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U.S. NUCLEAR REGULATORY COMMISSION

DIABLO CANYON EVENT #37001

**Transcription of NRC-Provided Tapes  
Of Incident Conversations**

May 15-16, 2000

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## P R O C E E D I N G S

CHANNEL 1: HOO 1**DISK ID:A-00005, TAG ID:0000048420**

1  
2  
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4 MR. JOLLIFFE: NRC; this is a recorded line. May I help  
5 you?

6 MR. HACKLEMAN: Yes; this is Hackleman, Unit I, Diablo  
7 Canyon. We are having a notification of an unusual event for Unit I.  
8 This is not a drill.

9 MR. JOLLIFFE: Hold on a minute.

10 MR. HACKLEMAN: Okay.

11 MR. JOLLIFFE: All right. I am logging time 0404 Eastern  
12 Time.

13 MR. HACKLEMAN: That is correct; I'm 0104 Pacific Time.

14 MR. JOLLIFFE: And this is Diablo?

15 MR. HACKLEMAN: That is correct.

16 MR. JOLLIFFE: Which unit?

17 MR. HACKLEMAN: Unit I.

18 MR. JOLLIFFE: Spell your name for me, please.

19 MR. HACKLEMAN: Hackleman, H-A-C-K-L-E-M-A-N.

20 MR. JOLLIFFE: Okay; your first name?

21 MR. HACKLEMAN: Steve.

22 MR. JOLLIFFE: Okay; and the event time?

23 MR. HACKLEMAN: 0043.

24 MR. JOLLIFFE: That's Pacific Time?

25 MR. HACKLEMAN: That is correct.

26 MR. JOLLIFFE: And the power level?

27 MR. HACKLEMAN: Unit I is at 100 percent. The reactor is  
28 now tripped.

29 MR. JOLLIFFE: Okay; and this is an unusual event?

30 MR. HACKLEMAN: That is correct.

31 MR. JOLLIFFE: Do you have this written out on a piece of

1 paper, sir?

2 MR. HACKLEMAN: Excuse me?

3 MR. JOLLIFFE: Do you have this event written out on a piece

4 of paper?

5 MR. HACKLEMAN: That is correct.

6 MR. JOLLIFFE: Can you fax it to me when we're finished.

7 MR. HACKLEMAN: That is correct; we can do that.

8 MR. JOLLIFFE: Verify our fax number, please: 301-816-5151.

9 MR. HACKLEMAN: I understand; 301-816-5151.

10 MR. JOLLIFFE: All right; go ahead and tell me about it,

11 please.

12 MR. HACKLEMAN: Okay; and what's your name?

13 MR. JOLLIFFE: Jolliffe, J-O-L-L-I-F-F-E.

14 MR. HACKLEMAN: J-O-L-L --

15 MR. JOLLIFFE: I --

16 MR. HACKLEMAN: I --

17 MR. JOLLIFFE: F as in Foxtrot, F-E.

18 MR. HACKLEMAN: F-E, okay.

19 Okay; yes; this is Unit I. We had a aux transformer 1-1

20 fire and explosion, which forced the reactor trip and loss of offsite

21 power at the present time, and we are on the diesels with the reactor

22 tripped.

23 MR. JOLLIFFE: All right; slow down.

24 MR. HACKLEMAN: Okay.

25 MR. JOLLIFFE: Aux transformer 1-1 fire and explosion?

26 MR. HACKLEMAN: That is correct.

27 MR. JOLLIFFE: Where is that located?

28 MR. HACKLEMAN: On the north end of the turbine building,

29 Unit I.

30 MR. JOLLIFFE: In turbine --

31 MR. HACKLEMAN: On the north end.

1 MR. JOLLIFFE: -- building?  
2 MR. HACKLEMAN: Not in the turbine building; on the north  
3 end of the turbine building.  
4 MR. JOLLIFFE: Outside the turbine building?  
5 MR. HACKLEMAN: Correct.  
6 MR. JOLLIFFE: Okay; were there anybody hurt?  
7 MR. HACKLEMAN: No; there's no injuries to report. We have  
8 requested offsite fire assistance.  
9 MR. JOLLIFFE: Have they arrived yet?  
10 MR. HACKLEMAN: They're not inside the protected area at  
11 this time.  
12 MR. JOLLIFFE: Is the fire out?  
13 MR. HACKLEMAN: You know, I have not -- this is just the  
14 initial notification form we're giving to you, and I have not -- since I  
15 have been making these notifications, I have not heard --  
16 MR. JOLLIFFE: All right.  
17 MR. HACKLEMAN: -- if it's been out or not. But at the time  
18 we make this notification, no, it's not out.  
19 MR. JOLLIFFE: Okay; fine; you said no injuries?  
20 MR. HACKLEMAN: No injuries.  
21 MR. JOLLIFFE: Okay; the trip, was it an automatic trip?  
22 MR. HACKLEMAN: Correct, automatic trip.  
23 MR. JOLLIFFE: Auto reactor trip; all rods in?  
24 MR. HACKLEMAN: That is correct; all rods in.  
25 MR. JOLLIFFE: Any safety or reliefs lift?  
26 MR. HACKLEMAN: Not at this time; not that I'm aware of.  
27 Since we lost offsite power, we are on our 10 percent atmospheric dumps.  
28 MR. JOLLIFFE: Wait; wait. Wait. Slow down.  
29 MR. HACKLEMAN: Okay.  
30 MR. JOLLIFFE: Okay; that was my next question: how are you  
31 getting rid of your decay heat? Tell you what

1 --

2 MR. HACKLEMAN: We do have a heat sink. Steam generators  
3 are functional. All ESF equipment is functional. We have not had an  
4 SI.

