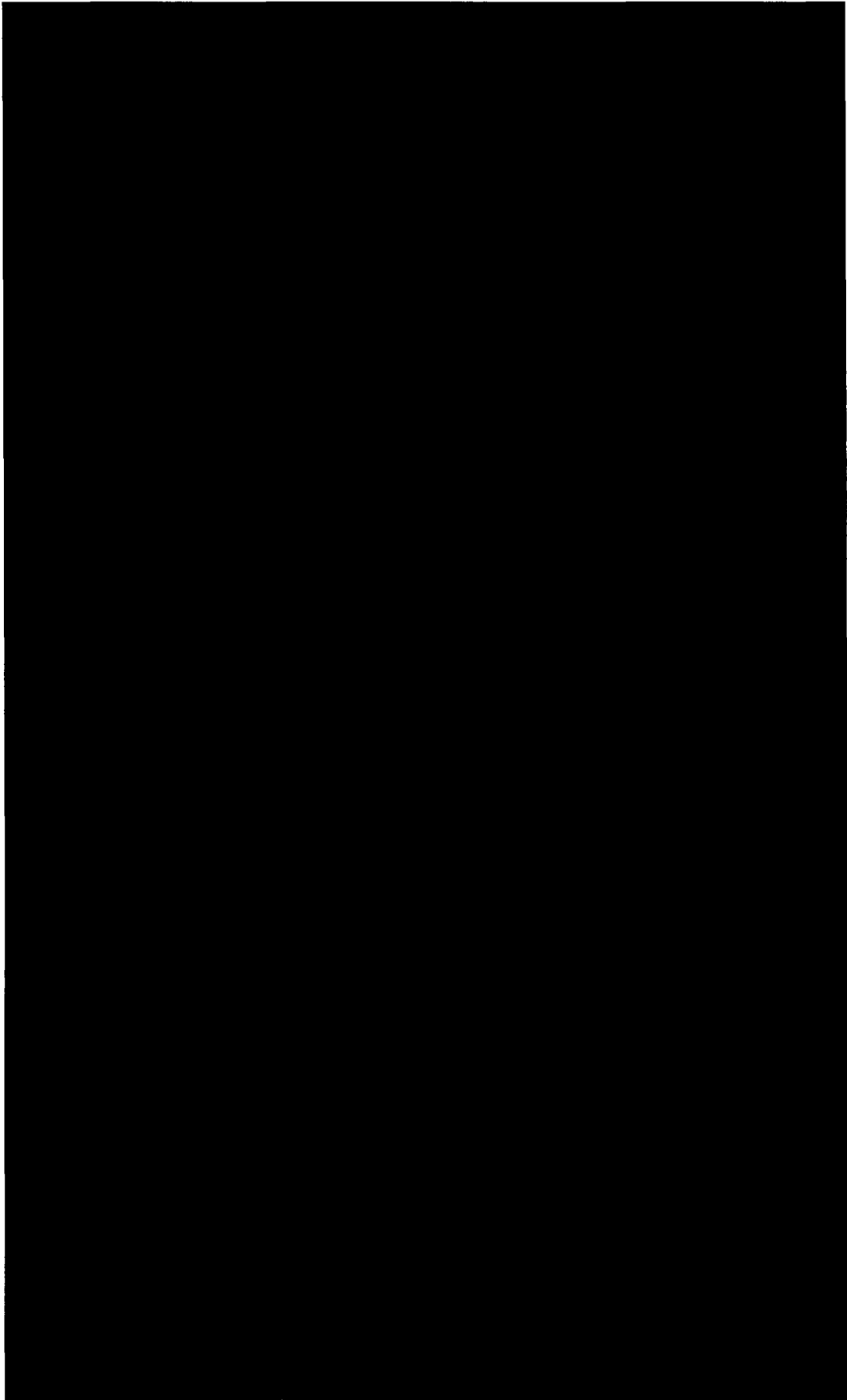
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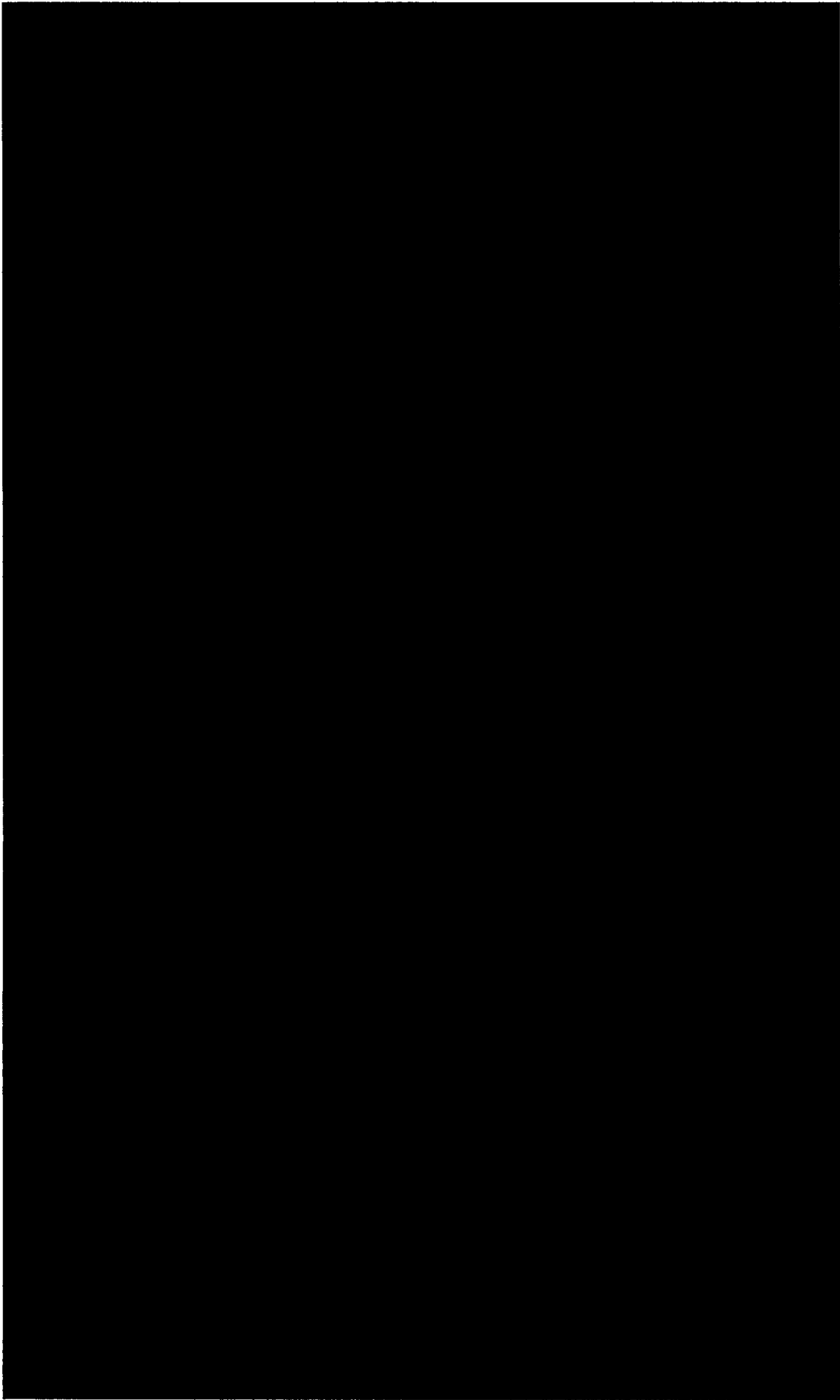
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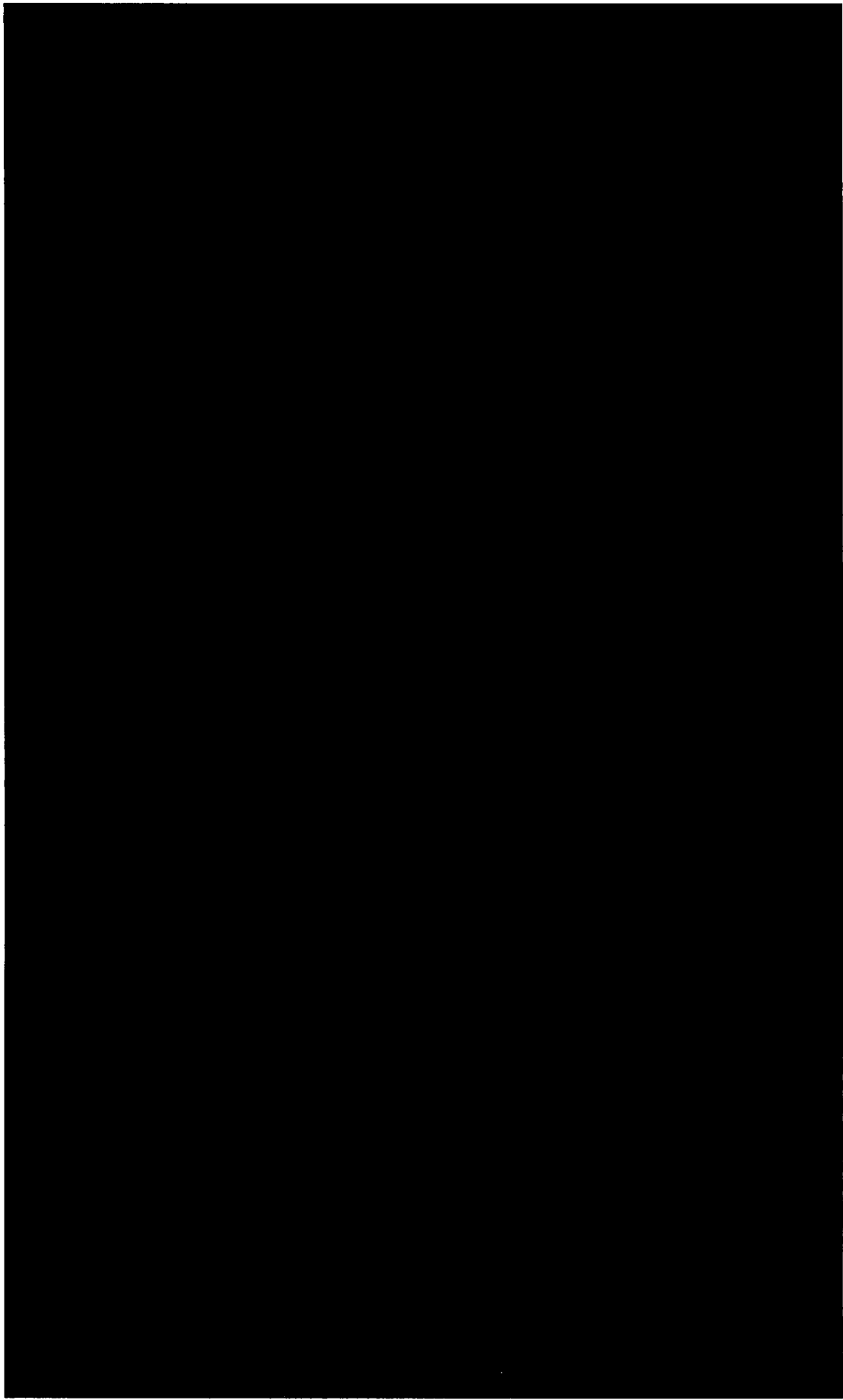
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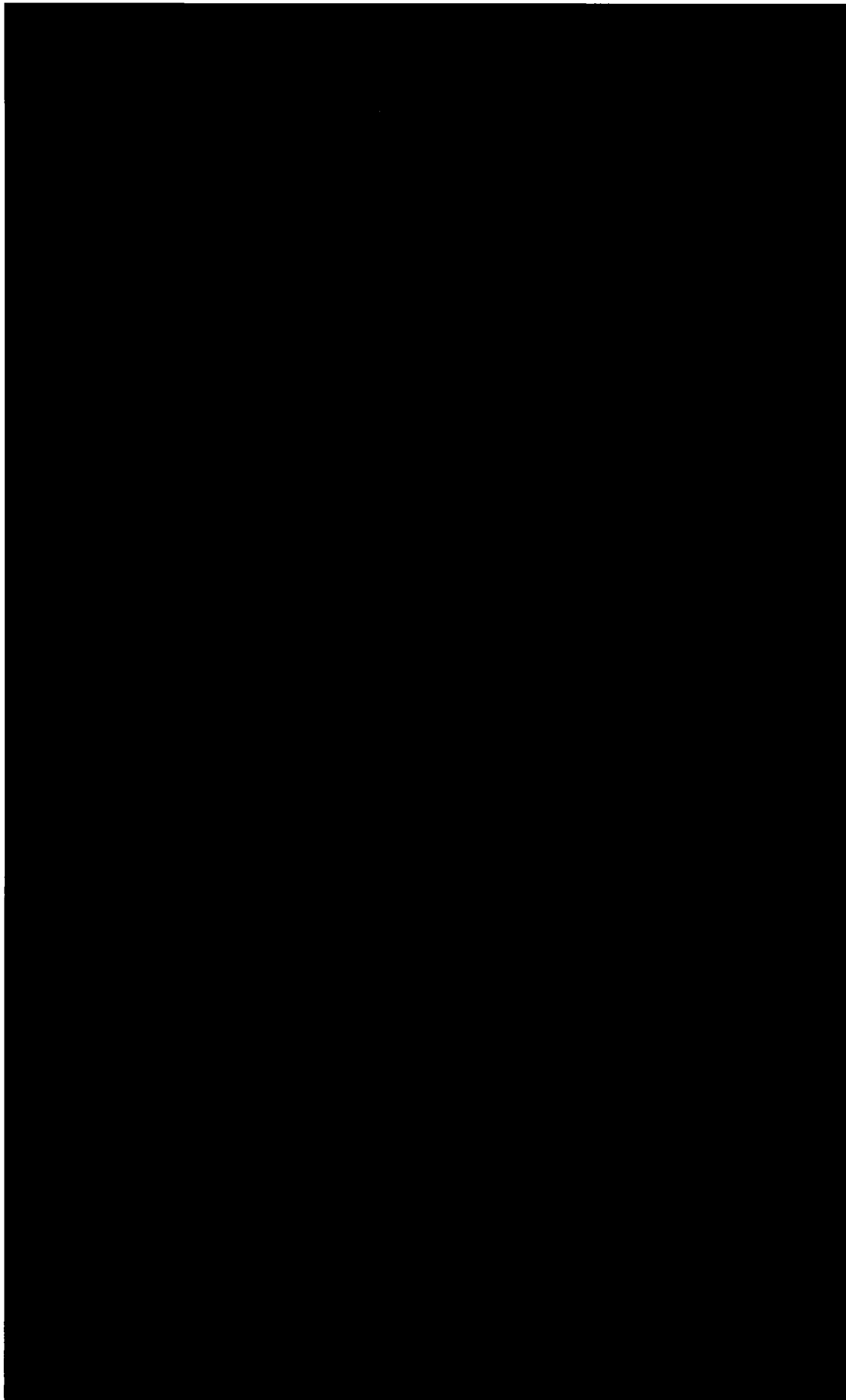
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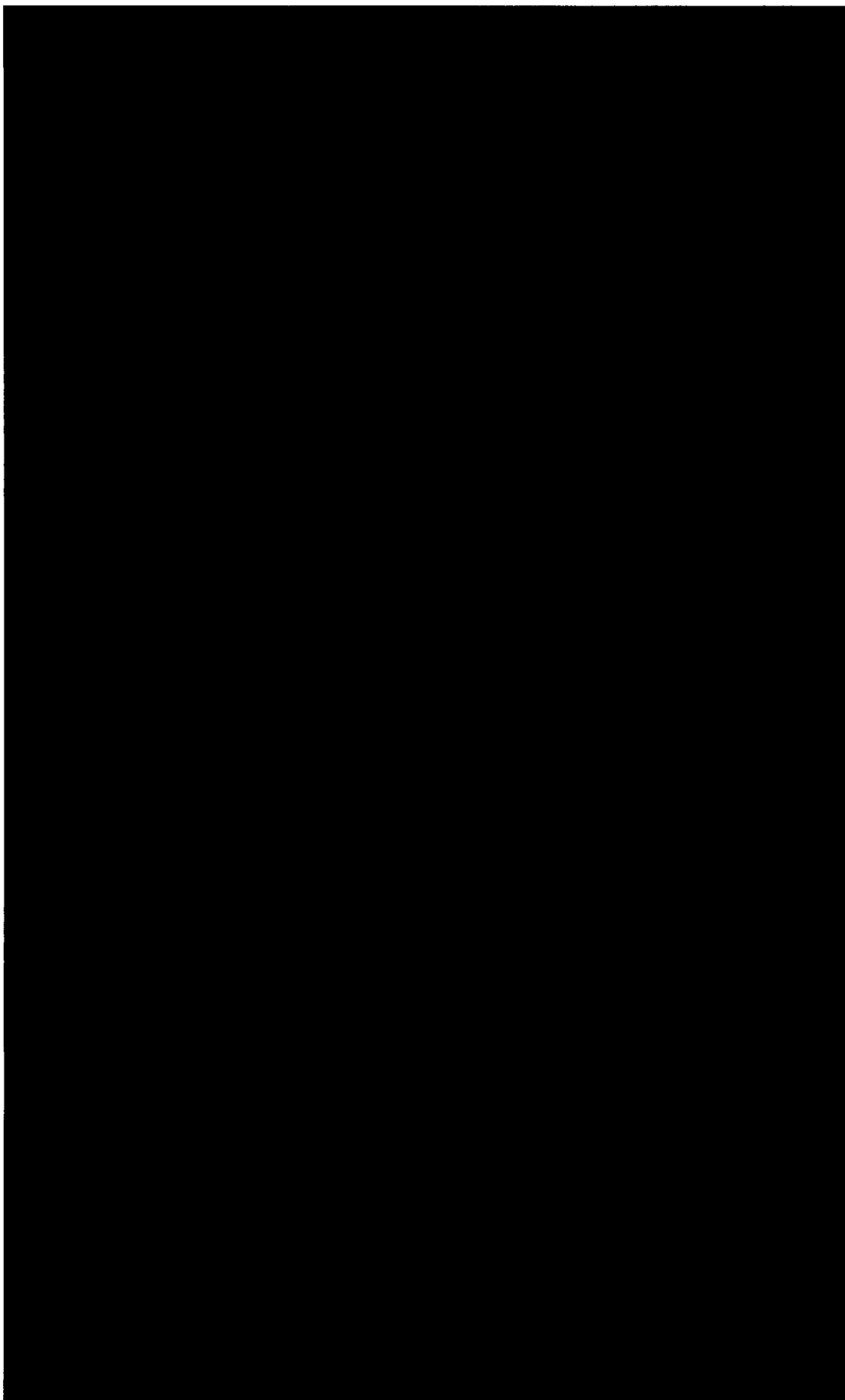
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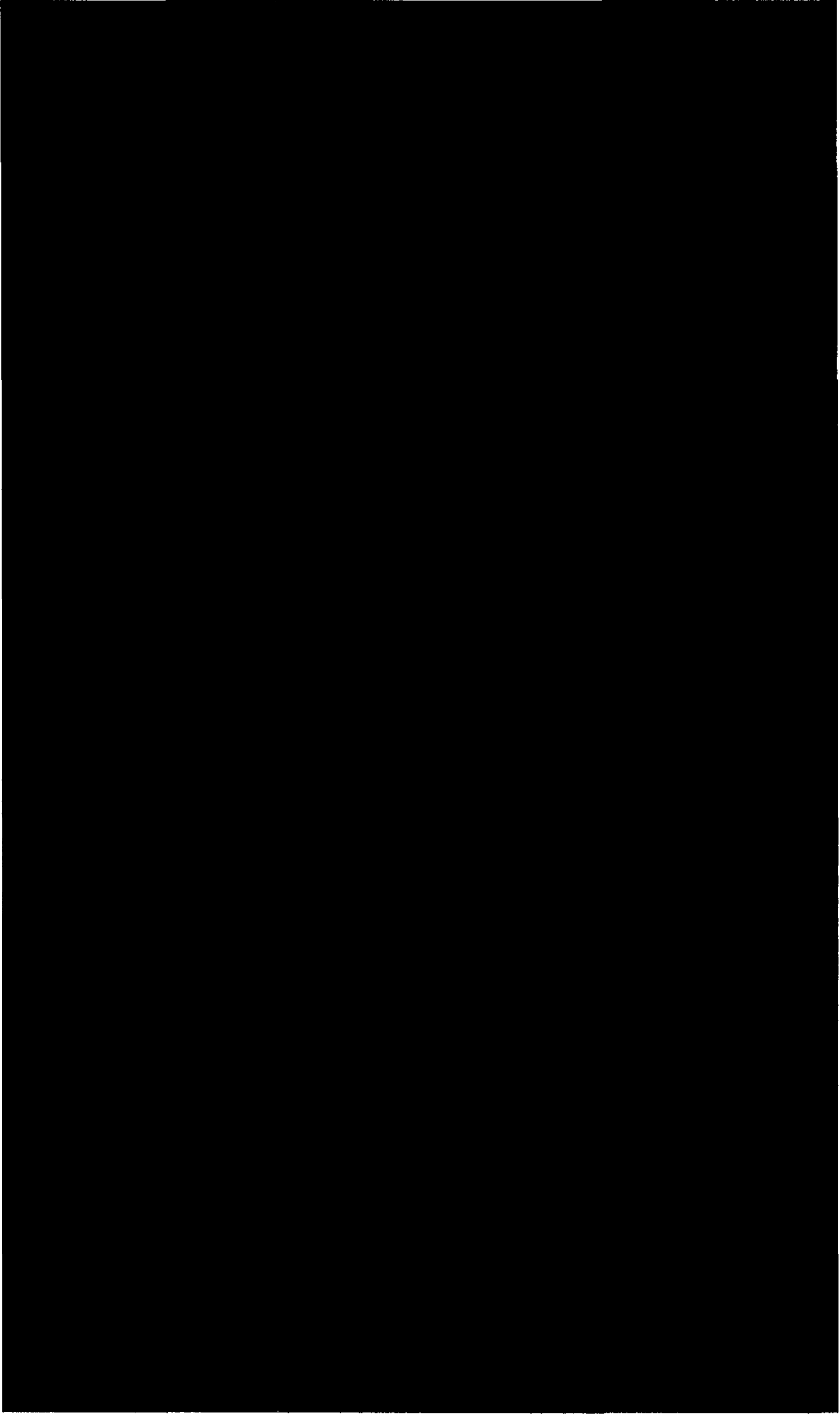
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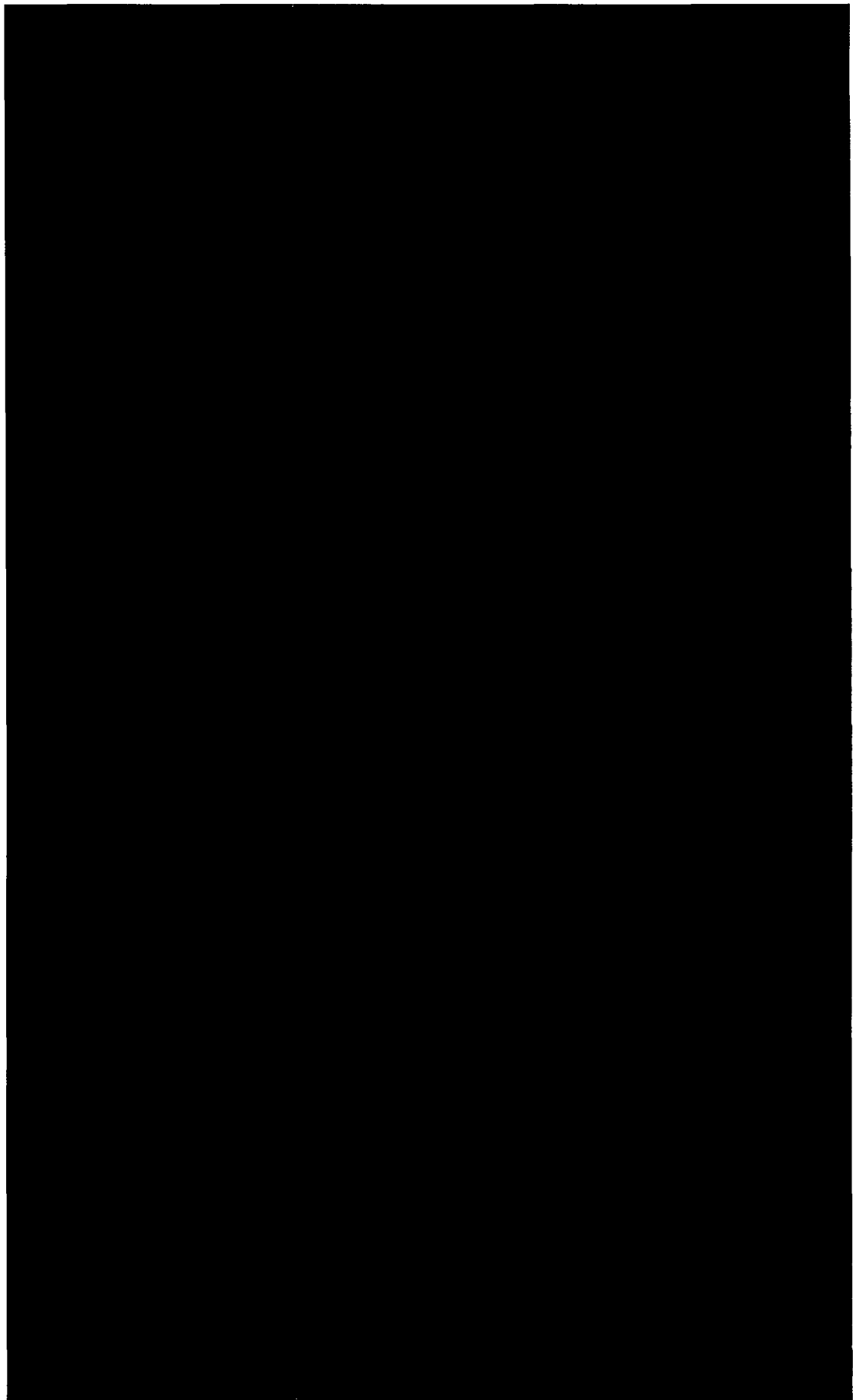
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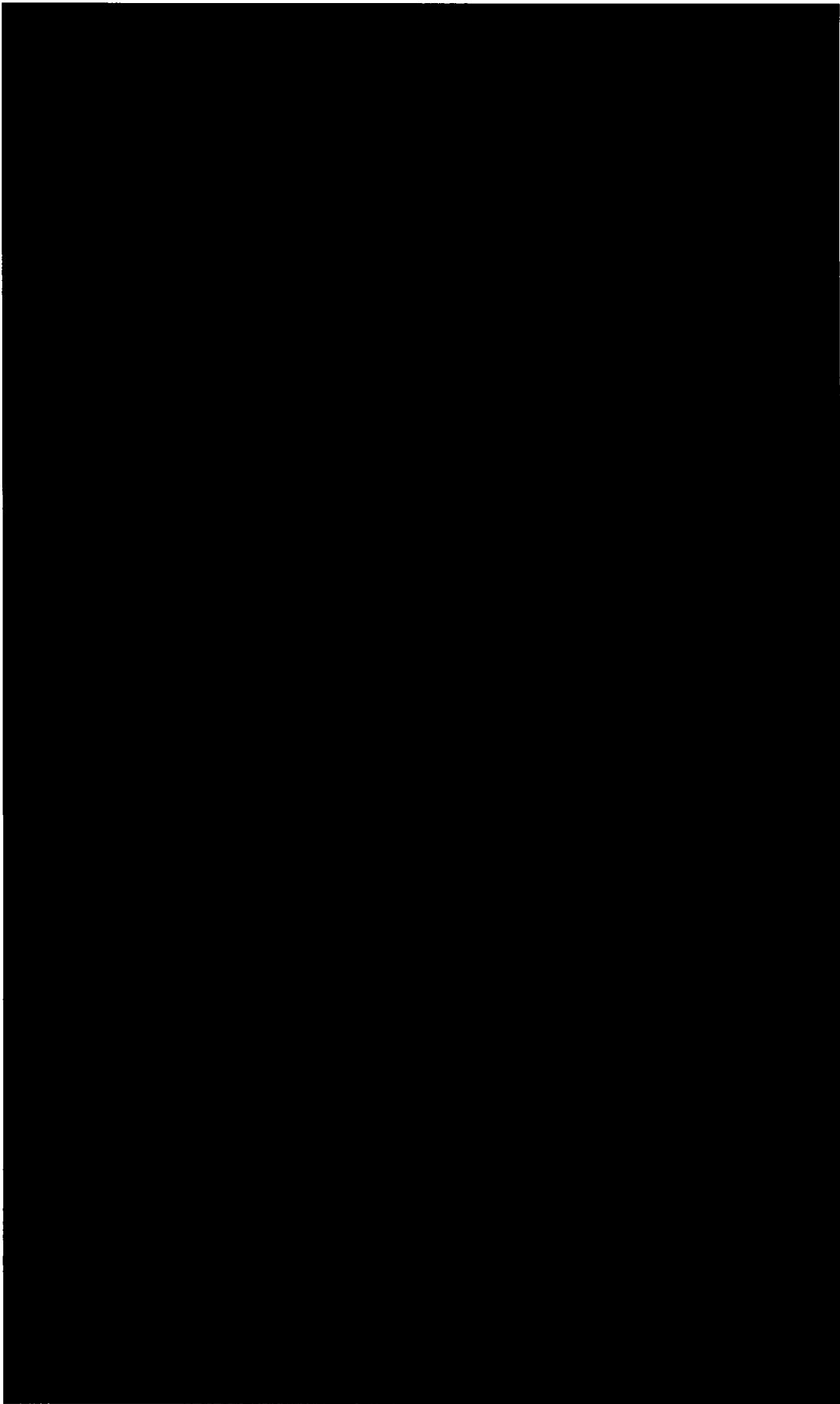
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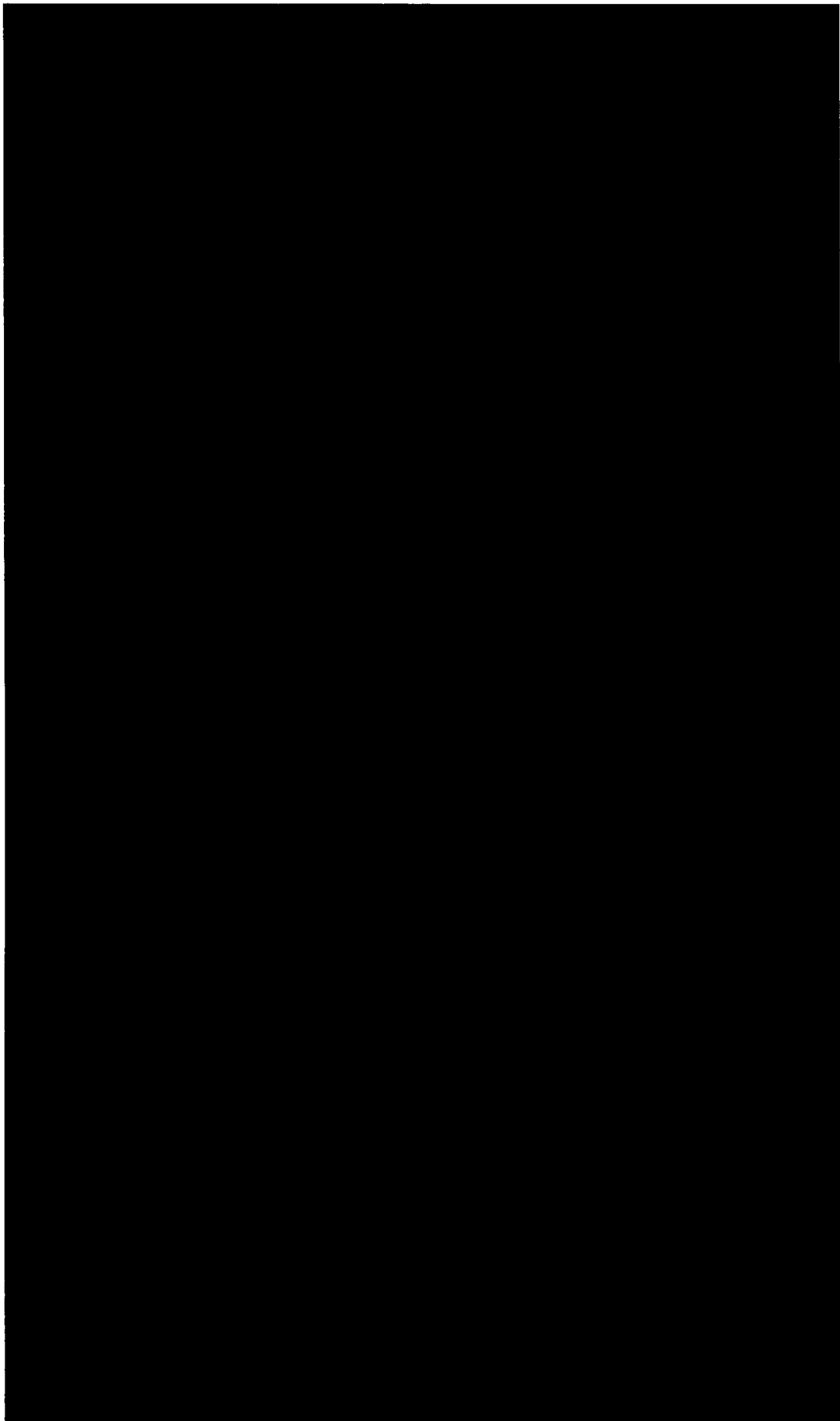
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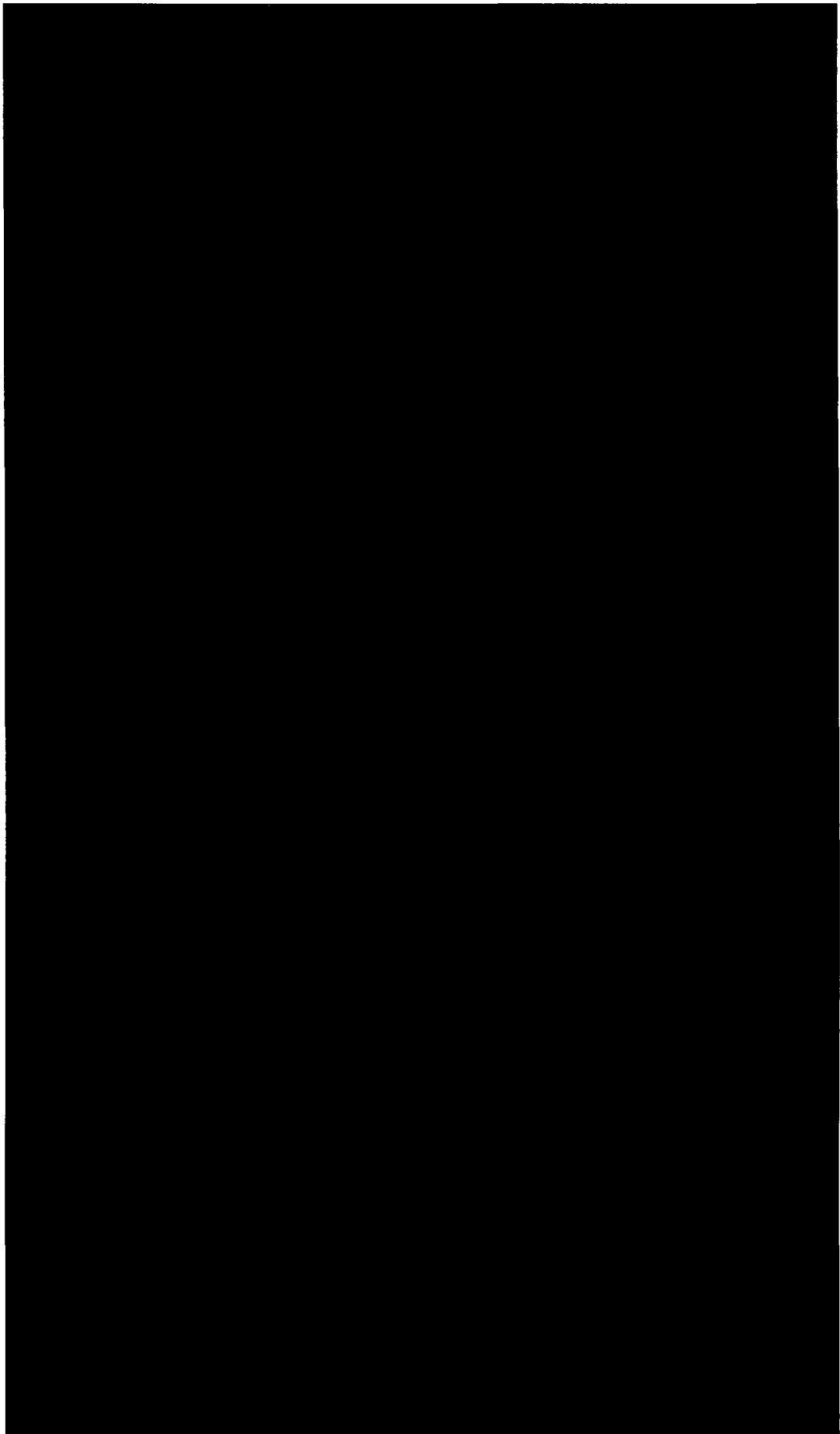
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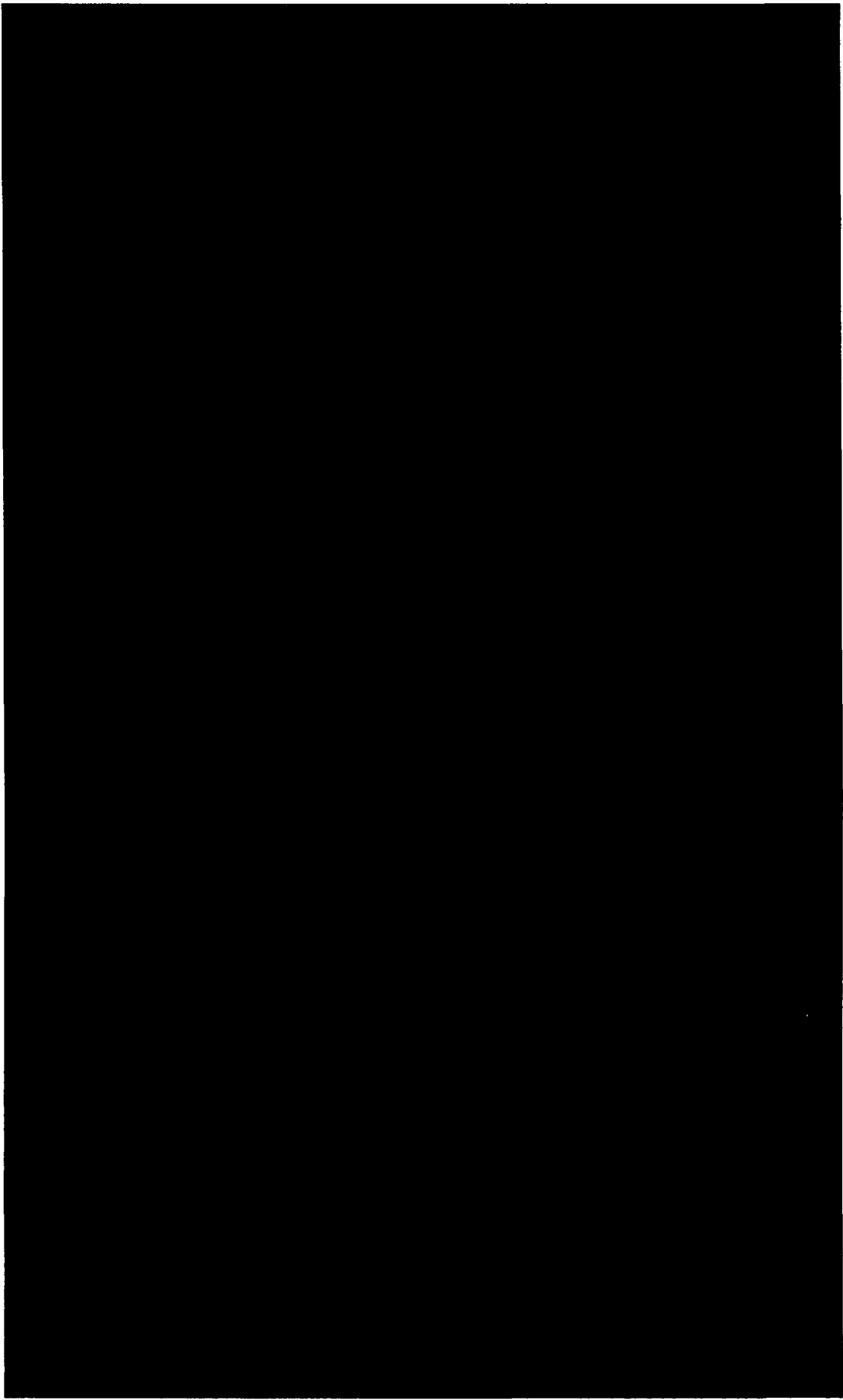
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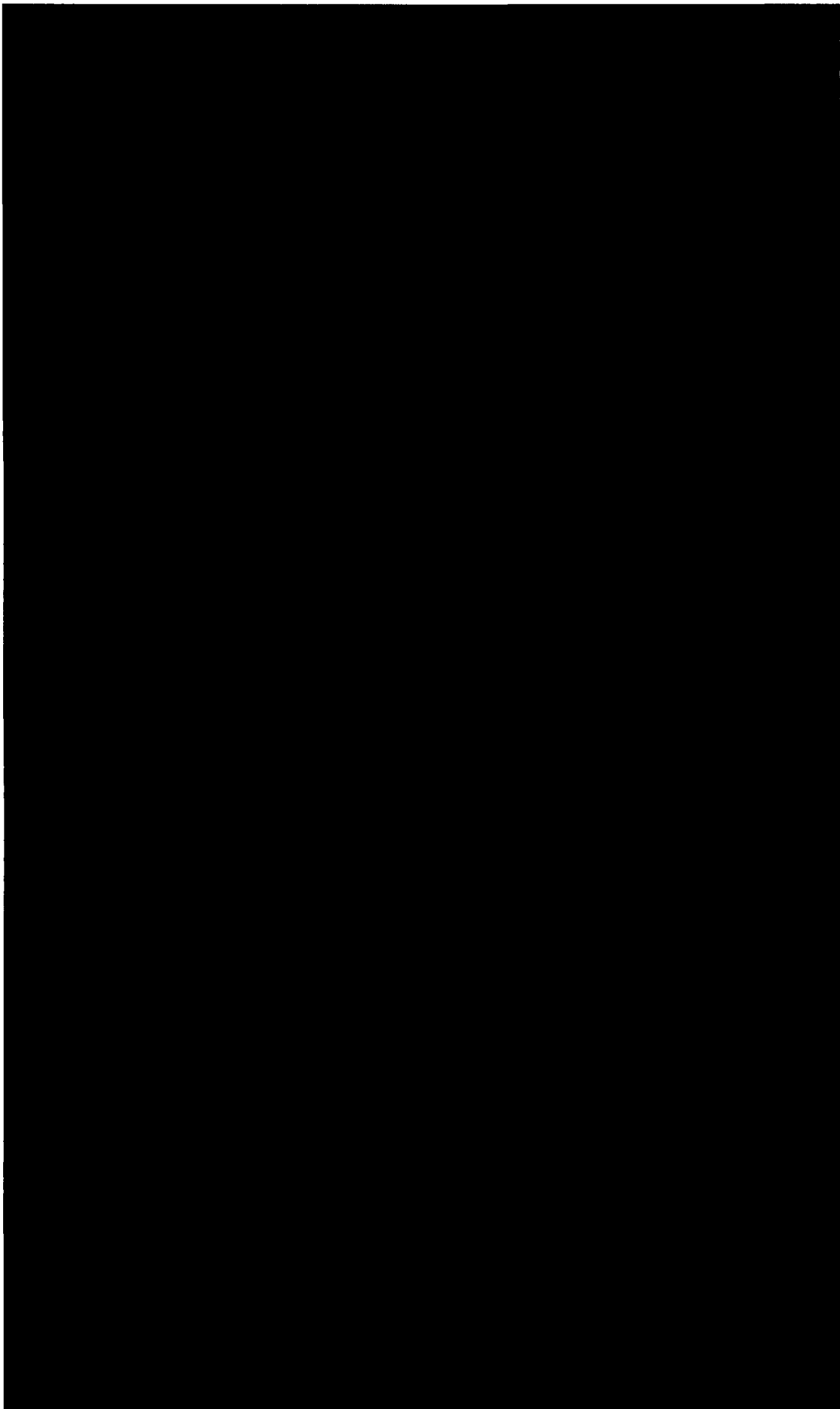
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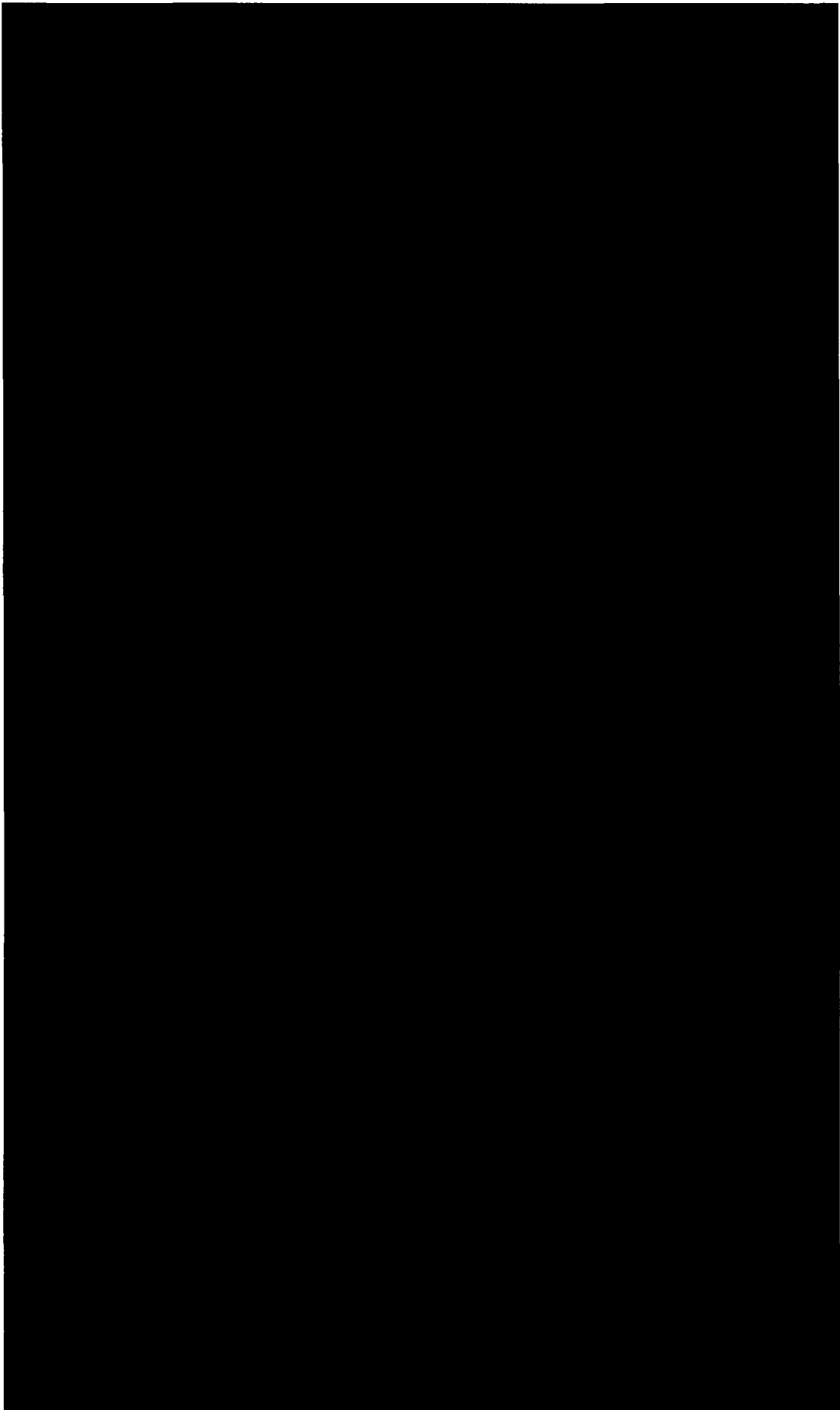
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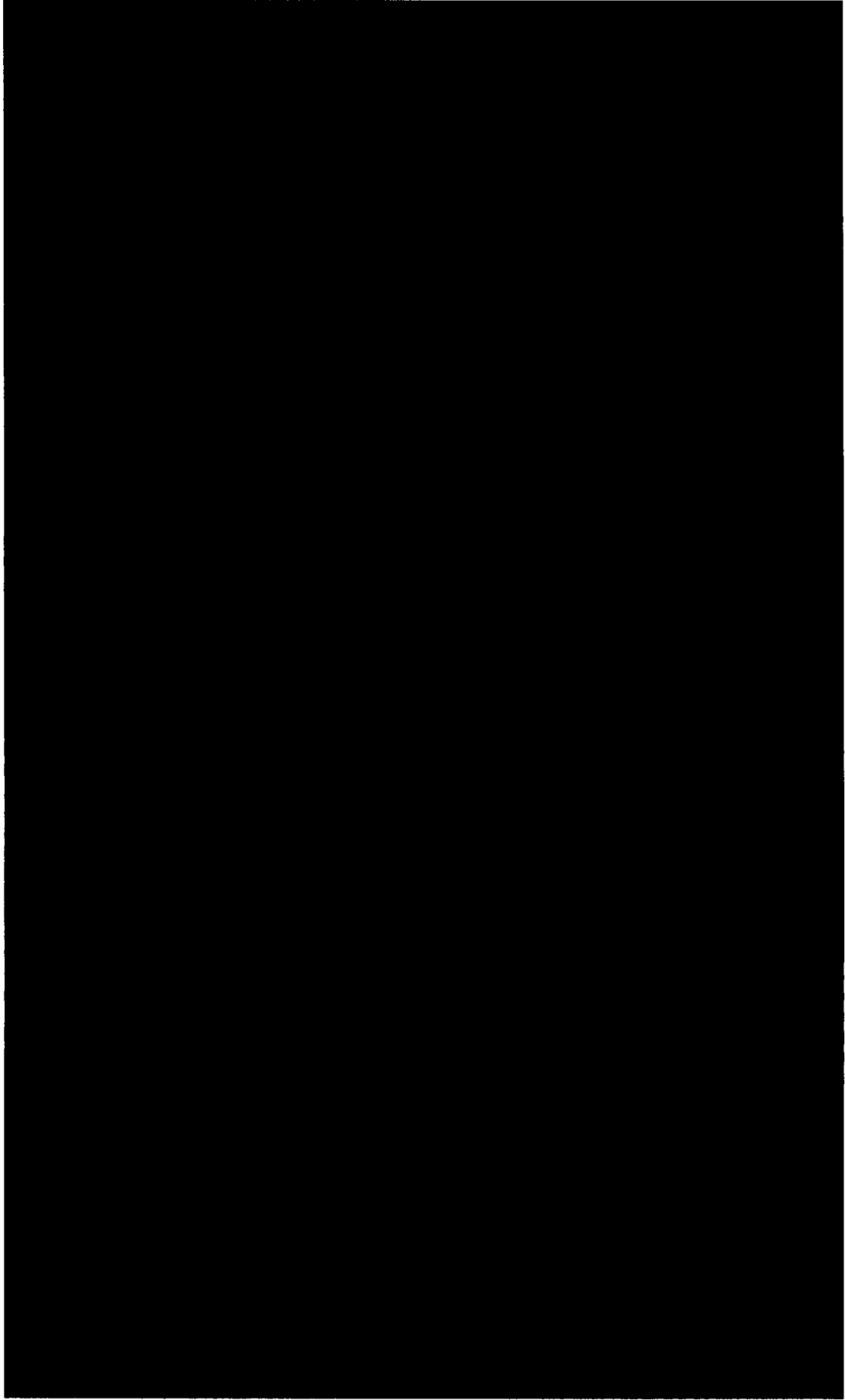
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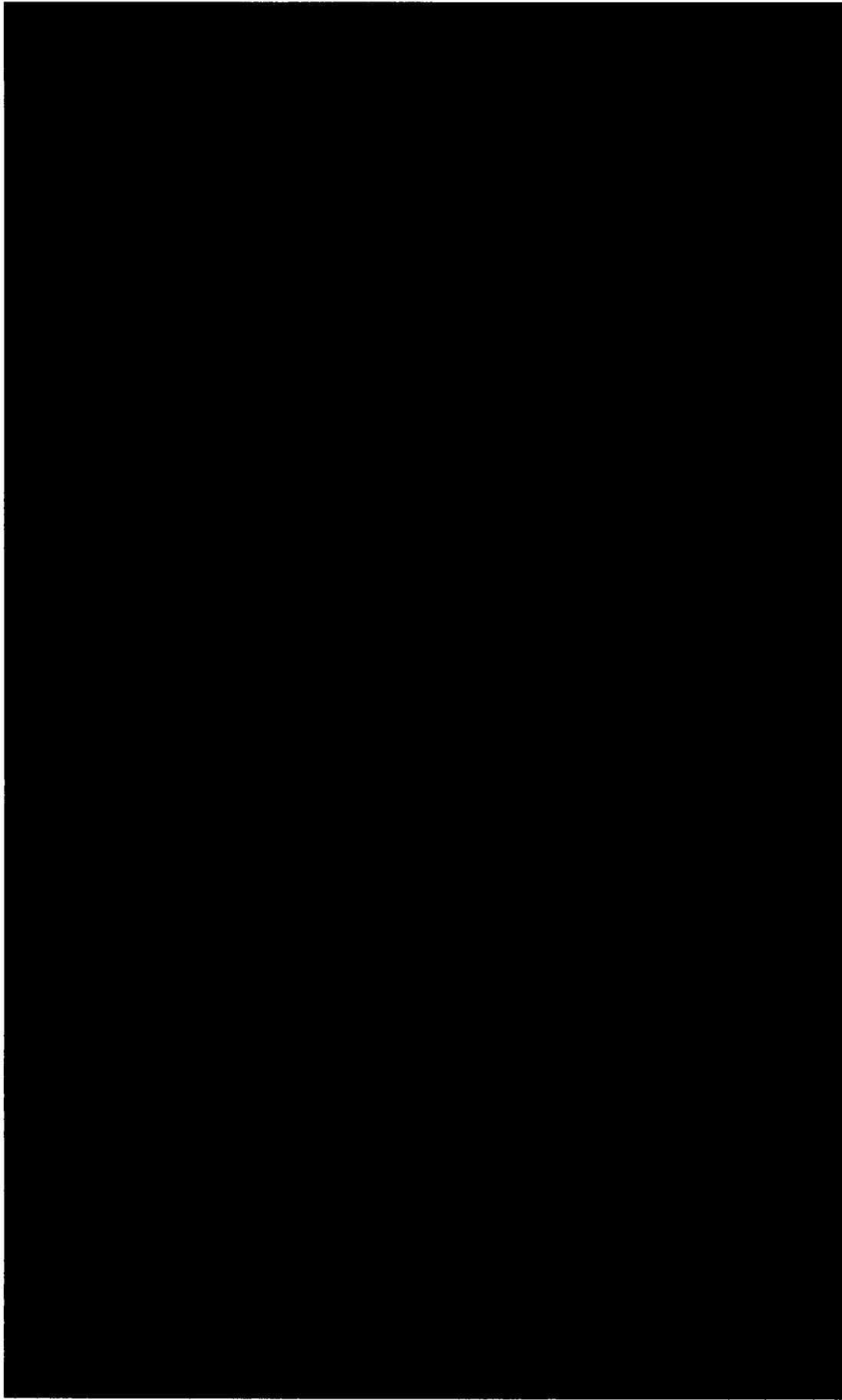
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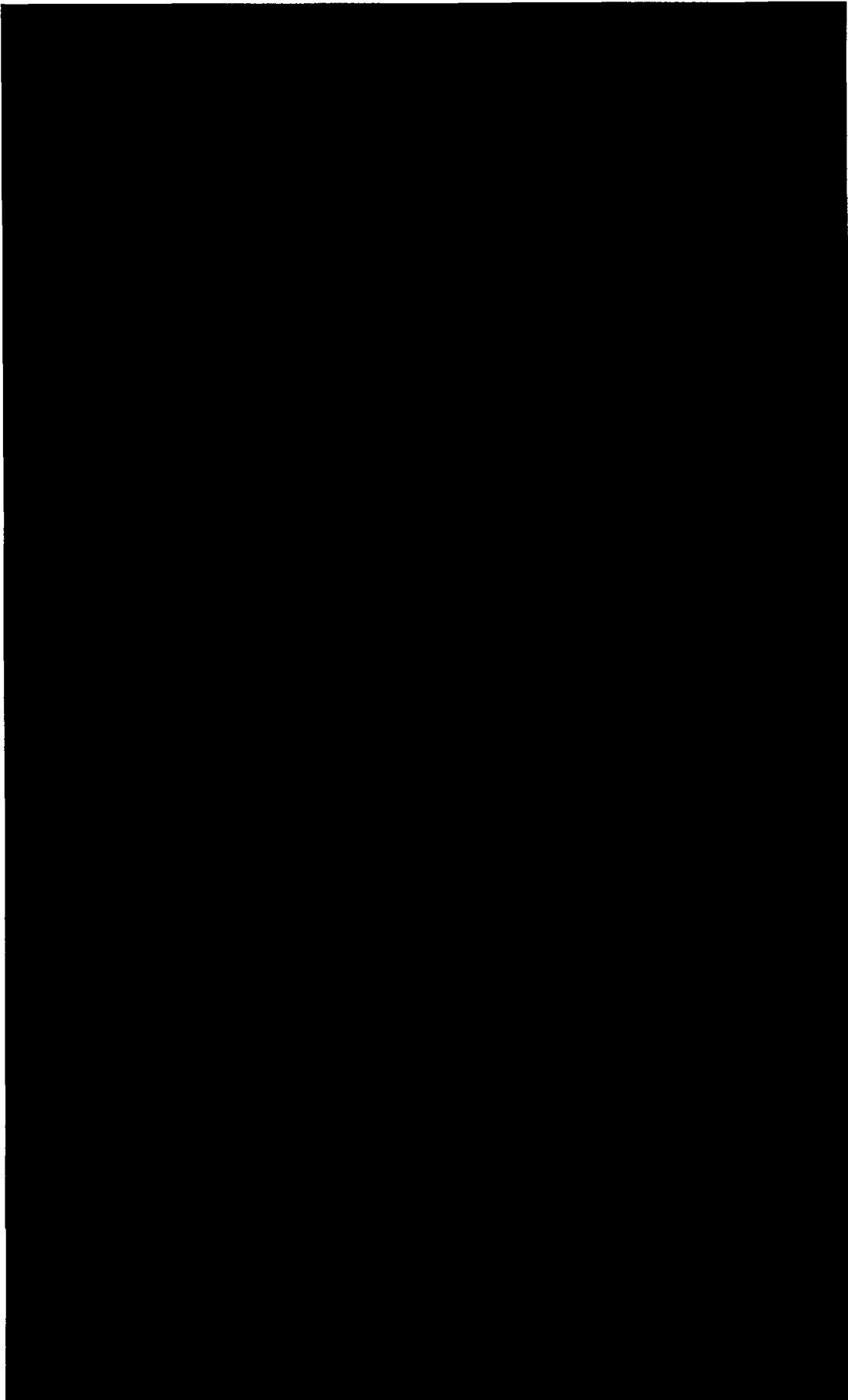
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1 (CONFERENCE CALL INITIATED)