5 MR. JOLLIFFE: Whoa, whoa, whoa. How are you getting rid of  
6 your decay heat?

7 MR. HACKLEMAN: Ten percent atmospheric dumps.

8 MR. JOLLIFFE: What about your main condenser?

9 MR. HACKLEMAN: Main condenser is not available.

10 MR. JOLLIFFE: Why not?

11 MR. HACKLEMAN: Loss of offsite power.

12 MR. JOLLIFFE: Oh, sorry.

13 MR. HACKLEMAN: Yes.

14 MR. JOLLIFFE: You've lost offsite power.

15 MR. HACKLEMAN: Correct.

16 MR. JOLLIFFE: Okay; um, your diesels are running?

17 MR. HACKLEMAN: That is correct.

18 MR. JOLLIFFE: How many?

19 MR. HACKLEMAN: We have three emergency diesels per unit.

20 All three are running on Unit I and carrying a load.

21 MR. JOLLIFFE: Okay; aux transformer 1-1 fire and explosion  
22 outside the turbine building, north end of it; auto reactor trip; all  
23 rods are in; no safety or reliefs lifted; atmospheric dumps; no  
24 injuries; offsite fire department has been called; loss of offsite  
25 power; three out of three diesels are running. Any ESF actuations?

26 MR. HACKLEMAN: Not at the present time that I'm informed  
27 of.

28 MR. JOLLIFFE: Okay; all three diesels running okay?

29 MR. HACKLEMAN: Correct.

30 MR. JOLLIFFE: Anything else?

31 MR. HACKLEMAN: Not at the present time. We'll probably be

1 giving you a follow-up notification within the next half hour.

2 MR. JOLLIFFE: What is the criteria for declaring the  
3 unusual event?

4 MR. HACKLEMAN: We have a fire, and we have requested  
5 offsite assistance for the fire.

6 MR. JOLLIFFE: All right.

7 **DISK ID:A-00005, TAG ID:0000048422**

8 MR. HACKLEMAN: Coincident with the loss of offsite power.

9 MR. JOLLIFFE: What will your criteria be for terminating  
10 the unusual event?

11 MR. HACKLEMAN: I would imagine at this time -- this is just  
12 off the top of my head -- restoring offsite power and having the fire  
13 under control.

14 MR. JOLLIFFE: Okay; anything unusual or not understood that  
15 happened along with this other than what we've talked about?

16 MR. HACKLEMAN: No, not at the present time.

17 MR. JOLLIFFE: All systems functioning as required other  
18 than what we've talked about?

19 MR. HACKLEMAN: That is correct.

20 MR. JOLLIFFE: Anything else at this time, sir?

21 MR. HACKLEMAN: Nothing to add at this time.

22 MR. JOLLIFFE: Okay; you said no SI, no ESF actuations,  
23 right?

24 MR. HACKLEMAN: That is correct.

25 MR. JOLLIFFE: Okay; have you notified the resident  
26 inspector?

27 MR. HACKLEMAN: Probably by this time he's been notified.  
28 There's another person doing our local notifications. I'm doing our  
29 official notifications; he's doing our on-site notifications. That's  
30 probably been done, correct.

31 MR. JOLLIFFE: All right; I'll put down yes. How about

1 state and local officials?  
2 MR. HACKLEMAN: State and local officials have been  
3 notified.  
4 MR. JOLLIFFE: Okay; all right; anything else?  
5 MR. HACKLEMAN: That's it at the present time.  
6 MR. JOLLIFFE: Okay; thanks for the call.  
7 MR. HACKLEMAN: Sure.  
8 MR. JOLLIFFE: Obviously, we need an update when you  
9 terminate the unusual event.  
10 MR. HACKLEMAN: Correct.  
11 MR. JOLLIFFE: Okay?  
12 MR. HACKLEMAN: Thank you very much.  
13 MR. JOLLIFFE: Thank you for the call.  
14 MR. HACKLEMAN: You're welcome; bye-bye.  
15 MR. JOLLIFFE: Can you go ahead and fax me what you have,  
16 sir?  
17 MR. HACKLEMAN: Correct; we will fax this to you.  
18 MR. JOLLIFFE: All right; thanks a lot.  
19 MR. HACKLEMAN: You're welcome.  
20 MR. JOLLIFFE: All right.  
21 MR. HACKLEMAN: Bye.  
22 [End of call.]  
23 **DISK ID:A-00005, TAG ID:0000048432**  
24 [Ringing sound.]  
25 MR. HACKLEMAN: Diablo Canyon.  
26 MR. JOLLIFFE: Hi; this is the NRC Operations Officer. I've  
27 got a couple quick questions. Can you answer them for me, please?  
28 MR. HACKLEMAN: Yes; I have to make some followup  
29 notifications real quick but --  
30 MR. JOLLIFFE: I understand; I understand. Was there any  
31 effect on Unit II, sir?

1 MR. HACKLEMAN: No, Unit II is not affected. We had some  
2 alarms associated with --

3 MR. JOLLIFFE: Okay.

4 MR. HACKLEMAN: Unit II is still online.

5 MR. JOLLIFFE: Okay; Unit I is -- what mode is it in right  
6 now?

7 MR. HACKLEMAN: Unit I is in mode three.

8 MR. JOLLIFFE: Okay; and is the fire out yet?

9 MR. HACKLEMAN: The fire -- the CDF, which is our state  
10 forestry service firefighting service, is on the scene. Firefighting  
11 efforts are ongoing.

12 MR. JOLLIFFE: So you can't say that the fire is out yet?

13 MR. HACKLEMAN: That is correct.

14 MR. JOLLIFFE: Okay; thank you.

15 MR. HACKLEMAN: Okay; and let's call this our followup  
16 notification number two if we can.

17 MR. JOLLIFFE: All right; I'm still looking for a fax.

18 MR. HACKLEMAN: Okay.

19 MR. JOLLIFFE: All right; thank you.

20 MR. HACKLEMAN: Okay; thank you very much.

21 [End of call.]

22 **DISK ID:A-00005, TAG ID:0000048435**

23 [Ringing sound.]

24 MR. HACKLEMAN: Diablo Canyon; Hackleman.

25 MR. JOLLIFFE: Hi. This is the Operations Officer. Mr.  
26 Hackleman, I've got my NRR emergency officer --

27 MR. HACKLEMAN: Mm-hmm.

28 MR. JOLLIFFE: -- and the regional support duty officer.  
29 They've got a few questions. Can you hang on, please?

30 MR. HACKLEMAN: Just for a second. We're trying to get that  
31 fax to you.

1 MR. JOLLIFFE: All right; I understand.

2 MR. HACKLEMAN: But we've lost power on that side of the  
3 control room, sir.

4 MR. JOLLIFFE: That's fine.

5 MR. HACKLEMAN: The fax machine is down.

6 MR. JOLLIFFE: Yes; let me transfer you up. They're going  
7 to be asking you how long you've been at power, and do you have any tube  
8 leaks on your steam generators?

9 MR. HACKLEMAN: Not at the present time.

10 MR. JOLLIFFE: All right; let me put you up.

11 [Intermittent dial tone.]

12 RECORDING: "This may be a recorded -- (transferred to NRC  
13 Bridge).

14 **DISK ID:A-00005, TAG ID:0000048446**

15 MR. JOLLIFFE: NRC. This is a recorded line. May I help  
16 you?

17 MR. HACKLEMAN: Yes; this is Hackleman, Unit I, Diablo  
18 Canyon.

19 MR. JOLLIFFE: Yes, sir.

20 MR. HACKLEMAN: This is another followup notification.

21 MR. JOLLIFFE: All right; stand by. I'm going to put you up  
22 on the bridge.

23 [Intermittent dial tone.]

24 RECORDING: "This may be a recorded line. If you need the  
25 assistance of an operations officer, press star-zero." (Transferred to  
26 NRC Bridge.)

27 **DISK ID:A-00005, TAG ID:0000048530**

28 MR. JOLLIFFE: NRC; this is a recorded line. May I help  
29 you?

30 MR. LEMKE: Hi, this is Lemke at Diablo Canyon.

31 MR. JOLLIFFE: Yes, sir.

1 MR. LEMKE: I wanted to give you an update on --  
2 MR. JOLLIFFE: Spell your last name for me, please.  
3 MR. LEMKE: L-E-M as in Mary-K-E.  
4 MR. JOLLIFFE: Okay; and your first name, sir?  
5 MR. LEMKE: Mark.  
6 MR. JOLLIFFE: Okay.  
7 MR. LEMKE: And your name?  
8 MR. JOLLIFFE: Jolliffe, J-O-L-L-I-F-F-E.  
9 MR. LEMKE: Okay; and this is -- looks like 4:28.  
10 MR. JOLLIFFE: I've got you logged in at 0726 Eastern Time.  
11 MR. LEMKE: Okay.  
12 MR. JOLLIFFE: Okay?  
13 MR. LEMKE: Okay; an update on where we are.  
14 MR. JOLLIFFE: Mm-hmm.  
15 MR. LEMKE: The problem with the -- okay; Unit I has  
16 tripped; Unit I is down. It's holding mode three. The transformer is  
17 intact. Aux transformer 1-1 is intact. The problem is on the lead in  
18 the 12kV switch gear room.  
19 MR. JOLLIFFE: To the transformer?  
20 MR. LEMKE: From the transformer to the 12kV switch gear.  
21 MR. JOLLIFFE: Transformer?  
22 MR. LEMKE: Right.  
23 MR. JOLLIFFE: Okay.  
24 MR. LEMKE: Okay; so I just wanted to make sure we clarified  
25 that the aux transformer 1-1 does look intact.  
26 MR. JOLLIFFE: Mm-hmm.  
27 MR. LEMKE: So we're in the process of investigating the  
28 fault --  
29 MR. JOLLIFFE: Yes?  
30 MR. LEMKE: Okay; hold on one -- okay, okay, and that fault  
31 caused some differential relays on other breakers, predominantly 12kV