2 OPERATIONS OFFICER: This is the operations
3 officer. The Chairman is joining the conference.

4 MR. DORMAN: Thank you.

5 MALE PARTICIPANT: Okay, thank you.

6 MALE PARTICIPANT: Good morning, Chairman.

7 OPERATIONS OFFICER: I think that might
8 have been the Ops Officer on the conference.

9 MALE PARTICIPANT: Okay.

10 OPERATIONS OFFICER: Good morning, he
11 should be on shortly.

12 MR. DORMAN: Okay.

13 MALE PARTICIPANT: Okay, we're going to
14 put you on 'mute' for now.

15 OPERATIONS OFFICER: The Chairman will be
16 joining the conference momentarily.

17 MR. DORMAN: Thank you.

18 CHAIRMAN JACZKO: Good morning, everyone.

19 MALE PARTICIPANT: Good morning, Chairman.

20 MR. DORMAN: This is Dan. We've got Scott
21 Morris here. We've got Marty Virgilio and Bill
22 Borchardt and Brian McDermott have joined us, as well
23 as others coming in and out. Eliot Brenner is here.

24 There is not significant change since
25 we've talked a few hours ago. There is no new

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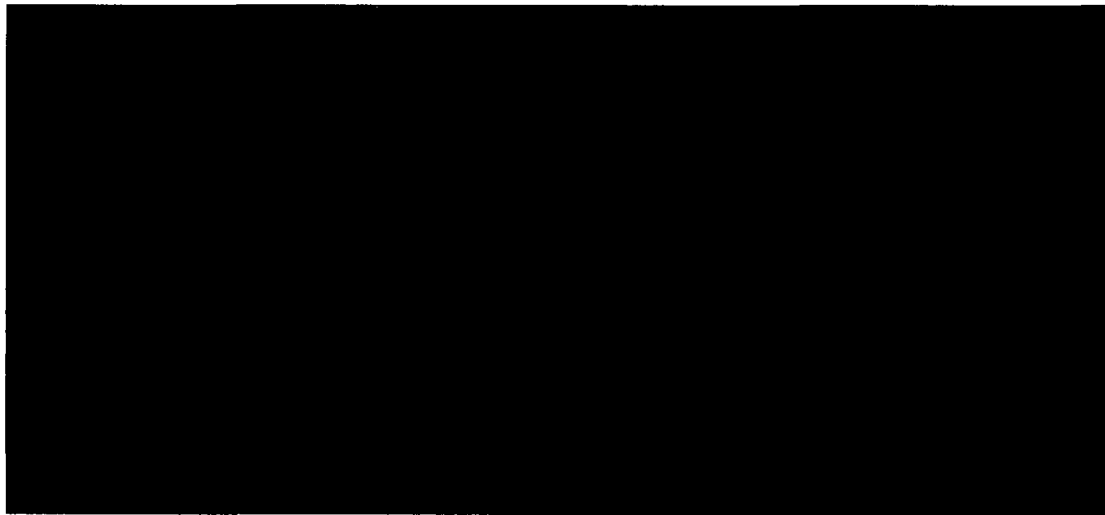
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1 information regarding the status of the core at Unit
2 1, nor the status of cooling to the core, although I
3 think as more time passes, we're taking some comfort
4 in the notion that we're not hearing a lot about, you
5 know, significant releases from the facility, that we
6 would expect to start to hear, if there were
7 significant issues with that core.

8 CHAIRMAN JACZKO: Okay.

9 MR. DORMAN: We also continue to have no
10 additional information on the status of maintaining
11 cooling through the other units at that site.

12 The media are reporting that in
13 conjunction with that nuclear plant explosion, there
14 were four workers injured, who have been transported
15 to hospitals, but no information about the nature or
16 extent of the injuries associated with that.



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24 CHAIRMAN JACZKO: Can you just summarize
25 again for me, what your thoughts are on that?

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1 MR. DORMAN: Yes, our inference from the
2 explosion that we've observed is that the explosion
3 was in the reactor building and represents a
4 significant failure of the containment, primary
5 containment function.

6 We did acknowledge that there are some
7 folks, both within the Ops Center here and out in
8 other agencies, who are looking at that, and seeing a
9 hydrogen explosion the turbine building, but that's
10 not our primary assumption.

11 CHAIRMAN JACZKO: Okay.

12 MR. DORMAN: A steam explosion, excuse me
13 -- yes, a steam explosion for containment, that's
14 correct, and what we thought -- well, one of the
15 reasons that we don't believe it was a hydrogen
16 explosion in the turbine building was we found no
17 indication of flames and similarly, there is no
18 indication, if you look at the later images after the
19 explosion, there is no indication of any kind of
20 sustained fire, smoke, anything of that sort.

21 So, we have put together key talking
22 points for you. We are just finalizing an update for
23 the Q&A's.

24 We have the SITREP that I emailed to you,
25 and the reactor safety and protective measure teams

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1 have put together about a dozen questions that they'd
2 like to ask me, to -- if we get the opportunity to
3 have direct contact with the Japanese.

4 CHAIRMAN JACZKO: Okay.

5 MR. DORMAN: Tony Ulses did catch the
6 flight out to the west coast, which we expect to
7 arrive in Los Angeles, within the hour, and then go
8 onto Japan, arriving there about 9:30 eastern time
9 tonight.

10 CHAIRMAN JACZKO: Okay.

11 MR. DORMAN: Our understanding is that
12 that flight will be arriving somewhere to the north of
13 the affected area.

14 CHAIRMAN JACZKO: Okay.

15 MR. DORMAN: And that the team would then
16 be transported into the release area, from there. So,
17 we're still kind of trying to feel out where Tony is
18 going to fit into that team.

19 CHAIRMAN JACZKO: Okay.

20 MR. DORMAN: Jim Trapp is still standing
21 by to -- we've got him lined up on the 11:00-something
22 flight out of Dulles, to Narita Airport -- to the
23 airport.

24 The Embassy in Tokyo is standing by there,
25 and either getting him connected with the team that

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1 Tony is with, or if that doesn't seem to fit, the
2 Embassy would welcome his technical assistance and
3 advice at the Embassy.

4 So, either way, the Embassy will be
5 helping to get Jim situated.

6 CHAIRMAN JACZKO: Okay, good.

7 MR. DORMAN: We have suggested, through
8 DHS, that EPA begin, if they haven't already,
9 radiation monitoring along the west coast and the
10 Islands, not because we have a safety concern that
11 there would be an impact there, but that we expect to
12 go out a message that we don't expect an impact there,
13 it would be good for public confidence, to have some
14 data that supports that.

15 CHAIRMAN JACZKO: Okay.

16 MR. DORMAN: What other updates?

17 MALE PARTICIPANT: I guess some of the
18 modeling, maybe.

19 MR. DORMAN: Okay, yes, we did -- the PMC
20 did look at a scenario involving 100 percent core
21 damage, along with the containment failure, which as
22 you can imagine, would be a significant event with
23 protective action guidelines well beyond 50 miles.

24 But again, at this point, we do not have
25 an indication that there is anything like that kind of

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1 core damage, but that would be kind of a bounding
2 scenario.

3 There is some -- they did get a chart from
4 the folks at Lawrence Livermore, that appears to have
5 been generated by NOAA.

6 We're not quite sure what the focus and
7 the analysis mode is to that, but it indicates a
8 track, not dose levels, but a track for particles that
9 would show a particle release, that would get out,
10 south of the (inaudible) and then turn to the north,
11 and then depending on the particle sizes, end up
12 across Eastern Russia and Western Alaska.

13 CHAIRMAN JACZKO: Okay.

14 MR. DORMAN: So, we do not expect any kind
15 of significant plume working its way in the direction
16 of the west coast or Hawaii.

17 CHAIRMAN JACZKO: Okay.

18 MR. DORMAN: We are building a plan to
19 staff the ops center, with the current staffing levels
20 and the reactor safety team, and protective measures
21 team, and with -- at least going into the day shift,
22 either augmented staffing for the liaison team, public
23 affairs, to -- and we're mapping out that staffing
24 into -- through the day shift on Tuesday, with the
25 notion that if we do need to get that far and go

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1 farther, than Sunday and Monday, we can evaluate what
2 those needs would be and extend the plan and
3 assessing, if appropriate.

4 CHAIRMAN JACZKO: Okay.

5 MR. DORMAN: Any others?

6 MALE PARTICIPANT: Yes, Chairman, I will
7 just tell you that the press calls are just starting
8 to come in. I just had a call as we were chatting, a
9 request for an interview.

10 For the time being, I think it's best that
11 you stay where you are, while we see what develops
12 with the White House and whether we can hook up with
13 FEMA, for anything they might have cooking.

14 CHAIRMAN JACZKO: Have you reached out to
15 the White House, again?

16 MALE PARTICIPANT: Yes.

17 CHAIRMAN JACZKO: What have they told you?

18 MALE PARTICIPANT: I have not heard back
19 from them yet.

20 CHAIRMAN JACZKO: Okay, if you can
21 continue to try and get some contact there.

22 MALE PARTICIPANT: I will get busy.

23 CHAIRMAN JACZKO: Okay, and I did get just
24 an email, high level, in response to Margie's email,
25 to at least our counterparts at JNAS, and I'll just

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1 reiterate to you, I think an important point, not that
2 I think we've been ignoring this.

3 But they essentially indicated they did
4 not need assistance and were dealing with their
5 issues.

6 So, to the extent that they can do that --
7 you know, so, that we don't bombard them with requests
8 and things like that.

9 MALE PARTICIPANT: Okay.

10 CHAIRMAN JACZKO: The other request too,
11 is that we also consider sending some -- one or more
12 people with technical expertise, perhaps down to the
13 Hill office, so that in the event we do need to engage
14 on any kind of public communications down here, that
15 there are -- there is someone I can take with me, with
16 technical expertise.

17 MR. BORCHARDT: Yes, Chairman, it's Bill.
18 Are you talking in addition to being able to just call
19 back up here?

20 CHAIRMAN JACZKO: Yes.

21 MR. BORCHARDT: Do you want somebody to be
22 able to go to a press conference with you?

23 CHAIRMAN JACZKO: Yes, a physical body.

24 MR. BORCHARDT: Okay, we can certainly
25 look at that. I guess, falling on the weekend, if we

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1 don't have any weather or traffic or anything, you
2 think, you know, the 30 minutes it would take to get
3 downtown would -- is too long, to respond?

4 I mean, the idea is having somebody here
5 who could be -- it's a little easier to stay up to
6 speed, and --

7 MALE PARTICIPANT: Yes, and the --

8 CHAIRMAN JACZKO: Go ahead, sorry.

9 MR. BORCHARDT: Well, I'm just saying, if
10 they're here in the ops center, with tie on, ready to
11 go, but they're -- it's a lot easier to stay up to
12 speed on what's going on, and then just drive
13 downtown, real fast, rather than having to just get
14 updates and get more and more disconnected from being
15 in a remote office.

16 CHAIRMAN JACZKO: Yes, that's fine, then
17 let's just have somebody prepared to go, quickly, and
18 lean very far forward. If it looks like that we're
19 going to have to engage, then let's have somebody come
20 down.

21 I think -- and again, from a practical
22 reality, we don't really have a lot of information.
23 We're not likely going to get a lot of information.

24 So, it will mostly just be so that I have
25 someone helps me with the questions, that we're not

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1 prepared for.

2 MR. BORCHARDT: Okay.

3 [REDACTED]
4 [REDACTED]
5 [REDACTED]
6 So, we're sharing a little bit with them,
7 but obviously, pretty limited.

8 CHAIRMAN JACZKO: Okay.

9 MR. MORRIS: But you know, the inquiries
10 are starting to come in. [REDACTED]

11 [REDACTED]
12 [REDACTED]
13 MR. VIRGILIO: Chairman, this is Marty.
14 Last night, we had to open some lines of communication
15 with INPO, as well as NEI, and they were giving us
16 information that they were receiving from WANO.

17 CHAIRMAN JACZKO: And are we getting --
18 are we getting any communications from the White House
19 about either briefings or meetings?

20 MALE PARTICIPANT: No, we have not.

21 MR. VIRGILIO: No, nothing yet.

22 MALE PARTICIPANT: They've only asked us
23 for information. They haven't said anything about
24 meetings or briefings.

25 CHAIRMAN JACZKO: Okay.

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1 MALE PARTICIPANT: I suspect that they
2 will be doing their morning briefings, based on what
3 we told them, and then those decisions will get made.

4 CHAIRMAN JACZKO: Okay, well, again, let's
5 -- I just want to make sure that we continue to be in
6 the loop, so that mis-information does not get
7 propagated through the Federal family.

8 MR. DORMAN: Yes, sir.

9 CHAIRMAN JACZKO: Okay, all right,
10 anything else, at this point?

11 MALE PARTICIPANT: What do you want to do,
12 or what do we have set up, to keep you informed?
13 We're doing regular briefs with the Chairman, or are
14 they pre-scheduled, or just ad hoc?

15 MR. DORMAN: This one was pre-scheduled.
16 What we had -- what they left us with last night was,
17 any significant break in a positive or negative
18 direction, assuming we had the explosion, we called
19 him up and so, we had some ongoing interaction between
20 four and five o'clock, and then we called in for this.

21 But that's what we've been doing.
22 Chairman, any preference on the next contact,
23 concerning other issues?

24 CHAIRMAN JACZKO: I would suggest every
25 hour, just a call to me, either on this number, which

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1 is my home number, or my BlackBerry, and just with a
2 quick update for any changing information, and then
3 just monitor your emails, as well.

4 I'm trying to deal with email messages.
5 I'll forward them to you, if I need to, and but
6 otherwise, yes, let's just proceed that way.

7 MR. DORMAN: All right.

8 CHAIRMAN JACZKO: At this point, I guess I
9 would take the sense of the group is for me not to
10 come up there, that if we do need to do
11 communications, it's easier for me to be here than to
12 be up in Rockville?

13 MALE PARTICIPANT: Yes, I don't really
14 think there's a whole lot for you to do, and if you
15 need to respond, it's going to be responding to
16 downtown.

17 CHAIRMAN JACZKO: Yes.

18 MALE PARTICIPANT: So, it just prevents a
19 cycle of travel.

20 CHAIRMAN JACZKO: Good, yes, okay, I
21 agree.

22 MALE PARTICIPANT: Okay.

23 CHAIRMAN JACZKO: Okay, anything else?

24 MALE PARTICIPANT: I don't think so.

25 CHAIRMAN JACZKO: Okay, good. Well, I

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1 appreciate it, everybody, and keep up the good work.

2 MALE PARTICIPANT: All right, talk to you
3 later.

4 MR. DORMAN: Okay.

5 CHAIRMAN JACZKO: Thanks, bye.

6 (CONFERENCE CALL CONCLUDED)
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1 (CONFERENCE CALL INITIATED)

2 OPERATIONS OFFICER: The Chairman is
3 joining the conference.

4 CHAIRMAN JACZKO: Hello.

5 MR. VIRGILIO: Good morning, Chairman.
6 This is Marty Virgilio.

7 CHAIRMAN JACZKO: Hello, I'm just going to
8 keep a line on here, just so I can kind of listen in
9 on what's going on there, and I sent a couple of --
10 I'm sending emails in. I just want to make sure that
11 that's an effective way to get a hold of you.

12 MR. VIRGILIO: I will make sure.

13 CHAIRMAN JACZKO: I sent them to Bill, so,
14 should I forward them to you instead?

15 MR. VIRGILIO: Yes, just copy Bill and I,
16 or just send them to me.

17 CHAIRMAN JACZKO: Okay.

18 MR. VIRGILIO: Bill and I took over at
19 three o'clock this afternoon.

20 CHAIRMAN JACZKO: Okay, okay, didn't
21 realize.

22 MR. VIRGILIO: I'm here now.

23 CHAIRMAN JACZKO: Okay.

24 MR. VIRGILIO: So, I can take care of
25 that. We also saw a very confusing message email from

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1 Japan that OIP got.

2 CHAIRMAN JACZKO: Okay.

3 MR. VIRGILIO: Which talked about the same
4 explosion, saying that they still had containment.

5 CHAIRMAN JACZKO: Okay.

6 MR. VIRGILIO: But that the explosion may
7 have been due to hydrogen.

8 So, I think maybe they mean containment as
9 a primary -- the reactor vessel.

10 CHAIRMAN JACZKO: Okay, but secondary
11 containment?

12 MR. VIRGILIO: Yes, versus the containment
13 shell that we normally talk about, when we talk about
14 containment.

15 CHAIRMAN JACZKO: Okay.

16 MR. VIRGILIO: So, it's an email that we
17 got, that's almost unusable, because it's internally
18 and consists of --

19 CHAIRMAN JACZKO: Okay.

20 MR. VIRGILIO: -- highly (inaudible)
21 vocabulary.

22 CHAIRMAN JACZKO: Well, I forwarded you
23 one that I got from DOE, which it may make a little
24 bit more sense, and it indicates that it was result
25 that the after-shock, that they did, in fact, have a

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1 hydrogen explosion in the reactor building.

2 MR. VIRGILIO: Okay, that's a little
3 confused.

4 CHAIRMAN JACZKO: Yes, yes.

5 MR. VIRGILIO: If they would have said
6 turbine building, then I might have been --

7 BILL: Right.

8 MR. VIRGILIO: -- able to make that
9 connection, but what we're seeing, in terms of the
10 footage, looks like the secondary containment.

11 CHAIRMAN JACZKO: Yes, yes.

12 MR. VIRGILIO: But I'm not sure that you
13 would see hydrogen spill in that area.

14 CHAIRMAN JACZKO: In there, right.

15 BILL: And there is no fires lingering in
16 the after-footage, as to what we got on turnover.

17 CHAIRMAN JACZKO: Yes.

18 BILL: So, it looked more like a steam
19 pressure release, as opposed to a hydrogen --

20 CHAIRMAN JACZKO: Ignition?

21 BILL: -- ignition, right.

22 CHAIRMAN JACZKO: Well, Bill, I forwarded
23 that to you and -- that email, and then if you can --
24 the other one I forwarded to is -- there was reference
25 to an eight o'clock call or decision about a noon, I'm

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1 assuming, a Deputy's call.

2 So, if we can just confirm that we're
3 getting information about those things.

4 BILL: I'll check into that, Chairman.

5 CHAIRMAN JACZKO: Okay, great, then I'll
6 just -- I'll keep this as an open line then, here.
7 I'll put you on 'mute' from my end, or I'll put my
8 cell phone on 'mute', but I'll just keep listening in
9 that way.

10 MR. VIRGILIO: Okay, sir, we're ready to
11 join in the Commissioner assistance, for a briefing.

12 CHAIRMAN JACZKO: Okay, great. Thanks.

13 MR. VIRGILIO: Operations officer?

14 OPERATIONS OFFICER: We hear you, sir,
15 we're joining the conferences now.

16 MR. VIRGILIO: Thank you.

17 OPERATIONS OFFICER: Good morning, this is
18 the headquarters operations officer. We will now
19 conduct a roster playback for the Commission's
20 assistance briefing, for the situation in Japan.
21 Stand by until the roster playback is complete.

22 (CONFERENCE PARTICIPANTS: Headquarters
23 Operations Officer, FSME, Brian Smith, Alan Thornhill,
24 Elena Galloway, Randy (inaudible), Gregory Super, A.
25 Cook, Cynthia Peterson, Billy Dixon, Mark Satorius,

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1 Public Affairs, Region III, Mike Snodderly, Greg
2 Warnick, Ed Kaffleman, Mike Franovich, N. Hart, Eric
3 Leeds, Charles Neller)

4 MR. VIRGILIO: Good morning, this is Marty
5 Virgilio, and I just wanted to provide you an update.

6 For those of you who were not on the line
7 at 11:15 p.m. last night, let me just repeat some of
8 what we were -- facts, as we knew them, at that time,
9 and then I'll just bring you up to speed with what we
10 have, since then.

11 As of last night, where we were was, we
12 were focused on the Fukushima Daiichi Units 1 and 2,
13 who had experienced loss of offsite power, were able
14 to start the emergency diesel generators for some
15 period of time, and what we believe to be a loss of
16 fuel supply to the diesels. The diesels shut down,
17 so, they entered a station black-out.

18 As of last night, we were seeing
19 increasing containment pressure, then we were under
20 the understanding that the licensee was doing
21 something controlled venting.

22 At that point in time, we knew that GE had
23 done some reach back to Exelon, and they were asking
24 them to do some scenarios for addressing (inaudible)
25 City.

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1 We also, at that time, started to assemble
2 a Federal support team, to provide the technical
3 assistance and at that point in time last night, we
4 were going to be providing NRC support to that team.

5 We were developing Q's and A's, and we
6 were starting to respond to media inquiries, and had a
7 couple of press releases.

8 So, that's where we left off last night.
9 What's happened since that time, as -- if you've seen
10 the television, you've seen the steam -- is what we
11 believe to be a steam explosion, and that occurred at
12 about 3:46 this morning, our time, and that is -- that
13 affected Unit 1, and we believe that it was the
14 secondary containment building.

15 We believe it was a steam explosion, and
16 not the reactor. So, anything having to do with the
17 reactor, that this is all supposition, just watching
18 the videos and using our best judgment about the
19 design of the plant.

20 We understand from various sources, that
21 they had connected some emergency power and they were
22 doing some make-up and the level was being maintained,
23 but that loss of secondary containment, as you can see
24 from the television video clips, does expose the spent
25 fuel now, to the environment, provides an unfiltered

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1 path and could be providing an unfiltered path from
2 the containment to the environment.

3 We really are -- I would say that our
4 information sources this morning are not much better
5 than what we had last night, and so, we're getting
6 various information from various sources, most of
7 which is either conflicting or supporting the little
8 bit of information that we actually have.

9 Here in the ops center, we continue to
10 develop talking points and Q's and A's, for the
11 Chairman to use. We've established, or are in the
12 process of establishing a watch-build, that will take
13 us out through Tuesday morning, and that will include
14 the reactor safety team, protective measures team and
15 a liaison team.

16 And we're providing updated situation reps
17 to the -- reports to the Department of Homeland
18 Security, and have had some dialog with staff at the
19 White House.

20 I think that pretty much covers what we
21 know today. Let me ask Brian if there is anything
22 else that we have.

23 MR. SMITH: That's about it.

24 MR. VIRGILIO: Okay, that's about where we
25 are. Let me see if we can respond to any questions

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1 that you might have.

2 MALE PARTICIPANT: When do you expect the
3 team to be on -- in Japan?

4 MR. VIRGILIO: I think they were -- Tony
5 Ulises is on the flight with USAID, and their ETA is
6 9:00 p.m. eastern time. That would be an arrival
7 point in -- about 400 kilometers north of the disaster
8 in Japan, and then they would need to transport from
9 there, wherever the team goes from that.

10 But we'll get in touch with Tony, once he
11 gets on the ground.

12 MALE PARTICIPANT: And Jim Trapp is
13 departing for Dulles Airport, now. He has an 11:20
14 flight, direct from Dulles to Narita, and that should
15 touch down approximately 13 hours, subsequently.

16 MALE PARTICIPANT: Thank you.

17 MR. VIRGILIO: Any other questions? Okay,
18 unless there is a significant change in conditions,
19 we'll do the next periodic call at 3:30 this
20 afternoon.

21 MALE PARTICIPANT: Thank you.

22 OPERATIONS OFFICER: This is the
23 headquarters operations officer. Everyone can access
24 the call, using the same method you did for this call.

25 (CONFERENCE CALL CONCLUDED)

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(CONFERENCE CALL INITIATED)

CHAIRMAN JACZKO: Marty?

MR. VIRGILIO: Yes, Chairman.

CHAIRMAN JACZKO: Did you get any updates about the eight o'clock?

MR. VIRGILIO: No, we're checking.


CHAIRMAN JACZKO: Okay.

BILL: Chairman, there is also -- I got one of the emails that you sent, but not the second one.

CHAIRMAN JACZKO: Okay.

BILL: So, if you could resend that to me, that would be helpful. I think something slipped through the cracks.

CHAIRMAN JACZKO: Which one did you --

BILL: Yes, let me make sure that I get it right, here. It's the one about -- I think it's maybe from 

CHAIRMAN JACZKO: Okay.

BILL: -- about being in the (inaudible), that was the title.

CHAIRMAN JACZKO: Okay.

BILL: The other one, I didn't get.

CHAIRMAN JACZKO: Okay, I'll forward it to

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6

1 you. That's the one that has some updated information
2 from the site, or from the Japanese. I'll forward
3 that to you right now.

4 BILL: Okay, thank you.

5 CHAIRMAN JACZKO: Sure.

6 MR. VIRGILIO: This is Marty, Chairman.

7 CHAIRMAN JACZKO: Did Bill get the email?

8 MR. VIRGILIO: I have gotten an email from
9 you.

10 CHAIRMAN JACZKO: Okay, good.

11 MR. VIRGILIO: Thanks, so, we are
12 connected.

13 CHAIRMAN JACZKO: Okay, good, excellent.
14 Thanks.

15 MR. VIRGILIO: Okay.

16 CHAIRMAN JACZKO: And no -- we haven't
17 done anything else about this eight -- so, I'm
18 assuming we weren't informed about this eight o'clock
19 call?

20 MR. VIRGILIO: We're continuing to follow
21 up. They are following up on it, now.

22 CHAIRMAN JACZKO: Okay, good.

23 MR. VIRGILIO: But as of right now, we
24 believe the next Deputy's call is at noon.

25 CHAIRMAN JACZKO: Okay, okay, good.

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MR. VIRGILIO: And what we're trying to find out is if there is some movement to accelerate that schedule and move up that call.

CHAIRMAN JACZKO: Okay, good, thanks.

MR. VIRGILIO: Okay.

(CONFERENCE CALL CONCLUDED)

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(CONFERENCE CALL INITIATED)

MALE PARTICIPANT: Chairman, are you still on the line?

CHAIRMAN JACZKO: Yes.

MALE PARTICIPANT: Okay, Mike?

MIKE: Yes, Chairman, I called out of the White House situation room, to find out if there was a briefing scheduled.

The person I talked to down there said that there had been no briefing scheduled at this point.

CHAIRMAN JACZKO: Okay.

MIKE: There would probably be one later in the day, but at this point, he said there was none scheduled.

CHAIRMAN JACZKO: Okay, okay, great, and we feel comfortable that we're in the loop, if it is scheduled?

MIKE: Yes, I mean, we've been in contact with them tonight on several points. So, I think that they would include us.

CHAIRMAN JACZKO: Okay, good.

MALE PARTICIPANT: Thanks, Mike.

CHAIRMAN JACZKO: Thanks.

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1 (CONFERENCE CALL CONCLUDED)

2 (CONFERENCE CALL INITIATED)

3 OPERATIONS OFFICER: Headquarters
4 Operation Officer, the Chairman will be joining the
5 conference.

6 CHAIRMAN JACZKO: Hello.

7 MALE PARTICIPANT: Yes, Chairman.

8 CHAIRMAN JACZKO: How are you? I think I
9 dropped you on the bridge.

10 Just thinking a little bit ahead, if we --
11 if there is -- now, at this point, there doesn't seem
12 to be any press activity, and given that we may do a
13 noon Deputy's call, so, I'm wondering if you have
14 change in the recommendation for me to stay down here,
15 or whether I need to get up there.

16 MALE PARTICIPANT: Well, the last message
17 that we had received, you know, from the White House,
18 that they -- they couldn't even confirm that there was
19 a noon call, yet.

20 CHAIRMAN JACZKO: Okay.

21 MALE PARTICIPANT: So, we'll continue to
22 pulse that.

23 CHAIRMAN JACZKO: Okay.

24 MALE PARTICIPANT: And let you know. I
25 mean, you're more than welcome to come up. We're just

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1 thinking that you might wind up having to go back down
2 again.

3 CHAIRMAN JACZKO: Yes, well, I'll stay
4 here for a little while. If it looks like there is
5 going to be a noon call, I think it's probably,
6 despite everything, it would be easier for me to get
7 up there, than it is for me to try and figure out a
8 way to do that call, either getting into somebody
9 else's ops center, or somebody else's -- or into the
10 situation room or, it's probably just easier to do it
11 from the NRC.

12 MALE PARTICIPANT: Okay.

13 CHAIRMAN JACZKO: Okay, well, good.
14 Well, keep me posted, if you have any changes in that.

15 MALE PARTICIPANT: Okay, thanks.

16 CHAIRMAN JACZKO: Okay, thanks. Anything
17 else, at this point?

18 MALE PARTICIPANT: No, no new information.

19 CHAIRMAN JACZKO: Okay, thanks.

20 MALE PARTICIPANT: Okay.

21 CHAIRMAN JACZKO: Bye.

22 (CONFERENCE CALL CONCLUDED)

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(CONFERENCE CALL INITIATED)

MR. VIRGILIO: Chairman, this is Marty Virgilio. Are you on the line?