1 startup bus breaker, which feeds two 4kV nonvital buses on Unit I.  
2 MR. JOLLIFFE: Okay; slow down. Say again, please? Feeds?  
3 MR. LEMKE: Feeds two 4kV --  
4 MR. JOLLIFFE: That's quantity two?  
5 MR. LEMKE: Yes.  
6 MR. JOLLIFFE: Okay.  
7 MR. LEMKE: 4kV nonvital buses.  
8 MR. JOLLIFFE: Yes?  
9 MR. LEMKE: And those -- they're interrelated. The faults  
10 are connected, the fault off of aux transformer 1-1 and this other  
11 breaker is off of startup transformer, basically, startup transformer 1-  
12 1 off of a 12kV bus. Those faults are somehow related, and we're  
13 investigating them.  
14 MR. JOLLIFFE: Okay.  
15 MR. LEMKE: The California Department of Forestry was sent  
16 home.  
17 MR. JOLLIFFE: Is that the organization that responded to  
18 fight the fire?  
19 MR. LEMKE: That is correct; they were sent home.  
20 MR. JOLLIFFE: Tell me the name of them again, because I  
21 just put offsite fire department, because I didn't get that info earlier  
22 on.  
23 MR. LEMKE: We call them CDF.  
24 MR. JOLLIFFE: California --  
25 MR. LEMKE: Department --  
26 MR. JOLLIFFE: Department of --  
27 MR. LEMKE: -- of Forestry.  
28 MR. JOLLIFFE: Forestry?  
29 MR. LEMKE: That is correct.  
30 MR. JOLLIFFE: Who actually fought the fire?  
31 MR. LEMKE: Well, as it appears, there wasn't much fire to

1 fight.

2 MR. JOLLIFFE: I see.

3 MR. LEMKE: Okay? There was a lot of smoke, and in the  
4 initial problem, they couldn't even get in to see -- there was a  
5 tremendous amount of smoke, and they couldn't get in to see if there was  
6 a fire or what was going on, so they called CDF out. CDF came out; we  
7 found out that the transformer was intact. There doesn't appear to be  
8 any fire, so it looks like the busswork somehow exploded. So then, CDF  
9 went home.

10 MR. JOLLIFFE: Okay; and this was in the 12kV switch gear  
11 room?

12 MR. LEMKE: That is correct; on Unit I.

13 MR. JOLLIFFE: Mm-hmm; okay. Anything else?

14 MR. LEMKE: No, that's about it.

15 MR. JOLLIFFE: Okay; do you have a feel yet, sir, for when  
16 and under what circumstances you can terminate the unusual event? What  
17 will your criteria be for terminating the unusual event?

18 MR. LEMKE: Our criteria would be restoration of these 4kV  
19 nonvital busses; in other words, restoring offsite power to the plant.

20 MR. JOLLIFFE: Say again what you just said. Restoring  
21 offsite power to the plant via the --

22 MR. LEMKE: Via this 12 kV startup bus.

23 MR. JOLLIFFE: Okay.

24 MR. LEMKE: In other words, we have power on the bus, but we  
25 can't get it downstream to --

26 MR. JOLLIFFE: I understand.

27 MR. LEMKE: Okay.

28 MR. JOLLIFFE: Okay.

29 MR. LEMKE: And a time estimate on that could be several  
30 hours. Again, we're still in an investigative mode.

31 MR. JOLLIFFE: Right, I understand; I understand. Okay;

1 anything else?

2 MR. LEMKE: No, sir.

3 MR. JOLLIFFE: All right. Please understand we'll put an  
4 update on this, but it's not going to hit the -- it's not going to be  
5 released from this office until tomorrow morning at this time.

6 MR. LEMKE: Tomorrow morning?

7 MR. JOLLIFFE: Right.

8 MR. LEMKE: Not Monday morning? You mean Tuesday morning?

9 MR. JOLLIFFE: Correct.

10 MR. LEMKE: And why is that?

11 MR. JOLLIFFE: Well, we release them every day before 0700  
12 every work day, Monday through Friday.

13 MR. LEMKE: I see.

14 MR. JOLLIFFE: We've already issued this one, so I'll put it  
15 in as an update, and it will go out with tomorrow's events.

16 MR. LEMKE: Okay.

17 MR. JOLLIFFE: I know you're concerned with some of the  
18 information early on that would turn out not to be quite right.

19 MR. LEMKE: Right.

20 MR. JOLLIFFE: That's why I want to make you understand  
21 that, you know, the update won't -- you won't see it on the Internet  
22 until tomorrow.

23 MR. LEMKE: Okay.

24 MR. JOLLIFFE: Okay?

25 MR. LEMKE: All right.

26 MR. JOLLIFFE: Are the resident inspectors aware of this  
27 update, sir?

28 MR. LEMKE: The resident inspector is aware of it. We've  
29 got an open line with Region IV --

30 MR. JOLLIFFE: Right.

31 MR. LEMKE: -- and some other people.

1 MR. JOLLIFFE: We're monitoring here.  
2 MR. LEMKE: Okay.  
3 MR. JOLLIFFE: As best we can.  
4 MR. LEMKE: Okay.  
5 MR. JOLLIFFE: All right; well, thanks for the call, Mr.  
6 Lemke.  
7 MR. LEMKE: You're welcome. One other thing.  
8 MR. JOLLIFFE: Yes.  
9 MR. LEMKE: When do you want another update?  
10 MR. JOLLIFFE: Well, see, and I hope I didn't mislead  
11 whoever I talked to. You folks are updating, I think, the state like  
12 every 15 minutes.  
13 MR. LEMKE: Every 30 minutes.  
14 MR. JOLLIFFE: Thirty minutes, whatever it is. Well, you  
15 know, to call in and say no change, no change, no change, we don't need  
16 that. What we need is a change, an update when there is a significant  
17 change.  
18 MR. LEMKE: Okay.  
19 MR. JOLLIFFE: And, of course, when you terminate the  
20 unusual event.  
21 MR. LEMKE: Okay.  
22 MR. JOLLIFFE: Okay?  
23 MR. LEMKE: Understand.  
24 MR. JOLLIFFE: All right; well, thank you.  
25 MR. LEMKE: Thank you.  
26 MR. JOLLIFFE: Bye-bye.  
27 MR. LEMKE: Bye.  
28 [End of call.]  
29  
30 **DISK ID:A-00005, TAG ID:0000048781**  
31 MR. JOLLIFFE: NRC, this is a recorded line; may I help you?

1 MR. LEMKE: Yes; this is Lemke at Diablo Canyon with a  
2 notification.

3 MR. JOLLIFFE: All right; hold on.

4 [Pause.]

5 MR. JOLLIFFE: Okay; logging at time 1105 Eastern Time.

6 MR. LEMKE: Okay.

7 MR. JOLLIFFE: And this is Unit I again?

8 MR. LEMKE: Yes; this is a followup on Unit I.

9 MR. JOLLIFFE: Okay; and you're Mr. Lemke?

10 MR. LEMKE: Right.

11 MR. JOLLIFFE: Okay.

12 MR. LEMKE: And your name?

13 MR. JOLLIFFE: Same as before, Jolliffe.

14 MR. LEMKE: Okay; okay; gee, you've got a long night, huh?

15 MR. JOLLIFFE: Yes; from midnight last night until noon  
16 today Eastern Time.

17 MR. LEMKE: Oh, okay. Basically, there's no change, but  
18 it's been a couple of hours, and I just kind of wanted to make sure you  
19 knew. We're making preparations to cool down still.

20 MR. JOLLIFFE: Right.

21 MR. LEMKE: And we're making preparations to backfeed from  
22 the 500kV system, and we anticipate being in this configuration most of  
23 the day. Cooling down, depressurizing will take most of the day, and  
24 actually backfeeding and clearing that system will take many, many hours  
25 as well.

26 MR. JOLLIFFE: Okay.

27 MR. LEMKE: So not much else to tell you.

28 MR. JOLLIFFE: Any estimate on -- well, first of all, you  
29 have to get that breaker closed before you can terminate the unusual  
30 event; is that correct?

31 MR. LEMKE: By that breaker, do you mean 52VU14?

1 MR. JOLLIFFE: If that's the number; I don't have it here in  
2 front of me.

3 MR. LEMKE: No, that's not what we're doing.

4 MR. JOLLIFFE: Okay; let me rephrase the question. What  
5 will your criteria be for terminating the unusual event?

6 MR. LEMKE: Okay; as it stands right now, we need to  
7 backfeed, which means we need to supply power to aux transformer 1-2,  
8 which will then feed our 4kV vital busses and allow us to shut down the  
9 diesel generators.

10 MR. JOLLIFFE: I see.

11 MR. LEMKE: And currently, that's kind of where we're headed  
12 for termination of the NUE.

13 MR. JOLLIFFE: Okay; any time estimate on that?

14 MR. LEMKE: Late today.

15 MR. JOLLIFFE: Okay.

16 MR. LEMKE: Now, there's a potential that the plant  
17 management may want to look at that a little bit differently and take a  
18 more literal approach to that, but we'll see. That's currently where  
19 we're going.

20 MR. JOLLIFFE: Okay; and the resident inspector, of course,  
21 is aware of all this.

22 MR. LEMKE: Yes.

23 MR. JOLLIFFE: And we got your press release. Have you or  
24 do you plan on issuing an update to that press release at all?

25 MR. LEMKE: Yes; our press guy is talking to the local  
26 media. He's had local interviews with them. As far as publishing a  
27 press release --

28 MR. JOLLIFFE: That's what I meant.

29 MR. LEMKE: He knows that you guys want copies of those as  
30 well.

31 MR. JOLLIFFE: Correct, correct.

1 MR. LEMKE: So any that we put out, he will fax a copy to  
2 you guys.

3 MR. JOLLIFFE: Good; thank you; thank you. Who all do you  
4 send them to at the NRC?

5 MR. LEMKE: Who all do we send them to?

6 MR. JOLLIFFE: Yes.

7 MR. LEMKE: In this case, just the number you guys gave us.

8 MR. JOLLIFFE: Okay; I assume that's the Region IV office.

9 MR. LEMKE: I'm pretty sure it is.

10 MR. JOLLIFFE: Could I ask you to put us on copy as well,  
11 sir, to headquarters here? That would save us from having to get them  
12 through our region.

13 MR. LEMKE: You bet; what's your fax number?

14 MR. JOLLIFFE: 301 --

15 MR. LEMKE: 301 --

16 MR. JOLLIFFE: 301-816-5151.

17 MR. LEMKE: That's 301-816-5151.

18 MR. JOLLIFFE: Correct; in other words, anytime you send one  
19 to the Region IV office, if you'd send us one here at headquarters as  
20 well, we'd appreciate it.

21 MR. LEMKE: Okay; will do.

22 MR. JOLLIFFE: Okay.

23 MR. LEMKE: All right.

24 MR. JOLLIFFE: Okay; well, thank you for the update.

25 MR. LEMKE: You're welcome.

26 MR. JOLLIFFE: Bye.

27 [End of call.]