(OTR comments)

OPERATIONS OFFICER: Gentlemen, we have [REDACTED] available, and are transferring him to the bridge, at this time.

[REDACTED] you're on the conference, now.

[REDACTED] Yes, okay, who is this? Who am I speaking with, please?

MR. VIRGILIO: [REDACTED] this is Marty Virgilio, again.

[REDACTED] Okay.

MR. VIRGILIO: I just wanted to -- we've got a number of people in the room with me, Dave Sheen and others that are doing some calculations, or trying to do an assessment of this. I just wanted to make sure he heard this, first hand.

[REDACTED] What I wanted to do, Marty, was reach out to you, as we talked yesterday, and I know Dave -- or excuse me, [REDACTED] followed up.

MR. VIRGILIO: Yes.

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1 [REDACTED] You know, we've been working
2 pretty hard to get some reliable communication links
3 in Japan, and I think we now have that pretty well
4 set, through the WANO Tokyo center and their direct
5 contacts with TEPCO, and with the London Center for
6 WANO.

7 Additionally, EPRI had -- and this is more
8 coincidental than by process, has a -- you know, had a
9 team at TEPCO, and they've also provided, I'll say,
10 more confirmatory information.

11 The second thing that we've done is, and
12 we've had -- we had a conference call last night.
13 We've had another conference call this morning, with
14 the WANO London Center, Atlanta Center, EPRI and NEI,
15 in terms of organizing, you know, any sort of industry
16 response, and just to make you aware that that is
17 ongoing.

18 You know, as we kind of piece together
19 information and get the story, is that we will provide
20 an update for the CNO's and the INPO and EPRI --
21 excuse me, INPO and NEI Board, probably early this
22 afternoon, on what's going on.

23 There has been no request for assistance
24 or anything from either the WANO Tokyo Center or for
25 TEPCO, but you know, we are looking as to what

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1 industry resources might be available, and to you
2 know, just be in a pre-emptive position if, in fact,
3 they are requested.

4 And so, what I really want to do is, the
5 emergency response center at INPO is fully staffed
6 right now, and NEI is staffing their emergency
7 response center.

8 As you might imagine, they're getting
9 quite a few, you know, requests for media engagement
10 and INPO is and EPRI is, but to a much lesser degree,
11 but that's all being funneled through, as you might
12 imagine, NEI.

13 So, what I wanted to do was, you know,
14 just in terms of this, so you know what we know, is to
15 figure out, you know, would there be an appropriate --
16 you know, just kind of piece these together.

17 I'm sure you have your sources of
18 information and how you're learning about the events
19 as they emerge, and you know, just to make sure you
20 have as complete of a story as we do, what we do, as
21 you do.

22 We're kind of reaching out, to see how we
23 might want to move forward on the -- you know, kind of
24 the events, as they transpire, and as you look at any
25 sort of U.S. response, you know how the U.S. industry

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1 could support what you're doing, would be something
2 we'd be of, you know, most interested in.

3 MR. VIRGILIO: Great, great, and through
4 of our Office of International Programs, we've
5 actually reached out to our counterparts in Japan, and
6 they've basically, at this point, told us, "Thanks, we
7 don't need any additional assistance at the moment."

8 There is a U.S. team en route to Japan
9 right now, and we've got -- I don't know if you know
10 Tony Ulses, who is one of our BWR experts, reactor
11 systems expert, is a part of that team, and we're
12 sending Jim Trapp, one of our Region I BWR experts, on
13 a separate plane, on his way to Japan, as well.

14 [REDACTED] I see. This U.S. team, is
15 that going under like the Department of State, or what
16 is the --

17 MR. VIRGILIO: Yes.

18 [REDACTED] What are the auspices of
19 that?

20 MR. VIRGILIO: USAID, Department of State.

21 [REDACTED] I see.

22 MR. VIRGILIO: And that has a very broad,
23 team. You know, I understand there is some 70 people
24 that have been assembled. Nader?

25 MR. MAMISH: It's more disaster oriented

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1 team, as opposed to a nuclear expert team.

2 [REDACTED] Okay, I understand.

3 MR. VIRGILIO: Thanks for that
4 clarification, Nader. I mean, I think that, you know,
5 as far as nuclear plant operations, commercial issues,
6 that the only person on that team, well, there will be
7 two people on the team, eventually, when Jim gets
8 there, it would be Tony and Jim --

9 [REDACTED] I see, and Tony's last name,
10 what did you say it was, Olsen? It cut out there.

11 MR. VIRGILIO: U-L-S-E-S, Ulses.

12 [REDACTED] Ulses?

13 MR. VIRGILIO: Yes.

14 [REDACTED] Very good.

15 MR. VIRGILIO: And DOE has sent one
16 person?

17 MALE PARTICIPANT: One person.

18 MR. VIRGILIO: They're on the team, as
19 well.

20 [REDACTED] Okay. Again, you know, the
21 protocols I'm, you know, not at all familiar with, but
22 I know I've gotten calls from several U.S. CNO's, that
23 have expressed, you know, if there was a need for
24 help, you know, they're certainly ready to help, in
25 any fashion that either you, you know, or the Japanese

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1 might think appropriate.

2 MR. VIRGILIO: Okay, that's very
3 supportive. Thank you.

4 Now, I also heard, and I don't know this
5 first hand, that GE has been involved in this, and
6 they've convened a team to provide technical support
7 to the Japanese.

8 [REDACTED] Yes, I'm going to reach out
9 to them, also. We have heard that, also, that they
10 are doing that, but I don't know the extent of that.

11 MR. VIRGILIO: Yes, Bill, we don't either,
12 but just -- you know, we just picked that information,
13 as we've gone through.

14 MALE PARTICIPANT: I believe they have a
15 team of people on the ground already, doing routine
16 work.

17 MR. VIRGILIO: Okay.

18 MALE PARTICIPANT: They've been
19 mobilizing, also, their resources, because they've
20 gotten 60 to 75 people on the ground.

21 MR. VIRGILIO: Can you hear that, Bill?

22 [REDACTED] I did not hear that.

23 MALE PARTICIPANT: Go ahead.

24 MALE PARTICIPANT: I believe GE, we've
25 been in touch with them throughout the night. They

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1 have a team of people, I believe, in Japan, already,
2 helping with refueling outages, or the other non-
3 affect units that have been in a refueling outage for
4 a while, now.

5 So, we've been in touch with them.
6 They've been working with Exelon, to do some simulator
7 runs, on some different scenarios and so forth, as
8 well.

9 So, GE is active. They've got a team
10 that's actively working on this.

11 [REDACTED] Okay, that's -- I had heard
12 that they were working with Exelon on that. So,
13 that's very good.

14 MALE PARTICIPANT: Yes.

15 [REDACTED] That's very good.

16 MALE PARTICIPANT: We had some conference
17 calls with Exelon and GE last night.

18 [REDACTED] Marty, would it be worth
19 while, you know, we've -- and I'm probably not the
20 right direction, to kind of go through what we see as
21 the current status, but I probably could get our
22 folks.

23 You know, we've just had the briefing from
24 the former Tokyo Center Director in London, go through
25 this status in pretty good detail.

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1 You know, so, that I didn't -- don't
2 garble it, would it be worth while, maybe, for --
3 having one of our people call you and at least, tell
4 you what we know, technically?

5 MR. VIRGILIO: That would be great. We
6 would really appreciate that, because we're getting
7 bits and pieces of information, and some of it
8 supports other information we're received.

9 So, if we could have the call come in to
10 the ops center.

11 MALE PARTICIPANT: Yes, 301-816-5100.

12 [REDACTED] That's 301-816-5100?

13 MALE PARTICIPANT: That's correct.

14 [REDACTED] Okay, maybe I'll give them a
15 call then, in Atlanta, and we'll give you a call back,
16 you know, within the next -- it will probably take us
17 -- we're still getting everything set in Atlanta, but
18 probably within the next hour. Would that be
19 acceptable?

20 MR. VIRGILIO: That would be great, [REDACTED]
21 Who would we be looking for?

22 [REDACTED] [REDACTED]
23 MR. VIRGILIO: Oh, [REDACTED] would call back,
24 great, okay.

25 [REDACTED] And it may not be exactly

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1 him. It's liable to be, you know, a couple of our --
2 we have a couple of TEPCO liaison engineers and you
3 know, in Atlanta, right now, and so, it probably would
4 be a couple of other people, but Rob will be the point
5 of contact.

6 MR. VIRGILIO: That would be good, and
7 then we can share with Rob, what we've picked up via
8 email, which is older, but we've gotten some
9 information from the Chairman of the Japanese Atomic
10 Energy Commission.

11 [REDACTED] Okay, well, that would be
12 very worth while for us, also. So, I'll have Rob give
13 you a call. 6

14 MR. VIRGILIO: Okay.

15 [REDACTED] And he'll call this 301
16 number, and we can kind of go from there. 6

17 MR. VIRGILIO: Thanks a lot, [REDACTED]

18 [REDACTED] Okay, thanks, guys.

19 MR. VIRGILIO: All right, bye.

20 (CONFERENCE CALL CONCLUDED)

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(CONFERENCE CALL INITIATED)

OPERATIONS OFFICER: This is the headquarters operations officer. Can I help?

MR. McDERMOTT: Yes, this is Brian McDermott. We're anticipating in the next hour or so, a call in from INPO, down in Atlanta. It may be [REDACTED] or some other liaison engineers from TEPCO.

They were calling to just share information with us on the events, they know in Japan.

So, I just wanted you to anticipate that call in, and connect them with the executive team, when they do call.

OPERATIONS OFFICER: Okay, sir, what is that last name, again, please?

MR. McDERMOTT: I heard it as [REDACTED] but that may not be -- that's phonetic.

MALE PARTICIPANT: As long as it's INPO.

MR. McDERMOTT: Yes.

OPERATIONS OFFICER: All right, sir. Yes, we understand, gentlemen, and we will announce them, as we did previously, and then transfer them directly to the conference.

MR. McDERMOTT: All right, thank you.

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1 OPERATIONS OFFICER: Okay.

2 (CONFERENCE CALL CONCLUDED)

3

4 (CONFERENCE CALL INITIATED)

5 MR. VIRGILIO: Operations officer?

6 OPERATIONS OFFICER: Yes, sir.

7 MR. VIRGILIO: We'd like to reach out to
8 the Chairman.

9 MALE PARTICIPANT: At his residence. Do
10 you have his number there?

11 OPERATIONS OFFICER: All right, I
12 understand, call the Chairman at his residence.

13 Headquarters operations officer. The
14 Chairman should be joining the bridge, shortly.

15 MR. VIRGILIO: Thank you.

16 CHAIRMAN JACZKO: Hello.

17 MR. VIRGILIO: Chairman, this is Marty
18 Virgilio.

19 CHAIRMAN JACZKO: Hi, Marty.

20 MR. VIRGILIO: John Bryan, we're all here.

21 What we have just found out, that the Deputy's
22 meeting is now at 11 o'clock this morning.

23 CHAIRMAN JACZKO: Okay.

24 MR. VIRGILIO: It will be in the White
25 House situation room.

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1 CHAIRMAN JACZKO: Okay.

2 MR. VIRGILIO: And we're working all the
3 paperwork, to get you clear to go through for that
4 meeting.

5 CHAIRMAN JACZKO: Okay.

6 MR. VIRGILIO: I guess the question was,
7 how can we support you for that?

8 We were thinking about putting together an
9 electronic package of information, including our
10 latest questions and answers, and background
11 information, and sending it to you.

12 I assume you have a printer that you could
13 print that off at home.

14 CHAIRMAN JACZKO: It's probably easier if
15 somebody can get me a hard copy.

16 MR. VIRGILIO: Okay, okay, we can do that.

17 CHAIRMAN JACZKO: So, if we can get a hard
18 copy to my residence.

19 MR. VIRGILIO: Okay, now, the question is,
20 do you want somebody to accompany you to this meeting?

21 CHAIRMAN JACZKO: Yes, we should be able
22 to have at least one person. So, whomever you think
23 is the best.

24 MR. VIRGILIO: All right, we were thinking
25 about a reactor safety team leader.

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1 CHAIRMAN JACZKO: Okay.

2 MR. VIRGILIO: And we will get Dave loaded
3 up with the information and I guess, we'll get him to
4 your house.

5 CHAIRMAN JACZKO: Okay, good, or if we --
6 we'll have someone -- you can also just meet me at the
7 White House, with -- and I'll just meet there, and if
8 they have all the materials, then that would be the
9 best.

10 MR. VIRGILIO: Maybe that would be best.

11 CHAIRMAN JACZKO: Okay.

12 MR. VIRGILIO: And we would have Dave then
13 meet you there. We'll also make sure you that you
14 reach out -- you each have each other's cell phone
15 numbers.

16 CHAIRMAN JACZKO: Okay, good.

17 MR. VIRGILIO: So, that you can connect.

18 CHAIRMAN JACZKO: Okay, good, and if you
19 can still send it to me electronically, so, I can go
20 through it before then, that would be great.

21 MR. VIRGILIO: Okay, we're scanning
22 everything in, now, all right?

23 CHAIRMAN JACZKO: Okay, good.

24 MR. VIRGILIO: Do you have anything?

25 MALE PARTICIPANT: No, I think that's

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1 about it. I've chatted with Josh about it.

2 CHAIRMAN JACZKO: Okay, that's good.
3 Anymore updates, at this point?

4 MR. VIRGILIO: No, nothing definitive. I
5 just got off the phone -- we got off the phone will
6 [REDACTED] at INPO. They've manned up their
7 operations center, and they're -- you know, they've
8 gotten multiple offers from the nuclear industry, here
9 in the United States, for support.

10 They're connected through WANO, both in
11 Tokyo and WANO in London, and they're hearing roughly
12 the same things that we're hearing, about core
13 uncovering, some amount of fuel damage, some iodine
14 cesium being detected.

15 The explosion, people are now sort of
16 gravitating to a theory that this was a hydrogen
17 explosion in the off-gas system, or in the reactor
18 building.

19 CHAIRMAN JACZKO: Okay.

20 MR. VIRGILIO: And let's see, what we had
21 heard, I think you saw the same emails I saw, about
22 using fire trucks to provide cooling water.

23 CHAIRMAN JACZKO: Yes.

24 MR. VIRGILIO: I think unofficial sources
25 are telling us that other suppression pools are

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1 heating up and starting to boil, as well.

2 CHAIRMAN JACZKO: Okay.

3 MR. VIRGILIO: So, that's about where we
4 are.

5 CHAIRMAN JACZKO: Okay.

6 MR. VIRGILIO: INPO is going to give us a
7 call back, within an hour or so, and give us all the
8 technical details they have been able to pick up via
9 WANO.

10 CHAIRMAN JACZKO: Okay, good, if you get
11 any updates, if you can either send that to me
12 electronically, or have that with Dave.

13 MR. VIRGILIO: Okay, we will.

14 CHAIRMAN JACZKO: Okay, and any updates on
15 our two people who are in transit?

16 MR. VIRGILIO: We've heard from Tony, who
17 is in LAX, they were loading up the airplane, maybe a
18 half-hour ago, or so.

19 CHAIRMAN JACZKO: Okay.

20 MR. VIRGILIO: And Jim's flight was
21 delayed.

22 CHAIRMAN JACZKO: Okay.

23 MR. VIRGILIO: And now, he's a four
24 o'clock departure.

25 CHAIRMAN JACZKO: Okay.

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1 MR. VIRGILIO: So, that's where we are.

2 CHAIRMAN JACZKO: Okay, good. I
3 appreciate it.

4 MR. VIRGILIO: Okay.

5 CHAIRMAN JACZKO: Okay, so, I will plan
6 then on -- if you can give me an email confirmation,
7 when you've got all the details worked out with
8 credentialing, to get into the White House, and then -
9 -

10 MR. VIRGILIO: All right.

11 CHAIRMAN JACZKO: -- I plan to meet there,
12 I actually live probably about 15 minutes away from
13 the White House, or five minutes away, it's very
14 close.

15 MR. VIRGILIO: Right, okay.

16 CHAIRMAN JACZKO: But I would plan to --
17 you can give me the information about which entrance
18 and then, I plan to meet Dave there, probably about
19 10:45 a.m.

20 MALE PARTICIPANT: Okay, yes, sir, I would
21 suggest you try to arrive early, because there will be
22 two check points you'll have to go through, and it's
23 not always the quickest.

24 CHAIRMAN JACZKO: Okay, well, let's plan
25 for 10:30 a.m., then.

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1 MR. VIRGILIO: Okay.

2 CHAIRMAN JACZKO: Okay, good.

3 MR. VIRGILIO: Eliot, do you have
4 something?

5 MR. BRENNER: Yes, I just wanted to check,
6 quickly.

7 We were going update our talking points,
8 and I wanted to be able, with your permission, to
9 mention publically that we have two people assigned to
10 the USAID, to provide any assistance necessary.

11 CHAIRMAN JACZKO: Okay.

12 MR. BRENNER: And use that in our both
13 talking points to a press release and a blog, and I
14 think Becky had a question.

15 BECKY: Yes, I wanted to be able to send
16 that information to all our Congressional staff
17 contacts.

18 CHAIRMAN JACZKO: Yes.

19 BECKY: I'm just making sure that that was
20 okay, that you had reached out to your Deputy's
21 counterparts, and that we have somebody on the -- that
22 we can call people on the team.

23 You know, we're monitoring the situation,
24 in terms of the health effects in Alaska and Hawaii.

25 MR. BRENNER: I'm not sure we want to get

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1 down that road, just yet.

2 MALE PARTICIPANT: I don't think you want
3 to be talking about health effects.

4 MR. BRENNER: Yes.

5 MALE PARTICIPANT: One, we haven't
6 confirmed, there has been some large release from the
7 facility, and the dispersion, certainly between there
8 and U.S. coast, it's just incredible.

9 MR. BRENNER: Right, so, if confirmed that
10 we've talked to the Japanese, that we have people on
11 the team and the ability to talk to the Hill, and tell
12 them that.

13 CHAIRMAN JACZKO: Yes.

14 MALE PARTICIPANT: Okay, sir.

15 CHAIRMAN JACZKO: For sure, I have no
16 problem with telling that to the Hill. I don't want
17 to be the first person publically, to talk about any
18 teams that are going.

19 So, if AID or someone else has put out
20 information about the teams going, then I'm
21 comfortable indicating we have people on the teams.
22 But if that would be the first person talking about
23 that, then I don't want to get ahead of the rest of
24 the Federal Government.

25 MR. BRENNER: Got you. We'll just say

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1 that we have people prepared to assist, if necessary.

2 CHAIRMAN JACZKO: Perfect.

3 MALE PARTICIPANT: Okay.

4 MALE PARTICIPANT: Mr. Chairman, do you
5 want Josh to meet you there, also?

6 CHAIRMAN JACZKO: No, I don't think so,
7 because we'll probably just have a limited number of
8 people that will be able to get in. So, whoever just
9 -- whoever gets cleared, and it's probably -- if you
10 said Dave, that's probably more important.

11 MALE PARTICIPANT: Do you want us to try
12 to get driver services, if you want to come back?

13 CHAIRMAN JACZKO: Yes, I mean, have them
14 come down in a car, and then if we need to go back to
15 the agency, then we can just go back from there.

16 MALE PARTICIPANT: Okay.

17 CHAIRMAN JACZKO: Or however, if he wants
18 to use his own car, whatever, you can work that out,
19 whatever the best thing is to do.

20 MALE PARTICIPANT: Yes, and then we'll
21 have a hard copy, as well.

22 MALE PARTICIPANT: Yes, we'll send that
23 before you leave.

24 MALE PARTICIPANT: Okay.

25 MR. VIRGILIO: All right, Chairman, we're

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1 just confirming. We're emailing the package that
2 we're putting together, and we'll have a hard copy for
3 you.

4 CHAIRMAN JACZKO: Okay, great.

5 MR. VIRGILIO: All right.

6 CHAIRMAN JACZKO: Thank you very much.

7 MR. VIRGILIO: All right, so, now, we need
8 to get on that driver issue.

9 (CONFERENCE CALL CONCLUDED)

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(CONFERENCE CALL INITIATED)

MR. VIRGILIO: Tony, are you on? Tony
Ulises, are you on the line?

MR. ULSES: Yes, sir, I'm here.

MR. VIRGILIO: Okay, I have forwarded you
an email, just so you're aware of what we were sending
on.

MR. ULSES: Yes, so, I just want to make
sure I understand my role there. Am I suppose to be
embedded with the Government folks, or work directly
with our folks?

MR. VIRGILIO: I would continue to take
your lead from our folks, until directed otherwise.

MR. ULSES: Okay, I thought -- as I said,
there was something in an email that came about, that
I wanted to make sure I had -- I was absolutely clear
in my instructions.

MR. VIRGILIO: Right, thanks for checking
in, Tony, but we've gotten no separate instructions to
have you to report to any other structure, than to the
one that's being established as part of the team.

MR. ULSES: Okay, well, I'll stick with my

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1 original instructions, then, okay?

2 MR. VIRGILIO: All right, what's the
3 status now? Are you -- you're in LAX, right?

4 MR. ULSES: Right, we're still on the
5 ground at LAX. I'm expecting we'll be leaving here
6 pretty soon.

7 MR. VIRGILIO: Okay, and what time then,
8 would you arrive on site, or in Japan?

9 MR. ULSES: I think we're expected to be
10 on the ground in Japan, I think they said about 9:00
11 p.m. local time there. I'm not sure, exactly.

12 MR. VIRGILIO: Okay.

13 MR. ULSES: But that's what I think I read
14 in one of these emails.

15 MR. VIRGILIO: All right, all the best to
16 you. Be safe.

17 MR. ULSES: All right, Marty. All right,
18 thank you.

19 MR. VIRGILIO: All right, bye.

20 (CONFERENCE CALL CONCLUDED)

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(CONFERENCE CALL INITIATED)

OPERATIONS OFFICER: This is the NRC operations officer. I've got [REDACTED] I'm going to send him up to the bridge.

MR. VIRGILIO: All right, hang on, just a second.

OPERATIONS OFFICER: All right, we'll hang on. Let me know, and then I'll send him up.

(OTR comments)

MR. VIRGILIO: Okay.

OPERATIONS OFFICER: Can we send him up?

MR. VIRGILIO: Yes, please do.

OPERATIONS OFFICER: Okay, I'm going to send him to the executive team bride, that has Marty Virgilio and a host of other people.

[REDACTED] Okay, thank you.

MR. VIRGILIO: [REDACTED] this is Marty Virgilio, good morning.

[REDACTED] All right, thank you.

MR. VIRGILIO: Bob, good morning. It's Marty Virgilio.

[REDACTED] Good morning, Marty. I'm

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1 here with [REDACTED] [REDACTED] is our Director of WANO
2 Center, Atlanta and President of Operations at INPO.

3 MR. VIRGILIO: Good morning, [REDACTED]

4 [REDACTED] Good morning, Marty. How are
5 you?

6 MR. VIRGILIO: All right, how are you?

7 [REDACTED] Great.

8 [REDACTED] Marty, I got a call from
9 [REDACTED] to give you a call, and your center, and
10 share the information that we have. So, I'm ready to
11 do that, if you guys are.

12 MR. VIRGILIO: Yes, please.

13 [REDACTED]: Okay, I'll start, a lot of
14 this stuff, you probably know from last night, but
15 what we understand, the main issue is that Unit 1 at
16 Fukushima, they had a station black-out, loss of all
17 AC power offsite and the diesels, too.

18 As a result, they were using isolation
19 condensers, an isolation condenser plan to remove
20 decay heat from the reactor.

21 They reached the heat capacity limit of
22 the suppression pool and as a result, that's what
23 drove containment pressures up, from what we
24 understand, to about 120 pounds is the last psi, if
25 the last information we had from last night.

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1 At that time, dose rates in the control
2 room went up about a factor of 1,000. Our experts
3 believe that's about 15 milli-rem per hour, but that's
4 very unconfirmed, and eight times higher at the site
5 boundary, at that time, which was just barely above
6 zero.

7 Portable electric is at the site. We
8 believe they have batteries that are hooked up to run
9 the DC systems and the isolation condenser. They've
10 requested four emergency diesel generators, and
11 they're on their way.

12 ██████████ Three of them are onsite, but as
13 of six this morning, none of them were hooked in, yet. 6

14 ██████████ Okay, and then as you
15 probably saw on the news, the latest information,
16 there was an explosion at the site, and what we
17 understand, that it was a hydrogen explosion, outside
18 of primary containment, but inside secondary
19 containment.

20 Primary containment remains in tact, and
21 the reactor remains in tact, from our reports.

22 ██████████ They've also successfully vented
23 primary containment. 6

24 ██████████ Yes.

25 ██████████ Reduced the pressures by over 50

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1 percent.

2 [REDACTED] And so, we're not sure if
3 that explosion was related to that venting or not, but
4 we do know it was in the secondary containment.

5 When the explosion took place, we
6 understand that the dose rate at the site boundary
7 increased to 100 MR per hour, and then shortly after
8 that, it dropped to 7 MR per hour.

9 Anything else, [REDACTED]

10 [REDACTED] Yes, we probably ought to
11 mention that they had seen iodine and cesium, which is
12 of course, indicates some fuel melt there, and
13 information we got from TEPCO last night was that, you
14 know, water level continues to drop because they have
15 no make-up capability, and it was about 20 centimeters
16 or three feet or so, below the top of active fuel.

17 That was the report we got this morning,
18 around 6:30 a.m.

19 [REDACTED] That's right.

20 MR. VIRGILIO: We had heard some
21 information, and I don't know how to piece this into
22 what your just told me, that they were doing -- using
23 fire trucks to supply make-up.

24 Have you picked up on anything along those
25 lines?

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1 [REDACTED] Well, I'm not sure of the
2 source, but we got a report that they are in the
3 process of filling containment with borated sea water,
4 and I'm not sure if they're using fire pumps to do
5 that, or not.

6 MR. VIRGILIO: Okay.

7 [REDACTED] Okay, that's all the
8 information we have on Unit 1.

9 We have some sketchier information on the
10 other units, but let's finish up. Any other questions
11 on Unit 1?

12 MR. VIRGILIO: No, and let me ask the
13 folks around the table. Have we heard anything more,
14 to add to the story on Unit 1?

15 MALE PARTICIPANT: Not as far as beyond
16 that borated sea water, but are they still above their
17 capacity limit, in the containment, do we know that?

18 [REDACTED] They're below design pressure,
19 but it's still elevated.

20 MALE PARTICIPANT: Okay, all right, thank
21 you.

22 [REDACTED] The condenser, the suppression
23 pool there, you know, at saturation temperature, now.

24 So, they're having to deal with that
25 problem, as well.

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1 [REDACTED] Yes, we had no report that
2 they were able to lower suppression pool temperature.

3 MALE PARTICIPANT: But they are
4 maintaining below design pressure at this time, that
5 we think?

6 [REDACTED] Yes, that's Tokyo Center.

7 MR. VIRGILIO: Okay, so, it doesn't appear
8 that we've got anything that we could add to the story,
9 all right.

10 [REDACTED] Just so you know, we have
11 some contacts that are in communication with TEPCO,
12 both from EPRI and we have a liaison engineer here,
13 that has some contacts.

14 So, we'll keep talking to you and keep you
15 informed.

16 There is conference calls we're having
17 with NEI and EPRI and the broader industry executives,
18 Chief Nuclear Officers, and also, the INPO Board of
19 Directors and the NEI Board of Directors.

20 So, there is communication and how we can
21 support and what it means for the United States, those
22 conversations are taking place.

23 MR. VIRGILIO: Okay, good. Yes, we're
24 developing all the background information. Eliot
25 Brenner has been interacting with some of the media,

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1 and the Chairman has been engaged, downtown in this,
2 going back down again for another meeting, in about 45
3 minutes.

4 [REDACTED] [REDACTED] Okay, and all our
5 communication wit the media is going through NEI,
6 obviously.

7 MR. VIRGILIO: Yes, I talked to Tony
8 Pietrangelo this morning, and he had passed that on,
9 and Eliot just walked in the room and so, he is aware
10 of that, too.

11 [REDACTED] Okay.

12 MR. VIRGILIO: We're trying to keep all of
13 our information coming out of Public Affairs, here at
14 headquarters, and each of our releases is being
15 coordinated with the Chairman, so, he is well aware,
16 too.

17 [REDACTED] All right, very good. We've
18 activated our emergency plan here at INPO, and NEI has
19 also, and [REDACTED] and I are at the office, if you
20 have any questions or need anything, you can call
21 either one of us directly.

22 [REDACTED] We have video capability. I
23 don't know if you guys have that, or want to exchange
24 that information or not.

25 MR. VIRGILIO: We've got video

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1 conferencing, as well. I'm not sure how well it works
2 in this room, but we're probably just as well off to
3 use this phone. It's probably the best way to create
4 information.

5 We've manned our operations center. We're
6 running 24 hours, eight-hour shifts, so, at least up
7 through Monday, right now, maybe deeper into the week,
8 as things progress.

9 Did you have any additional information,
10 with respect to Unit 2?

11 [REDACTED] Unit 3 has reached cold shut
12 down, so, that's good news. Unit 2 has still not
13 reached cold shut down, and its suppression pool has
14 reached saturation temperature, as well. They're in
15 the curve for that, and are working to try, you know,
16 reduce the temperature there.

17 [REDACTED] And we understand Unit 2 has
18 a (inaudible) system versus the isolation condenser.
19 So, they might be in a little better shape up
20 capability.

21 MALE PARTICIPANT: How are they cooling
22 the suppression pool?

23 MR. VIRGILIO: The question was how are
24 they cooling the suppression pool? Do they know?

25 [REDACTED] No.

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1 [REDACTED] No, we don't know. I think,
2 you know, they don't have the emergency power, so, we
3 would suspect suppression pool cooling is why -- they
4 don't have it, and that's why the temperature is high.

5 MR. VIRGILIO: I'm sorry, could you repeat
6 that? I lost it.

7 [REDACTED] We have no information,
8 Marty, that they are cooling the suppression, and Dave
9 elaborated that.

10 We also understand there is no AC power.
11 So, unless they've figured out some other means, it
12 would be difficult to establish cooling.

13 MR. VIRGILIO: Right, okay, good. Any
14 other questions? Thank you. Thank you very much for
15 the information. We really appreciate it.

16 [REDACTED] No problem. All right, take
17 care. We'll be in touch.

18 MR. VIRGILIO: All right, thanks.

19 (CONFERENCE CALL CONCLUDED)
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(CONFERENCE CALL INITIATED)

OPERATIONS OFFICER: Mr. Virgilio, the
Chairman will be entering the conference.

MR. VIRGILIO: All right.

OPERATIONS OFFICER: Chairman Jaczko,
you're on the line.

MR. VIRGILIO: Chairman?

CHAIRMAN JACZKO: Yes.

MR. VIRGILIO: Marty, here.

CHAIRMAN JACZKO: Hi, Marty. One question
I just wanted to follow up, before I go over to -- or
I'm on my way right now, but before I get into the
White House, is what is the status of the scenarios
that we were running? Did we complete that work?

MR. VIRGILIO: I had asked, when I came in
this morning, and we had run some scenarios, and we
were showing that it depends on your assumptions, of
course.

CHAIRMAN JACZKO: Okay.

MR. VIRGILIO: But if you assume a
severely damaged core, you could go well -- you could

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1 go beyond the PAGES at 50 miles.

2 CHAIRMAN JACZKO: Okay.

3 MALE PARTICIPANT: That was with no
4 containment.

5 MR. VIRGILIO: Right.

6 CHAIRMAN JACZKO: Okay.

7 MR. VIRGILIO: But if that works, I guess
8 we could calculate last night.

9 CHAIRMAN JACZKO: Okay.

10 MALE PARTICIPANT: And what we have been
11 saying since -- and I'm not sure when we caught up
12 with you last, Chairman, but it's more and more
13 looking like there was a hydrogen event in the
14 secondary containment, and that indications are that
15 the primary system and the primary containment, for
16 both spill and (inaudible).

17 CHAIRMAN JACZKO: Okay.

18 MALE PARTICIPANT: That's the best we
19 have, right now.

20 CHAIRMAN JACZKO: Okay.

21 MR. VIRGILIO: Just to add to that, we're
22 also hearing, through WANO/INPO connection, that there
23 is iodine and cesium detected. So, it means that they
24 did suffer some core damage.

25 CHAIRMAN JACZKO: Okay.

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1 MR. VIRGILIO: And that the water level is
2 below the top of the active fuel.

3 They had requested some additional
4 electrical support. They were delivered three out of
5 four requested emergency diesel generators, but per
6 INPO, the generators had still not yet been connected.

7 CHAIRMAN JACZKO: Okay.

8 MR. VIRGILIO: At the time that they had
9 that hydrogen explosion, what they were seeing is
10 readings on the order of 100 milli-rem per hour, at
11 the fence post, and we've -- Nader has just picked up
12 that, through the Japanese, our Japanese equivalents,
13 they're saying that now the dose at the site boundary
14 is 50 milli-rem per hour.

15 CHAIRMAN JACZKO: Okay, so, it would
16 appear to be decreasing?

17 MR. VIRGILIO: Yes, and that would make
18 sense.

19 CHAIRMAN JACZKO: And just to close the
20 loop on the models that were run, did we provide that
21 data? Does someone have that data then, if somebody
22 wants to see those results?

23 MR. VIRGILIO: I don't think so.

24 MALE PARTICIPANT: They're just using
25 what's (inaudible).

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1 MR. VIRGILIO: Yes, and it's --

2 MALE PARTICIPANT: No, we did not include
3 that in the briefing package, sir, that was kind of a
4 very speculative and -- but it's basically taking the
5 inventory of a core, which is huge.

6 CHAIRMAN JACZKO: , Right, now, if you can
7 just help me, just again, just to understand the
8 bounding.

9 So, it's approximately 50 miles. Is that
10 the extent of how far we modeled out, or is that
11 basically, the extent to which we would see TAGS being
12 relevant?

13 MR. VIRGILIO: I think that would be
14 extent to which we modeled.

15 CHAIRMAN JACZKO: Okay, so, at that point,
16 it's from there, another 50 miles? Another five
17 miles? Another 10 miles? Do you have a sense?

18 MR. VIRGILIO: No, sir, I wouldn't -- I
19 don't have a value for that.

20 CHAIRMAN JACZKO: Okay.

21 MALE PARTICIPANT: Perhaps, we can try.

22 MR. VIRGILIO: Yes, the protective
23 measures team.

24 CHAIRMAN JACZKO: Okay, yes, if you can
25 just --

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1 MALE PARTICIPANT: Yes, by the time you
2 got to Hawaii --

3 MALE PARTICIPANT: Yes, it's 3,000 miles.

4 MALE PARTICIPANT: Three-thousand miles,
5 it gets dispersed.

6 CHAIRMAN JACZKO: Yes, okay. Okay, good.
7 Okay, good, well, then if we -- we did that work with
8 DOE, so, DOE presumably, has the results, also?

9 MR. VIRGILIO: I thought we did it on our
10 own, using the calculations and the tools we have
11 here.

12 MALE PARTICIPANT: I heard they were
13 talking to IMAC, though.

14 MR. VIRGILIO: Okay, so, all right, good.

15 MALE PARTICIPANT: So, we'll follow up.

16 CHAIRMAN JACZKO: Okay, so, it should be
17 somewhere within the Federal family?

18 MR. VIRGILIO: Yes, sir.

19 MALE PARTICIPANT: Yes.

20 CHAIRMAN JACZKO: Okay, and we did it 10
21 percent and at 40 percent release, as well? Did those
22 complete?

23 MALE PARTICIPANT: Those were 10 percent
24 gas release with filtering, 10 percent gas release
25 without filtering, and --

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1 MR. VIRGILIO: Speak up.

2 MALE PARTICIPANT: Hi, Chairman. My
3 memory from last night is they modeled three things in
4 the PMP, a 10 percent release with filtering, a 10
5 percent release without filtering, and 40 or 50
6 percent, and I'm not sure what that was. We'll check
7 and get back to you.

8 CHAIRMAN JACZKO: Okay, and just let me
9 know if they're complete. That's mostly what I'm
10 interested in, right now.

11 MALE PARTICIPANT: We'll check on that
12 now.

13 CHAIRMAN JACZKO: Okay, if you could just
14 shoot me a quick email in the next 15 minutes about
15 the status of those.

16 MR. VIRGILIO: We'll do that, sir.

17 MALE PARTICIPANT: Yes.

18 CHAIRMAN JACZKO: Okay, good. Thank you
19 very much.

20 MR. VIRGILIO: All right, Chairman.

21 CHAIRMAN JACZKO: Bye.

22 (CONFERENCE CALL CONCLUDED)

23

24

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(CONFERENCE CALL INITIATED)

OPERATIONS OFFICER: This is headquarters operations officer. Do you want me to 'unmute' the links, so you can begin the brief?

MR. McDERMOTT: Yes, it's Brian McDermott.

Go ahead.

Okay, good afternoon, everybody. This is Brian McDermott.

(CONFERENCE PARTICIPANTS: Headquarters Operations Officer, Chris Kennedy, Bill Sheane, Kathy Haney, Barbara Dusack, Dave Lui, Roy Zimmerman, Ken Hart, Michael Johnson, S. Evans, Bill Dean, Mark Satorius, B. Howell, Linda Howell, Tom Boyce, Charles Neller, Dave Burns, Eric Leeds)

MR. McDERMOTT: Okay, this is Brian McDermott. I'd like to thank everybody for joining us, for the update today. This is an update on the ongoing event in Japan.

NRC remains in monitoring mode, and as such, we thought it would be important to update the

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1 office directors and others from the various program
2 offices in the regions, as to what we know about the
3 situation and what NRC, as well as the Federal
4 Government, is doing, in response to the event.

5 If you've seen the media coverage from
6 over the evening, the most significant development is
7 shown pretty vividly on some of the video. There was,
8 at the Unit 1 reactor, an explosion of some time, that
9 took off the core (inaudible) metal siding on the
10 refueling floor level.

11 They're reporting that we're seeing, as
12 confirmed by emails from a variety of different
13 sources, seem to indicate that the explosion took
14 place in the secondary containment and that the
15 primary containment, as well as the reactor coolant
16 system remain in tact.

17 There is speculation that perhaps, it was
18 some type of hydrogen detonation, although we do not
19 have any confirmation for this, at this point.

20 The Japanese authorities, obviously, are
21 working hard to try to resolve the situation. We do
22 know that overnight, that they were venting the
23 primary containment. That was in advance of the
24 explosion that you're seeing on the media.

25 We understand that they were successful in

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1 venting Unit 1 containment and reducing pressure by
2 approximately half.

3 We do know that there is -- the main issue
4 or the challenge at the site is a lack of AC power.
5 There have been some generators delivered to the site,
6 but we've not received any messaging, to indicate that
7 those have actually been connected.

8 We know they are doing some things to
9 continue to supply DC power, and there was some
10 information about them trying to get air compressor
11 going, to operate, apparently some air operated
12 valves.

13 But again, the information is very
14 sketchy. We're getting information primarily from a
15 TEPCO, from the company website.

16 In terms of the regulator, we understand
17 they're busy and as a general approach, we're trying
18 to be respectful of their developed nuclear program
19 and their capability to respond.

20 We have reached out and offered U.S.
21 assistance directly with the regulator, and at this
22 point, they are saying that they don't need U.S.
23 assistance.

24 Separately, the U.S. Government, on a
25 broader scale, is looking at support to Japan and

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1 through USAID and the State Department, there has been
2 an organization of a team to deploy to Japan, and we
3 have one technical staff that has accompanied that
4 initial flight out by a Military transport.

5 We have another staff member who is in the
6 process of trying to get on a commercial flight to
7 Japan, to provide support either to the team or
8 directly to the U.S. Embassy.

9 I should mention that the team is
10 primarily looking at the disaster as a whole. So, if
11 there -- I think we heard numbers up in the 70's, in
12 terms of the number of people on that initial team
13 going over, with USAID, and we have one person there,
14 just to serve as a technical expert, should that need
15 arise.

16 We understand there is also one individual
17 on there from the Department of Energy.

18 We're continuing to have our staff
19 interact with the other Federal agencies. In terms of
20 staffing, here at headquarters, we have a full liaison
21 team available. We have a partially staffed reactor
22 safety team and protective measures team that have
23 been doing some 'what-ifs' and trying to piece
24 together our understanding of the scenario from the
25 media reports and so forth.

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1 But with this event and just the extreme
2 nature of the damage in Japan, the information is very
3 limited, to press releases from the company. We
4 occasionally get some nugget of information through
5 the IAEA, or State Department channel.

6 We're also getting some information coming
7 through INPO, by way of WANO, and there are parts of
8 the industry that are apparently mustering to offer
9 industry support.

10 At this point, all we've heard in terms of
11 actual things being done, GE is supposedly working
12 with Exelon. They were doing that last night. They
13 were running some simulator scenarios for the Dresden
14 unit that was most similar to the affected site, just
15 to provide some information there.

16 But that's about it, in terms of what we
17 know at this time. I'm just kind of looking over the
18 notes, here.

19 We do know that at Unit 1, as of 6:30 a.m.
20 this morning, they -- we understand through one of the
21 WANO contacts, that they were about 20 centimeters
22 below the top of active fuel.

23 So, between that and the fact that they
24 have some confirmation of cesium and iodine outside
25 the facility, that they likely do have core damage.

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1 Rad levels that they were reporting at the
2 site boundary, at an earlier point in time, were up
3 around 100 MR per hour, and now, we understand, are --
4 were decreasing to about seven MR per hour.

5 Again, no confirmation of these numbers.
6 That's just, you know, what we had passed to us
7 through the WANO folks.

8 We did, also in that report, get word from
9 them that they -- the licensee was in the process of
10 filling the containment with borated sea water.

11 That was -- we heard that from WANO and
12 since then, we've been seeing that on some of the
13 media reports, not the borated part, but at least the
14 fact that they were using sea water to flood the
15 containment.

16 The other units, we have very little
17 information on, at this point in time.

18 Yesterday, Unit 2 was -- they kind of went
19 back and forth between which unit was having more
20 trouble.

21 Unit 2 is also an older style BWR. They
22 have a RIK-SEA system. We have not had any good
23 updates on that unit this morning, nor have we had
24 further information on the other Unit 3, which was the
25 other one that was operating at the time of the

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1 earthquake.

2 The three remaining units at this
3 particular site, and just so you hear the name, or at
4 least -- Fukushima Daiichi, is basically the first
5 installation of Fukushima, and they have six units
6 there.

7 At the time of the earthquake, three of
8 those six units are online -- were online, and those
9 are the three I've just been talking about. Units 4,
10 5 and 6 were down for refueling.

11 Fukushima Daiichi, Units 1 through 4 are
12 not a problem at this time. We have not heard
13 recently, about the Onagawa Power Station, which is
14 also in that vicinity. The focus has really been on
15 the Unit 1.

16 There are a couple of workers that were
17 injured at that Unit 1, apparently, around the time of
18 that explosion that you see in the video.

19 We did hear from WANO that Unit 2 was
20 continuing to, you know, work through the station
21 black-out that they're in. The suppression pool, they
22 said was at saturation temperature.

23 So, obviously, you know, that's not a good
24 condition. We have not heard any reports that they
25 have restored any AC power that would enable them to

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1 remove that heat from the containment. So, reactor
2 safety teams continue to follow that.

3 Marty Virgilio actually, was going to
4 provide this brief. He went off to join a call with -
5 - the Chairman is downtown, in person, at a Deputy's
6 Committee meeting with other department agency
7 officials at the White House.

8 Marty was sitting in on that by video
9 conference, and I take it that ran long, since he did
10 not return for this call.

11 Okay, the third unit is in cold shut down,
12 okay. So, Unit 1 and Unit 2 are the (inaudible) right
13 now.

14 Okay, at this point, I've kind of given
15 you all a bunch of information. Hopefully, you've had
16 some insights.

17 We are working up questions and answers,
18 focused on the U.S. situation. Everybody knows by now
19 that the tsunami didn't have any significant effect on
20 the U.S.

21 These questions and answers are more about
22 the ability of our facilities to withstand earthquakes
23 and those type of issues.

24 There are also talking points that Public
25 Affairs have put together for the Chairman. At this

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1 point, we're prepared to answer questions and I think,
2 Public Affairs has got the lion's share of that.

3 They've been dealing with -- we're trying
4 to keep things focused. So, in terms of inquiries
5 that come into the agency, and external
6 communications, we want to keep that focused on public
7 affairs.

8 We have our liaison team here at
9 headquarters, to provide a central focus for
10 interactions with the other departments and agencies,
11 things that may come up or other inquiries we get from
12 partners and so forth, we'd like them channeled
13 through the headquarters operations officer, to either
14 that liaison team or Public Affairs.

15 MALE PARTICIPANT: Does that include the
16 States, Brian?

17 MR. McDERMOTT: Yes, the States would go
18 to liaison team.

19 MALE PARTICIPANT: Okay.

20 MR. McDERMOTT: And at this point, I've
21 probably talked enough. Am I missing anything around
22 the room here, guys?

23 MALE PARTICIPANT: Can I ask what states
24 have an interest and what their interest is?

25 MR. COLLINS: This is Elmo in Region IV.

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1 We got an inquire from (inaudible) from the State of
2 Washington, who was wondering what they could expect
3 or what we thought was going on, with respect to
4 radiation releases to the atmosphere, atmospheric
5 monitoring, etcetera.

6 MALE PARTICIPANT: I just got off a
7 conference call with Health and Human Services, ESF8,
8 and USDA and FDA are putting together a team to look
9 at those kinds of scenarios and so forth. So, the
10 answer is probably nothing.

11 MALE PARTICIPANT: Yes, I mean, in terms
12 of the dispersion, at this point, there is no
13 indication of a major release, okay.

14 So, we know there is going to be some rad
15 -- elevated rad levels in the area, you would expect
16 with venting, the primary containment, after
17 uncovering part of the core, that you're going to have
18 some products getting out.

19 But in no way are we seeing anything that
20 would transport all the way to the United States, even
21 to Hawaii. At this point, there is just no
22 information that would indicate that there is anything
23 of that magnitude.

24 In terms of something being potentially
25 detectable down the road, if this were to further

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1 degrade, one of the recommendations that we've
2 provided through DHS was a recommendation that EPA
3 consider, in a proactive way, deploying some
4 monitoring equipment, so that they would be able to
5 provide some hard facts, should the situation get
6 worse.

7 They have deployable monitoring capability
8 in their toolkit.

9 MALE PARTICIPANT: Brian, this is Dave
10 (inaudible). Also, from the states in Region I, so
11 far, Massachusetts and Pennsylvania have been calling
12 in, and there, the general sense is that they were
13 interested in what the NRC was doing, relative to
14 communications publically about this event and
15 providing reassurance of the current nuclear fleet
16 within the U.S.

17 I think we've been passing that through to
18 the Public Affairs Officer, up to that group, but that
19 said, I think we need to be cautious about how forward
20 leaning we are, relative to what we want to say. We
21 can or can't withstand, given the impact on Japan from
22 the tsunami.

23 MR. McDERMOTT: Yes, Dave, and you know,
24 we do have some questions prepared. After the last
25 earthquake in Japan, there was sort of a round of

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1 questions about what can the U.S. sites withstand, and
2 so, we do have some of those answers prepared.

3 One of the things we probably ought to do
4 is get some of those back out to the people that are
5 on this call, so, that's something that we can take as
6 an action, that would be for your information.

7 We still would like to stick with Public
8 Affairs and the liaison team, as a main outward source
9 of communication, but just so you all see what we're
10 speaking to, it's probably a good thing to share that
11 information.

12 You know, one of the conversations we were
13 just having, as the clock rolls around to noon here,
14 eastern time, was that, you know, should we have an
15 opportunity to have some interactions with our
16 Japanese counterparts, what are some of the key pieces
17 of information we would want to understand from them
18 about their facilities, you know, not to interfere
19 with their response basis, obviously.

20 But as we try to formulate our strategies
21 of communication, what is different about the U.S.
22 designs and the Japanese installations?

23 We have very limited information on the
24 specifics of their designs, you know, other than
25 knowing it's a GE3 with a (inaudible), you know, that

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1 kind of stuff.

2 One of the key issues, obviously, given
3 what we saw this morning with secondary containment is
4 taking us back to 1989 generic communication and the
5 whole issue of the harden vent that was installed on
6 the MARK1 containment.

7 So, we do not know if the -- you know, the
8 Japanese regulator required that, or whether it was
9 installed at this facility, but that would -- you
10 know, that might be an important distinction amongst
11 others.

12 We're asking those questions relative to
13 seismic design, as well, but clearly, you know this
14 has exceeded what the regulator, I think, was
15 anticipating during the seismic activity, you know,
16 just given the impact on the facility.

17 MALE PARTICIPANT: Yes, I would just be
18 careful in communicating anything that supposes
19 differences between U.S. and Japan, in terms of, you
20 know, not potentially either embarrassing or somehow,
21 you know, pointing why, you know, their plants or
22 their regulatory authority may be inferior. So, that
23 is a slippery slope to walk on.

24 MR. McDERMOTT: Yes, understand. The
25 other interesting piece for us in this is, you know,

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1 when generic GSI 199 on the frequency of severe
2 seismic events, you know, we've had a communication
3 strategy associated with that. We've got a
4 justification for continued operation, if you will,
5 associated with that for certain facilities.

6 And so, getting the right people in here
7 who worked on that, who are familiar with the
8 messaging we've done, who are familiar with the
9 technical issue, and making sure we're being
10 consistent and accurate, as we deal with this whole
11 topic of seismic, I think is something we're -- well,
12 we are being sensitive to.

13 MR. LEEDS: Hey, Brian, this is Eric
14 Leeds. Quick question.

15 You know, we want to direct people to OPA
16 and to the liaison team. If we get contacted
17 personally, are we going to direct them just to the
18 'who' telephone number, and have them get there
19 through the 'who', or are there other numbers that we
20 should use?

21 MR. McDERMOTT: Yes, through the 'who' is
22 fine, Eric.

23 MR. LEEDS: Okay, thank you.

24 MALE PARTICIPANT: Brian, I just want to
25 please confirm that we're going to have our

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1 Commissioner's assistance briefing at 3:30 eastern
2 standard time today. Is that still true, sir?

3 MR. McDERMOTT: Yes, that is our plan.

4 MALE PARTICIPANT: Okay, folks, please
5 use the same process you used to call this number.
6 Any questions or comments, just call up the ops
7 center. Thank you.

8 MALE PARTICIPANT: Brian, any information
9 coming out from Unit 1, relative to the spent fuel
10 pool, given that there was an explosion in the reactor
11 building?

12 MR. McDERMOTT: No, we've not seen
13 anything on that. We had some unconfirmed reports of
14 boiling in some of the other pools, but I didn't even
15 hear that in the context of which unit.

16 MALE PARTICIPANT: Thanks.

17 MR. COLLINS: Hey, Brian, this is Elmo.
18 With respect to the Q's and A's on the seismic, we
19 have a specific issue at Diablo Canyon with a newly
20 discovered fault that we've been working for a year
21 and a half or so, and the communication plan, I just
22 want to -- I believe that OPA has that information.
23 If they don't, we can get it up there to them.

24 MR. McDERMOTT: Okay, well, we'll talk to
25 OPA and make sure that we're on the same page,

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1 relative to that, Elmo. Thanks.

2 MR. JOHNSON: Hey, Brian. Mike Johnson.
3 This has been very helpful and I'm just wondering, I
4 know that a bunch of NRC employees who are trying to
5 figure out what is going on, and they'll also have
6 communications.

7 I wonder -- and I've been watching, I know
8 we've given some updates, there have been press
9 releases that have been published. I wonder if it
10 wouldn't be worth while to get a message out to the
11 staff on our web page that says, "Hey, if you get
12 questions, don't try to take this on, on your own.
13 Just direct people to OPA," or sort of the same
14 message that you've given us, which I think is very
15 helpful, about how we communicate about this.

16 MR. McDERMOTT: Yes, thanks, Mike. We did
17 that yesterday and I think this morning, we initiated
18 efforts to put out another all-staff email.

19 I don't know if it's gone out, yet, but
20 we'll check on that. But the web page is also another
21 way, our internal web page is another way to get that
22 message out. So, we'll take that back. Thank you.

23 MR. JOHNSON: Thank you. That's very
24 helpful, thanks.

25 MALE PARTICIPANT: Yes, I would assume

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1 we're doing things with the external web page, as
2 well?

3 MR. BRENNER: Hey, it's Eliot. Yes, we're
4 pressing in the news releases, when we have something
5 that at least minimally advances the ball a little
6 bit, as far as the agency is concerned, and I'm
7 running a blog and putting up some schematics and
8 stuff like that.

9 MALE PARTICIPANT: Okay, thanks, Eliot.

10 VICTOR: Brian, this is Victor. I
11 forwarded an email I got from the CNO in Region II
12 about our one o'clock 1500 NEI and SAID -- NEI Board
13 of Directors phone call, and he invited me to
14 participate.

15 I forwarded that to you -- to Marty, to
16 make sure that he would reach out to either Mark
17 (inaudible) or Tony Pietrangelo, to make sure that it
18 was appropriate that we be on the call.

19 Do you know if he was able to do that
20 before he left for downtown?

21 MR. McDERMOTT: No, actually, Marty just
22 walked back into the room, and I'm just handing him
23 your email, Vic.

24 VICTOR: Okay.

25 MALE PARTICIPANT: Eliot and I spoke about

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1 it, as I was leaving the room.

2 MALE PARTICIPANT: And I spoke with Scott
3 Peterson. I did not get an invite for Public Affairs
4 to be on their call.

5 MALE PARTICIPANT: {interference} --
6 couple of hours ago, I'd gotten a call from Jim, who
7 invited either me or you, but suggested that we reach
8 out to either Mark or Tony before dialing in.

9 MALE PARTICIPANT: I am staying in touch
10 with Scott Peterson, my counterpart. But I was not
11 invited to go onto a call.

12 MR. SHARON: This is Brian Sharon. Quick
13 question, well, not question, but I've gotten a couple
14 of emails here today, from some of the National Labs,
15 and they're all -- there are a couple of them chomping
16 a the bit, you know, saying, "Ghee, can we help?
17 Ghee, can we go calculate this," with the codes and
18 all that stuff.

19 I keep telling them, "No, you don't know
20 the scenario," but you know, somebody might want to
21 call DOE and tell them to tell their labs to cool it,
22 because the last thing we want is the labs going off,
23 talking to the press, talking about consequences and
24 all sorts of other stuff, because you know, they're
25 chomping at the bit, to do something, and I'm not

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1 sure, Eliot, maybe you've got a point of contact up
2 there at DOE?

3 MR. BRENNER: I'll send a note to their
4 Press Secretary, asking him, through his chain, to
5 reach out, down to the labs and tell them to back off.

6 If we've got other chains, we might as well --

7 MALE PARTICIPANT: If I could chime in on
8 that? On the Deputy's call yesterday, I was on with
9 the Chairman, and Pete Lyons was one of the principals
10 at DOE. Lyons may be a good source to contact at DOE.

11 MR. JOHNSON: This is Mike Johnson. My
12 other thought was, it may be just to cut to the chase,
13 just to pass the same, to call the lab directors and
14 say, "Knock it off," or whatever messages we want to
15 get to them.

16 There are a number of ways we can do this.
17 So, I agree, Brian, we've got to do it soon.

18 MR. McDERMOTT: Okay, we'll take that
19 action from headquarters. Other thoughts or
20 questions?

21 MALE PARTICIPANT: Maybe I was talking to
22 somebody else or just talking at the same time, so, I
23 don't know if I got through, but Pete Lyons was on the
24 Deputy's call yesterday that I was on with the
25 Chairman. Lyons has got a large role to play at DOE

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1 on this. He may be a good one, also, besides the lab
2 directors.

3 MR. McDERMOTT: Yes, we copied that, and
4 we've been actually forwarding him the updates. We're
5 in touch with him and we'll follow up.

6 MALE PARTICIPANT: Thank you.

7 VICTOR: Yes, Brian, this is Vic, once
8 again. I didn't get closure from Marty, on how he
9 wants to go forward on the NEI call.

10 MR. McDERMOTT: I think he's still
11 considering that.

12 VICTOR: Okay.

13 MR. McDERMOTT: Can we get back to you,
14 Vic?

15 VICTOR: Sure, no problem.

16 MR. McDERMOTT: Okay.

17 MALE PARTICIPANT: Directing from the
18 call?

19 MR. McDERMOTT: I've got a whole list that
20 I think we ought to discuss, and then we'll get back
21 out to the stakeholders.

22 MALE PARTICIPANT: Okay.

23 MR. McDERMOTT: There is one other nugget
24 of information, people might know people.

25 There were 40 individuals from GE that were

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1 actually asked, at this facility, taking part in the
2 refueling of the three units.

3 We understand that out of the 40 people,
4 four were contaminated, but the State Department and
5 GE are working to pull them back to Tokyo and to get
6 them whatever assistance they need to get back to the
7 States.

8 Okay, that's all we have at this point.
9 We will try to get some more information out to you
10 all. We'll share the Q and A's, and the talking
11 points, just for awareness.

12 But again, let's use the focus points
13 through the ops officer, to direct external inquiries.
14 We'll get a message out to the staff at large,
15 through email, and we'll also try to get something on
16 the internal web page, with that same message.

17 We have a chance to talk to OPA about the
18 seismic issue, particular to Diablo Canyon and the
19 communications plan associated with that, that was
20 already ongoing. So, we'll follow up on that.

21 We understand the States are interested in
22 what the NRC might be saying, to -- we will report the
23 idea that the U.S. facilities are safe, and you know,
24 their continued operation is okay. So, we understand
25 that general thrust is --

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1 MALE PARTICIPANT: That's kind of the
2 general thrust.

3 MR. McDERMOTT: Right, and we got the
4 action to go back with the labs.

5 MALE PARTICIPANT: Brian, is there going
6 to be any plans for another call, update call on a
7 regular basis?

8 MR. McDERMOTT: Well, the office directors
9 and the RA's should be pulled in on that 3:30 p.m.
10 Commissioner assistance call.

11 MALE PARTICIPANT: Okay.

12 MALE PARTICIPANT: You said that's the
13 same phone number?

14 MR. McDERMOTT: Yes, same information to
15 dial in.

16 MALE PARTICIPANT: Okay, hey, by the way,
17 also, I just -- Brian, I just forwarded to you, an
18 email I had gotten earlier from Bob Barry at
19 Brookhaven, and he's been in contact with some guy in
20 Japan, a Japanese guy, who had a fair amount of what
21 looked like -- you know, a lot of the information he
22 sent was consistent with what you said in the
23 briefing, and he had a little bit more. I forwarded
24 that to you.

25 MR. McDERMOTT: Thank you.

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1 MALE PARTICIPANT: Do you want me to just
2 forward that kind of stuff?

3 MR. McDERMOTT: Yes, please.

4 MALE PARTICIPANT: Okay.

5 MR. McDERMOTT: Okay, thanks, everybody.

6 MALE PARTICIPANT: Thanks, Brian.

7 MALE PARTICIPANT: Thanks a lot.

8 (CONFERENCE CALL CONCLUDED)

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(CONFERENCE CALL INITIATED)

MR. VIRGILIO: Can you try to contact the Chairman on his mobile phone? We understand he could be in transit, back from the meeting downtown.

OPERATIONS OFFICER: I will attempt to make that contact and transfer him over to you.

OPERATIONS OFFICER: The Chairman is coming up on the bridge.

CHAIRMAN JACZKO: Hello?

MR. VIRGILIO: Chairman, this is Marty Virgilio. We're here in the operations center. We had an opportunity to monitor the call.

CHAIRMAN JACZKO: Okay, good.

MR. VIRGILIO: I know you took some action items, and I just want to make sure that we're clear on who, because it was very difficult for us to tell via phone, who you were making the commitments to.

CHAIRMAN JACZKO: Okay, good. Do you want to walk through them?

MR. VIRGILIO: Yes, you want me to start?

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1 CHAIRMAN JACZKO: Yes, why don't you
2 start?

3 MR. VIRGILIO: Okay, it seems, from what I
4 can detect in the call, that there was reports of
5 sharing and building on the NRC to the (inaudible)?

6 CHAIRMAN JACZKO: Yes.

7 MR. VIRGILIO: I couldn't quite tell who
8 we're suppose to send those to.

9 CHAIRMAN JACZKO: [REDACTED] Is Eliot
10 there?

11 MALE PARTICIPANT: Is this the White House
12 Press Officer? Is that who that is?

13 CHAIRMAN JACZKO: Yes, it's
14 [REDACTED].

15 MALE PARTICIPANT: Okay.

16 CHAIRMAN JACZKO: Did you get that, Eliot?

17 MR. BRENNER: Yes, I got it.

18 MR. VIRGILIO: Eliot has got it.

19 CHAIRMAN JACZKO: Okay, and if you can get
20 a copy to DOE, as well.

21 MALE PARTICIPANT: Yes.

22 CHAIRMAN JACZKO: Can you repeat it back
23 to me?

24 MALE PARTICIPANT: Eliot?

25 MR. BRENNER: Yes, it's

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1 [REDACTED] and I've got the Energy
2 Department guy, and we're shipping the Q&A's over
3 there.

4 CHAIRMAN JACZKO: Correct.

5 MALE PARTICIPANT: And for DOE, it's?

6 CHAIRMAN JACZKO: I don't know, whoever
7 you've contacted.

8 MALE PARTICIPANT: I've got it.

9 MALE PARTICIPANT: Okay.

10 MALE PARTICIPANT: I've got it.

11 MR. VIRGILIO: Okay, Chairman, the next
12 issue on my list was, IAEA was requesting us to open
13 up lines of communication on modeling.

14 CHAIRMAN JACZKO: See, that was a little
15 bit unclear to me. I think there was talk that we
16 should be able to do that. I'm not sure, to what
17 extent we need to.

18 But let's just make sure that we have an
19 open line to IAEA, or whatever the protocol is, so
20 that we can use them as a resource.

21 The discussion was that we would not need
22 to pulse the Japanese as much, because we would have
23 them as a contact.

24 MR. VIRGILIO: And that, I think, led to
25 everybody using the ENAC system?

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1 CHAIRMAN JACZKO: Yes.

2 MR. VIRGILIO: So, it seemed that if you
3 could engage, and I think our best strategy would be
4 to engage IAEA to make sure the expectations were
5 clear.

6 CHAIRMAN JACZKO: Correct.

7 MR. VIRGILIO: They, in fact, will be one
8 of the contacts.

9 CHAIRMAN JACZKO: Correct.

10 MR. VIRGILIO: Okay, and we're looking for
11 them to get information and input from the Japanese?

12 CHAIRMAN JACZKO: Yes.

13 MR. VIRGILIO: Okay. I'll reach to the
14 States, Chairman, that same had come across as well,
15 and I didn't -- it wasn't quite clear to me, as to who
16 took the lead on that, but I think that we're going to
17 step up our liaison team, to include somebody that can
18 interact with the States, as well.

19 CHAIRMAN JACZKO: Okay, good.

20 MR. VIRGILIO: And start some outreach.
21 We'll also engage DOE, because we're getting from
22 other sources, that the labs are starting to pulse us,
23 about wanting to engage, and we think the best thing,
24 at this point, to do is to have DOE turn that off.

25 CHAIRMAN JACZKO: Okay, yes, I think

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1 that's good.

2 MR. VIRGILIO: So, we'll do that.

3 CHAIRMAN JACZKO: Okay.

4 MR. VIRGILIO: Other actions you picked
5 up?

6 MALE PARTICIPANT: No.

7 CHAIRMAN JACZKO: And a primary focus,
8 then for us, is to continue to focus on providing
9 timely and accurate communication.

10 MR. VIRGILIO: Okay, toward that end, can
11 we sanitize our Q's and A's, and post them on a
12 website?

13 CHAIRMAN JACZKO: No, at this point, all
14 of the public communication needs to be coordinated.

15 So, by communications at this point, let's
16 continue to keep it within the Federal family.

17 MR. VIRGILIO: Got it, all right, good
18 enough.

19 CHAIRMAN JACZKO: Although, there was
20 clearance given, I don't know if you picked that up.
21 If we want to highlight that we do have members of a
22 team, that is acceptable.

23 MR. VIRGILIO: Okay, all right.

24 CHAIRMAN JACZKO: So, just keep folks
25 focused on, if we get new information, summarizing it

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1 and distributing it as quickly and accurately as we
2 can, within the Federal family.

3 MR. VIRGILIO: Okay, now, go ahead.

4 MALE PARTICIPANT: It's okay.

5 MR. VIRGILIO: Anything else you want us
6 to follow up on, Chairman, as a result of that
7 meeting?

8 CHAIRMAN JACZKO: No, I think we're in
9 good shape. Let's just keep plugging away, keep
10 getting the information and processing it and keep
11 making it accurate.

12 MR. VIRGILIO: All right. Now, there is
13 an industry in (inaudible) phone call today at one
14 o'clock, that we're not currently invited to, but I
15 could do some outreach and see if we can get invited,
16 and to say what they have to say.

17 I think it would be guarded about what we
18 add to the conversation.

19 CHAIRMAN JACZKO: Do you think it's a good
20 idea?

21 MR. VIRGILIO: Yes, I think it would be
22 good.

23 CHAIRMAN JACZKO: Okay.

24 MR. VIRGILIO: It would be another source
25 of information for us.

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1 CHAIRMAN JACZKO: Pursue it.

2 MR. VIRGILIO: All right, thanks. Okay,
3 that's all we had at this point. Anybody else have
4 anything, Chairman?

5 CHAIRMAN JACZKO: No, I think we're in
6 good shape.

7 MR. VIRGILIO: Are you coming back here or
8 are you headed home?

9 CHAIRMAN JACZKO: What is your
10 recommendation?

11 MR. VIRGILIO: I don't know that there's
12 any reason that you come back here, at this point.

13 CHAIRMAN JACZKO: Okay, then I'll probably
14 head home and try -- I'll try and get a little bit of
15 rest, and but keep -- again, keep the threshold low
16 for keeping me informed and even if there is no new
17 news, you know, just maybe at a set frequency, just
18 give me a ring, just to let me know there's no new
19 developments.

20 MR. VIRGILIO: Okay, and then again, we
21 have the 3:30 conference call.

22 CHAIRMAN JACZKO: Okay, good.

23 MR. VIRGILIO: So, we could bring in on
24 that, too.

25 CHAIRMAN JACZKO: Okay, good.

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MR. VIRGILIO: All right, Chairman, thanks

a lot.

CHAIRMAN JACZKO: Okay, thanks, everybody.

MALE PARTICIPANT: Thank you.

CHAIRMAN JACZKO: Bye.

(CONFERENCE CALL CONCLUDED)

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(CONFERENCE CALL INITIATED)

MICHAEL: Hi, this is Michael Dunick (phonetic) and Jason Kozal. Can you please get Brian McDermott on a separate line?

MR. McDERMOTT: Okay, yes, Mike, this is Brian. We're trying to get the Operations Officer on the line, here. Can we get them to put you on a different line, and we want to make an outgoing call through this line. Is the Ops Officer on the line?

MICHAEL: I'll probably have to go to another room.

MR. McDERMOTT: Okay, we're going to go ahead and make our call. I don't know why we don't have them, but we'll look into that, Mike.

If you drop off -- is there -- do you have some urgent news for us?

MICHAEL: I was actually on the Deputy's call. I mean, I just have some updates to share.

MR. McDERMOTT: Mike, so did I. So, we'll compare notes, after we make this next call.

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1 MICHAEL: Okay.

2 MR. McDERMOTT: Okay, Mike, thanks.

3 (CONFERENCE CALL CONCLUDED)

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7 (CONFERENCE CALL INITIATED)

8 OPERATIONS OFFICER: Josh Baskin is
9 heading up to the bridge.

10 MR. McDERMOTT: Okay.

11 MR. BASKIN: Hello, folks. This is Josh
12 Baskin.

13 MR. McDERMOTT: Hey, Josh, it's Brian
14 McDermott.

15 MR. BASKIN: Hey, Brian. How are you?

16 MR. McDERMOTT: All right.

17 MR. BASKIN: I just wanted to very
18 briefly, again, amplify something the Chairman said,
19 but the questions and answers that folks have put
20 together and the staff has contributed to, to help
21 assist the liaison team, are great.

22 We've got, as you know, we've gotten those
23 around now. The next iteration, though, the Chairman
24 would be very appreciative if folks could keep working
25 on those, and keep drilling down and getting a little

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1 bit more detail.

2 The more widely that those are accepted
3 and used, it's probably going to lead to more
4 questions, you know, the next layer down.

5 So, if folks could continue to turn on
6 those and update, keep them updated, but also, just
7 maybe go one level of detail down, or be ready to,
8 that would be helpful. Does that make sense?

9 MR. McDERMOTT: Yes, it does make sense,
10 and we were thinking the same. We've already asked
11 the reactor safety team to start doing those -- sort
12 of those 'what-its', you know, broader questions, as
13 well as detailed.

14 MR. BASKIN: Great, excellent. Okay, and
15 then I think that's all I had. Is OCA in there, as
16 well, right now?

17 MR. McDERMOTT: We have representation, I
18 believe, on the liaison team.

19 MR. BASKIN: Okay, I will call back after
20 that. Thank you.

21 MR. McDERMOTT: Okay.

22 MR. BASKIN: Talk to you later.

23 MR. McDERMOTT: All right.

24 MR. BASKIN: Okay.

25 (CONFERENCE CALL CONCLUDED)

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(CONFERENCE CALL INITIATED)

OPERATIONS OFFICER: This is the 'who'.
Chairman is coming up on the bridge.

MR. McDERMOTT: Chairman, this is Brian
McDermott.

CHAIRMAN JACZKO: How are you?

MR. McDERMOTT: All right.

CHAIRMAN JACZKO: A couple of things.
Josh is probably going to call you in a few minutes,
and kind of give you this, too.

But if we can continue, you know,
especially since we don't have an active plant that
we're truly monitoring, can we continue to pulse down
on getting more and more detailed information that
would be useful for briefings and those kinds of
things?

MR. McDERMOTT: Yes, sir. We did -- just
had a conversation with Josh, about that, and we've
already tasked the reactor safety team folks that are

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1 here, to take the existing Q&A's, not only go down to
2 the next level of information, but also to look
3 broader, as well.

4 CHAIRMAN JACZKO: Good, and can you
5 emphasize with them, that to periodically put their
6 thoughts down on paper, because we may need those at a
7 moment's notice?

8 MR. McDERMOTT: Yes, sir, we'll do that.

9 MR. VIRGILIO: We're doing it.

10 CHAIRMAN JACZKO: Excellent. The other
11 thing, do we have an update on our travelers?

12 MR. VIRGILIO: We had a phone call from
13 Jim Trapp, and we've been communicating with them by
14 email. I think his flight is still scheduled to leave
15 at 4:30 p.m.

16 CHAIRMAN JACZKO: Okay.

17 MR. VIRGILIO: Tony called in from LAX,
18 and we were -- they said they were loading supplies on
19 the plane.

20 CHAIRMAN JACZKO: Okay.

21 MR. VIRGILIO: So, only assuming by this
22 course, because we haven't heard back from Tony, that
23 they're in the air.

24 CHAIRMAN JACZKO: Okay, okay, good. Do we
25 anticipate him calling in, then, when he gets on the

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1 ground?

2 MR. VIRGILIO: Yes, he has got the
3 satellite phone. So, we're expecting him to check
4 back.

5 CHAIRMAN JACZKO: Okay, and does he have a
6 clearly defined, kind of mission, when he gets there?

7 MR. VIRGILIO: No, you know, he and I
8 talked about that, and then asked him to, you know,
9 take his lead from the team. We weren't giving him
10 any different directions or specific instructions that
11 might run contrary to what the team was suppose to do.

12 CHAIRMAN JACZKO: Okay, good, but he has a
13 team, so, he knows where he suppose to go and who he
14 is suppose to take orders from?

15 MR. VIRGILIO: Yes.

16 CHAIRMAN JACZKO: Okay, good, excellent.

17 MR. VIRGILIO: And I think he was a little
18 confused on that point, and I'm glad we had a chance
19 to talk to him.

20 CHAIRMAN JACZKO: Good, good. Okay, well,
21 keep me posted, some things changes.

22 MR. VIRGILIO: Okay, you had heard that
23 they are going to be flooding up the containment with
24 probably borated sea water?

25 CHAIRMAN JACZKO: Okay, yes, I had heard

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1 that.

2 MR. VIRGILIO: Okay, that was the last
3 that we had heard, and we're engaging IAEA to make
4 sure that we try to force them into the -- you're the
5 point of contact box.

6 CHAIRMAN JACZKO: Yes, good.

7 MR. VIRGILIO: So, we're trying to take
8 some follow-up actions, for the results of the
9 meeting.

10 CHAIRMAN JACZKO: Okay, good, excellent,
11 and if you establish something there, let me know.

12 MR. VIRGILIO: Okay.

13 CHAIRMAN JACZKO: Okay, good, thank you,
14 Marty.

15 MR. VIRGILIO: Okay.

16 MR. McDERMOTT: This is Brian. We've also
17 heard that actually, we've got a request for
18 information in from FEMA, to tell them which sites are
19 -- nuclear sites are located near the (inaudible)
20 fault.

21 CHAIRMAN JACZKO: Okay.

22 MR. McDERMOTT: Apparently, that came up
23 during the call, while -- well, it actually came
24 through the date call, now.

25 CHAIRMAN JACZKO: Okay, good.

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1 MR. McDERMOTT: So, we'll make sure we
2 have that list, too, as well as the back-up
3 information on the designs of those facilities. But
4 we'll put that to the reactor safety team, as well.

5 CHAIRMAN JACZKO: Excellent. Anything
6 else, at this point?

7 MR. VIRGILIO: No, I can't think of
8 anything.

9 CHAIRMAN JACZKO: How are you feeling, in
10 terms of what our public communication is, at this
11 point?

12 MR. VIRGILIO: We should be doing more, I
13 think.

14 CHAIRMAN JACZKO: What do you think we
15 should be doing?

16 MR. VIRGILIO: Well, I know that, you
17 know, consistent with what you talked about at the
18 Deputy's meeting, I think we need to do more with the
19 States.

20 CHAIRMAN JACZKO: Okay.

21 MR. VIRGILIO: And particularly, our State
22 RSLO's, the regional state liaison officers.

23 CHAIRMAN JACZKO: Yes.

24 MR. VIRGILIO: They're getting peppered
25 with phone calls from their contacts, in the States.

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1 CHAIRMAN JACZKO: Okay.

2 MR. VIRGILIO: So, I think we need to
3 start opening up, and we are. We brought in a state
4 liaison contact, and we are starting to open up some
5 lines of communication with them.

6 CHAIRMAN JACZKO: Okay, in terms of the
7 public, like the media, do you think we should be
8 saying more, there?

9 MR. VIRGILIO: Let me look to Eliot.

10 CHAIRMAN JACZKO: I just talked to Eliot.
11 So, I just want to double-back and get your thoughts,
12 too.

13 MR. VIRGILIO: Yes, I don't know that
14 we're getting any inquiries in here to the Ops Center.

15 CHAIRMAN JACZKO: Okay.

16 MR. McDERMOTT: I think we kind of think
17 it's inevitable that we're going to get those
18 questions and calls for comparisons of U.S. facilities
19 to Japan.

20 MR. VIRGILIO: Yes, but at the moment,
21 it's mostly the States that are trying to engage us
22 and get information.

23 CHAIRMAN JACZKO: Okay, okay, good. So,
24 Brian, I think, keep that in the back of your mind,
25 that at any moment's notice, we could start getting

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1 those calls and we want to be ready, when they come
2 in.

3 MR. McDERMOTT: Understand.

4 CHAIRMAN JACZKO: Okay, good. All right,
5 well, thanks, everybody. Keep it up.

6 MR. VIRGILIO: All right, thanks,
7 Chairman.

8 CHAIRMAN JACZKO: Okay, bye.

9 (CONFERENCE CALL CONCLUDED)

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(CONFERENCE CALL INITIATED)

OPERATIONS OFFICER: Jack Grove is entering the bridge.

Mr. Grove, you're on the bridge with the ET.

MR. GROVE: I apologize, I was just wanting to talk to Brian, to see what kind of support you guys need.

MR. VIRGILIO: Jack, it's Marty, and Brian has just gotten back, talked to the folks in the reactor safety team.

But right now, what we're focused on is writing up some questions and answers, mostly getting the questions out, you know, as to what can we expect we're going to get, in terms of questions.

MR. GROVE: Yes.

MR. VIRGILIO: You know, from Congress or the public, over the next few weeks to few months.

MR. GROVE: Yes. So, is Japan asking for any support?

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1 MR. VIRGILIO: No.

2 MR. GROVE: No, okay.

3 MR. VIRGILIO: We've offered and they've
4 said, "No, they don't need any."

5 MR. GROVE: All right.

6 MR. VIRGILIO: However, we are sent --
7 we're sending our staff to, two of our staff members,
8 Tony Ulses and Jim Trapp, as part of an international
9 team.

10 MR. GROVE: Cool.

11 MR. VIRGILIO: And Tony is in the air
12 right now. Jim is waiting for his flight to depart
13 from Dulles.

14 MR. GROVE: Okay, good. Are we going to
15 plan on continuing to man the center?

16 MR. VIRGILIO: Yes, we're setting up a
17 watch. I think at least right now, we're setting
18 ourselves up to go through Monday.

19 MR. GROVE: Okay.

20 MR. VIRGILIO: And then we'll see where we
21 go from there. Bill, Mike and I have set up eight-
22 hour rotations.

23 MR. GROVE: Okay.

24 MR. VIRGILIO: At least for the moment.

25 MR. GROVE: Okay, do you need any help?

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1 MR. VIRGILIO: We might. Thank you for
2 the offer.

3 MR. GROVE: Okay, just let me know. I'll
4 be home the rest of the day.

5 MR. VIRGILIO: Okay.

6 MR. GROVE: Okay, thanks.

7 MR. VIRGILIO: All right, you're welcome.

8 MR. GROVE: Bye-bye.

9 (CONFERENCE CALL CONCLUDED)

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(CONFERENCE CALL INITIATED)

MR. McDERMOTT: Is the Operations Officer on the line?

OPERATIONS OFFICER: This is who?

MR. McDERMOTT: Okay, we have a request. We'd like to enable a conversation on the bridge, here, for Marty Virgilio to reach out to a manager, or a counterpart over at IAEA.

Can you work through their Operations Center, to make that happen for us?

OPERATIONS OFFICER: We can do anything you like.

MR. McDERMOTT: Okay.

MR. VIRGILIO: Okay, the individual we're trying to get in touch with is Mr. Denny Flory, F-L-O-R-Y.

Now, if you can't get his number, one of the options we might have is our -- Mark Shafer, who is our liaison over in Vienna. We ought to be able to raise Mark.

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1 OPERATIONS OFFICER: Okay, so, we'll try to
2 get in touch with Mr. Denny Flory at the IAEA.

3 MR. VIRGILIO: Just start there, okay?

4 OPERATIONS OFFICER: All right, we'll start
5 making those calls now.

6 MR. VIRGILIO: Thank you.

7 (OTR comments)

8 OPERATIONS OFFICER: Jason Kozal and Mike
9 (inaudible) are coming up on the bridge.

10 MR. McDERMOTT: This is Brian McDermott.
11 Operations Officer?

12 OPERATIONS OFFICER: This is.

13 MR. McDERMOTT: Okay, do we have the
14 parties convened for the Commissioner assistance
15 brief?

16 OPERATIONS OFFICER: They are convening as
17 we speak. It looks like we've got 42 people, right
18 now, or 41, no, 42, now, and you want us to 'unmute'
19 the bridge right now, and get ready?

20 MR. McDERMOTT: Are they coming on in such
21 a way that you'll have a roster playback?

22 OPERATIONS OFFICER: Yes, we will have a
23 roster playback.

24 MR. McDERMOTT: Okay, why don't we give
25 them a minute to complete calling in, and then if you

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1 would start us off with the roster playback.

2 OPERATIONS OFFICER: Okay, we're going to
3 'unmute' right now, so, that you'll have the bridge
4 and you together then.

5 16: Okay.

6 (OTR comments)

7 (CONFERENCE PARTICIPANTS: Kathy Haney, Tom Farnold,
8 Russ Kennedy, Eric Leeds, Ben Dottleman, B. Wilde, M.
9 Camper, Mike Franovich, N. Shane, Gregory Super, Bill
10 Wilters, Mike Snodderly, Michael Marshall, Michael
11 Johnson, Davie Lui, Randy Voster, Scott Moore, Brian
12 Smith, Ed Kaffleman, Elena Galloway, Dan Riley, Ben
13 Hart, T. McFlee, Matthew Huhn, Margie Doane, John
14 Boyse, Greg Warnick, Bill Dixon, Art Howell, Mark
15 Satorius, Charles Neller, Linda Howell, Elmo Collins,
16 Roy Zimmerman {multiple inaudible's})

17 MR. BORCHARDT: Good afternoon, everybody.

18 This is Bill Borchardt. I'll try to give a real
19 quick summary of what we know, and a little bit of
20 what we don't know.

21 So, I need to preface by saying, we really
22 continue to operate in an environment of limited
23 information, as far as having a high degree of
24 confidence.

25 There has been very limited information

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1 coming directly from Japan, or for the -- from the,
2 Japanese regulators.

3 So, we have a number of different sources,
4 some coming from sources inside Japan, others coming
5 via other Government agencies, and of course, there is
6 a fair amount of news coverage.

7 I've been watching the news coverage for
8 several hours, earlier today, and you know, my view
9 is, the majority of it, there is elements of truth and
10 accuracy in it, but there are some things that we're
11 not quite certain at all, are accurate.

12 So, I'm going to limit my topics to the
13 Fukushima site, and just for background, nearly all of
14 the attention is on Unit 1, at that site.

15 There is very little information on the
16 other units, but we believe that Units 2 and 3, that
17 had been in operational status, have been shut down
18 safely and there is all indications that the reactor,
19 at least currently, is not being threatened and is in
20 -- is being cooled.

21 Units 4, 5 and 6 were already shut down.
22 So, that mitigates a potential problem. But there was
23 a -- you know, an ongoing significant event at Unit 1.

24 What we think happened is that the plant
25 trips, as you would have expected. The diesel

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1 started, but when the tsunami wave came through, it
2 interrupted the fuel flow. I think the tanks are
3 above ground, as best we understand.

4 So, it either took out the tanks or the
5 piping going to the diesels. So, they ended up in a
6 station black-out.

7 It looks as, I think our best estimate at
8 this point is that at least for some time period, the
9 core was uncovered, at least partially, and that there
10 was some fuel damage.

11 If you have been watching the TV, you've
12 seen the explosion at the top of the reactor building.

13 Our best understanding right now is that it is more
14 than likely to have been a -- either a steam explosion
15 or a hydrogen explosion.

16 If it was hydrogen, it's likely, them
17 trying to de-pressurize the containment with stand-by
18 gas treatment, some build up of hydrogen in the upper
19 area of the reactor building, and then an explosion.

20 So, there is -- all of that (inaudible) or
21 metal plates, roofing material that's typical of those
22 (inaudible) boilers, easily blew off and what you saw
23 on the TV was a lot of debris and, you know, rather
24 dramatic smoke cloud, but so, there is some
25 uncertainty, as to what the exact cause of that was.

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1 We believe right now that they are using
2 sea water in two different ways, to help stabilize
3 Unit 1.

4 The first is somehow, they might be
5 putting in borated sea water and getting that injected
6 into the reactor vessel, somehow. We don't know what
7 the injection source of that is.

8 The second activity that they're engaged
9 in is essentially using sea water to fill the basement
10 of the reactor building to provide external cooling to
11 the source.

12 Both of those activities seem to be in
13 progress and making some -- having some success, in
14 that it seems like we're not getting any indication of
15 a degrading core condition.

16 So, that's, I think, about as much as I'm
17 going to talk about, as far as Unit 1 is concerned.

18 There was a Deputy's meeting at 11 o'clock
19 this morning, with a significant focus on the nuclear
20 plant. Only a couple of things to say about the
21 Deputy's meeting.

22 The disaster assistance response team will
23 likely go into place, or go into place on Sunday, all
24 right, okay. FEMA, in fact, has shut down their
25 response to this event. So, they've gone into normal

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1 weekend mode.

2 We have two NRC staff that are en route to
3 Japan right now. One is with the USAID group on a
4 Military aircraft. I think he will arrive sometime
5 this evening, this evening our time.

6 The other is on a commercial flight, and
7 he will arrive probably, I guess it would be Sunday,
8 mid-day, I think would be the normal arrival time in
9 Japan.

10 I would say that NRC, our activities right
11 now, we have four primary objectives.

12 The first one is obviously, to continue
13 monitoring to the best that we can of the events in
14 Japan.

15 The second has to do with some outreach to
16 IAEA. As you could understand, the regulator and the
17 operator and everybody else in Japan is in overload,
18 and we don't want to add to their immeasurable level
19 of stress already.

20 So, we are proposing and pushing to have
21 IAEA be the point of contact with Japan, and so, we're
22 trying to interact with Denny Flory on the IAEA staff,
23 and whoever else we can talk to, to get them to
24 proactively engage in that activity, and then we'll
25 use them as the source of information, the best that

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1 we can.

2 We haven't been successful at that, yet,
3 and we'll continue working it. So, that's the second
4 activity.

5 The third is -- it's a further development
6 of the NRC questions and answers. We have one set of
7 questions, which I think are aimed at looking at the -
8 - what we would say about the events in Japan, which
9 we need to be as factual and not (inaudible) into what
10 the various scenarios might be.

11 What I think we need to transition to over
12 the next 12 hours is waiting for, when this stabilizes
13 in Japan, it's entirely likely that the shift will
14 come to the U.S. You know, what would be the response
15 of a U.S. plant? Why are the U.S. plants all being
16 shut down? Those kinds of things.

17 So, the Q's and A's that I think we need
18 to develop now have more to do with that domestic
19 focus, and I know, for example, one of the
20 Commissioners is going on travel Monday, so, he'll be
21 out, domestic travel, but he'll be out at a
22 conference, or I'm not exactly sure what the activity
23 is, but we want to be able to arm them with a good
24 solid set of talking points on those activities.

25 The fourth activity has to do with

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1 interaction with DHS. I think we have some inter-
2 agency work going on, about plume plots and possible
3 exposure activities, and so, we just want to continue
4 to -- the interaction with our Federal colleagues.

5 I know DOE is preparing access, to help do
6 monitoring, areal monitoring. EPA has -- is going to
7 be doing radiation measurements on the west coast,
8 Hawaii, and those areas.

9 So, we just want to keep the communication
10 links open with them, so, we're aware of what they're
11 doing. We're not driving the actions. They're
12 carrying out their own responsibilities, but we're
13 obviously, very interested in what they're doing and
14 what they're finding out.

15 So, let me just briefly ask the team
16 leaders if they have anything they want to add to this
17 brief, before we open the questions.

18 MALE PARTICIPANT: No, I think you've
19 covered the reactor part of it. Again, the status is,
20 we're working on the questions right now.

21 We started to do 'what-ifs' with the
22 reactor safety team.

23 MR. BORCHARDT: Okay.

24 MALE PARTICIPANT: Yes, for the -- the
25 wind continues to be in the direction of out to sea.

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1 We're interfacing NARAC and DOE's headquarters nuclear
2 incident team.

3 All plume modeling shows the plume out to
4 sea and we've done various (inaudible) scenarios.

5 MR. BORCHARDT: Okay, good. Eliot, you
6 got anything?

7 MR. BRENNER: It's reasonably quiet on the
8 media front. All the attention is still over in
9 Japan. It will turn back this way, probably starting
10 tomorrow and the next day, and I hear you mention the
11 talking points.