28 **DISK ID:A-00005, TAG ID:0000048966**

29 MR. JONES: NRC Operations Center. This is a recorded line.

30 MR. GRIFFIN: Hi; this is John Griffin, Diablo Canyon Unit

31 I.

1 MR. JONES: Yes, sir.

2 MR. GRIFFIN: We haven't called in awhile, and I just wanted  
3 to give you a followup.

4 MR. JONES: Okay; just a minute.

5 MR. GRIFFIN: Sure.

6 MR. JONES: Let me get a piece of paper here. Go right  
7 ahead.

8 MR. GRIFFIN: The only major plant change is that at  
9 approximately 9:00, we actually commenced our plant cooldown to cold  
10 shutdown.

11 MR. JONES: Right.

12 MR. GRIFFIN: And currently, we're at approximately 450  
13 degrees in the primary system. This is Unit I.

14 MR. JONES: Right.

15 MR. GRIFFIN: Understand?

16 MR. JONES: Okay.

17 MR. GRIFFIN: And other than that, that's the only real  
18 major change.

19 MR. JONES: Okay; any progress on rerouting your power?

20 MR. GRIFFIN: Yes; we are. We're making progress in two  
21 ways. We've hung the necessary clearance to do the maintenance  
22 activities that we need in order to backfeed from offsite power, and we  
23 also are in the process of hooking up a temporary generator in our  
24 switchyard so that we'll maintain our protective relay and our control  
25 power to our large switch gear breakers.

26 MR. JONES: Okay.

27 MR. GRIFFIN: And that's ongoing right now.

28 MR. JONES: Okay; thank you. And can I have your name  
29 again, please?

30 MR. GRIFFIN: My name is John Griffin, G-R-I-F-F-I-N.

31 MR. JONES: Okay; Mr. Griffin. Thanks very much.

1 MR. GRIFFIN: And who am I speaking to?

2 MR. JONES: My name is Jones. First initial is F.

3 MR. GRIFFIN: Fangie Jones; great; okay. Thank you very  
4 much.

5 MR. JONES: Thank you.

6 MR. GRIFFIN: Good bye now.

7 MR. JONES: Good bye.

8 [End of call.]

9 **DISK ID:A-00005, TAG ID:0000049274**

10 MR. JONES: NRC Operations Center. This is a recorded line.

11 MR. EDWARDS: Yes; this is Edwards at Diablo Canyon Unit I  
12 calling about the Notice of an Unusual Event.

13 MR. JONES: Yes, sir.

14 MR. EDWARDS: And we've been typically keeping a half-hour  
15 notification with the region.

16 MR. JONES: Right.

17 MR. EDWARDS: But the notification number 17, we're faxing  
18 in additional information to help you out with notification number 1, so  
19 you'll be receiving a fax.

20 MR. JONES: It's on the way in now. It hasn't made it quite  
21 here yet.

22 MR. EDWARDS: Yes; she's faxing it right now, so that's why  
23 I'm calling you, and then I'll call and then I'll talk to the region and  
24 tell them it's been sent.

25 MR. JONES: Okay.

26 MR. EDWARDS: Okay; and your name is?

27 MR. JONES: Jones.

28 MR. EDWARDS: Jones?

29 MR. JONES: Uh-huh.

30 MR. EDWARDS: Okay; thank you very much.

31 MR. JONES: Thank you.

1 MR. EDWARDS: All right; bye.

2 [End of call.]

3 **DISK ID:A-00005, TAG ID:0000049280**

4 MR. JONES: NRC Operations Center. This is a recorded line.

5 MS. FISHER: Hi; this is Teresa Fisher from Diablo Canyon,  
6 and I'm calling to confirm -- I sent you guys a fax, and I want to make  
7 sure you guys received it.

8 MR. JONES: Sure did.

9 MS. FISHER: Okay; thank you. And your name again?

10 MR. JONES: Jones.

11 MS. FISHER: Jones? Okay; thank you.

12 MR. JONES: Thank you.

13 MS. FISHER: Uh-huh.

14 [End of call.]

15 **DISK ID:A-00005, TAG ID:0000049410**

16 [Ringing sound.]

17 MR. ANDERSON: Anderson.

18 MR. JOLLIFFE: Good morning. This is NRC calling for plant  
19 status, please.

20 MR. ANDERSON: Okay; we've got Unit I is in mode three, and  
21 Unit II is in mode one at 100 percent.

22 MR. JOLLIFFE: Thank you.

23 MR. ANDERSON: You bet.

24 [End of call.]

25 **DISK ID:A-00006, TAG ID:0000000094**

26 [Ringing sound.]

27 MR. TERRY: Control room, Terry.

28 MR. MACKINNON: Good morning, Terry. This is John MacKinnon  
29 with the Nuclear Regulatory Commission.

30 MR. TERRY: Hi, how are you?

31 MR. MACKINNON: All right. I'm one of the headquarters

1 operations officers. I tried to call you on the red phone, and it  
2 doesn't seem to be working. I get a fast busy signal.

3 MR. TERRY: Okay.

4 MR. MACKINNON: Can you check that out?

5 MR. TERRY: Yes; I will do that for you. What number are  
6 you at?

7 MR. MACKINNON: 301-816-5100.

8 MR. TERRY: 5100? And you're John --

9 MR. MACKINNON: MacKinnon, M-A-C-K-I-N-N-O-N.

10 MR. TERRY: I'll check it out, and we'll see and get back to  
11 you.

12 MR. MACKINNON: Thanks a lot; bye.

13 MR. TERRY: You're welcome.

14 [End of call.]