12 We're kind of keeping those within the
13 Washington Federal family, right now. We're not
14 talking too much about what the situation is, with
15 respect to our plants.

16 I can tell you that Chairman, Former
17 Chairman Diaz and Chairman Kline are beginning to make
18 the rounds on television, and they're carrying that
19 message.

20 MR. BORCHARDT: Yes, thanks, Eliot, for
21 reminding me. The NRC is minding our role, if you
22 will, I think, as part of the Federal family looking
23 to the White House, to be the spokesman on this event,
24 and so, that's why we're not being more assertive or
25 more proactive than some might think we would be.

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1 But so, that's -- we're going to stay on
2 that track for the foreseeable future.

3 MALE PARTICIPANT: I believe, just an
4 update on the EPA. We did contact the EPA, and
5 they've reiterated the fact that they have stationary
6 monitoring.

7 They don't plan, right now, to dispatch
8 any people to the west coast, but if their stationary
9 monitoring indicates that they're starting to pick up
10 elevated readings, then they probably will detail at
11 that point.

12 We're getting a lot of -- we're getting
13 some people on the phone, and we're getting a lot of
14 requests from the RSLO's, in terms of what information
15 could be provided to the States, whether or not we can
16 provide some of the public Q&A's that we've already
17 started, could we provide it?

18 Apparently, there has been some
19 {interference} states out west, and even the local
20 Pennsylvania and Massachusetts, Rhode Island, I guess,
21 has also asked some questions.

22 MR. BORCHARDT: Okay, anybody else have
23 anything?

24 Okay, questions from anybody?

25 MR. JOHNSON: Bill, this is Mike Johnson.

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1 Do we know what the U.S. nuclear industry is doing,
2 if anything?

3 MR. BORCHARDT: They have a conference
4 call, I think organized by NEI, or I think it was NEI,
5 earlier this afternoon.

6 I think basically, it's just monitoring.
7 The one specific thing I'm aware of is that Exelon was
8 requested to run some simulator runs, because of some
9 plants that Exelon has, that are similar vintage to
10 the affected plants in Japan.

11 The results of those simulator runs, I
12 don't have, and I'm not sure what the status of that
13 is, but that's all that I know of.

14 MALE PARTICIPANT: The only other thing we
15 heard was that they were doing a couple of things with
16 their earlier call. It was to have some coordination
17 within the industry, if they were to provide resources
18 upon request.

19 They had no requests, at this time, and
20 then the other thing they were doing was just making
21 sure that they were speaking with one voice. So, they
22 were trying to identify points of contact, both for
23 the media and the financial sectors.

24 MR. BORCHARDT: Okay.

25 MR. SATORIUS: Bill, it's Mark Satorius.

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1 I know that they were contacted through General
2 Electric, who had had field representatives over in
3 Japan, and had gotten back to the corporate offices
4 here in the United States, and because of the
5 similarities, GE contacted Exelon directly and were
6 running those simulators.

7 And I don't think they were conclusive,
8 because they didn't have all the right data to start
9 the simulators on.

10 MR. BORCHARDT: Okay.

11 MALE PARTICIPANT: It turned out, I was
12 aware of that, those simulator runs, and they
13 basically confirmed the existing information.

14 They couldn't recreate the indications
15 that were being reported to press. Something was
16 missing and we've had some today, that demonstrated
17 some information from this.

18 MR. BORCHARDT: Okay, all right. Any
19 other questions?

20 MR. SNODDERLY: Bill, this is Mike
21 Snodderly, Commissioner Apostolakis, and it's
22 Commissioner Apostolakis that's scheduled to speak
23 Tuesday at the probabilistic safety assessment
24 conference in Wilmington, North Carolina.

25 We're scheduled to leave tomorrow at five

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1 o'clock. So, yes, if we could get some talking
2 points, and I can go over those with the Commissioner,
3 all right.

4 He's scheduled to do a welcome on Monday
5 morning, but it's only for five or ten minutes, and I
6 think -- and he is scheduled to take questions and
7 answers after his speech on Tuesday, but we may just
8 have him do the speech. We'll obviously, be in
9 coordination with you and the Chairman, on what we'll
10 say or do.

11 But anyhow, it would be greatly
12 appreciated.

13 MR. BORCHARDT: And I know that the
14 Chairman has talked to the other Commissioners, this
15 afternoon. They briefly talked about that, but yes,
16 we'll make sure that all the Commission offices have
17 what we prepare over the next day or so.

18 MR. SNODDERLY: Thank you.

19 MR. BORCHARDT: Okay. All right, I'm not
20 hearing any other questions. Let me just ask the
21 representatives on the phone to hang on. I think you
22 raised an interesting topic, about outreach to the
23 States. So, I want to brainstorm on that for a
24 second.

25 So, what we will do is have, I think the

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1 next call at 11:30 p.m. this evening, if you're
2 interested, and then at 7:30 a.m. tomorrow morning,
3 right? Yes, 7:30 a.m. tomorrow morning.

4 So, and of course, if there is anything
5 that is significant, that we become aware of, we'll
6 send out an email and if it's really significant,
7 we'll do a blast-dial and make sure everybody gets the
8 information promptly.

9 So, 11:30 p.m., 7:30 a.m. and then check
10 your email.

11 MALE PARTICIPANT: Hey, Bill, this is
12 (inaudible). As a point of clarification, going back
13 to Unit 1 at Daiichi, do we think that core damage is
14 not ongoing now, based on radiation levels?

15 MR. BORCHARDT: Well, it would be very
16 subjective. You know, let me just give you my personal
17 opinion.

18 I was here last night. I was there this
19 morning. When I left last night, I would have
20 expected Unit 1 to be in far worse shape than it is,
21 to the best of our knowledge right now.

22 So, either the event is going a whole lot
23 slower than you would have predicted, or in fact, that
24 they've been able to inject some water into the
25 vessel, to provide some cooling.

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1 MALE PARTICIPANT: So, it's an open
2 question, then?

3 MR. BORCHARDT: Yes, definitely.

4 MALE PARTICIPANT: The last we heard from
5 one of the TV reports was that the radiation levels
6 were decreasing and their pressure was decreasing, but
7 again, that's a TV report, and we don't have anything
8 to confirm that, at this time.

9 MALE PARTICIPANT: Right, okay, and then
10 another question. You're probably not ready to talk
11 about this, but one thing I read was that down at the
12 other sites, at the Daiichi site a few miles south,
13 the Japanese Government has ordered evacuation. Do
14 you know anymore about that?

15 FEMALE PARTICIPANT: I think the
16 evacuation was, was it 10 kilometer radius? No, no,
17 no, I think the first site is 12 miles, 20 kilometers,
18 and so, the other site, which is like 10 miles south
19 of the first site, that's -- yes, (inaudible), the
20 evacuation is, I guess 10 kilometers, yes.

21 So, it's half of what the other site is
22 there.

23 MALE PARTICIPANT: Okay, but we don't --
24 is that just like a precaution, because what I read
25 was that they're having trouble controlling pressure

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1 and containment in the RCS of the -- of three of the
2 units there.

3 MALE PARTICIPANT: That would be -- we
4 don't have any information on that.

5 MALE PARTICIPANT: Okay.

6 MALE PARTICIPANT: But the limited
7 information we have is focused on Daiichi Unit 1.

8 MALE PARTICIPANT: Okay, good, thanks.

9 MALE PARTICIPANT: But we haven't given up
10 trying to get information on the others.

11 MALE PARTICIPANT: Sure, sure, thank you
12 very much.

13 MR. BORCHARDT: Okay, thanks, everybody,
14 and have a good afternoon.

15 (CONFERENCE CALL CONCLUDED)

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(CONFERENCE CALL INITIATED)

MR. BORCHARDT: Okay, this is Bill, again.

Who do we have on from SESMI?

MALE PARTICIPANT: I thought there was somebody that called in.

MR. BORCHARDT: We must have lot them, or maybe the host is gone.

CHARLIE: Who is one for FSME? This is Charlie.

MR. BORCHARDT: Hi, Charlie. We got you back.

CHARLIE: Okay.

LARRY: This is Larry. I'm here.

MR. BORCHARDT: Okay, yes, thanks for hanging in there.

So, I guess the question is, what's the appropriate action or outreach to the States, given that this is -- I mean, it seems to me like it would be appropriate, just to have a conference call, try to

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1 set up something with whatever state they're
2 interested in.

3 But I mean, this is your guys call. So,
4 let me stop talking and see if you have any ideas.

5 CHARLIE: Hey, Bill, this is Charlie. Can
6 you hear me?

7 MR. BORCHARDT: Yes, go ahead.

8 CHARLIE: Okay, here is what I would
9 suggest, so that we keep control of it.

10 We've got regional state liaison officers
11 in every region. They know the contacts in each state
12 and the state liaison officers and the Governor's
13 office.

14 I would suggest that that's the vehicle we
15 probably should use to make sure that they're
16 contacted, or at least set up a call.

17 MR. BORCHARDT: Okay.

18 MALE PARTICIPANT: So, I think the bigger
19 question is, what information do we give them?

20 CHARLIE: Well, I mean, that's going to be
21 our call. I mean, if we're trying to restrict the
22 information, or at least control the information that
23 we're getting outside, anything that you give a state
24 or a Governor, you're not going to be able to control
25 what they do with it, even if you ask them to keep it

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1 close.

2 You know, they're going to be getting
3 questions from, I'm sure, state people, about the
4 plants in their states. So, they're going to probably
5 want something.

6 MR. COLLINS: Bill, this is Elmo. I was
7 going to ask -- yes, I agree with Charlie, and it
8 would -- if we would have a couple of pages of talking
9 points, I think -- and then just let -- work through
10 the state liaison officers, that ought to work.

11 CHARLIE: Right, and I think if you give
12 them the message that you've been giving out, that we
13 don't want to speculate on what's going on, because of
14 the limited information, and you can't necessarily
15 believe everything that you're saying, reported on TV
16 by the so-called experts, to be cautious.

17 But we don't see, as a result of this,
18 that there is any threat at the plants in the United
19 States.

20 MR. BORCHARDT: Right.

21 CHARLIE: And avoid answering questions on
22 whether it could happen here. I mean, I don't think
23 we're ready to do that, yet.

24 MR. BORCHARDT: Right, the tail of this, I
25 don't think we have a document right now, that we're

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1 going to need, because some of the things go through -
2 - go too far, and say too much. Others, like some of
3 the OPA talking points, are really high level. I
4 don't think scratch the itch.

5 So, I think we're stuck with having to do
6 this, to come up with a unique set of talking points
7 for the States. We'll clear that through the
8 Chairman's office, and try to get them out to those,
9 via state liaison officers, or the --

10 CHARLIE: Okay.

11 MALE PARTICIPANT: So, the information
12 from the protective measures?

13 MR. BORCHARDT: I'm sorry, say that again.

14 MALE PARTICIPANT: Would that include the
15 information from the protective measures teams,
16 because they were talking about monitoring and maybe
17 one thing the States just need to know is that we are
18 monitoring because the plume is blowing out towards
19 the ocean.

20 FEMALE PARTICIPANT: I think some of that
21 information would be important and would help, to help
22 scratch the itch, especially, you know, the states out
23 on the west, like California and Washington, who have
24 been asking about this.

25 MR. BORCHARDT: Yes, right, I mean, I'll

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1 leave it to you guys, to figure out, what will scratch
2 the itch and then, you know, let's put some talking
3 points together, then we'll float it through by OPA
4 and the Chairman's office, and make sure they're
5 comfortable with us going out with that, because the
6 point that was just made, that once we tell the
7 States, forget it. I mean, it's out.

8 FEMALE PARTICIPANT: Well, we could
9 certainly try the caveat, that is, you know, we have
10 shared before with the States, information, you know,
11 official type of things, which we can't ask them to do
12 that.

13 But you're right, we don't necessarily
14 have that control going forward.

15 MALE PARTICIPANT: Well, given that EPA is
16 going to do the monitoring, rather than NRC, I think
17 we need to coordinate with them, find out what they're
18 going to say in the public domain and then just
19 reference that, when we talk to the States, and maybe
20 even be prepared to point them to an EPA point of
21 contact.

22 FEMALE PARTICIPANT: Yes.

23 MALE PARTICIPANT: So, that we're not --

24 MALE PARTICIPANT: I think once we send it
25 to the States, we should assume that it will be shared

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1 with, you know, at least the legislature. So, we
2 should give them talking points, rather than things
3 that they would hold.

4 MR. BORCHARDT: All right, but the
5 Japanese new network now has headlines, the
6 Government, saying that the reactor is safe, under
7 their breaking news. That is the first time I've seen
8 that call, on this network.

9 MALE PARTICIPANT: But they also have a
10 picture of a BWR.

11 MALE PARTICIPANT: Okay, so, then we're
12 going to develop the talking points, run them through
13 OPA and then we'll run them by the Chairman, to make
14 sure that they're fine.

15 MR. BORCHARDT: Right.

16 FEMALE PARTICIPANT: And OPA would run
17 them through the Chairman for more specifics.

18 MALE PARTICIPANT: Yes.

19 MR. BORCHARDT: Well, we'll figure that
20 out, but we just got to make sure we get the okay, and
21 we may have to give a courtesy copy to like EPA, as
22 well.

23 MALE PARTICIPANT: Right.

24 MR. BORCHARDT: Just so they know what's
25 being put out, all right, and so, I mean, I'm

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1 cognizant of the vacuum we have right now, but it's
2 more important that we do this carefully, than do it
3 real fast.

4 MALE PARTICIPANT: Agreed.

5 MR. BORCHARDT: We're going into the night
6 time, so, things will slow down on the news cycle.
7 So, I mean, I think if we were ready to have a good
8 engagement first thing tomorrow morning, I think that
9 would be pretty good.

10 MALE PARTICIPANT: Okay, yes.

11 MR. BORCHARDT: Okay, all right?

12 MALE PARTICIPANT: Speaking of which,
13 would that be a continuance on the talking points,
14 also, put out to lead staff, because it's the same
15 thing, if you put them out to NRC, they're public.
16 Everybody is going to see them, but we may want to do
17 that.

18 MR. BORCHARDT: Okay, we can take a look
19 at that, too. All right, Charlie or anybody on the
20 phone have anything?

21 CHARLIE: No, again, Bill, I mean, I just
22 want to re-emphasize, whatever we give them, some
23 Governor is going to publicize.

24 MR. BORCHARDT: Yes, they can't help
25 themselves.

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1 CHARLIE: Right, so, we have to be
2 comfortable with the fact that it will get out, I
3 mean, I guess that's my only point, so, the Chairman
4 is going to have be comfortable with that, too.

5 MR. BORCHARDT: Got it, all right, thanks,
6 everybody. Have a good evening.

7 CHARLIE: All right, thank you, Bill.

8 MALE PARTICIPANT: Thank you.

9 (CONFERENCE CALL CONCLUDED)
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(CONFERENCE CALL INITIATED)

MALE PARTICIPANT: Okay, sorry about the technical difficulty earlier. I'll just start over and try to be brief.

We have a press release from TEPCO, that gives a status of all six units on the site.

Unit 1, that's been our focus for the last 24 hours, or longer, has been shut down. There was the explosion in the reactor building, the metal roof structure.

But they're now injecting sea water and boric acid into the reactor core. So, that's obviously, positive news, that the heat-up is being terminated and they're addressing the issue of any inadvertent criticality.

Unit 2, they had RIK-SEA running. That has been shut down. The press release doesn't explosively say if it was intentionally shut down or

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1 was terminated by some other cause.

2 But it looks like they're making
3 preparations for venting the containment, after they
4 get permission from the regulator.

5 So, there is certainly no sense of urgency
6 in the description that they talk about. So, I think
7 this is the same kind of planned activity that they
8 had on Unit 1, as far as venting the containment, and
9 reactor water level is stable, although lower than
10 normal.

11 Unit 3 is shut down, and they continue to
12 inject water using HIPSI, and they're also preparing
13 to implement measures to reduce pressure in the
14 reactor containment vessel, after they get the
15 Government's permission.

16 So, I think what you can assume is that
17 they've lost containment cooling. There has been some
18 increase in pressure and in order to maintain
19 integrity of the containment, they're going to do an
20 intentional venting, probably through stand-by gas
21 treatments.

22 They did not believe that there is any
23 reactor coolant leakage inside the containment vessel
24 on Unit 3.

25 Units 4, 5 and 6, just from summary, were

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1 already shut down for a variety of reasons. There is
2 no leakage inside the containment vessel and no
3 concerns, regarding temperature in the core.

4 So, it looks as if, anyway, things have
5 stabilized and are -- have actually -- they've turned
6 the tide on Unit 1, and the situation is improving.

7 So, thanks for your attention and your
8 continued work this evening.

9 (CONFERENCE CALL CONCLUDED)

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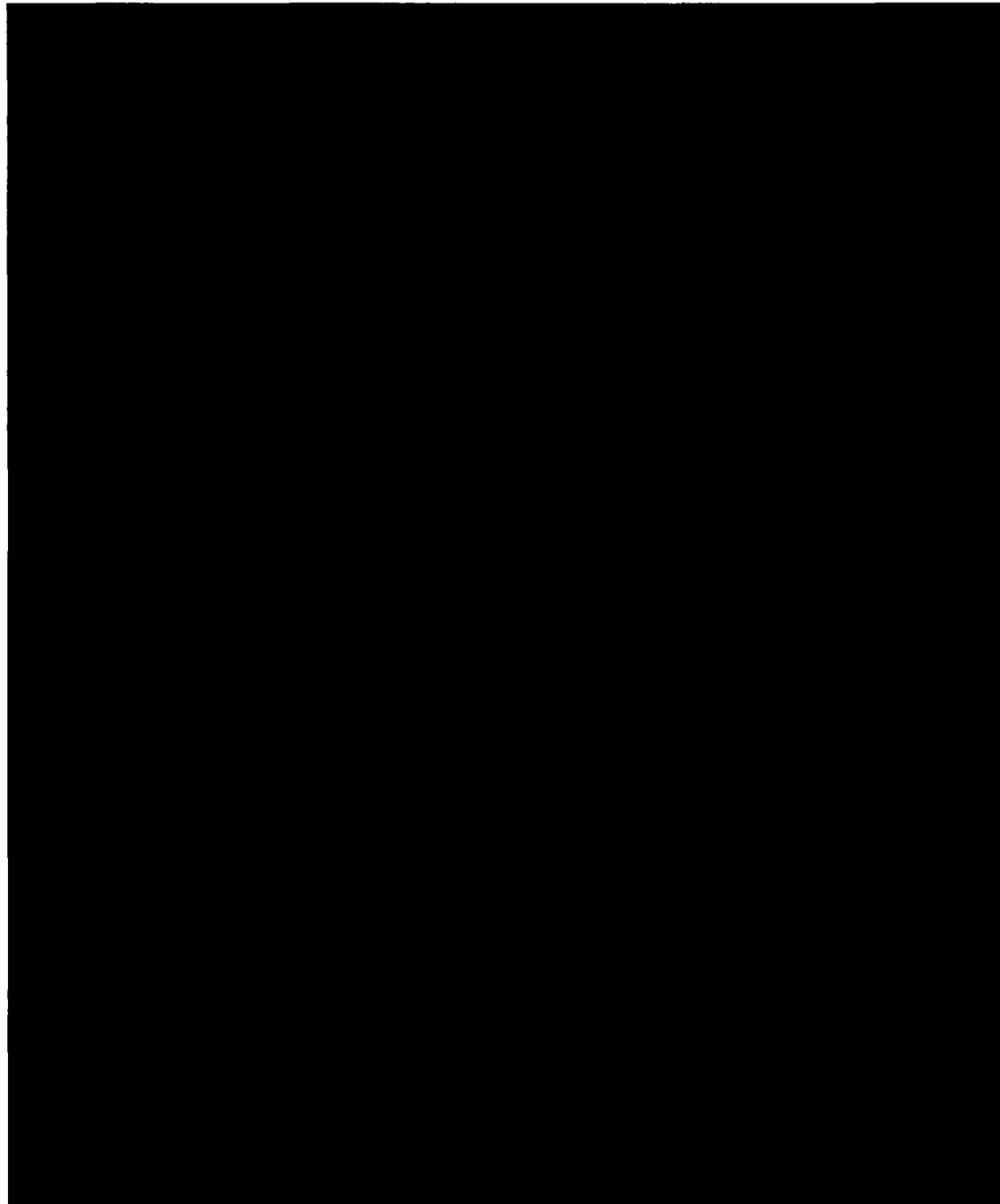
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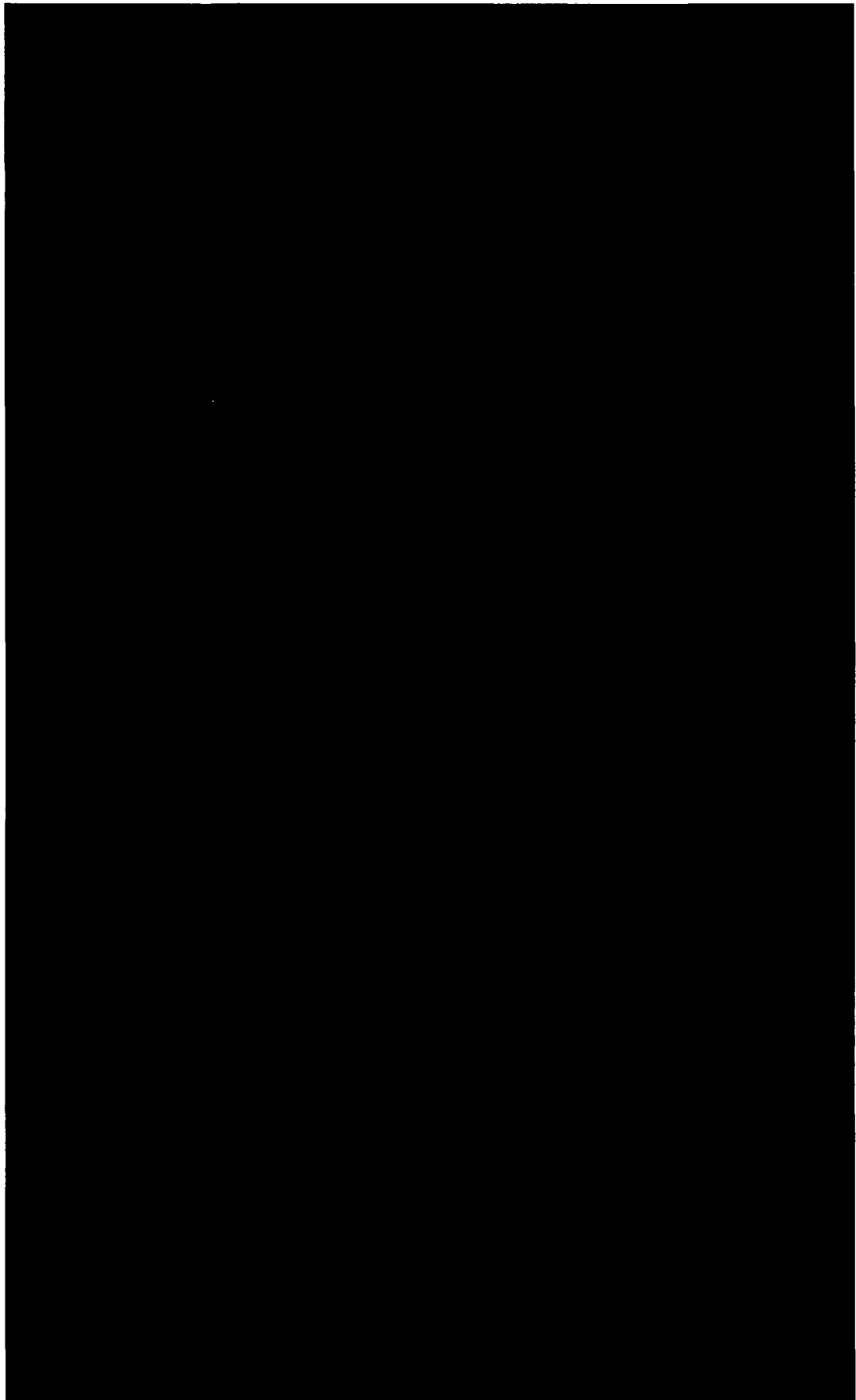
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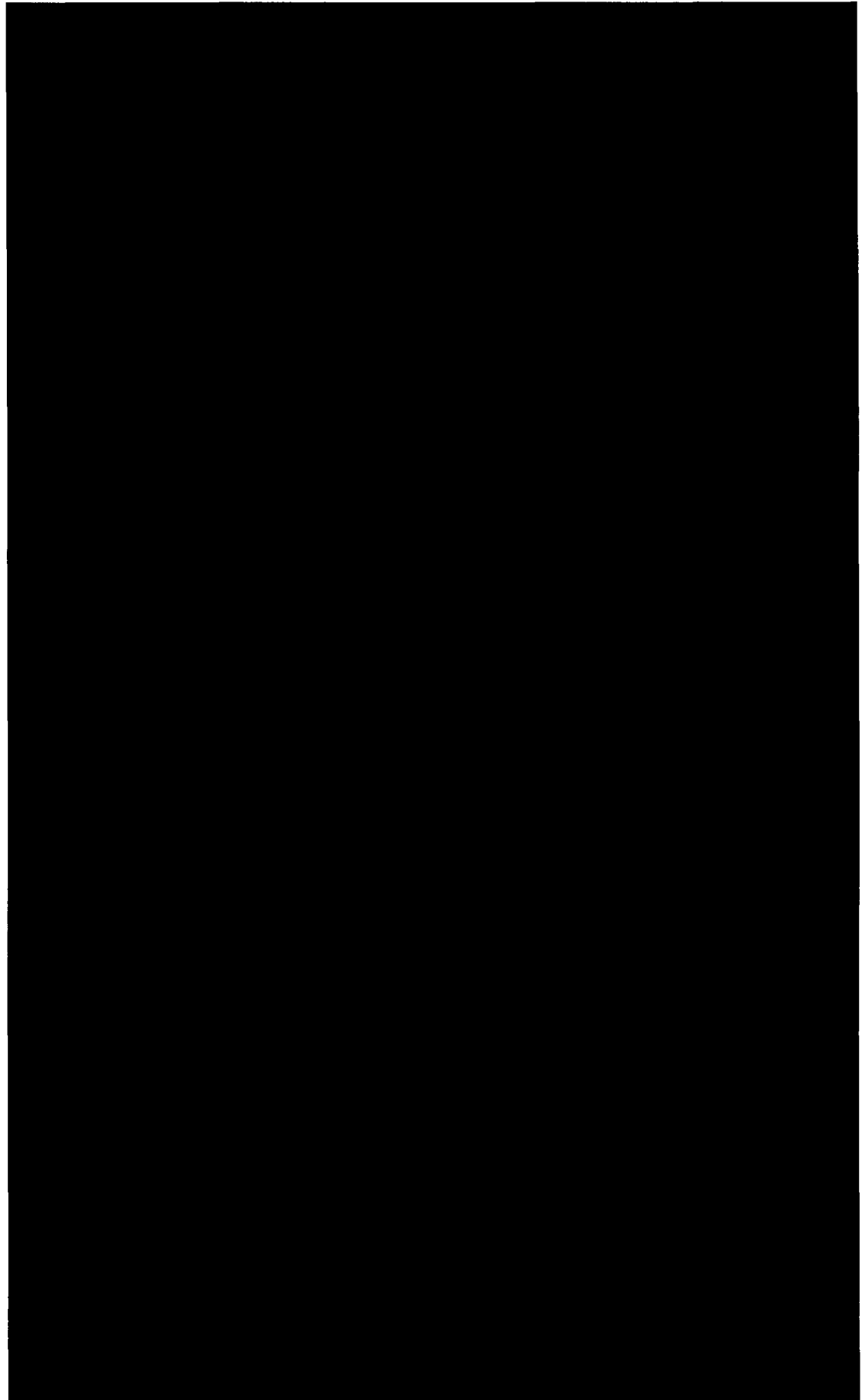
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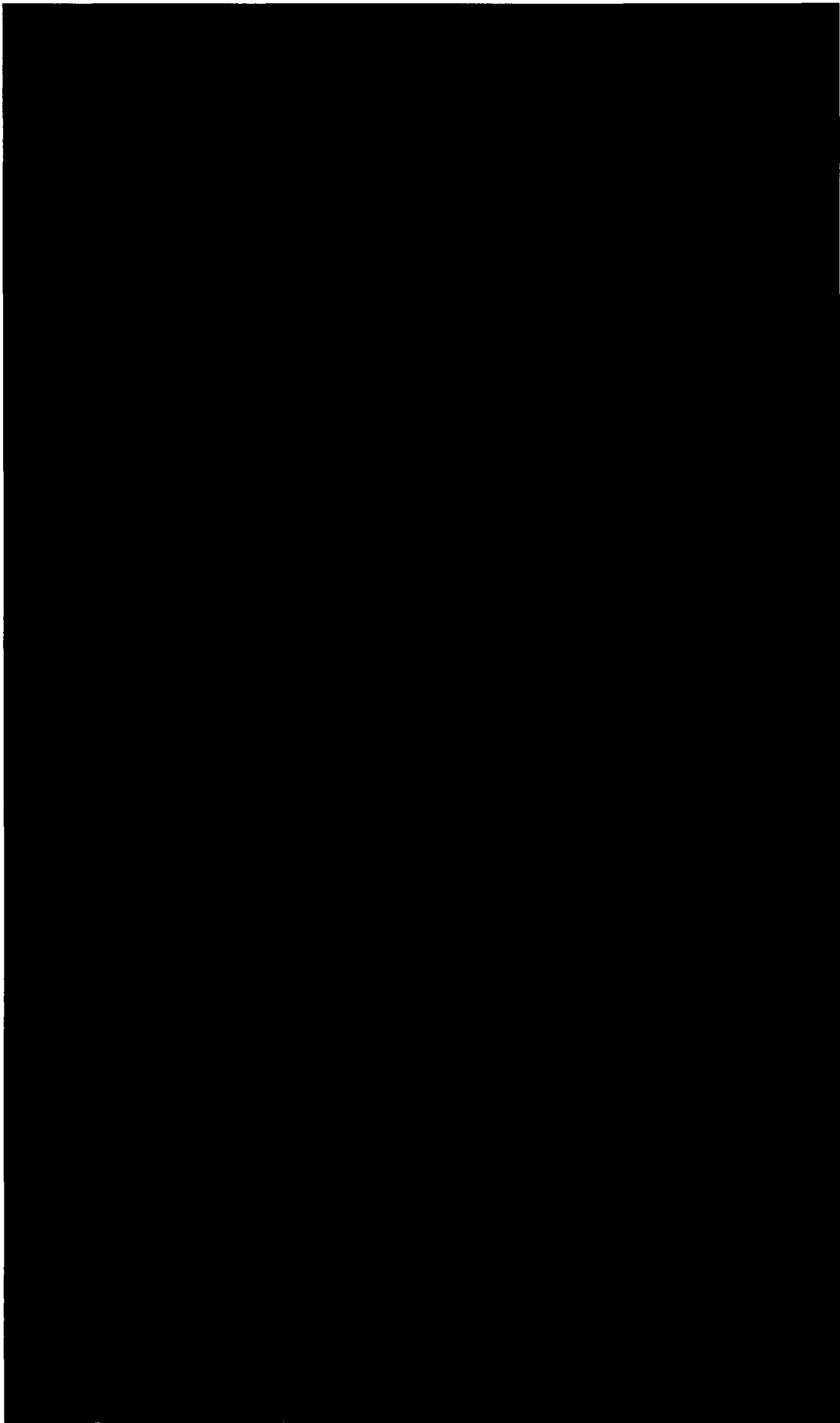
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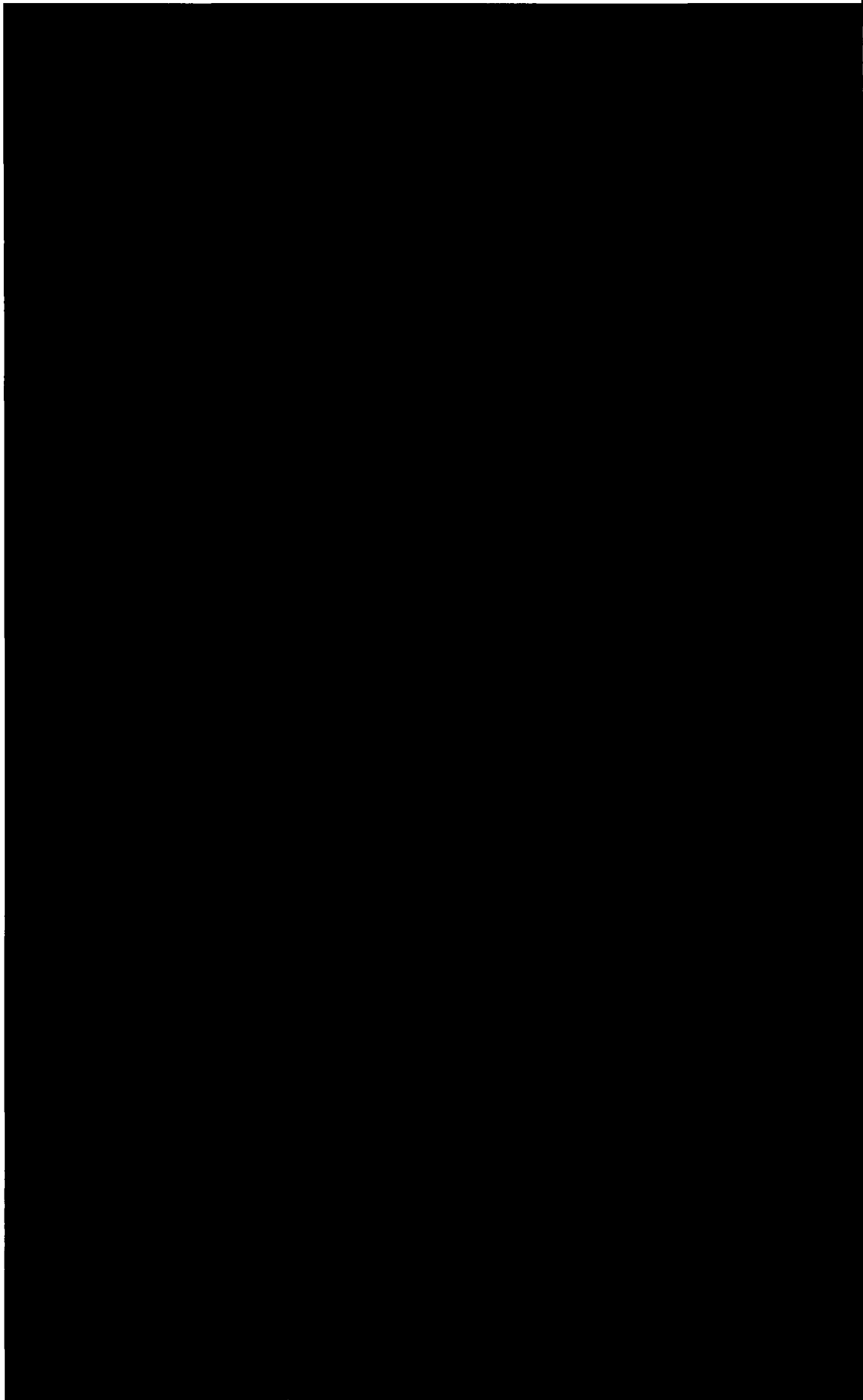
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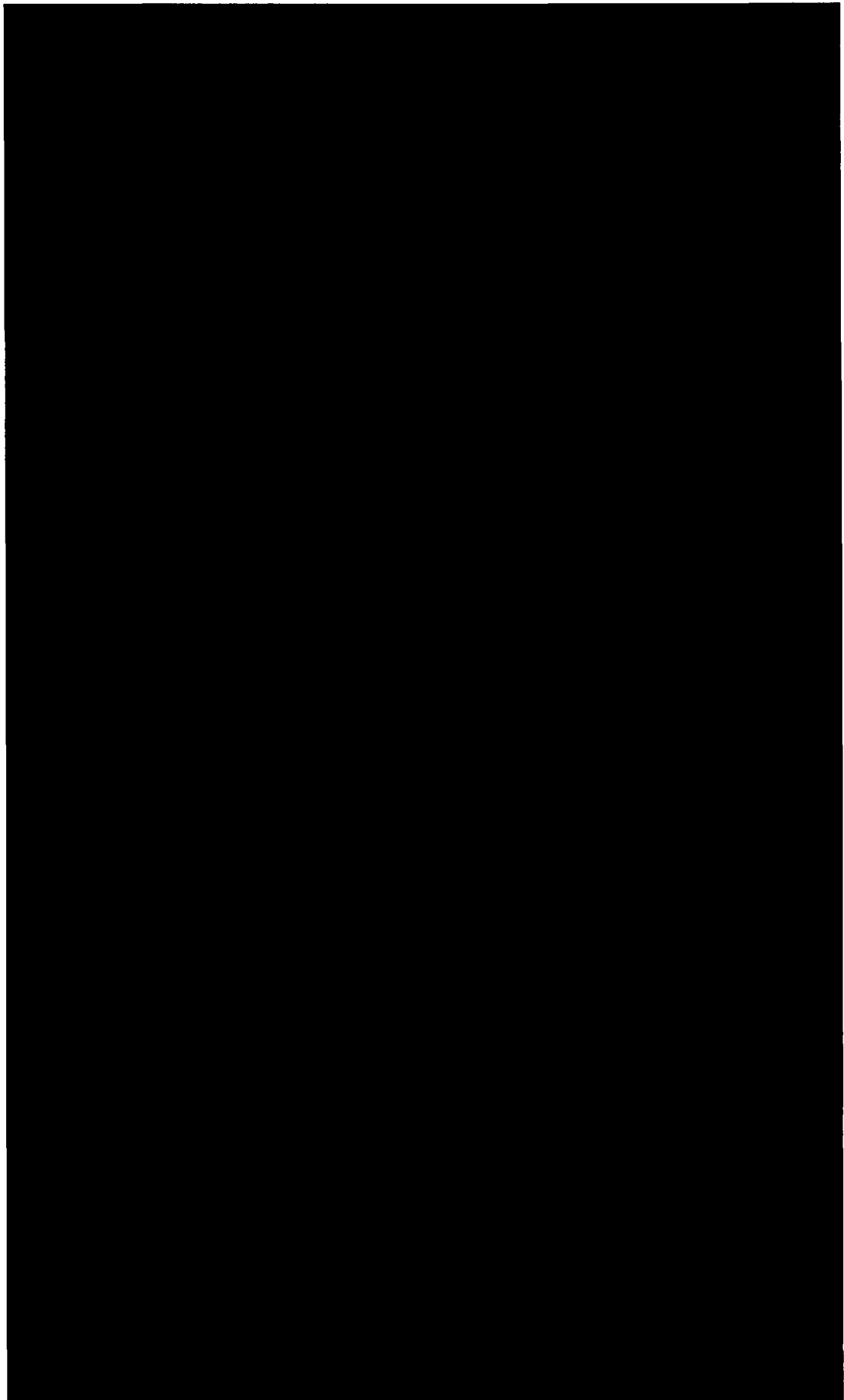
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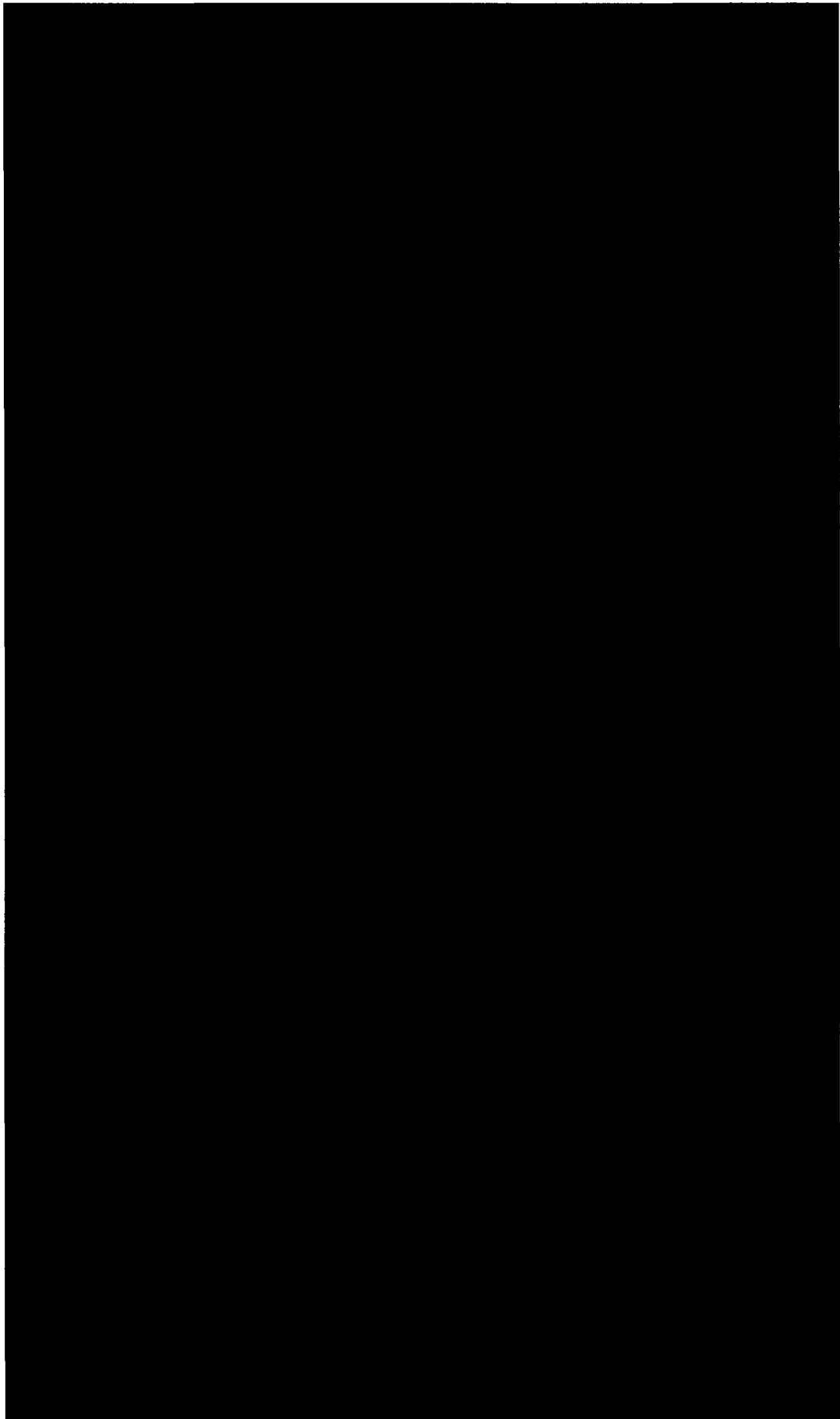
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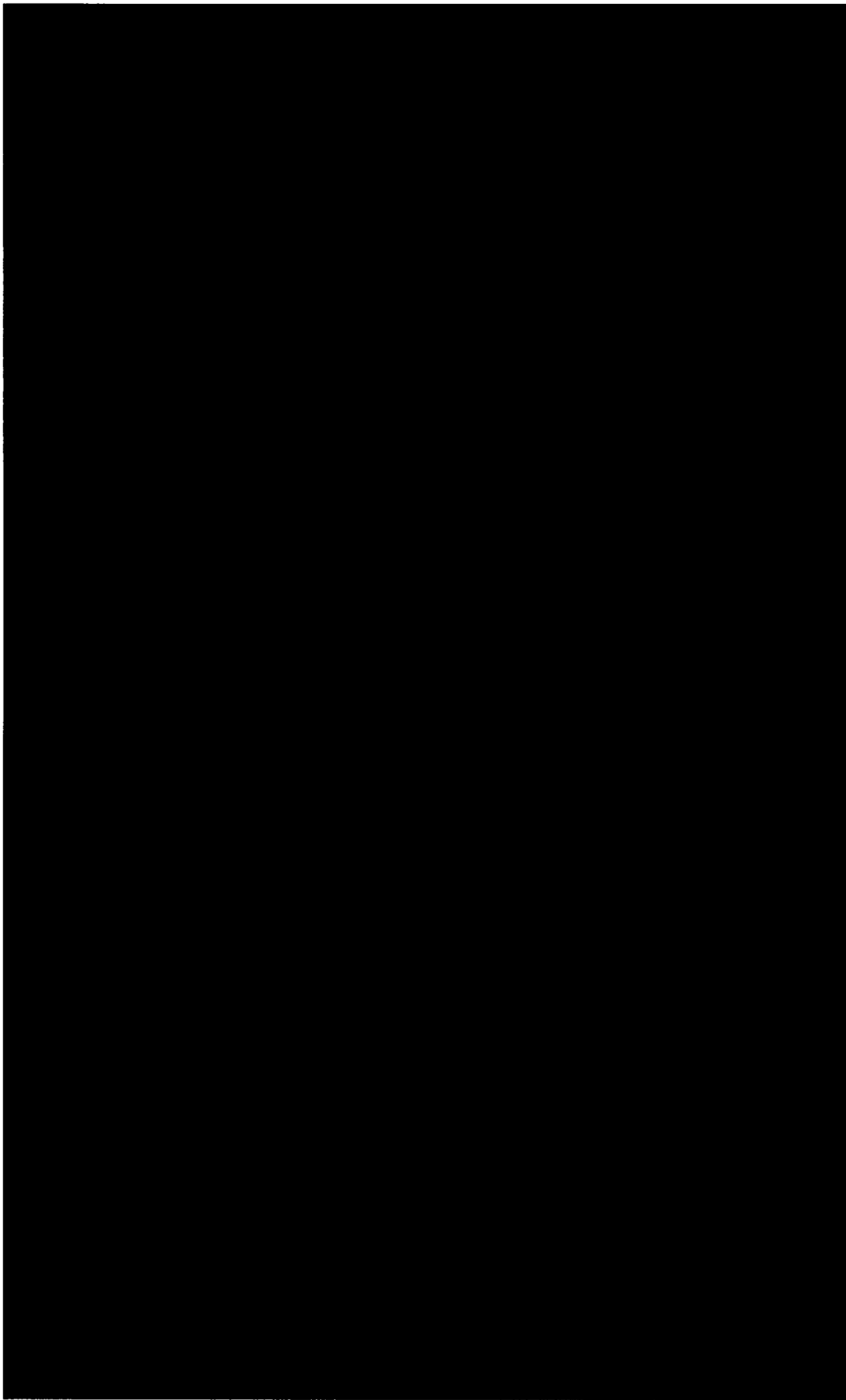
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9 (CONFERENCE CALL INITIATED)

10 OPERATIONS OFFICER: Becky Schmidt is
11 coming up. The Commissioner is coming up on the
12 bridge, too. Excuse me, the Chairman is coming up on
13 the bridge, now.

14 CHAIRMAN JACZKO: Hello?

15 MR. BORCHARDT: Hi, Chairman.

16 CHAIRMAN JACZKO: How are you?

17 MR. BORCHARDT: How are you? So, we don't
18 really have a lot that's changed, actually. We just
19 sent you an update of the Ops Center status.

20 CHAIRMAN JACZKO: Okay.

21 MR. BORCHARDT: And in there is the
22 essence, or a run-down of a TEPCO press release that
23 we received fairly recently, which the bottom line
24 would be indicative of things have at least stabilized
25 and I think have turned the corner and are improving a

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1 little bit.

2 CHAIRMAN JACZKO: Okay.

3 MR. BORCHARDT: So, if you don't mind,
4 I'll just go through the six units.

5 CHAIRMAN JACZKO: Yes, that would be
6 great.

7 MR. BORCHARDT: Very briefly.

8 CHAIRMAN JACZKO: Give me just a moment.
9 Let me pull up that email, so, I can follow along
10 there.

11 MR. BORCHARDT: Okay. Are you using a
12 computer or your BlackBerry?

13 CHAIRMAN JACZKO: Computer.

14 MR. BORCHARDT: Okay.

15 CHAIRMAN JACZKO: Actually, I read it on
16 my BlackBerry, but I'm actually to look at it on my
17 computer, now, it's just taking me a minute.

18 MR. BORCHARDT: Okay, so, I'll be going to
19 what is page three of the report.

20 CHAIRMAN JACZKO: Okay.

21 MR. BORCHARDT: While that is coming up,
22 I'll just tell you, we're doing a couple of other
23 things that we have working.

24 CHAIRMAN JACZKO: Okay, good.

25 MR. BORCHARDT: There's been a number of

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1 contacts from states, especially, I guess, out on the
2 west coast, asking for some information.

3 So, the liaison team is putting together
4 some talking points.

5 CHAIRMAN JACZKO: Okay, good.

6 MR. BORCHARDT: That we're going to have
7 ready to go tomorrow morning, bright and early.

8 CHAIRMAN JACZKO: Okay, great.

9 MR. BORCHARDT: That we can give to the
10 regional state liaison officers, and then they can do
11 the outreach.

12 CHAIRMAN JACZKO: Okay, good.

13 MR. BORCHARDT: We don't think that
14 anything we already have is right, because we're going
15 with the assumption, anything we give the States will
16 become immediately public knowledge.

17 CHAIRMAN JACZKO: Yes.

18 MR. BORCHARDT: So, we're being careful
19 about what we put in there.

20 CHAIRMAN JACZKO: Good.

21 MR. BORCHARDT: And then we're still
22 trying to work the IAEA communication thing, but we
23 don't seem to be getting anywhere on that.

24 CHAIRMAN JACZKO: Okay. Do we have any
25 news on our two travelers status?

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1 MR. BORCHARDT: A little bit, Tony should
2 be arriving in another two to three hours.

3 CHAIRMAN JACZKO: Okay.

4 MR. BORCHARDT: We heard from him several
5 hours ago, and Jim Trapp already left, maybe an hour
6 ago.

7 CHAIRMAN JACZKO: Okay.

8 MR. BORCHARDT: His plane was a little bit
9 delayed.

10 CHAIRMAN JACZKO: Okay.

11 MR. BORCHARDT: The unfortunate thing is,
12 CNN is -- has a (inaudible) that says, "NRC is sending
13 two nuclear experts to help."

14 CHAIRMAN JACZKO: Okay.

15 MR. BORCHARDT: Which, you know, is maybe
16 not the -- well, it's not the way we portrayed it, but
17 --

18 CHAIRMAN JACZKO: That's okay.

19 MR. BORCHARDT: Yes.

20 CHAIRMAN JACZKO: Okay, so, I have the
21 units in front of me.

22 MR. BORCHARDT: Okay, so, right before
23 Unit 1, it says, "Winds are directed out to sea."

24 CHAIRMAN JACZKO: Yes.

25 MR. BORCHARDT: Okay, so, that is still

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1 the situation meteorologically.

2 Okay, so, Unit 1, which is what we've been
3 focusing on so much before, we're hearing a consistent
4 message that borated sea water is being injected into
5 the vessel. We don't know how, and we don't know if
6 it's stand-by liquid control, or what system is being
7 used.

8 CHAIRMAN JACZKO: Okay.

9 MR. BORCHARDT: But that water level has
10 stabilized and there is no indication of degrading
11 core conditions, at all, from any source that we're
12 getting on that.

13 CHAIRMAN JACZKO: Do we know if the core
14 is covered, at this point, or not?

15 MR. BORCHARDT: Well, no, somewhere, we
16 were developing the view that at least at one point,
17 the core was maybe a third uncovered.

18 CHAIRMAN JACZKO: Yes.

19 MR. BORCHARDT: And the water level beams
20 were covered, so, but we don't know if water level is
21 above top of active fuel or what the exact level is.

22 CHAIRMAN JACZKO: Okay.

23 MR. BORCHARDT: Radiation levels are not
24 -- we're not getting any indication that they're
25 getting any worse.

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1 CHAIRMAN JACZKO: Okay.

2 MR. BORCHARDT: We seem to be developing
3 consensus that the explosion and the top of the
4 reactor building was, in fact, a hydrogen explosion.

5 CHAIRMAN JACZKO: Okay.

6 MR. BORCHARDT: Probably caused by a leak
7 in the stand-by gas treatment system when they were
8 venting containment.

9 CHAIRMAN JACZKO: Okay, all right.

10 MR. BORCHARDT: So, that's Unit 1, and
11 there was a TEPCO press conference that said, you
12 know, declared that the reactor was safe on Unit 1,
13 and like I said, we're not seeing anything that would
14 be counter to that.

15 CHAIRMAN JACZKO: Okay.

16 MR. BORCHARDT: Unit 2 had been using RIK-
17 SEA to inject water. The status says now that the
18 RIK-SEA was shut down.

19 CHAIRMAN JACZKO: Okay.

20 MR. BORCHARDT: We don't know if it's shut
21 down on its own, or if the operator shut it down, but
22 water level is steady, although lower than normal.

23 But again, no radiation -- no indications
24 of any radiation levels or any abnormal occurrence,
25 but what you'll see for Units 2 and 3 is that the

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1 licensee is working with -- to get, I guess, NISA's
2 permission to vent the containment.

3 CHAIRMAN JACZKO: Okay.

4 MR. BORCHARDT: And that would be normal,
5 because they've lost cooling to the containment, there
6 would be some build-up and it would be a precautionary
7 measure.

8 CHAIRMAN JACZKO: Okay.

9 MR. BORCHARDT: That's for both units.

10 CHAIRMAN JACZKO: Now, on that, would
11 there be a point under normal -- I mean, at what point
12 under a normal cool-down would you be able to -- I
13 mean, is there a time at which you'd be able to shut
14 off RIK-SEA, or would that stay on?

15 MR. BORCHARDT: Yes, well, when the
16 temperature -- when you're no longer producing steam -
17 -

18 CHAIRMAN JACZKO: Yes.

19 MR. BORCHARDT: -- RIK-SEA won't work
20 anymore, because it's a stream driven turbine.

21 CHAIRMAN JACZKO: Got it.

22 MR. BORCHARDT: And so, that would be the
23 big, I guess, the big driver in this. It's going to
24 be well above 200 degrees, before you have enough
25 horse to turn the turbine.

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1 CHAIRMAN JACZKO: Yes.

2 MR. BORCHARDT: But then normally, you
3 would transition to low pressure coolant injection, or
4 something, to do cool-down, but they don't have any of
5 those electrical -- electrical power to run those
6 pumps.

7 CHAIRMAN JACZKO: So, is it --

8 MR. BORCHARDT: This would just run --
9 they would use RIK-SEA until, you know, they've gotten
10 the pressure down to as low as they can get it.

11 CHAIRMAN JACZKO: Yes, okay. So, we don't
12 know whether that's the reason RIK-SEA is not working,
13 or whether it's because there's been a problem with
14 pumps or a leak somewhere, or something?

15 MR. BORCHARDT: Yes, that's right.

16 CHAIRMAN JACZKO: Okay, all right.

17 MR. BORCHARDT: Unit 3, they're continuing
18 to use high pressure core injections.

19 CHAIRMAN JACZKO: Okay.

20 MR. BORCHARDT: And there is no leak
21 inside containment. Same thing, they're getting
22 NISA's permission to vent the containment.

23 CHAIRMAN JACZKO: Okay.

24 MR. BORCHARDT: Just because of the normal
25 heat-up.

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1 CHAIRMAN JACZKO: Okay.

2 MR. BORCHARDT: Units 4, 5 and 6 were
3 already shut down. No problems, nothing expected.

4 CHAIRMAN JACZKO: Anything else? Any of
5 the other units?

6 MR. BORCHARDT: Well, you know, there is
7 that other complex of units, 10 miles, or 10
8 kilometers south of these six, and we're just getting
9 -- CNN covered a story, which is the first we've heard
10 of it, that there may be a loss of coolant in that --
11 in a unit down there.

12 CHAIRMAN JACZKO: Okay.

13 MR. BORCHARDT: They're saying in a second
14 unit, but it's --

15 CHAIRMAN JACZKO: Okay.

16 MR. BORCHARDT: But we have nothing to
17 confirm that. It's just general sense, CNN is really
18 lagging on the story, I think.

19 CHAIRMAN JACZKO: Okay.

20 MR. BORCHARDT: Compared to other sources.
21 They seem to be really late and really going after
22 dramatic impact.

23 CHAIRMAN JACZKO: Okay.

24 

25

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CHAIRMAN JACZKO: Yes.

MR. BORCHARDT: So, this is more of what they're talking, and they're the only ones that have reported the second unit problem.

CHAIRMAN JACZKO: Okay, is Eliot there?

MR. BRENNER: I am here, and I was on the phone with Jean Mazzura on my way home. She was begging me for confirmation of this.

CHAIRMAN JACZKO: Eliot?

MR. BRENNER: Yes.

CHAIRMAN JACZKO: Sorry.

MR. BRENNER: Yes, I'm here. Can you hear me all right?

CHAIRMAN JACZKO: Yes, we lost you for a second.

MR. BRENNER: Okay, I was on the phone with Jean Mazzura, driving home. She was begging me for confirmation on this reported melt down, and she'll be very disappointed when I call her back and say, "I can't confirm it."

CHAIRMAN JACZKO: Okay, and you know, again, well, not sure what they mean by melt down, but

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1 from what we've been saying internally, we believe
2 that there -- at this point, there is a high
3 likelihood that there was fuel damage.

4 MALE PARTICIPANT: Yes.

5 CHAIRMAN JACZKO: Okay.

6 MR. BRENNER: And my apologies, I was
7 referring to --



17 CHAIRMAN JACZKO: Okay.

18 MALE PARTICIPANT: There is no way that
19 that's right, the right answer.

20 CHAIRMAN JACZKO: Yes.

21 MALE PARTICIPANT: But he admitted that
22 there was some fuel damage, but Wolfe Blitzer wanted
23 to go to a core meltdown.

24 CHAIRMAN JACZKO: Okay.

25 MALE PARTICIPANT: And he said no, there

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1 has not been a core meltdown.

2 CHAIRMAN JACZKO: Okay, Eliot, did you
3 want to say something else?

4 MR. BRENNER: I did, and I wanted to
5 apologize for referencing meltdown in relation, the
6 reference to loss of coolant at another reactor.

7 CHAIRMAN JACZKO: Okay.

8 MR. BRENNER: Which I won't be able to
9 confirm.

10 CHAIRMAN JACZKO: Okay, okay, how are we
11 doing -- I'm sorry, Bill, other things you wanted to
12 go through?

13 MR. BORCHARDT: No, that's really it. We
14 haven't, like I said, made any progress with IAEA. We
15 have talked with a couple of other Government
16 agencies, just to place status reports.

17 CHAIRMAN JACZKO: Good.

18 MR. BORCHARDT: But nothing, we haven't
19 really learned anything through that.

20 CHAIRMAN JACZKO: Okay.

21 MR. BORCHARDT: So, let me see, we have
22 anything, protective measures?

23 FEMALE PARTICIPANT: Nothing new.

24 MR. BORCHARDT: Okay. Anything?

25 MALE PARTICIPANT: We talked to GE again

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1 today, just to confirm --

2 CHAIRMAN JACZKO: I'm sorry, can you speak
3 up a little bit?

4 MR. BORCHARDT: Sure.

5 MALE PARTICIPANT: Yes, Chairman. We
6 talked to General Electric again. They have, you
7 know, they've established the wrong kind of command
8 center down in Wilmington, and we just touched base
9 with them, to make sure they had no new information.

10 The only new information they provided us
11 was kind of, you know, what are the limits on RIK-SEA
12 operations, to our technical staff, who has that now.

13 CHAIRMAN JACZKO: Okay.

14 MALE PARTICIPANT: You know, so, they
15 continue to confirm that they haven't talked, you
16 know, they're always careful to say, "We haven't
17 talked to the customer, at all."

18 CHAIRMAN JACZKO: Okay.

19 MALE PARTICIPANT: And that is still
20 remains true.

21 CHAIRMAN JACZKO: Okay.

22 MALE PARTICIPANT: We are, as are the
23 other teams, working on the Q&A's, and with the goal
24 of having the Q&A's done, but whatever level, by 11
25 o'clock tonight, so that they can receive higher level

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1 review by tomorrow.

2 CHAIRMAN JACZKO: Okay.

3 MALE PARTICIPANT: Tomorrow morning, in
4 time for not only distribution to the Chairman and
5 others, but in time for Commissioner Apostolakis, when
6 he goes to North Carolina.

7 CHAIRMAN JACZKO: Okay, well, then let's
8 take --

9 MALE PARTICIPANT: I mean, Monday.

10 CHAIRMAN JACZKO: Yes, let's take
11 Commissioner Apostolakis on a (inaudible) for what
12 we're doing.

13 MALE PARTICIPANT: Yes, sir.

14 CHAIRMAN JACZKO: Focus on that, and I'm
15 going to have to ask you to accelerate that time line,
16 a lot.

17 I'd like a version by eight, because I do
18 worry that we may need to get something out
19 publically, soon. So, I'd like to have that ready by
20 eight o'clock, and we're probably have to run, at
21 least share it in the inter-agency, so, we can try and
22 have a consistent coordinated message.

23 So, if you can give me what you have by
24 eight o'clock and then again, continue to work on it
25 and do an updated version by 11 o'clock, can you -- is

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1 that doable?

2 MALE PARTICIPANT: By eight o'clock
3 tonight, you're saying?

4 CHAIRMAN JACZKO: Yes.

5 MALE PARTICIPANT: I don't know what --

6 MR. BORCHARDT: Well, I mean, obviously,
7 we can always provide it in whatever condition we
8 have.

9 CHAIRMAN JACZKO: Okay.

10 MR. BORCHARDT: But let us look to see if
11 we can stand behind the version that we have.

12 CHAIRMAN JACZKO: Okay.

13 MR. BORCHARDT: Because I wouldn't want us
14 to, you know, so, I'll see what we can do.

15 CHAIRMAN JACZKO: Okay, good.

16 MALE PARTICIPANT: Just a couple of
17 items. In terms of our communication with the IAEA,
18 we have had some discussions internally with Penny
19 Jones and also, we contacted Mark Shafer.

20 The brief that we're getting is that all
21 the information that IAEA has, it's been put into
22 NREP. So, we should have the latest information that
23 they have.

24 CHAIRMAN JACZKO: Okay.

25

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1 [REDACTED]
2 [REDACTED]
3 [REDACTED]
4 [REDACTED]
5 We can continue to try and contact them,
6 as such, (inaudible).

7 CHAIRMAN JACZKO: And we're getting the
8 NREP reports?

9 MALE PARTICIPANT: Yes.

10 CHAIRMAN JACZKO: Okay, yes, then for now,
11 let's leave that as sufficient.

12 MALE PARTICIPANT: Okay, we have gotten
13 some reports in very recently from HHS, in terms --
14 asking us to confirm this report of second exposure at
15 one of the reactors.

16 They, apparently, have seen something on
17 one of the news stations about there being a second
18 explosion, which was the first time we had heard about
19 that, and they called us to ask us if we could confirm
20 that.

21 We're trying to find out where they're
22 getting their information from, but we haven't gotten
23 anymore insights on that.

24 CHAIRMAN JACZKO: Okay, and can we just
25 send them, then, the 1830 update that we did?

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1 MALE PARTICIPANT: Well, we sent them to
2 the -- the press release that the Japanese put out.

3 CHAIRMAN JACZKO: Okay, well, let's -- I'd
4 like to continue to work around this one central
5 document that we have.

6 So, you know, we'll give them as update
7 and accurate information as we have, and so, if you
8 can forward that to them, and tell them that's what we
9 know, as of, you know, as of 1830, and we'll update it
10 when we get more accurate and confirmed information.

11 MALE PARTICIPANT: Okay.

12 MR. BORCHARDT: And I just got handed a
13 report, research by World Nuclear News, that might be
14 the source of this second unit.

15 CHAIRMAN JACZKO: Okay.

16 MR. BORCHARDT: It talks about the
17 Fukushima Daini.

18 CHAIRMAN JACZKO: Okay.

19 MR. BORCHARDT: Which was the set of four
20 units that's 10 miles south of the others that we've
21 been talking about.

22 CHAIRMAN JACZKO: Okay.

23 MR. BORCHARDT: It says, "Unit 1 reactor
24 core isolation cooling system had been operating
25 normally," and however, it was lost at 5:32 a.m. local

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1 time, which was not that long ago, when its
2 suppression chamber reached 100 degrees Centigrade.

3 CHAIRMAN JACZKO: Okay.

4 MR. BORCHARDT: And this led TEPCO to
5 notify the Government of another technical emergency
6 situation.

7 CHAIRMAN JACZKO: Okay.

8 MR. BORCHARDT: All right, so, they are
9 preparing to vent the containment and so, that's it.
10 So, I don't know that it's nearly as -- I mean, it's a
11 serious situation, but maybe not as dire as what the
12 first report sounded like.

13 CHAIRMAN JACZKO: Does it have --

14 MR. BORCHARDT: But they have offsite
15 power available at these units.

16 CHAIRMAN JACZKO: Okay, they do? That was
17 my question, those units do have offsite power?

18 MR. BORCHARDT: Yes, well, according to
19 the same report.

20 CHAIRMAN JACZKO: Okay.

21 MR. BORCHARDT: Yes.

22 CHAIRMAN JACZKO: Okay.

23 MR. BRENNER: I apologize, this is Eliot.
24 Is that a Government report or a news agency report?

25 MR. BORCHARDT: World Nuclear News, it's a

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1 -- they put out these daily updates. They're kind of
2 like (inaudible), I think.

3 CHAIRMAN JACZKO: Okay.

4 MALE PARTICIPANT: It's a commercial news
5 operation.

6 MR. BORCHARDT: I believe so.

7 CHAIRMAN JACZKO: Okay, thanks. Okay,
8 well, let's continue, as frequently as is appropriate,
9 and when we do have new information, to update these
10 reports, and I like the format that was in this last
11 one. I think it's very usable and very accessible,
12 and continue to update that on a periodic basis,
13 again, with information that we are very confident in,
14 and continue to provide that throughout the Federal
15 Government.

16 My thinking being here that we are going
17 to be able to interpret the various sources of
18 information better than any other organization.

19 So, but use your same high standards for
20 credibility and the accuracy.

21 MR. BORCHARDT: Okay.

22 CHAIRMAN JACZKO: And then if we can shoot
23 for a version then by eight o'clock, so, I can start
24 taking a look at that and Eliot, do you have a sense,
25 then, again, are you -- where are you, in terms of

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1 your comfort with our public communications?

2 MR. BRENNER: I'm fine right now.

3 CHAIRMAN JACZKO: Okay.

4 MR. BRENNER: Most of the attention is
5 still in Japan, but it will turn, and we should be
6 ready.

7 CHAIRMAN JACZKO: Okay, and you know, I
8 think at this point, you know, it's possible it could
9 even turn, you know, this evening or things like that.

10 That's why I think we need to have -- we need to have
11 something on paper to get ready to go.

12 We can keep modifying it and working on it
13 over the rest of the evening, but let's shoot to have
14 something on paper by eight o'clock.

15 MR. BORCHARDT: Okay, we'll do our best.

16 CHAIRMAN JACZKO: Okay, Eliot, did you
17 make any progress with the White House, in terms of
18 Sunday evening?

19 MR. BRENNER: I did not.

20 CHAIRMAN JACZKO: Okay.

21 MR. BRENNER: I'll give them another
22 nudge.

23 CHAIRMAN JACZKO: Okay.

24 MR. BRENNER: And I also had one other
25 (inaudible) request, which I dodged.

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1 CHAIRMAN JACZKO: Okay, yes, and I think
2 for now, that's probably a good idea, and -- to dodge
3 it, because it probably will only start feeding them,
4 wanting to talk to us more, and at this point, if
5 they're forced to focus on Japan, that's probably the
6 right place to be focusing right now.

7 MR. BRENNER: All right.

8 CHAIRMAN JACZKO: Okay, well, good,
9 everybody. Can we do an update then with me again, at
10 -- Bill, what would you recommend is a good time?

11 MR. BORCHARDT: Maybe 10 o'clock.

12 CHAIRMAN JACZKO: Okay, sounds good, and
13 of course, if something changes in the meantime,
14 please, give me a call and I'll be watching the news.

15 MR. BORCHARDT: Okay.

16 CHAIRMAN JACZKO: Okay, thanks everybody,
17 appreciate it.

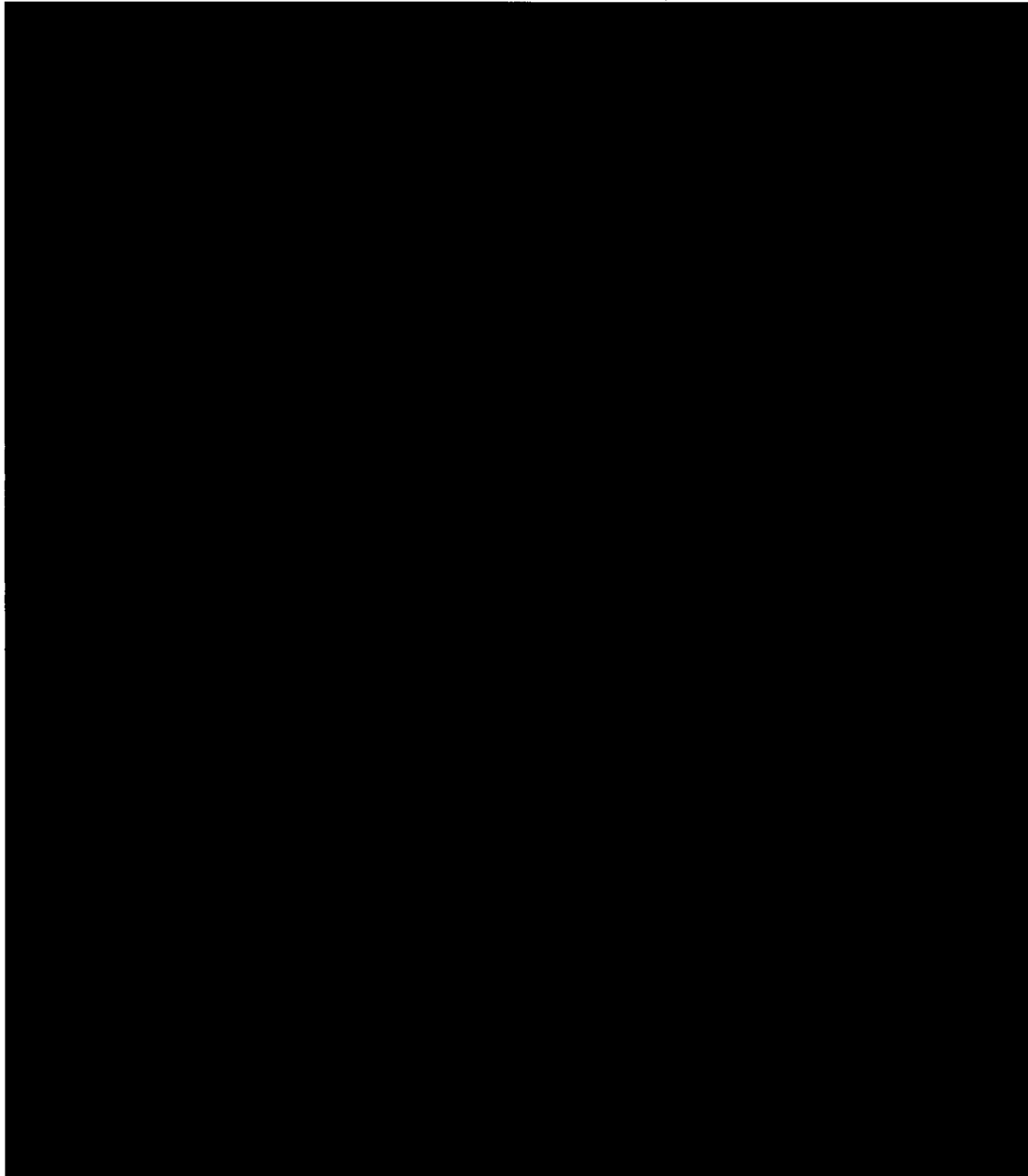
18 MR. BORCHARDT: All right.

19 (CONFERENCE CALL CONCLUDED)
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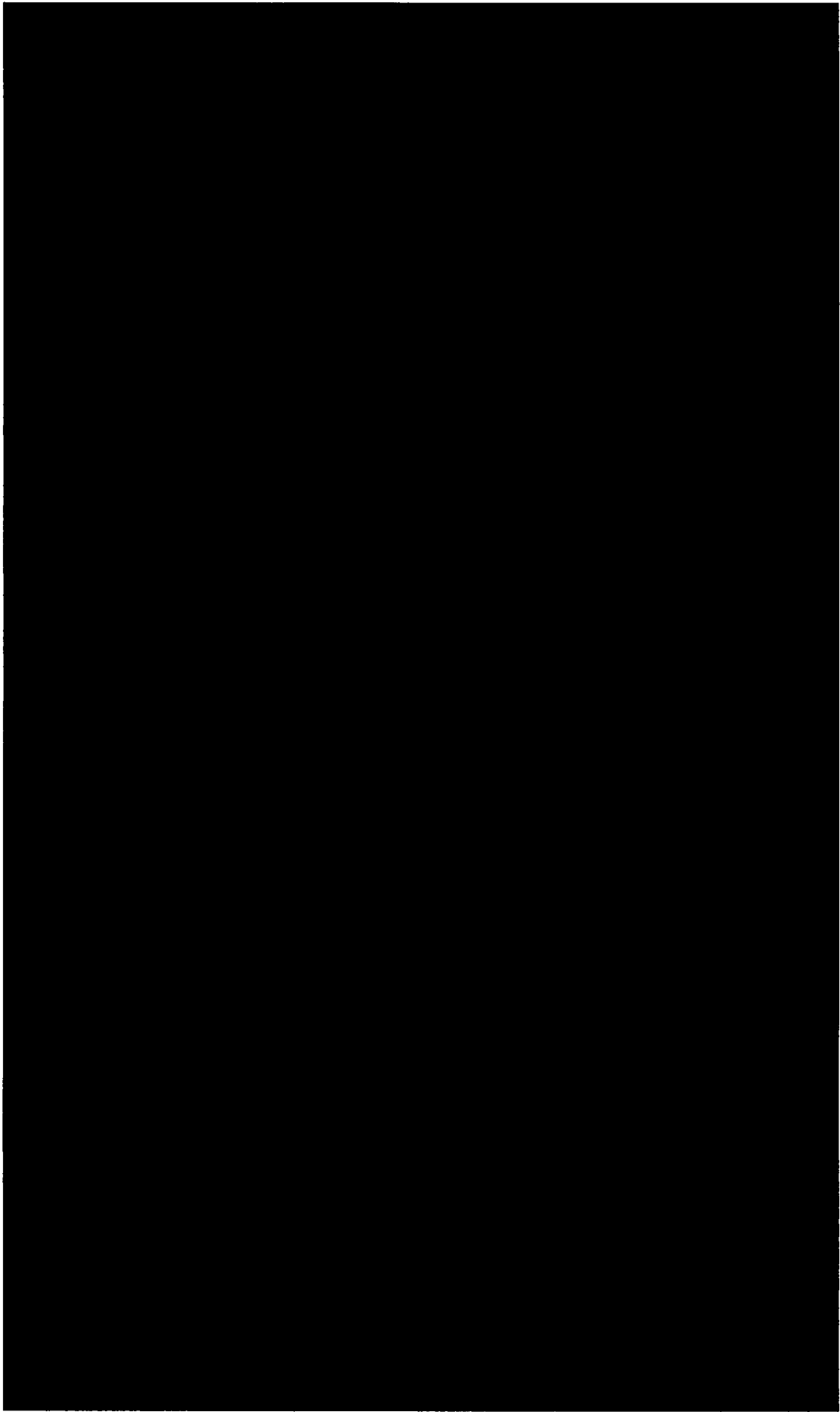
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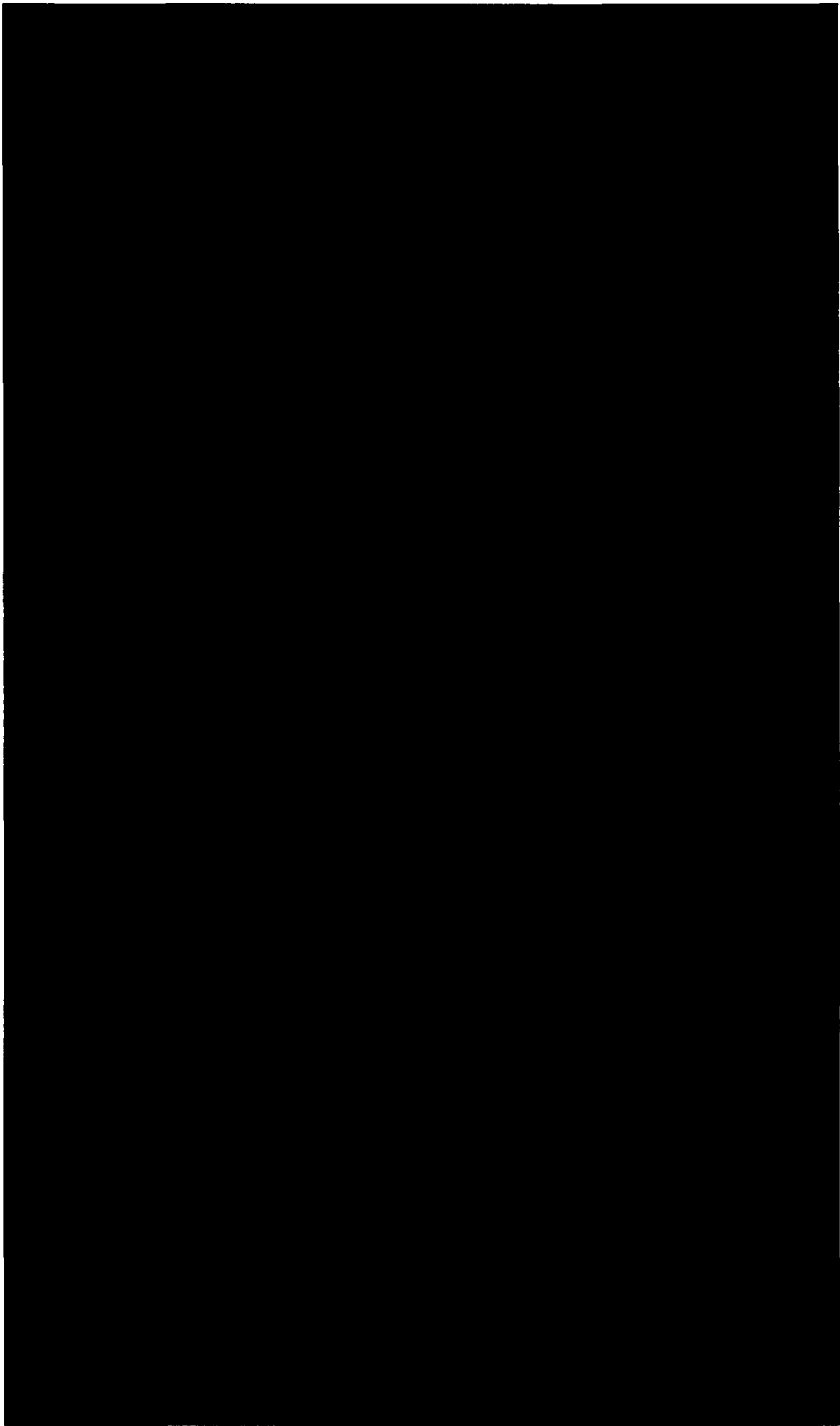
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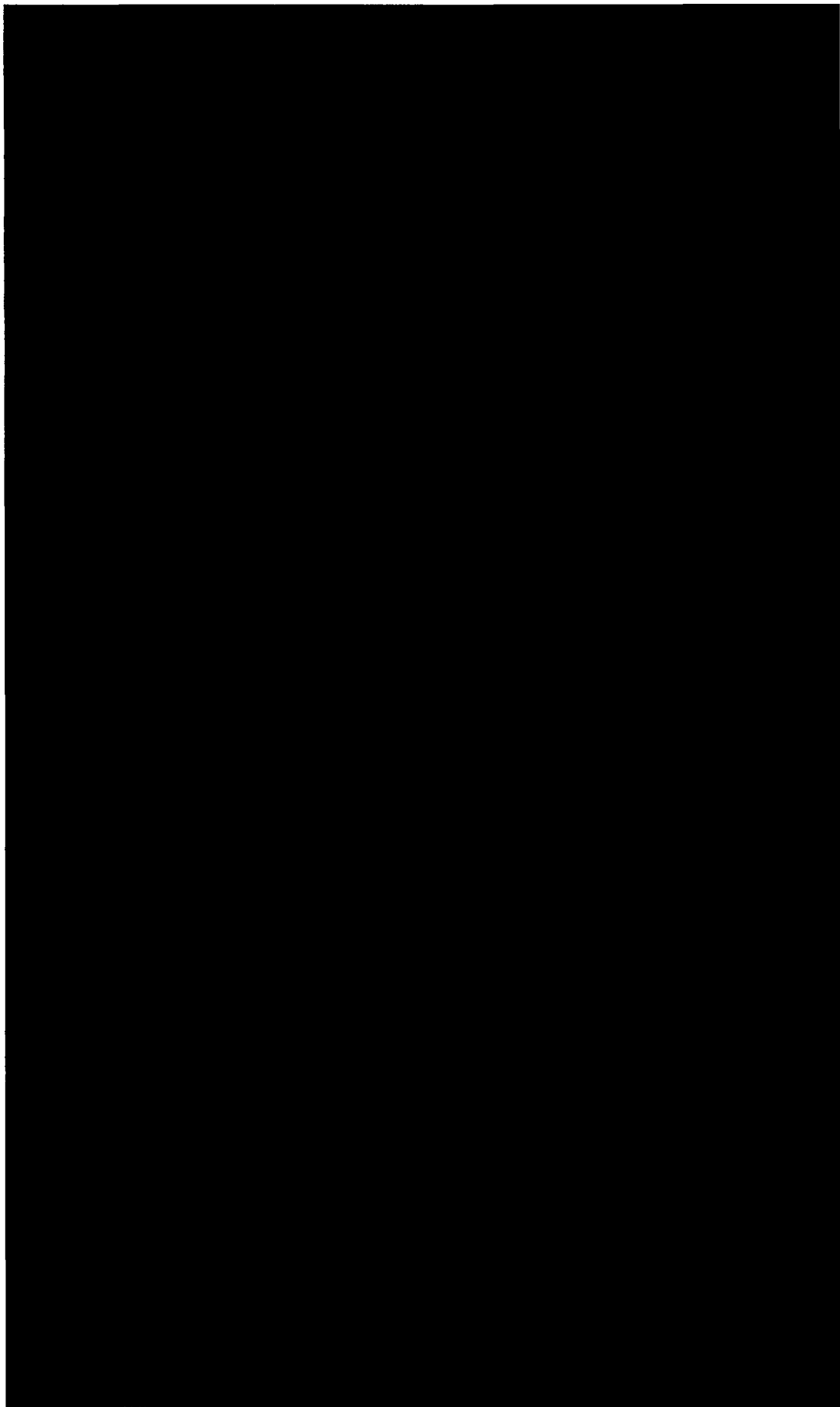
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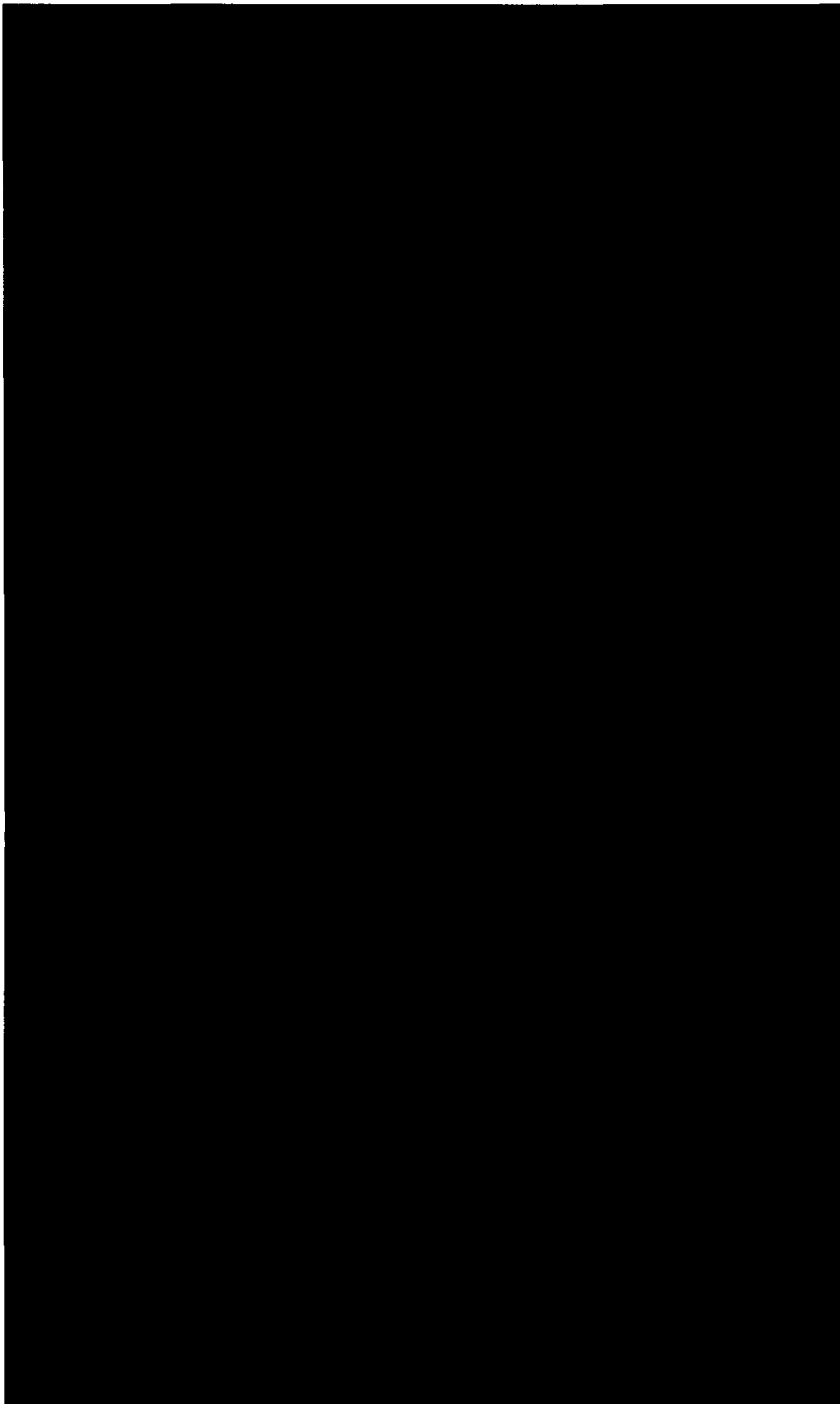
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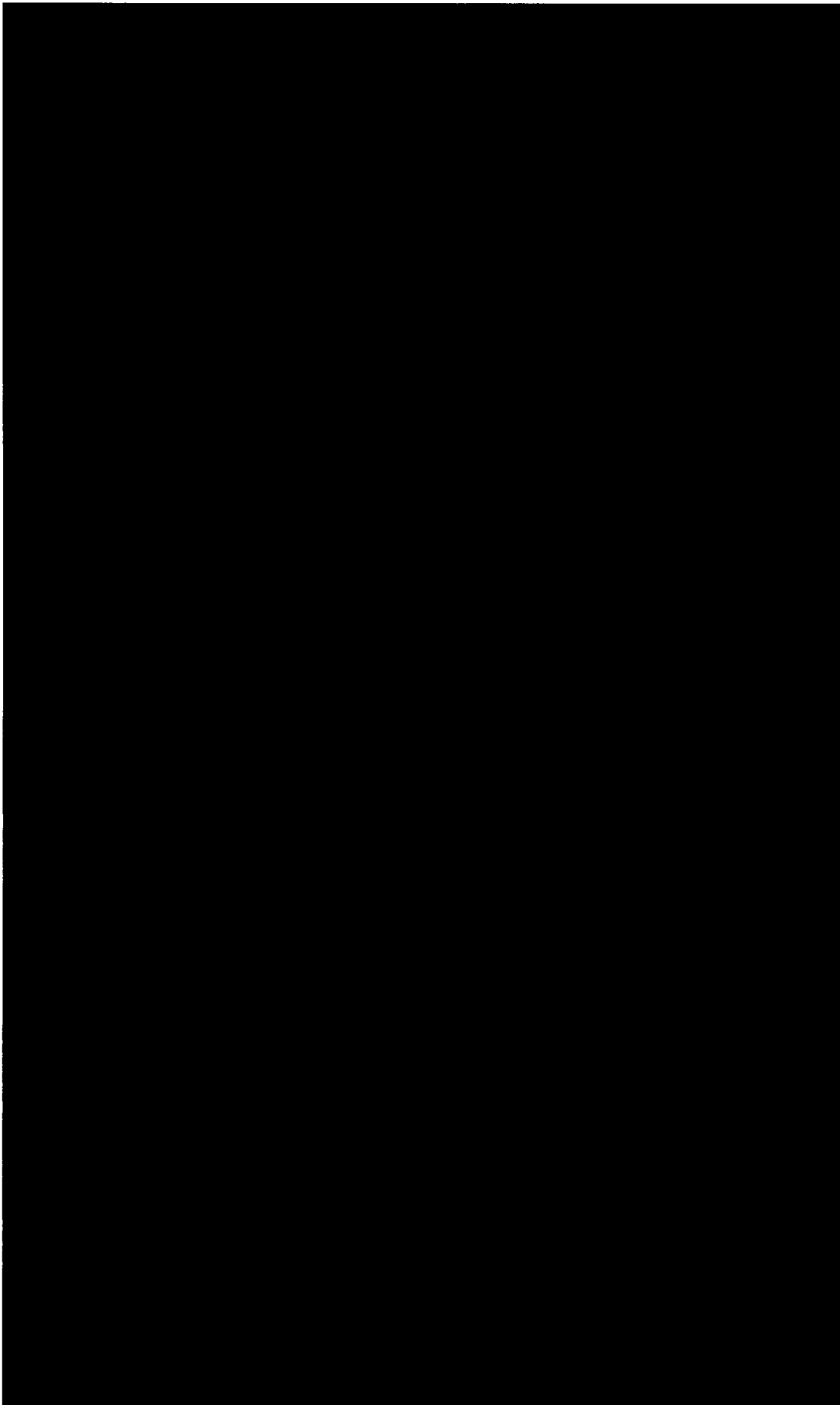
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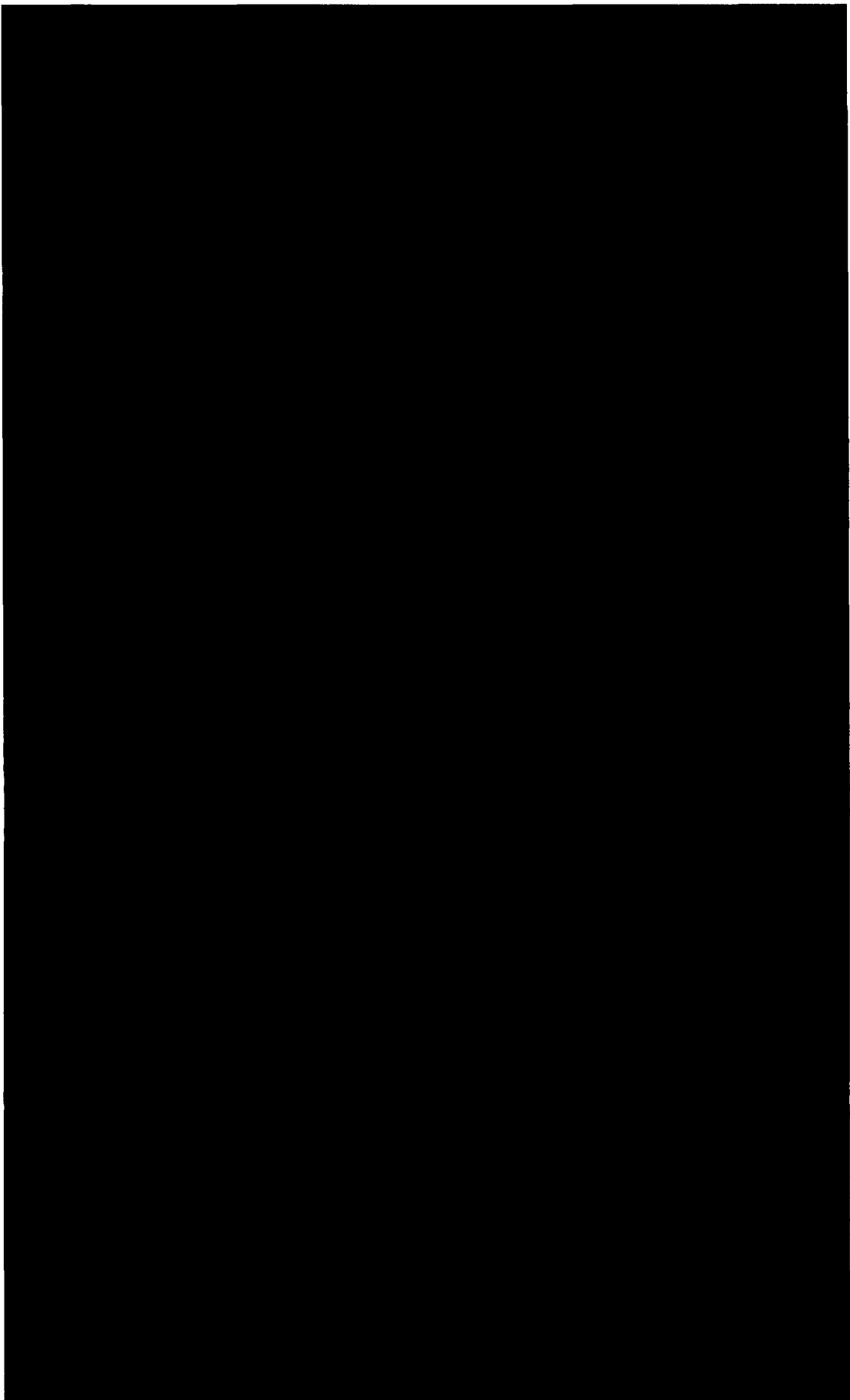
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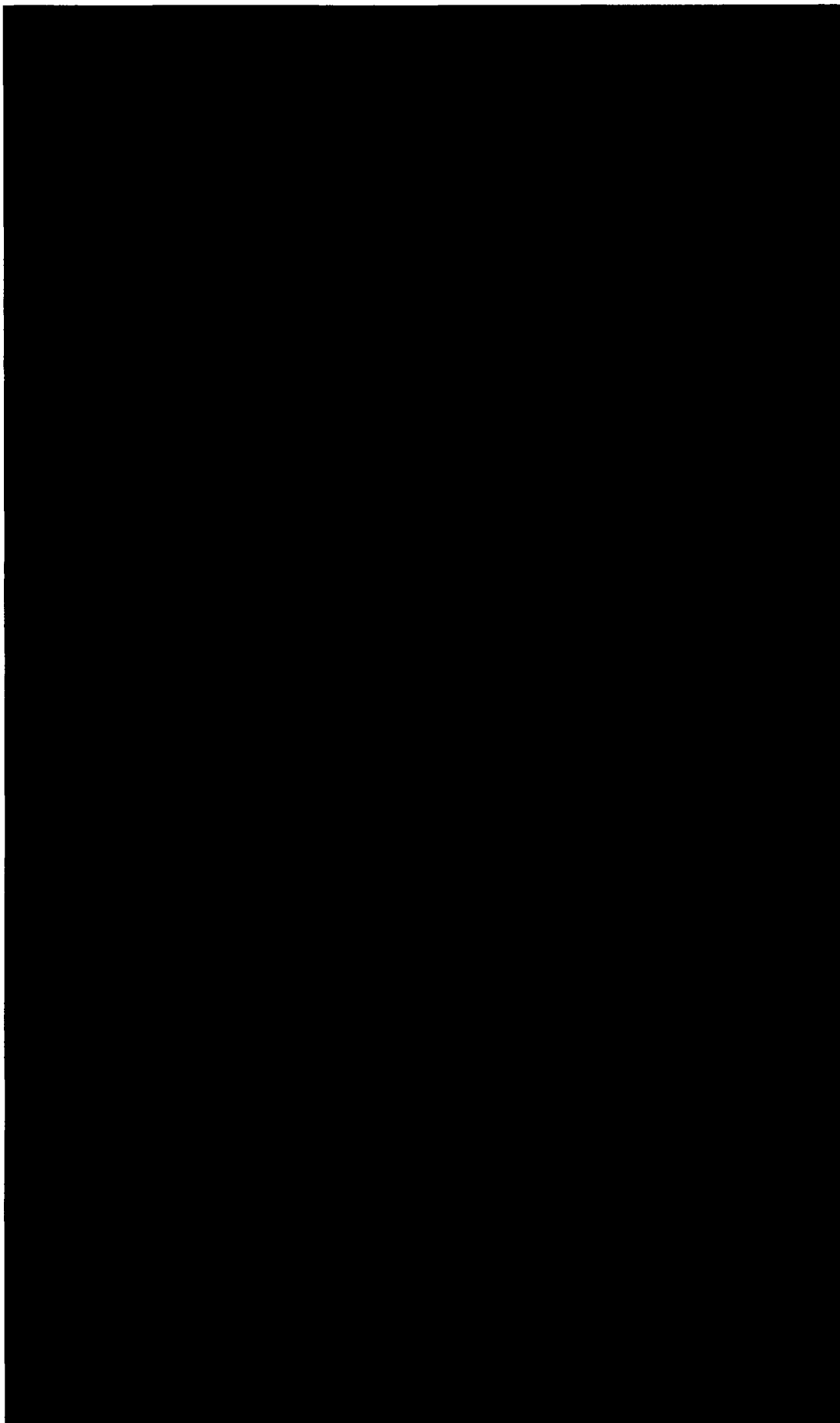
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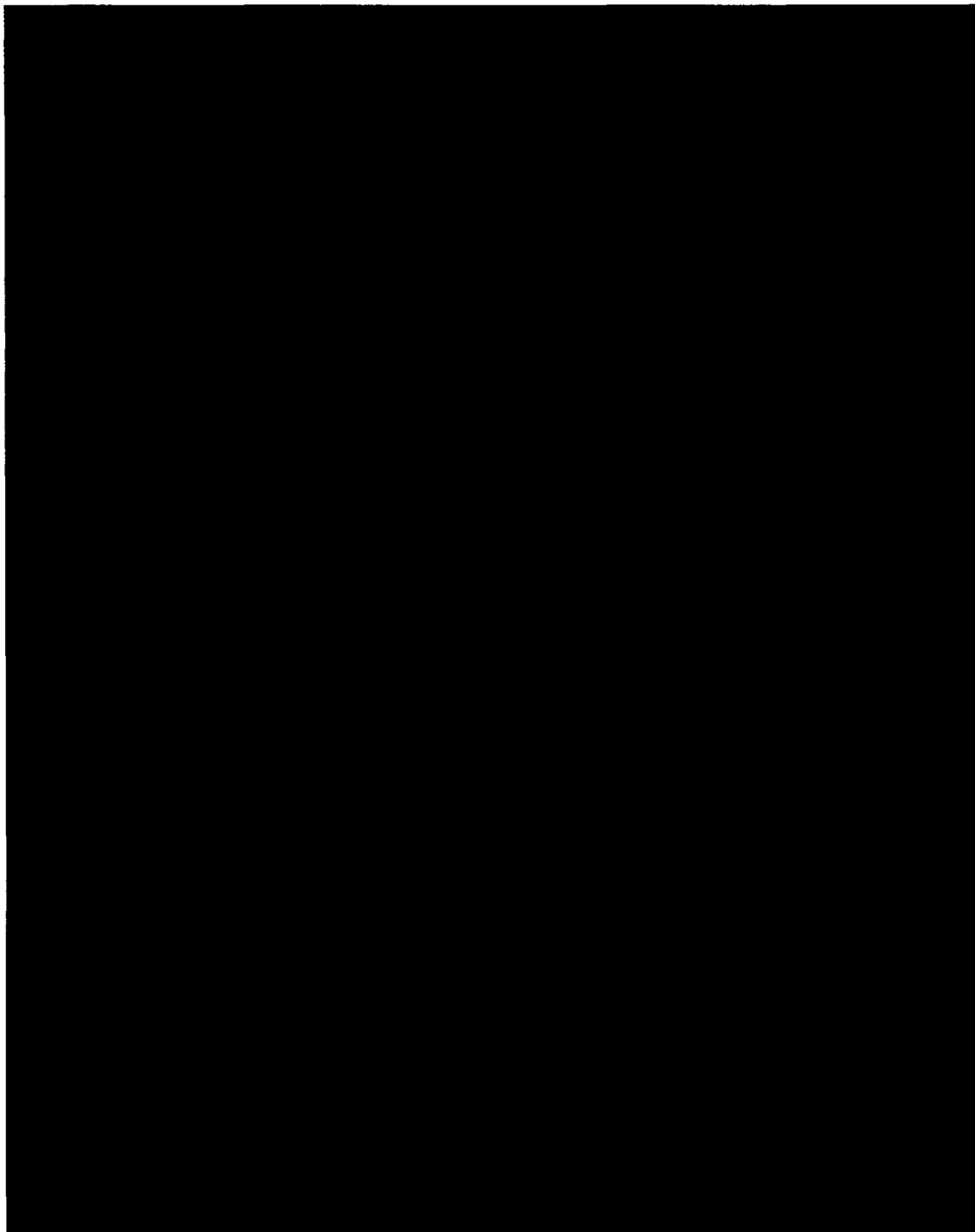
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CHAIRMAN JACZKO: Sure, bye. Okay, Bill?