15 **DISK ID:A-00006, TAG ID:0000000098**

16 [Ringing sound.]

17 MR. MACKINNON: USNRC, recorded line; John MacKinnon  
18 speaking.

19 MR. ARIANO: Yes; this is Bob Ariano at Diablo Canyon Unit  
20 II. I'm one of the seniors out here.

21 MR. MACKINNON: Yes, sir.

22 MR. ARIANO: I understand you're having problems getting  
23 through on this phone. The NRC representative, the site representative  
24 who is normally here, is off out of the control room right now.

25 MR. MACKINNON: Okay.

26 MR. ARIANO: So that's the reason why the phone wasn't being  
27 answered. So is there anything we can help you with?

28 MR. MACKINNON: No, no, no; when I was dialing 4567, it just  
29 got a fast busy signal.

30 MR. ARIANO: Oh, okay.

31 MR. MACKINNON: That was the problem; I mean, it should

1 ring. Even if there is nobody there, it should ring. So that's the  
2 regular red phone there so I wondered if it was broken or something.  
3 That's all.

4 MR. ARIANO: No; there's a phone here that goes to your -- I  
5 guess it's the NRC -- it says ENS system.

6 MR. MACKINNON: Yes, that's me.

7 MR. ARIANO: Right; apparently, we're keeping that line  
8 open.

9 MR. MACKINNON: Oh, you are? That's great.

10 MR. ARIANO: And every time they wanted to talk with  
11 somebody, they would just go ahead and talk into it, and they would get  
12 the speaker phone on the other end.

13 MR. MACKINNON: Oh, okay.

14 MR. ARIANO: So the line is opened. Do you want that line  
15 closed up?

16 MR. MACKINNON: No, no, no, I just wanted to know what the  
17 reason was. We can get a commercial line in. That's not a problem.

18 MR. ARIANO: Oh, okay.

19 MR. MACKINNON: Are they out of unusual event yet?

20 MR. ARIANO: Yes; they exited the unusual event I want to  
21 say about 15 or 20 minutes ago.

22 MR. MACKINNON: Yes; because we got a fax here that says  
23 0959, termination unusual event; offsite power restored.

24 MR. ARIANO: If that's the fax that you received, and that  
25 what it says, that's the time, then.

26 MR. MACKINNON: So they have to officially call us up and  
27 tell us that.

28 MR. ARIANO: I'm not sure who's doing the notification.

29 MR. MACKINNON: Okay; just remind them that they have to  
30 actually physically -- they have to actually pick up the phone and tell  
31 us --

1 MR. ARIANO: Okay.

2 MR. MACKINNON: -- that they've terminated the unusual  
3 event.

4 MR. ARIANO: Okay.

5 MR. MACKINNON: Just faxing me something doesn't make it --

6 MR. ARIANO: Sure; I understand that. Now, I'm on the Unit  
7 II side, the running unit.

8 MR. MACKINNON: Oh, that's fine.

9 MR. ARIANO: So let me go remind these guys just to make  
10 sure they follow up if they haven't, and I'm sure they have.

11 MR. MACKINNON: There's no big rush, as long as they know  
12 they have to do that and call us back.

13 MR. ARIANO: Okay; hang on. That was a fax, but they need  
14 to be officially notified. I'm talking with my CRA here. Mr. Bahner  
15 was doing the notifications.

16 MR. MACKINNON: Yes; I have a David Bahner who signed at the  
17 bottom of this thing at 10:00 Pacific Time, which is 1:00 our time.

18 MR. ARIANO: Okay; so they notified you at 10:00?

19 MR. MACKINNON: No, no, the fax shows that.

20 MR. ARIANO: The fax showed up at that time.

21 MR. MACKINNON: And it has his name signed to it.

22 MR. ARIANO: Sure.

23 MR. MACKINNON: But nobody called us up.

24 MR. ARIANO: Sure; let me go get with Mr. Bahner, and if he  
25 hasn't called you, we'll make sure he gives you a call.

26 MR. MACKINNON: Yes; yes; yes; I just want to make sure they  
27 realize they have to actually call us up.

28 MR. ARIANO: Correct.

29 MR. MACKINNON: Over the phone.

30 MR. ARIANO: Correct.

31 MR. MACKINNON: Fine; thanks a lot.

1 MR. ARIANO: Okay; you're very welcome.

2 MR. MACKINNON: Bye.

3 [End of call.]

4 DISK ID:A-00006, TAG ID:0000000111

5 MR. JONES: NRC Operations Center; this is a recorded line.

6 MR. ARIANO: Yes; is this Mr. John MacKinnon?

7 MR. JONES: Hello? This is the Nuclear Regulatory

8 Commission. This is a recorded line.

9 MR. ARIANO: Okay; I was trying to call area code 301-816-  
10 5100.

11 MR. MACKINNON: Yes; you've got it.

12 MR. ARIANO: Okay; very good. My name is Bob Ariano. I'm  
13 at Diablo Canyon Unit II. Mr. John MacKinnon I think his name is?

14 MR. JONES: John MacKinnon.

15 MR. MACKINNON: Yes, I am here. I am here.

16 MR. ARIANO: Okay; John, I talked with the shift supervisor.  
17 He made his notification at 10:08, and he talked to a Mr. Tapia on the  
18 NRC line.