MR. BORCHARDT: Yes.

CHAIRMAN JACZKO: So, Bill Ruland would be
the right person?

MR. BORCHARDT: Yes, I think, Chairman,
before you come in and ask, we had somebody that could

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1 provide some background to the press, that talks about
2 BWR operations, how a boiler responds to an event,
3 that's kind of general, maybe off the record
4 information.

5 CHAIRMAN JACZKO: Okay.

6 MR. BORCHARDT: So, we'd suggest that
7 you're probably in the best position, those that are
8 here tonight to do that.

9 CHAIRMAN JACZKO: So, can you -- let me
10 try and get -- Eliot, did you get on the call?

11 MR. BRENNER: Yes, I'm on the call.

12 CHAIRMAN JACZKO: Okay, did you hear that
13 exchange?

14 MR. BRENNER: I did.

15 CHAIRMAN JACZKO: Are you -- sorry, I
16 jumped a little ahead of you, but I think we're at a
17 point where it's probably good to start getting some
18 kind of factual information like that.

19 MR. BRENNER: Yes, now, I apologize, I got
20 in probably a second after it started.

21 The individual calling us was from DOE, is
22 that correct?

23 CHAIRMAN JACZKO: [REDACTED]

24 [REDACTED]
25 MR. BRENNER: Okay, good, good.

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1 CHAIRMAN JACZKO: So, if you can reach
2 out, Eliot, then, with your White House press
3 contacts, let them know [REDACTED], and we
4 give them Bill Ruland's name, to do, I would say off
5 the record briefings at this point, or background,
6 whichever, you all will work it out.

7 MR. BRENNER: Yes, they can work it out,
8 and I will run downstairs and send them a message, and
9 you know, it will be up to them, at what point it will
10 probably be something over at the White House.

11 CHAIRMAN JACZKO: Okay, Bill, you're
12 prepared to do that?

13 MR. BORCHARDT: Yes, sir.

14 CHAIRMAN JACZKO: Okay, thank you.
15 Anything else, everybody?

16 MR. BORCHARDT: No, what I was mentioning
17 to you before, though, is just that we got this
18 information from Michael Chenworth (phonetic) who is a
19 NISA rep in D.C.

20 CHAIRMAN JACZKO: Okay.

21 MR. BORCHARDT: And he was giving us a
22 message with no detail and no sense of time, because
23 he's not technical guy, that -- indicating that Unit 1
24 condition was degrading again.

25 CHAIRMAN JACZKO: Okay.

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1 MR. BORCHARDT: That something had
2 happened, but he didn't know what, and he couldn't
3 tell us what was being used to inject water into the
4 reactor vessel.

5 So, yes, I don't, you would hope that it
6 would have been a good, reliable source of
7 information, but there is so little detail, it's hard
8 to put it in context.

9 CHAIRMAN JACZKO: Okay, okay.

10 MR. BORCHARDT: And that's it.

11 CHAIRMAN JACZKO: Okay, well, thanks
12 everybody, and again, let's keep focused and if we can
13 keep -- I know you all are dealing with a lot, but if
14 we can keep focused, to try and get some of the
15 updated Q&A's down on paper, fairly soon, just to --
16 the thinking for me is, I'd like to have a chance to
17 look at them, not before it gets too late, so, I can -
18 - if there is things we need to add or change, we can
19 do that before the night is over and I'm going to
20 operate right now, Bill, on the assumption that either
21 by tomorrow or the day after, I'm going to probably
22 have to be doing a lot of public discussions and
23 communications.

24 So, I want to try and be as rested for
25 that as possible.

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1 MR. BORCHARDT: Okay.

2 CHAIRMAN JACZKO: And you know, and trying
3 to monitor an event at a Japanese facility is probably
4 not going to be the most effective use of my time.

5 So, if we can get those Q&A's, I can start
6 looking at them this evening, and then try and get a
7 good night sleep tonight, and be ready to go tomorrow.

8 MR. BORCHARDT: Yes, I think Public
9 Affairs is scrubbing the first chop on them.

10 CHAIRMAN JACZKO: Right.

11 MR. BORCHARDT: So, you should get them
12 pretty soon.

13 CHAIRMAN JACZKO: Good, I appreciate it.

14 MR. BORCHARDT: Okay.

15 CHAIRMAN JACZKO: Keep up the good work,
16 everybody.

17 MR. BORCHARDT: All right, bye.

18 CHAIRMAN JACZKO: And if we do get calls
19 from the White House, feel free to just, you know,
20 patch me in, get me on the line.

21 MR. BORCHARDT: Okay.

22 CHAIRMAN JACZKO: Okay, thanks everybody.

23 MR. BORCHARDT: All right, bye.

24 (CONFERENCE CALL CONCLUDED)

25

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(CONFERENCE CALL INITIATED)

OPERATIONS OFFICER: Chairman Jaczko is coming on the bridge.

MR. BORCHARDT: Okay.

CHAIRMAN JACZKO: Hi, everybody. I don't have anything to talk about. I just wanted to just keep a line on, and I'll put it on 'mute' here, but I'll be listening in.

MR. BORCHARDT: Okay, I just looked at the Q&A's that I think have been sent to you.

CHAIRMAN JACZKO: Yes.

MR. BORCHARDT: And I don't know if you've gotten them, quite yet. I told them that we could review them in parallel.

CHAIRMAN JACZKO: Great.

MR. BORCHARDT: But number seven, I think, is in need of some serious work. So, I wouldn't spend

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1 a lot of time on that.

2 CHAIRMAN JACZKO: Okay, good.

3 MR. BORCHARDT: All right, I'm going to
4 put us on 'mute', also.

5 CHAIRMAN JACZKO: Okay, great, and yes,
6 it's a great start and I appreciate it, and just a
7 caveat, let's make sure we have all of this marked
8 'OUO' and you know, properly kept secure.

9 MR. BORCHARDT: Okay, we'll do.

10 CHAIRMAN JACZKO: Hello?

11 MR. BORCHARDT: This is Bill Borchardt.
12 Is there somebody on the line?

13 CHAIRMAN JACZKO: I think it's just me.

14 MR. BORCHARDT: Okay.

15 CHAIRMAN JACZKO: I think they were just
16 checking the line.

17 MR. BORCHARDT: Sorry.

18 CHAIRMAN JACZKO: No problem. Hey, Bill,
19 I'm going to drop off this line, for now. Things seem
20 to be quiet again. Give me a ring if something
21 changes and otherwise, I'll just, for now, plan to get
22 an update at 10 o'clock.

23 MR. BORCHARDT: Okay.

24 CHAIRMAN JACZKO: Okay, thanks.

25 MR. BORCHARDT: Bye.

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9 (CONFERENCE CALL INITIATED)

10 MR. BORCHARDT: Is the Chairman on the
11 line? Can we give him a call?

12 CHAIRMAN JACZKO: Hello.

13 MR. BORCHARDT: Hi, Chairman. Bill, here.

14 CHAIRMAN JACZKO: How are you?

15 MR. BORCHARDT: Good. We just had a
16 conference call going on with State right now, and
17 probably two dozen other parties.

18 CHAIRMAN JACZKO: Okay.
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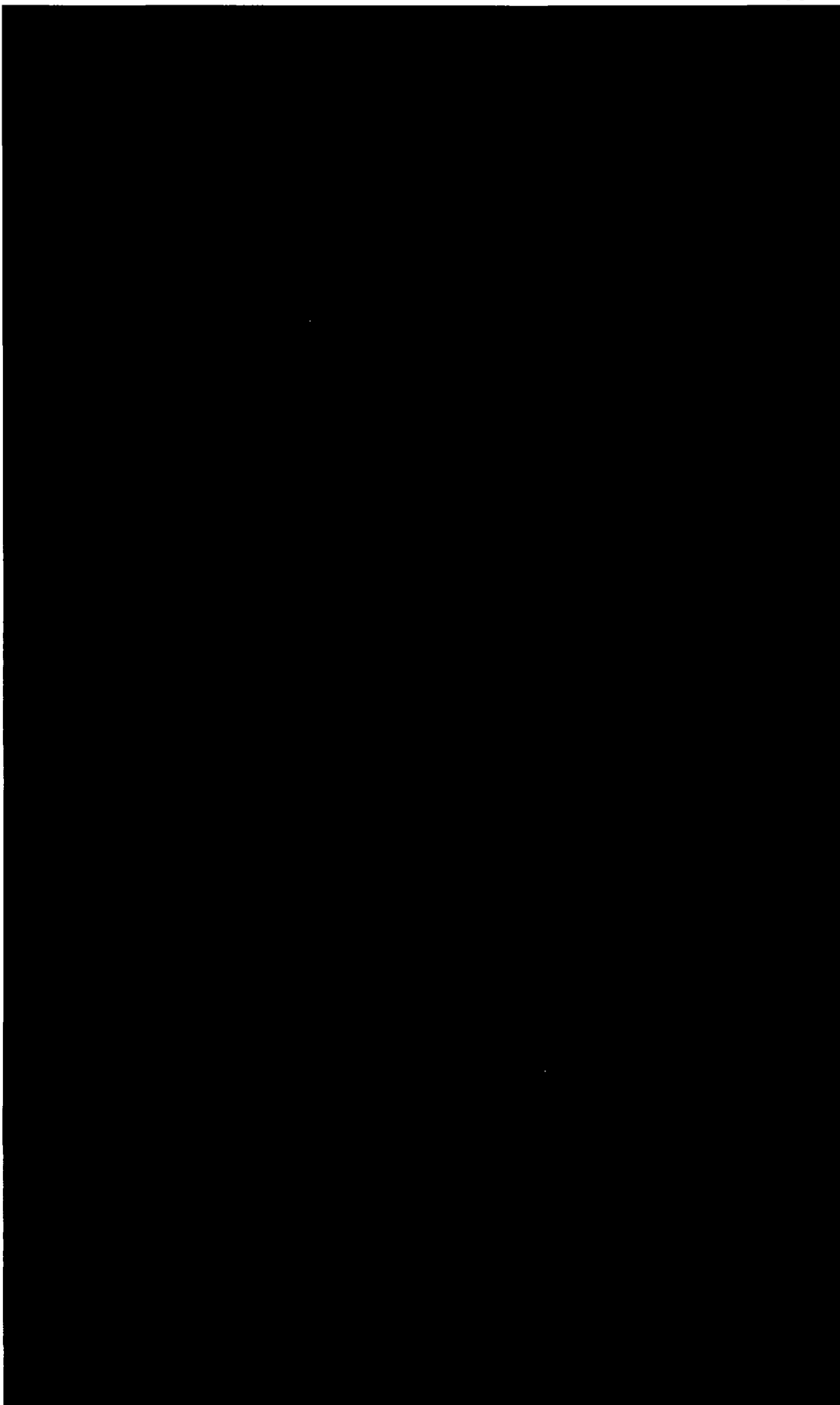
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2 CHAIRMAN JACZKO: Yes, the only things --
3 I mean, that came up, one, was there was an effort to
4 do -- run some scenarios.

5 MR. BORCHARDT: All right.

6 CHAIRMAN JACZKO: Which we did do.

7 MR. BORCHARDT: Yes.

8 CHAIRMAN JACZKO: There was -- I mean, the
9 only really take-away I remember with that was -- and
10 then putting together people to support a team, and
11 then the third was, that I can remember, was just
12 working to reach out to counterparts.

13 So, I think I indicated we would reach out
14 to our counterparts again, to try and make contact,
15 which has been unsuccessful.

16 MR. BORCHARDT: Okay, yes, that's ringing
17 a bell. Okay, that's helpful, good. Sorry, to bother
18 you.

19 CHAIRMAN JACZKO: No problem.

20 MALE PARTICIPANT: We've got some new
21 information, Chairman.

22 CHAIRMAN JACZKO: Yes.



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1 MALE PARTICIPANT: And Japanese
2 television.

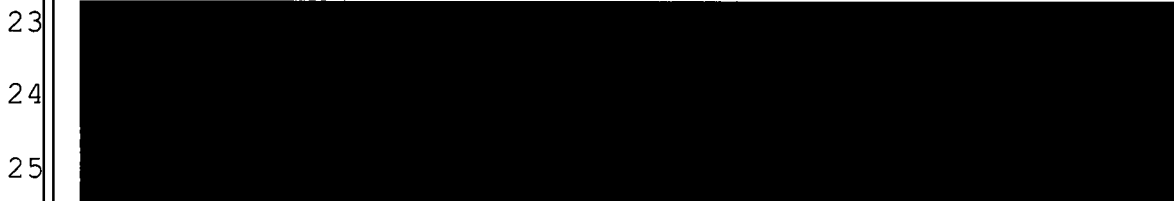
3 MALE PARTICIPANT: -- and Japanese
4 television, who said that there was the -- the level
5 in Unit 3 was at -3 meters, and that's all they said,
6 and we then got on the horn with General Electric, and
7 they confirmed that the reference level was the top of
8 the active fuel.

9 CHAIRMAN JACZKO: Okay.

10 MALE PARTICIPANT: So, if that's the
11 case, in other words, the reference level hadn't
12 changed, since the plant was designed and built by
13 General Electric --

14 CHAIRMAN JACZKO: That means that there is
15 three meters uncovered?

16 MALE PARTICIPANT: That puts ahead of 12
17 meters of the fuel, uncovered.



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1 CHAIRMAN JACZKO: Okay.

2 MALE PARTICIPANT: So, I hope I'm wrong,
3 and I hope you tell me a week from now, I got you
4 upset unnecessarily, but we're looking at that right
5 now.

6 CHAIRMAN JACZKO: Okay, well, assuming
7 that information is accurate, what do we need to be
8 doing?

9 MALE PARTICIPANT: Can we think about
10 that?

11 MALE PARTICIPANT: One of the things we
12 have done, Chairman, one of the things we have done is
13 try to -- for Unit 1, in particular, and they were
14 saying they were having a tough time getting flow into
15 the reactor, that there might be a precipitation
16 problem, meaning -- and by that, I mean, you know,
17 they have been putting sea water and boric acid and
18 boron, ultimately boric acid into these reactors, and
19 of course, it boils off.

20 CHAIRMAN JACZKO: Yes.

21 MALE PARTICIPANT: So, you essentially
22 have a concentrator, and one of the things that we do
23 for our reviews, for licensees is, we make sure that
24 there are licensees that can combat, you know, that
25 boric acid precipitation does not occur.

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1 CHAIRMAN JACZKO: Yes.

2 MALE PARTICIPANT: And it's not clear to
3 us, at this stage, that particularly if they're
4 sticking sea water into the plant --

5 CHAIRMAN JACZKO: Right, would you also
6 get whatever minerals -- you know, mineral
7 calcification or whatever, from the --

8 MALE PARTICIPANT: That is correct.

9 CHAIRMAN JACZKO: Yes.

10 MALE PARTICIPANT: Now, this is just a
11 staff 'what-if' at this stage. We have no
12 confirmation about that, but we have talked to the OIT
13 folks and said, you know, "The next time you talk to
14 somebody from Japan, could you just ask them that
15 question, about precipitation, and if they considered
16 it?"

17 Our contact is not a technical person, but
18 at the very least, he might ask that of the technical
19 people and we might get some sort of idea if this is a
20 concern or isn't.

21 But meanwhile, we're trying to do some
22 calculations to kind of scope this out.

23 CHAIRMAN JACZKO: Okay, can I get -- can
24 you put the 'who's' back on?

25 OPERATIONS OFFICER: This is the WHO.

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1 CHAIRMAN JACZKO: Hi, can you see if you
2 can get in contact with DOE's Op Center, and see if
3 you can get Dan Poneman for me?

4 OPERATIONS OFFICER: Dan Porterman, we'll
5 work on that right now.

6 CHAIRMAN JACZKO: Poneman, P-O-N-E-M-A-N.

7 OPERATIONS OFFICER: I understand, Poneman.

8 CHAIRMAN JACZKO: Thank you. I'll see if
9 we can DOE on the line, and see if they have any
10 comparable information.

11 MALE PARTICIPANT: Okay.

12 CHAIRMAN JACZKO: Now, CNN just had kind
13 of some schematics of a reactor on. I don't know if
14 you saw that.

15 MR. BORCHARDT: No, we're watching NHK,
16 this Japanese station.

17 CHAIRMAN JACZKO: Okay.

18 MALE PARTICIPANT: Right, we saw it on
19 our -- it looks like it's a weatherman, explaining how
20 a nuclear plant works.

21 CHAIRMAN JACZKO: Yes.

22 MALE PARTICIPANT: Yes, I'm sorry.

23 CHAIRMAN JACZKO: See if we can get Eliot
24 on the line, too.

25 MR. BORCHARDT: Okay, we'll ask them to

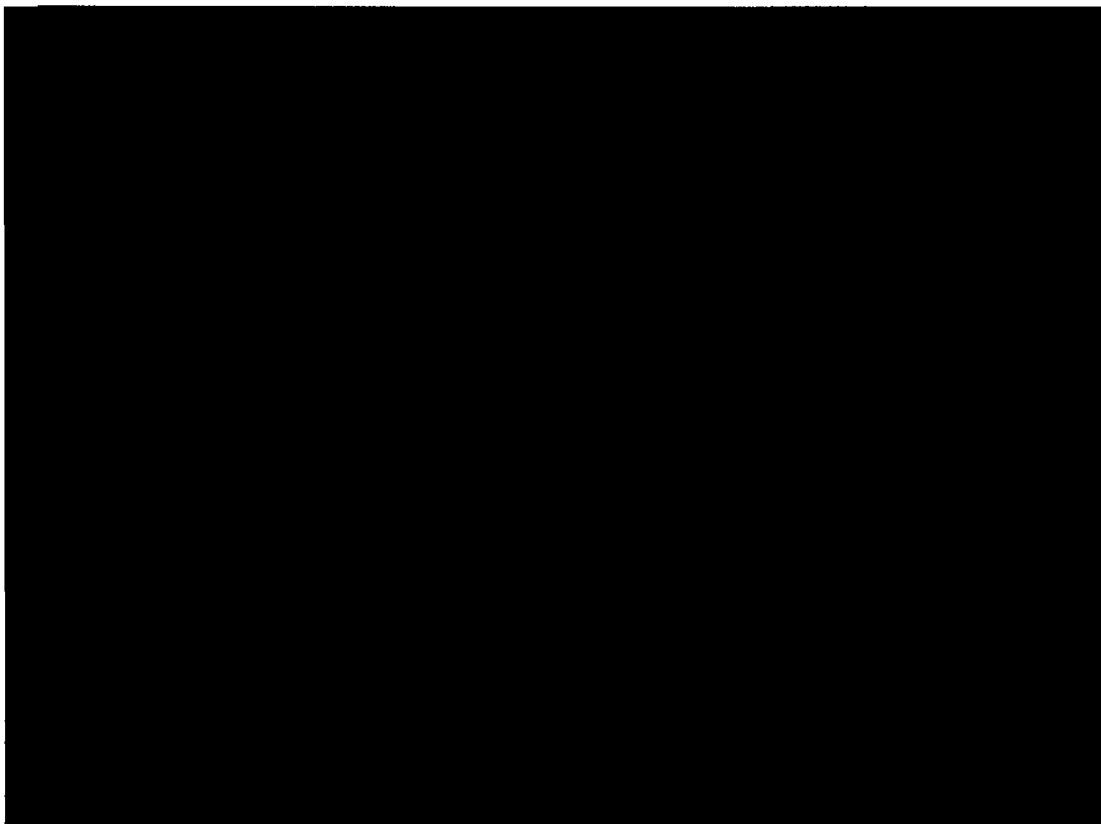
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1 work on that.



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13 MR. BORCHARDT: Right, so, I mean, I think
14 if you wanted to make it even simpler, the core was
15 nearly completely uncovered.

16 CHAIRMAN JACZKO: Uncovered, yes.

17 MR. BORCHARDT: And that's Unit 3.

18 CHAIRMAN JACZKO: Do we have an -- I mean,
19 just a back of the envelope? At the point at which
20 the core is completely uncovered, I mean, how long
21 until you've got complete loss of integrity in the
22 fuel, or structural integrity?

23 MALE PARTICIPANT: Commissioner, it
24 depends on how long the plants has been shut down.
25 It's been shut down for several days, but -- or about

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1 two days.

2 Even so, it can't be uncovered for more
3 than half an hour or so, or it's going to be severely
4 damaged.

5 CHAIRMAN JACZKO: Okay, so, we're talking
6 approximately hours, hour time frame, rather than
7 multiple hours?

8 MALE PARTICIPANT: Yes, sir.

9 MR. BRENNER: Am I now on the ET bridge?

10 CHAIRMAN JACZKO: Yes.

11 MR. BRENNER: Thanks.

12 CHAIRMAN JACZKO: Eliot?

13 MR. BRENNER: Yes, it is.

14 CHAIRMAN JACZKO: Okay, can you continue
15 to pulse press folks at the White House, that we --
16 I'm starting to get concerned that we need to get some
17 credible technical people talking.

18 MR. BRENNER: One of the things I'm going
19 to do, right now {interference}.

20 CHAIRMAN JACZKO: I'm sorry, did someone
21 want to say something?

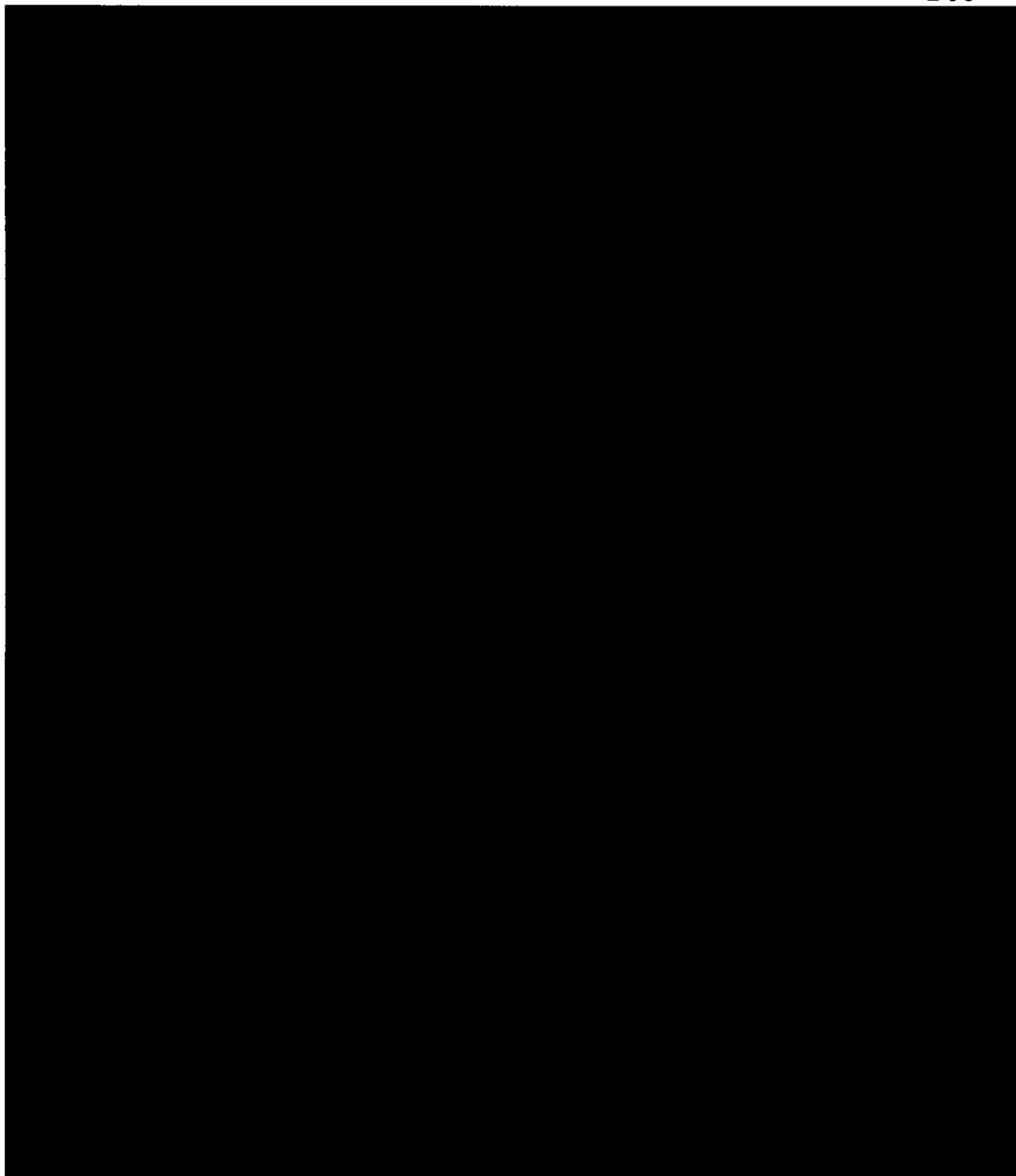
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CHAIRMAN JACZKO: Okay.

MS. DOANE: So, the Ambassador wants to speak to you, either you or the executive committee, whoever can get on the phone call.

CHAIRMAN JACZKO: Okay, we're working right now to get Dan Poneman on. Are the WHO's on the line?

OPERATIONS OFFICER: This is the WHO. He

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1 is on another line, and I'm just waiting for him to
2 call in.

3 CHAIRMAN JACZKO: Okay, can we get -- is
4 the Ambassador ready to come on right now?

5 MS. DOANE: No, I have to go to another
6 room to find out.

7 CHAIRMAN JACZKO: Okay.

8 MS. DOANE: I can get him on. Would you
9 like to speak to him now?

10 CHAIRMAN JACZKO: Can you work that with
11 the WHO, so we get everybody coordinated and in synch,
12 but I think the Ambassador would be a priority, right
13 now.

14 MS. DOANE: Okay, okay, thanks.

15 CHAIRMAN JACZKO: Can I do a little bit of
16 'what-if' thinking here?

17 MR. BORCHARDT: Sir.

18 CHAIRMAN JACZKO: In most of the
19 conversations I've had with our Federal counterparts,
20 I've indicated that we're not looking at a Chernobyl
21 type scenario.

22 Now, again, obviously, from the reactor
23 physics, we're not looking at a Chernobyl type
24 scenario, but if we were to have multiple units with
25 significant core melt, would we -- I mean, would we be

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1 looking at the potential for a release of material,
2 essentially, a source term that's comparable to that,
3 or not? Again, just a best guess.

4 MALE PARTICIPANT: I think my best guess
5 is that it still wouldn't, because number one, we
6 still have in tact containment.

7 CHAIRMAN JACZKO: Yes.

8 MALE PARTICIPANT: They might have to
9 vent the containment, but it would be, you know,
10 hopefully, a controlled release.

11 We have the wind still going out to sea,
12 and so, for those two major reasons, I mean, Chernobyl
13 was an explosion and fire --

14 CHAIRMAN JACZKO: Yes.

15 MALE PARTICIPANT: -- unfiltered, right
16 unfiltered release.

17 CHAIRMAN JACZKO: Okay.

18 MALE PARTICIPANT: So, there is still a
19 significant difference, I believe.

20 CHAIRMAN JACZKO: Okay, and again, just to
21 kind of get everybody's best judgment, do we get into
22 a situation where we start to have to think about the
23 potential for at least measurements of material, say,
24 in Hawaii or Alaska, depending on wind conditions?

25 MALE PARTICIPANT: Wow, I mean, that is

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1 such a long distance, and there would be so much
2 dispersion. I mean, we're talking thousands of miles.

3 CHAIRMAN JACZKO: Yes, yes.

4 MALE PARTICIPANT: So, you know, I would
5 -- you might have something detectable --

6 MALE PARTICIPANT: There might be a trace
7 there.

8 MALE PARTICIPANT: -- but I can't imagine
9 that it would be -- have any impact.

10 CHAIRMAN JACZKO: Okay, good, again, just
11 to -- just want your best guesses here, appreciate it.
12 Just gives me context.

13 MALE PARTICIPANT: Okay.

14 MALE PARTICIPANT: Speaking of context, I
15 seen a story out of Washington State, state monitoring
16 radiation levels to determine if event poses threat.

17 CHAIRMAN JACZKO: Okay, and I did -- if
18 Bill Ruland is still there, or whoever, was it Bill?
19 Somebody that -- or maybe it was Scott, I think,
20 raised the issue of us having some monitoring
21 capabilities, somewhere to --

22 MALE PARTICIPANT: Yes, that was earlier.

23 CHAIRMAN JACZKO: Yes, I did raise that in
24 the D.C. and people listened.

25 MALE PARTICIPANT: Okay, listen, well, I

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1 have not really had much chance to watch any news
2 since the 7 o'clock call.

3 CHAIRMAN JACZKO: Yes.

4 MALE PARTICIPANT: And I was curious,
5 what is it that's pushing your thoughts toward leaning
6 harder on the White House?

7 CHAIRMAN JACZKO: They had Bill
8 (inaudible), the science guy, and their weatherman
9 explaining reactor physics.

10 MALE PARTICIPANT: Excuse me.

11 CHAIRMAN JACZKO: I think there is a point
12 at which we would rather have, maybe not on camera,
13 but at least knowing that on background, they're
14 hearing from our people, or DOE's, but I don't
15 particularly care whose people it is, but somebody who
16 spends their day doing reactor physics.

17 MALE PARTICIPANT: Which outlet was this?

18 CHAIRMAN JACZKO: CNN.

19 MALE PARTICIPANT: Okay.

20 CHAIRMAN JACZKO: So, I think there is,
21 you know -- it's one thing if we're, you know, not
22 commenting on Japan, but I think kind of the Reactor
23 101, I think is much better coming from us.

24 MALE PARTICIPANT: All right, I'll push a
25 message off to my counterparts, as soon as we get off

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1 the call.

2 CHAIRMAN JACZKO: Okay, and then right
3 now, the most pressing issue, I think, is this
4 information, again, unconfirmed, so, we don't know the
5 validity of it, but the possibility of a significant
6 core exposure.

7 MALE PARTICIPANT: Which unit?

8 CHAIRMAN JACZKO: Apparently, Bill, Unit
9 3, is that correct? Did we lose Bill?

10 MR. BORCHARDT: I'm still here. We're
11 trying to -- we're watching this NHK.

12 CHAIRMAN JACZKO: Okay.

13 MR. BORCHARDT: This channel, and it's --

14 MALE PARTICIPANT: Which unit is it?

15 MR. BORCHARDT: -- we have the Japanese
16 Chief Cabinet Secretary, who we understand, is going
17 to talk about core damage.

18 CHAIRMAN JACZKO: Okay.

19 MALE PARTICIPANT: And this is a unit in
20 the same complex?

21 CHAIRMAN JACZKO: That's my understanding.

22 MALE PARTICIPANT: Okay.

23 MALE PARTICIPANT: Yes, it is.

24 MALE PARTICIPANT: Okay, thank you.

25 CHAIRMAN JACZKO: Now, interestingly

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1 enough, I'm watching CNN, and they're not on the
2 nuclear units, right now, which is a good thing.

3 MALE PARTICIPANT: Well, it's Saturday
4 night basketball night, or whatever. I mean, really,
5 it's the American attention span that's not that
6 great. What channel is CNN?

7 FEMALE PARTICIPANT: Seventy-one.

8 MALE PARTICIPANT: I don't know how to
9 discontinue that.

10 (OTR comments)

11 CHAIRMAN JACZKO: Hey, Eliot, you're on an
12 open one.

13 MR. BRENNER: Sorry, I'm technologically
14 challenged, when it comes to my television.

15 CHAIRMAN JACZKO: Are the WHOS on?

16 OPERATIONS OFFICER: This is the WHO.

17 CHAIRMAN JACZKO: Any progress update on
18 the couple of calls?

19 OPERATIONS OFFICER: Mr. Poneman, he was
20 on another call, I'm trying to get through to him,
21 again.

22 CHAIRMAN JACZKO: Okay, great.

23 OPERATIONS OFFICER: And the Japanese
24 Ambassador has not yet called in.

25 CHAIRMAN JACZKO: Okay, good, thank you.

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1 MALE PARTICIPANT: Chairman, Josh is on
2 the line.

3 CHAIRMAN JACZKO: Hi.

4 OPERATIONS OFFICER: Mr. Poneman is coming
5 up, now.

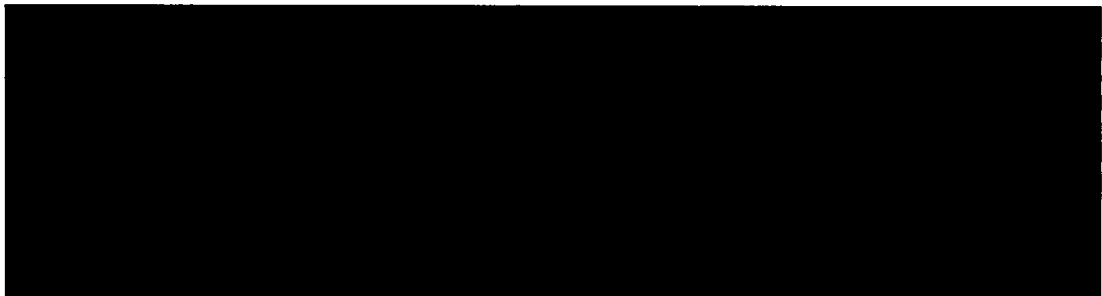
6 CHAIRMAN JACZKO: Okay, great. Hey, Dan?

7 MR. PONEMAN: Hello.

8 CHAIRMAN JACZKO: Dan?

9 MR. PONEMAN: Yes.

10 CHAIRMAN JACZKO: Hi, it's Greg, and I
11 have some of our technical folks here. You're on a
12 bridge with probably about six or seven people.



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17 But, and Bill, if you're on, if you can
18 just confirm, and just listen, make sure I get this
19 right.

20 MR. BORCHARDT: I will.

21 CHAIRMAN JACZKO: Right now, we got a
22 report from them that they were listening to Japanese
23 television and translating, or translating Japanese
24 newspapers or press, that indicated that one of the --
25 the third unit, apparently at Daiichi is -- would have

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1 almost the entire core uncovered at this time, which
2 would be more significant than anything we've seen at
3 this point.

4 I don't know if you're hearing anything
5 similar, through any of your channels or can verify
6 that or confirm that.

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13 I said, "Was that Unit 1 or Unit 3,"
14 because we had heard about problems with Unit 3,
15 didn't know, they answered the question.

16 I did hear, also, and this is all
17 unverified, and one of the concerning things is, you
18 know, we just are not getting clear facts, as opposed
19 to swirl, and we don't know which is which.

20 But that the Germans have -- and I don't
21 know over what radius, have asked their citizens to
22 withdraw from the area.

23 So, this stuff is kind of eaten up. I'm
24 just right now, in the process of seeing if I can get
25 a hold of (inaudible) because what's going to happen

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1 is, until we get -- and we're all sensitive to not
2 trying to basically, take all the oxygen in the room,
3 while they're trying to manage this crisis, on the one
4 hand. On the other hand, things are going to get very
5 panicked, if we can't have some official conduit.

6 Now, one thing strikes me, we need to do,
7 is find out what information has come through that
8 channel that Warren Stern was talking about on the
9 conference today.

10 So, that is the next thing on my list. I
11 have reached out to (inaudible), to see if he can take
12 a call. [REDACTED] is standing by, ready to call
13 (inaudible) if we don't reach Condo.

14 But I don't know, Greg, we may need to,
15 you know, gather people up on some kind of a
16 conference call here, just to prevent too much
17 confusion among our various agencies, before long, I'm
18 thinking we may need to do that here.

19 CHAIRMAN JACZKO: I would agree. I think
20 we may be at a point where we may need to do that,
21 relatively soon.

22 You know, again, if the information that I
23 had was true, it's -- you know, and again, these are
24 estimates, but it's approximately hour, half-hour kind
25 of time frame, before you would see really significant

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1 damage to the fuel, if the core were uncovered. So,
2 it's not a lot of time.

3 We did get a call from the Japanese
4 Ambassador, again, Bill or Margie, if you're on, if
5 you can correct me if I'm wrong, looking for some help
6 crafting a message, essentially, that they could
7 release to the U.S.

8 MR. BORCHARDT: Yes, it was the U.S.
9 Ambassador in Japan.

10 CHAIRMAN JACZKO: I'm sorry, the U.S.
11 Ambassador in Japan, okay, so, I got that wrong.

12 So, we have that, that we're trying to get
13 a hold of them, if they need our assistance with that,
14 and --

15 MALE PARTICIPANT: You know, I think at
16 this point, I think we need to just keep -- I think we
17 need to get people on the line.

18 CHAIRMAN JACZKO: Okay.

19 MALE PARTICIPANT: So, if I can't get
20 Condo in the next few minutes here, then I'm going to
21 suggest that at like {interference} -- have our ops
22 people reach out and otherwise, we're going to be just
23 flying around here, and that's not good.

24 CHAIRMAN JACZKO: Okay, good, let's do
25 that. So, we'll stand down. We won't proceed to

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1 anything, until we get that, we get that call set up,
2 and now, you'll take care of getting -- reaching out
3 to whoever needs to be reached out to, to do that?

4 MALE PARTICIPANT: Yes, we'll reach out.

5 I'm just going to stay on the other line, now, and
6 we'll reach out to you, as well.

7 CHAIRMAN JACZKO: Okay, good, thanks.

8 MALE PARTICIPANT: Thanks.

9 MR. BORCHARDT: Okay, Chairman, so, we'll
10 stand by.

11 CHAIRMAN JACZKO: Yes.

12 MR. BORCHARDT: We'll keep monitoring this
13 one channel.

14 CHAIRMAN JACZKO: Okay.

15 MR. BORCHARDT: We'll see if we get any
16 new information.

17 CHAIRMAN JACZKO: All right.

18 MR. BORCHARDT: Most of what we're getting
19 now is recorded stuff, so, it's kind of -- I think
20 it's not what we need to hear.

21 CHAIRMAN JACZKO: Okay.

22 MS. DOANE: We've reached out to
23 (inaudible) and told them to come into the bridge line
24 with the executive team. I think he's trying to get
25 information, or is getting information from the

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1 Government of Japan. So, that could be helpful.

2 CHAIRMAN JACZKO: Okay, so, Margie, if you
3 can keep an eye on that, too, and then you know, the
4 preference probably is for him to be talking not just
5 to us, but to everybody.

6 So, you know, if you need specific things,
7 we'll talk to him directly, but if we get this other
8 call, it might be better for him to get on that other
9 call.

10 MR. BORCHARDT: Poneman was cutting in and
11 out, for us. Did he have a proposed time that we were
12 going to have this call?

13 CHAIRMAN JACZKO: I didn't get one.

14 MR. BORCHARDT: Okay, all right. So,
15 Margie, if you tell the Ambassador that we're trying
16 to set up this call, this would be a great opportunity
17 to get a single position established.

18 MS. DOANE: Okay, I will try to set up
19 that call. If he wants to speak to you before, I
20 think you should just keep the lines open.

21 CHAIRMAN JACZKO: Absolutely, I'll stay on
22 the line here, if he wants to speak to us before, just
23 bring him in.

24 MR. BORCHARDT: Okay, thank you.

25 CHAIRMAN JACZKO: Bill?

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1 MR. BORCHARDT: Yes.

2 CHAIRMAN JACZKO: Do we have an direct
3 contact with Tony?

4 MR. BORCHARDT: No, not yet.

5 CHAIRMAN JACZKO: Okay.

6 MR. BORCHARDT: Not since he's landed. We
7 talked to him four hours ago, maybe. I think he
8 talked to the PCE, but he was in Anchorage, Alaska at
9 the time.

10 CHAIRMAN JACZKO: Okay, so, he has not
11 landed in Japan, yet?

12 MR. BORCHARDT: Not that we've heard.

13 CHAIRMAN JACZKO: Okay, can somebody at
14 least make an attempt to reach out to him, in case he
15 has?

16 MR. BORCHARDT: Sure, we'll do that.

17 CHAIRMAN JACZKO: Okay, thanks. Are you
18 all -- do you all have CNN on one channel?

19 MR. BORCHARDT: I have not been watching
20 CNN.

21 MALE PARTICIPANT: The science guy.

22 MR. BORCHARDT: You've been watching him?

23 MALE PARTICIPANT: Yes, he's there. He's
24 not there anymore, but it was (inaudible), the science
25 guy.

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1 CHAIRMAN JACZKO: Eliot, are you still on?

2 MR. BRENNER: Yes, I am.

3 CHAIRMAN JACZKO: Have you had any luck
4 with the White House?

5 MR. BRENNER: No, I'm actually fixing to
6 push the button on a message now.

7 CHAIRMAN JACZKO: Okay, because I think
8 there is a high degree of speculation. I'm getting a
9 little bit uncomfortable, that we don't have more
10 credible voices right now.

11 You know, if nothing else, just somebody
12 was going to get on there and say we don't have
13 accurate information, right now. We're not going to
14 speculate. Here is what we know. I think that would
15 be helpful.

16 MR. BORCHARDT: Okay, we left voice-mail
17 on (inaudible) area of the satellite for Tony, also.

18 CHAIRMAN JACZKO: Okay, thank you.

19 MALE PARTICIPANT: He's in the air, sir.

20 CHAIRMAN JACZKO: Okay. Eliot, did you
21 ever make contact with Diaz?

22 MR. BRENNER: I sent an email to all three
23 players.

24 CHAIRMAN JACZKO: Okay.

25 MR. BRENNER: Haven't had a chance to get

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1 him on the phone.

2 CHAIRMAN JACZKO: Okay, because you know,
3 that may be another option, is to get one of them on,
4 and of the three, my preference is probably Diaz.

5 MR. BRENNER: Okay, I will -- I'll tell
6 you what I'll do, is I'll send a note to Jean Mazzura
7 and pass on his contacts.

8 CHAIRMAN JACZKO: Okay.

9 MR. BRENNER: And I'm about to push the
10 button on a note, I'm blind-carboning you on it.

11 CHAIRMAN JACZKO: Okay, good.

12 OPERATIONS OFFICER: (Inaudible) is coming
13 up on the bridge, in preparation for the Chairman's
14 briefing.

15 CHAIRMAN JACZKO: Bill?

16 MR. BORCHARDT: We were scheduled to do
17 kind of an update at 10 o'clock. I would seek your
18 recommendation on whether there is still information
19 to brief at this point, or we'll just kind of hold on
20 the line, until we get some of the other results.

21 MR. BORCHARDT: Yes, I think we just wait,
22 because whatever we tell you in four minutes, is going
23 to be out of date as soon as we get the first
24 conference call.

25 CHAIRMAN JACZKO: Okay, sounds good.

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MR. BORCHARDT: So, Josh, are you on?

JOSH: Yes, Josh is here.

MR. BORCHARDT: Yes, so, we're, I think in the middle of some of evolving information, some unclear status on Unit 3, and the electric -- some unknown status on Unit 1.

We're trying -- the Chairman has talked to Poneman, and Poneman is off trying to gather a group of individuals to have a conference call that we would be part of, to get us all on the same page, at a certain time,

[REDACTED]

So, Margie just came in and just said that they had gotten word to him, that we're ready to answer his call, whenever he wants, but that also, told him about this conference call that's being set up and suggested that would be the best opportunity, if it works out, for him to get input and to give us whatever information he has.

So, we're somewhat in stand-by now, waiting for Poneman and the Ambassador.

JOSH: Great, thank you.

CHAIRMAN JACZKO: Bill, are you on?

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1 MR. BORCHARDT: Yes, we were just
2 watching CNN. I was just having a stroke, at what this
3 one guy was saying.

4 CHAIRMAN JACZKO: Is he talking reactors?

5 MR. BORCHARDT: Well, he was talking --
6 it's this guy in Tokyo, who is kind of giving a
7 summary of what he understands, and he had -- he must
8 have had 40 inaccurate statements, you know, about how
9 iodine protects you from all radiation.

10 CHAIRMAN JACZKO: Okay.

11 MR. BORCHARDT: You know, that -- I
12 don't know, it was just bad.

13 CHAIRMAN JACZKO: But maybe that answers
14 the question I was about to ask you.

15 I'm going to send an email right now, to
16 probably the last person we talked to [REDACTED] 6
17 [REDACTED] just really pushing hard, that we
18 need a credible expert, now talking.

19 MR. BORCHARDT: Yes.

20 CHAIRMAN JACZKO: Would you concur?

21 MR. BORCHARDT: Yes, I think so.

22 CHAIRMAN JACZKO: Okay.

23 MR. BORCHARDT: Because certainly, a lot
24 of mis-information going out, right now.

25 MR. BRENNER: And my staff is sending me

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1 notes about how bad it is.

2 CHAIRMAN JACZKO: Eliot, I mean, do you
3 think we should offer up somebody?

4 MR. BRENNER: Well, at this hour, no.

5 CHAIRMAN JACZKO: Okay.

6 MR. BRENNER: Tomorrow morning, maybe.

7 CHAIRMAN JACZKO: Okay.

8 MR. BRENNER: Why don't you send your
9 note?

10 CHAIRMAN JACZKO: Yes, I'm going to send
11 it right now.

12 MR. BRENNER: Yes.

13 CHAIRMAN JACZKO: I'll BCC you and Bill.

14 MR. BRENNER: All right, thanks.

15 CHAIRMAN JACZKO: Okay, I sent the email.
16 I CC'ed you, Bill, and Eliot.

17 MR. BORCHARDT: Thank you.

18 MR. BRENNER: Got it. Hey, Boss, I was
19 just reading some of the clips here, and I see that --
20 I keep seeing Peter Bradford quoted all over the
21 place.

22 CHAIRMAN JACZKO: Yes.

23 MR. BRENNER: It references a conference
24 call organized by nuclear opponents.

25 CHAIRMAN JACZKO: I saw that there was a

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1 reference, or I saw a story on one of the aggregate
2 sites, with a bunch of different people.

3 MR. BRENNER: Yes.

4 CHAIRMAN JACZKO: And he had some quotes
5 in there.

6 MR. BRENNER: And there is a post piece by
7 Joel Lochenbock (phonetic), the usual suspects are all
8 over that piece.

9 CHAIRMAN JACZKO: Okay, I mean, at what
10 point do we strike out on our own? I mean, I guess
11 it's probably too late tonight at this point. Nobody
12 is watching the news anymore.

13 MR. BRENNER: Yes, at this hour tonight,
14 no. But I think tomorrow, we're probably going to
15 have to do some of that.

16 CHAIRMAN JACZKO: Okay.

17 MR. BRENNER: We have in effect, by being
18 good team players, seeded the field.

19 CHAIRMAN JACZKO: Yes, well, I would still
20 -- I mean, again, in the end, there is just still very
21 little information we can talk about. I mean, we just
22 don't know enough.

23 MR. BRENNER: Yes.

24 CHAIRMAN JACZKO: Now, we're back to Bill
25 Nye and the meteorologist.

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1 MR. BRENNER: Yes, it doesn't stop my
2 desire to go out and blacken a few eyes.

3 CHAIRMAN JACZKO: Hey, Eliot?

4 MR. BRENNER: Yes.

5 CHAIRMAN JACZKO: Are you at least doing
6 background off the record stuff that reporter do call
7 in?

8 MR. BRENNER: Yes.

9 CHAIRMAN JACZKO: Okay.

10 FEMALE PARTICIPANT: Eliot, are you on the
11 line?

12 MR. BRENNER: Yes, I am.

13 FEMALE PARTICIPANT: Did I miss the 10
14 o'clock call?

15 MR. BRENNER: No, we are holding to see if
16 the U.S. Ambassador in Japan will come on.

17 FEMALE PARTICIPANT: Okay, thank you.

18 CHAIRMAN JACZKO: Hey, Bill?

19 MR. BORCHARDT: Yes.

20 CHAIRMAN JACZKO: I'd like your
21 recommendation on what you think would be the best use
22 of my time at this point.

23 MR. BORCHARDT: Well, I mean, I think if
24 we get back with Poneman or the Ambassador, to be
25 involved with that call, and after that, I'd just

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1 engage and try to get some rest, to be honest with
2 you, especially if the White House decides to get
3 active on communication, if you're going to be the
4 front guy, you want to be on your game.

5 CHAIRMAN JACZKO: Okay.

6 MR. BORCHARDT: Well, you know, I mean,
7 I think it would be good to have you on the call with
8 the Ambassador and Poneman, if at all possible.

9 CHAIRMAN JACZKO: Okay, I agree, I think
10 that's a good recommendation. I am going to plan now
11 then to get off the bridge. If those others do get
12 on, then call me, and otherwise, I'm going to start
13 getting ready for bed.

14 MR. BORCHARDT: Okay.

15 CHAIRMAN JACZKO: But do call and wake me
16 up if you need to, and or of course, if any other
17 information changes, and we'll go from there.

18 MR. BORCHARDT: Okay, and then we'll --
19 I think maybe if -- maybe like at 6:00 a.m., what time
20 would you like to do the brief tomorrow morning?

21 CHAIRMAN JACZKO: How about a 7:00 a.m.
22 brief?

23 MR. BORCHARDT: Seven o'clock, okay.
24 That will be good, because that's when -- Mike Weber
25 is coming to relieve me.

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1 CHAIRMAN JACZKO: Okay.

2 MR. BORCHARDT: And he'll be going off
3 shift at that time, so, he'll be up to speed and have
4 continuity, that would be a good time.

5 CHAIRMAN JACZKO: Okay, okay, good.

6 OPERATIONS OFFICER: Dr. Lyons from DOE is
7 coming on the line.

8 CHAIRMAN JACZKO: Okay.

9 MR. BORCHARDT: Okay, thank you.

10 DR. LYONS: David Lyons.

11 CHAIRMAN JACZKO: How are you?

12 DR. LYONS: Well, tired, like you are. I
13 got your email, saying we should call you, Greg.

14 CHAIRMAN JACZKO: That may have been an
15 old one.

16 DR. LYONS: Okay, I'm sorry, okay. Did
17 you --

18 CHAIRMAN JACZKO: I talked to -- Dan came
19 on, about maybe 30 or 35 minutes ago. I relay to you,
20 what I relayed to him, and again, Bill Borchardt is on
21 the line, too. Bill, correct me if I get anything
22 wrong.

23

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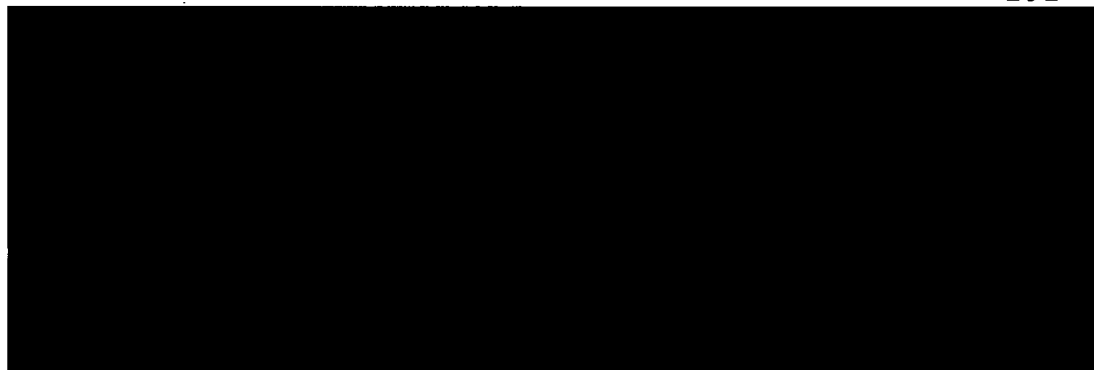
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We doubled back with GE. GE indicated that based on their design concept, zero level would be at the top of fuel.

So, -3 meters would indicate, now, this is our extrapolation, that -3 meters would indicate that the core has been uncovered, fully, or pretty much close to fully.



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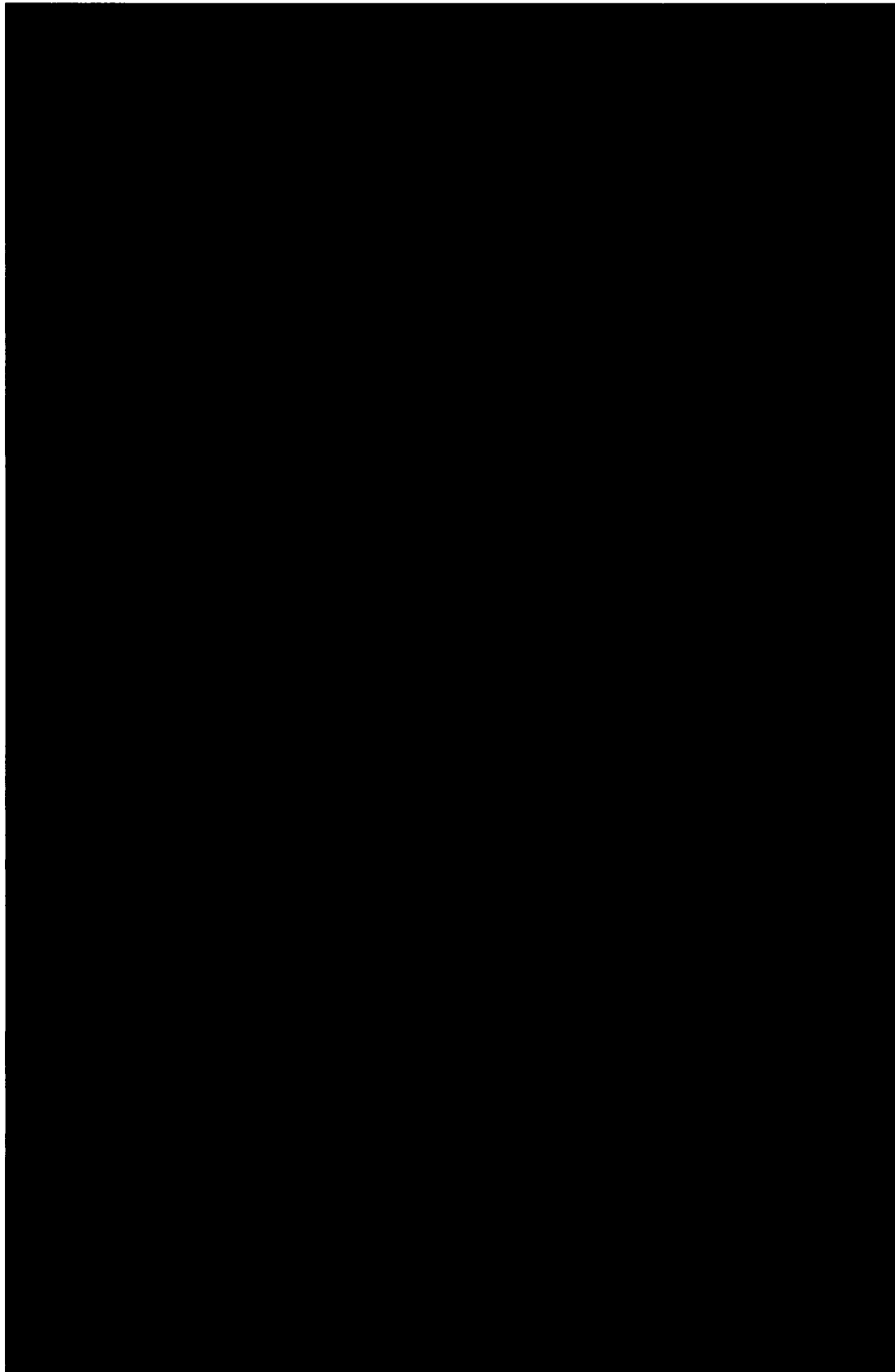
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CHAIRMAN JACZKO: Okay, well, I appreciate that. I think, Bill, unless you disagree, we're

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1 probably not going to necessarily comment specifically
2 on any action, since we don't have any situational
3 awareness of where they are.

4 But that's helpful information, and you
5 know, again, the report we had was unconfirmed and not
6 really corroborated.

7 So, it's unclear what, if anything, it
8 means.

9 DR. LYONS: Well, all I can say is that we
10 asked specifically multiple times, and Condo never
11 agreed that the core was uncovered.

12 CHAIRMAN JACZKO: Okay, good.

13 DR. LYONS: Okay, thank you, Greg.

14 CHAIRMAN JACZKO: Thanks.

15 DR. LYONS: Take care.

16 CHAIRMAN JACZKO: Okay, good.

17 DR. LYONS: Good night.

18 MR. BORCHARDT: Okay, so, well, we got
19 that and you know, so, we'll wait to see if the
20 Ambassador calls, and I guess since that called
21 happened, we shouldn't expect to hear back from
22 Poneman?

23 (No audible response)

24 MR. BORCHARDT: Chairman, are you still
25 on the line?

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1 MALE PARTICIPANT: The diffuser dropped
2 off.

3 CHAIRMAN JACZKO: Hi, everybody. Sorry, I
4 got off that call and hung up.

5 So, I'm going to proceed then, down the
6 path, and I'm going to start trying to get some rest.

7 MR. BORCHARDT: Okay, so, the only
8 thing, we'll call you if we hear from Poneman, if they
9 try to set up that conference call.

10 CHAIRMAN JACZKO: Yes.

11 MR. BORCHARDT: Which sounds like maybe
12 he won't, since he already had that other phone call.

13 CHAIRMAN JACZKO: Yes.

14 MR. BORCHARDT: Or if we get the
15 Ambassador on the line.

16 CHAIRMAN JACZKO: Yes, or if something
17 else transpires.

18 MR. BORCHARDT: If something else
19 breaks. Otherwise, 7:00 a.m., we'll plan to do a full
20 brief.

21 CHAIRMAN JACZKO: Okay, good, thanks
22 everybody.

23 MR. BORCHARDT: Okay.

24 CHAIRMAN JACZKO: Appreciate it.

25 MR. BORCHARDT: All right.

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1 CHAIRMAN JACZKO: Bye.

2 (CONFERENCE CALL CONCLUDED)

3

4

5

6

7

8

9 (CONFERENCE CALL INITIATED)

10 CHAIRMAN JACZKO: Hello?

11 MR. BORCHARDT: Bill Borchardt, here.

12 CHAIRMAN JACZKO: Hi, Bill.

13 MR. BORCHARDT: Hi.

14 CHAIRMAN JACZKO: Looks like we have a
15 call on for 11:30.

16 MR. BORCHARDT: Are you talking about our
17 briefing?

18 CHAIRMAN JACZKO: No, let's see, situation
19 room White House is going to do a call at 11:30.

20 MR. BORCHARDT: Okay.

21 CHAIRMAN JACZKO: So, if you can walk me
22 through again, just high level latest information.

23 MR. BORCHARDT: Okay, well, nothing has
24 changed, really, from our last situation.

25 Unit 3 is the one where all the questions

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1 are currently -- where there is a lot of uncertainty.

2 CHAIRMAN JACZKO: Okay.

3 MR. BORCHARDT: And the last we heard was
4 the -- your conversation with Pete Lyons.

5 CHAIRMAN JACZKO: Okay.

6 MR. BORCHARDT: In which Condo stated that
7 he didn't believe Unit 3 had any core uncovering, and
8 that the beginning venting.

9 We haven't -- we just haven't seen
10 anything on any of the press coverage, to point us in
11 any direction or another.

12 CHAIRMAN JACZKO: Okay.

13 MR. BORCHARDT: So, that hasn't changed.
14 Unit 1, as far as we can tell, the situation is
15 relatively stable now. We haven't seen any reports of
16 any increases of radiation levels or any additional
17 venting action.

18 CHAIRMAN JACZKO: Okay.

19 MR. BORCHARDT: So, I mean, that's really
20 about it. We've worked up some talking points for the
21 Ambassador in Japan.

22 CHAIRMAN JACZKO: Good.

23 MR. BORCHARDT: But the basic line, if we
24 can get him on this call at 11:30, and we'll reach out
25 to him, would be that the current local authority's

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1 recommendation on evacuations seem appropriate, based
2 on our understanding of the current situation.

3 CHAIRMAN JACZKO: Okay.

4 MR. BORCHARDT: And we have no basis to
5 recommend to him, anything different.

6 CHAIRMAN JACZKO: Okay.

7 MR. BORCHARDT: But you know, just like
8 here, the locals have the most up to date, accurate
9 information, and certainly, it's got to be better than
10 what we have.

11 CHAIRMAN JACZKO: Than what we have, yes.

12 MR. BORCHARDT: All right?

13 CHAIRMAN JACZKO: Absolutely.

14 MR. BORCHARDT: And you know, in the event
15 that, you know, plant conditions change dramatically,
16 we'd have to revise that recommendation, but you know,
17 we don't have anything at this point.

18 CHAIRMAN JACZKO: Okay, can you send that
19 to me in an email, just -- I mean, those talking
20 points in an email?

21 MR. BORCHARDT: Sure.

22 FEMALE PARTICIPANT: Yes, we have a few
23 edits and we'll get them right to you.

24 CHAIRMAN JACZKO: Okay, good.

25 MR. BORCHARDT: Sure.

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1 CHAIRMAN JACZKO: And then, Bill, maybe
2 you could just do a quick email, too, with just the
3 high level on the plants, as well?

4 MR. BORCHARDT: Okay, we're updating that
5 1830 status.

6 CHAIRMAN JACZKO: Okay, good.

7 MR. BORCHARDT: And we'll hopefully to be
8 able to get that out in a few minutes.

9 CHAIRMAN JACZKO: Okay, great, thank you.

10 MR. BORCHARDT: Okay, yes.

11 CHAIRMAN JACZKO: Is someone from the WHO
12 still on?

13 MR. BORCHARDT: I'm sure they are.

14 CHAIRMAN JACZKO: Okay.

15 OPERATIONS OFFICER: This is the WHO.

16 CHAIRMAN JACZKO: Hi, I think, can you
17 anticipate, or be on the look out for a call from the
18 situation room at the White House, to get me on an
19 11:30 call?

20 OPERATIONS OFFICER: Okay, who do you want
21 me to call right now, if we get that call?

22 CHAIRMAN JACZKO: Sorry, Greg Jaczko.

23 OPERATIONS OFFICER: Okay, sorry, sir.

24 CHAIRMAN JACZKO: Yes.

25 OPERATIONS OFFICER: Okay, we will call

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1 you as soon as we get a call from the White House.

2 CHAIRMAN JACZKO: Okay, and [REDACTED], my
3 home number is the best number.

4 OPERATIONS OFFICER: Okay, we'll call you
5 at the home number.

6 CHAIRMAN JACZKO: Okay, thank you.

7 OPERATIONS OFFICER: Thank you, sir.

8 CHAIRMAN JACZKO: Okay, bye.

9 (CONFERENCE CALL CONCLUDED)

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(CONFERENCE CALL INITIATED)

OPERATIONS OFFICER: This is the Headquarters Operations Officer. We're unmuting the links now, between the two bridges.

(CONFERENCE PARTICIPANTS: Randy Muster, Cindy Peterson, Mike Franovich, Jenny Wilde, Elena Galloway, Brian Smith, Mike Johnson, Michael Marshall, Kathy Haney, R. Kennedy, William Orders, K. Stewart-Clark, Charles Neller, Greg Warnick, Bill Mayer, Linda Howell, Reddick, Billy Dixon, Ben Hart {multiple inaudible's})

MR. BORCHARDT: All right, good evening everybody. This is Bill Borchardt.

I'll give you a quick run-down of what we know, although I need to preface again with, that the information flow at 11:30 p.m. tonight is no better than it was previously.

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1 So, we're still just trying to integrate
2 the best that we can, various news accounts,
3 especially, the information coming off of this one
4 Japanese television news feed that we have, that
5 occasionally has some good information, and then using
6 whatever we can get from a variety of sources, but to
7 be honest with you, a lot of those one and two time
8 sources turn out not to be all that accurate.

9 But so, the best that we have is that the
10 situation in Unit 1 remains essentially unchanged from
11 the way it was eight hours ago, that, you know, after
12 the initial situation that ended up in the hydrogen
13 explosion, which blew off the roof on the reactor
14 building, we now believe that the containment remains
15 in tact, that that was a hydrogen leak coming probably
16 from stand-by gas treatment system that caused the
17 explosion, and that we have no indication that there
18 has been any containment, primary containment breach
19 and no breach of the reactor.

20 They were using an unknown injection path
21 into the reactor to put in borated sea water, and they
22 were also using, I think, a fire pump to put sea water
23 into the basement of the reactor building, to provide
24 cooling of the source.

25 So, as far as we know, that is still the

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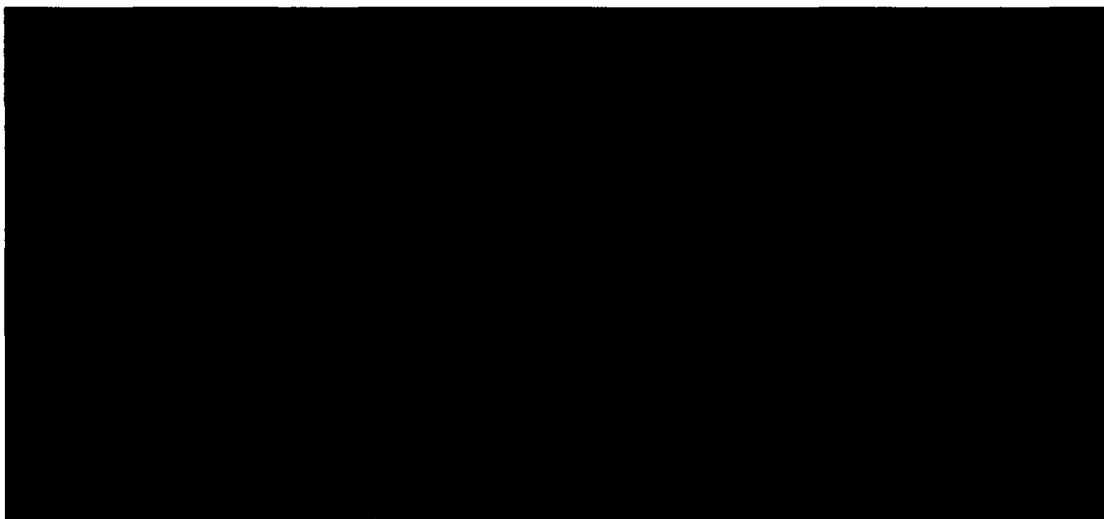
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1 condition on Unit 1.

2 There is no known problems with Unit 2,
3 although they may be trying to work with -- to get
4 NISA's permission to vent the containment, but that's
5 just due to kind of a very gradual increase in
6 containment pressure, due to heating up, but they
7 don't have any containment cooling system.



5

15 But there was a change in Unit 3 status,
16 in that eight hours ago, HIPSI was running, injecting
17 water into the vessel.

18 What we believe happened is that, as would
19 be expected over time, pressure in the reactor
20 decreased, that got to the trip point for HIPSI, you
21 know, probably somewhere around 150 pounds. HIPSI
22 automatically turned off, and now, they have not been
23 able, to the best of our knowledge, been able to
24 create a low pressure injection flow path.

25 So, that is why there is uncertainty,

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1 regarding Unit 3.

2 They have plans to relieve the pressure in
3 the containment, but like I say, it's highly
4 uncertain, as to what the next step that will be
5 successful will be. They weren't able to restart RIK-
6 SEA or any other kind of low pressure injection.

7 Units 4, 5 and 6 were previously shut down
8 and remain of not a lot of concern.

9 There are a couple activities going on
10 right now. There is a meeting, conference call going
11 on with Deputy Secretary Poneman and the Chairman and
12 a number of other people, to try to get some united
13 Government, at least agreement on what the current
14 situation is, because we were developing diverging
15 views between various agencies and departments.

16 So, there is a separate phone call going
17 on, to try to come to one view of the current
18 situation.



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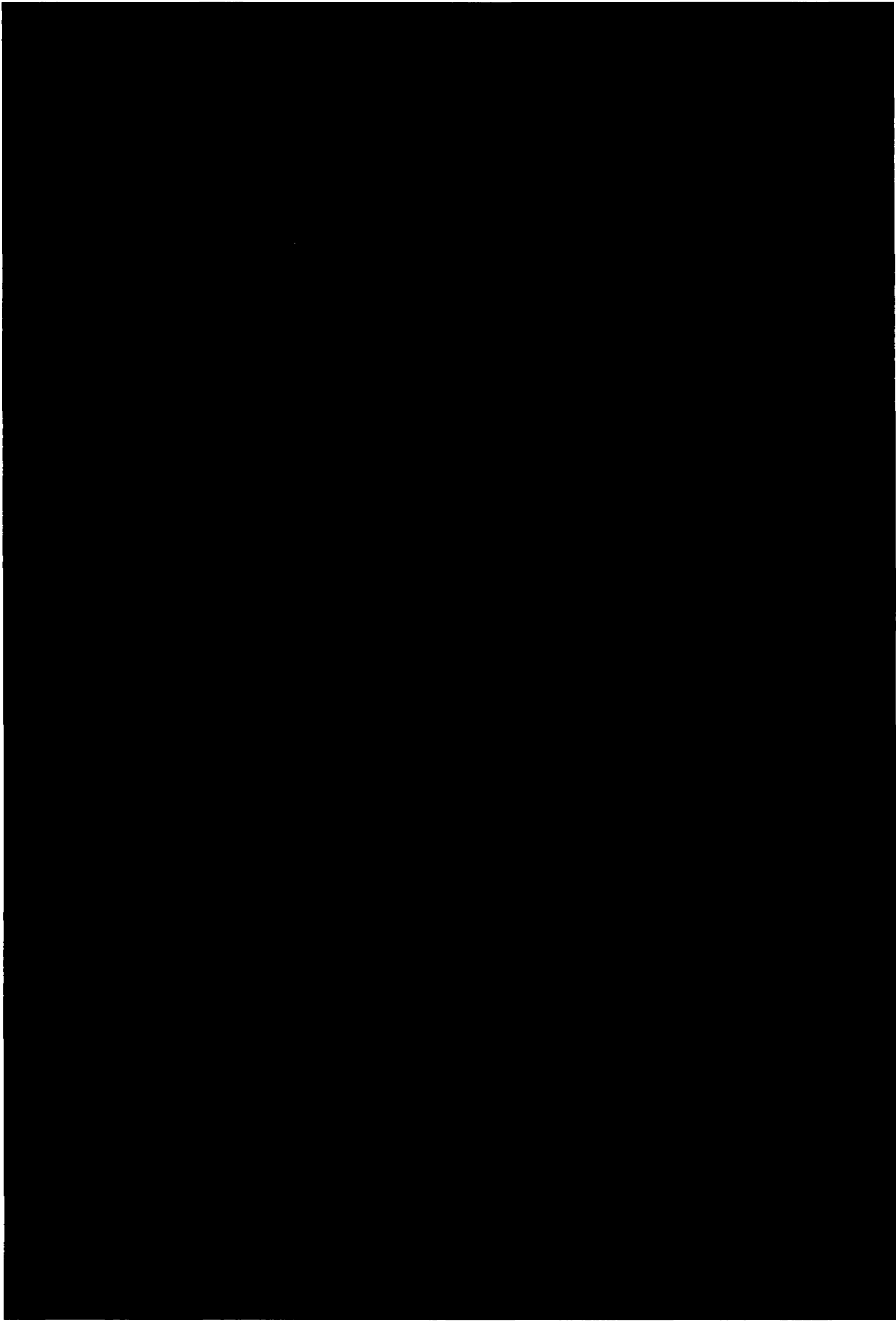
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So, having said that, let me just go real fast. Do you have anything additional?

MALE PARTICIPANT: Nothing additional.

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1 MR. BORCHARDT: Anything from liaison
2 team?

3 MALE PARTICIPANT: No.

4 MR. BORCHARDT: Protective measures,
5 anything in addition? No?

6 Okay, any questions for anybody on the
7 phone?

8 MALE PARTICIPANT: Earlier today, we were
9 notified that there were three diesels onsite, the
10 fourth was coming. Have any been hooked up?

11 MR. BORCHARDT: Nothing that we can
12 confirm. We believe that there is a temporary diesel
13 hooked up in Unit 1, that's probably the source of
14 power for the borated water being injected into the
15 reactor vessel on Unit 1.

16 But I don't know if that's the slug-system
17 they're using. You know, we just don't know, but
18 there has to be some electrical power supply to make
19 whatever pump that is, that's going into the reactor
20 vessel.

21 So, we think that's a temporary diesel.
22 We don't know of a temporary diesel going to any of
23 the other units.

24 MALE PARTICIPANT: There was initial
25 reports, that they had brought in extra diesel, and

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1 were trying to cross-tightening that source, bringing
2 the diesel, and they were having some problems, but we
3 never got an additional report about subsequent
4 issues, whether the event was successful or not.

5 But as you said, Bill, we're drawing the
6 inference that if they have a pump running, they must
7 have some power, some electric.

8 MR. BORCHARDT: Let me also -- I forgot to
9 follow up on some of the things I mentioned at 7:30.

10 We are developing some talking points that
11 the regional state liaison officers will be able to
12 use tomorrow morning, to reach out to the States. So,
13 they'll have some talking points for -- to try to fill
14 the information vacuum that exists there.

15 We're also working on some Q&A's that are
16 being reviewed by the Chairman, now, that go beyond
17 the Q&A's from 10 or 12 hours ago. The original set
18 focused on the event in Japan. The additional Q&A's
19 have to do with kind of more of a shift to U.S. focus,
20 as to, you know, what would happen if we had a seismic
21 event in the U.S., that was the U.S. design basis,
22 those kinds of questions.

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So, let me just re-open for questions,
now.

MALE PARTICIPANT: One more question,
Bill, we've got -- there are two people headed over.
When do we expect them to be on the ground and what
are they going to do?

MR. BORCHARDT: Well, Bill Ulses, who went
over on a chartered flight -- sorry, Tony, yes, with
the U.S. Aid group, is probably expected to land
within an hour or might be landing right about now.
That flight was delayed for a number of hours.

He is going to be acting as a nuclear
technical advisor to that group and however else --

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1 whatever other support that group might need.

2 So, he is actually expected to be landing right about
3 now.

4 Jim Trapp is on a commercial flight, will
5 be landing around 7 o'clock in the morning, our time.

6 So, eight hours from now, and he is going to be met
7 by the Embassy, and I suspect, we don't know exactly
8 how he is going to be utilized, but I suspect he's
9 going to be used by the Ambassador's office to help
10 interpret nuclear information, because they don't have
11 anybody on the staff, really qualified to do that.

12 MALE PARTICIPANT: All right, thank you.

13 MR. BORCHARDT: Yes. Anybody else? All
14 right, so, we'll plan to have another one of these
15 calls, if you're so inclined to call in, at 7:30 a.m.
16 tomorrow morning, and have a good evening.

17 (CONFERENCE CALL CONCLUDED)
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