19 MR. JONES: That's Region IV.

20 MR. MACKINNON: It has nothing to do with -- they can't take  
21 the event notification.

22 MR. ARIANO: Region IV is not able to take the notification?

23 MR. MACKINNON: That's right. They have to call us up here.

24 MR. ARIANO: Okay; I see what the problem is here.

25 MR. MACKINNON: Yes; did he tell you -- he called NRC Region  
26 IV, but they're not the operations center.

27 MR. ARIANO: Oh, okay.

28 MR. MACKINNON: The Code of Federal Regulations says he has  
29 to call here, not Region IV.

30 MR. ARIANO: Okay; I'll tell you what: I will notify him,  
31 and we'll try to make the situation better, and you'll get a call back

1       shortly. He was under the conception that this line, since it was open  
2       to the Region IV, that we were making our notifications.

3               MR. MACKINNON: No, no.

4               MR. ARIANO: Okay; very good. We'll be giving you a call  
5       shortly, then.

6               MR. JONES: Okay; thank you. Sorry for the  
7       misunderstanding.

8               [End of call.]

9                               **DISK ID:A-00006, TAG ID:0000000122**

10              MR. JONES: NRC Operations Center. This is a recorded line.

11              MR. PETERSON: Hi; this is Peterson, Diablo Canyon Unit I.

12              MR. JONES: Yes, sir.

13              MR. PETERSON: I'm calling to notify that we exited the NUE  
14       for Diablo Canyon Unit I at 10:59.

15              MR. JONES: 10:59 Pacific?

16              MR. PETERSON: Correct.

17              MR. JONES: And your name again, please? Peterson?

18              MR. PETERSON: Yes; Peterson, I'm sorry; 9:59 was the time.

19              MR. JONES: 9:59.

20              MR. PETERSON: 9:59.

21              MR. JONES: Okay.

22              MR. PETERSON: We had been on the phone with the NRC Region  
23       IV. Apparently, that wasn't good enough, and we had exited with them.

24              MR. JONES: Right.

25              MR. PETERSON: So this is notification for you.

26              MR. JONES: Yes; that's happened before. We didn't get the  
27       word. Okay.

28              MR. PETERSON: What's your name again?

29              MR. JONES: My name is Jones.

30              MR. PETERSON: Jones?

31              MR. JONES: First initial is F. Can I have your first

1 initial, please?

2 MR. PETERSON: Yes, D as in delta.

3 MR. JONES: D as in delta; thank you.

4 MR. PETERSON: F. Jones, and I notified you at 10:58.

5 MR. JONES: Okay; not a problem.

6 MR. PETERSON: Any other questions?

7 MR. JONES: No; you got power restored to your 4kV vitals.

8 MR. PETERSON: That is correct.

9 MR. JONES: Diesel generators are secured. And do you know  
10 when -- are you going to resume your cooldown?

11 MR. PETERSON: We're doing chemistry hold right now. We'll  
12 resume a little later this afternoon, but right now, it will be purely  
13 up to chemistry.

14 MR. JONES: Good; okay. Well, I hope everything else works  
15 smoothly for you.

16 MR. PETERSON: All right. Thank you. Take care. Bye.

17 MR. JONES: Thank you. Have a good day.

18 [End of call.]

19 [End of HOO 1 tape.]

20 CHANNEL 2: HOO 2

21 **DISK ID:A-00005, TAG ID:0000048470**

22 MR. HACKLEMAN: Diablo Canyon, Hackleman.

23 MR. MACKINNON: Good morning, Hackleman.

24 MR. HACKLEMAN: Yes.

25 MR. MACKINNON: Just a question: Unit I is in hot shutdown  
26 right now?

27 MR. HACKLEMAN: That is correct.

28 MR. MACKINNON: Unit II is 100 percent?

29 MR. HACKLEMAN: That is correct.

30 MR. MACKINNON: Need to ask you a question again.

31 MR. HACKLEMAN: Yes.

1 MR. JOLLIFFE: On Unit I, did the auxiliary feed water  
2 system start automatically with the reactor trip?

3 MR. HACKLEMAN: It started automatically on the low levels  
4 in the steam generators; that is correct.

5 MR. JOLLIFFE: All right. Thank you.

6 MR. HACKLEMAN: And also, we did have the auto-start of our  
7 emergency diesel generators, but I think I told you that.

8 MR. MACKINNON: But they didn't load up, right?

9 MR. HACKLEMAN: That is correct; they did load up.

10 MR. MACKINNON: They did load up?

11 MR. HACKLEMAN: They did load up.

12 MR. MACKINNON: Okay; and how many diesels do you have?  
13 Two?

14 MR. HACKLEMAN: We have three vital buses and three  
15 emergency diesel generators, and they all started and loaded their  
16 respective buses.

17 MR. MACKINNON: Okay; thank you very much.

18 MR. HACKLEMAN: Okay; and also, just an update, a little bit  
19 more information. You asked about a steam generator safety.

20 MR. MACKINNON: Uh-huh.

21 MR. HACKLEMAN: About 25 minutes to a half an hour into the  
22 event, we had a steam generator safety on steam generator two fail open  
23 for approximately 30 minutes. We were finally able to get it reseated  
24 by depressurizing the generator with our 10 percent dump.

25 MR. JOLLIFFE: Okay; steam generator number two

26 --

27 MR. HACKLEMAN: Yes.

28 MR. MACKINNON: -- code safety valve failed open, right?

29 MR. HACKLEMAN: That is correct; possibly 25 to 30 minutes  
30 into the event.

31 MR. MACKINNON: How long did it remain open?

1 MR. HACKLEMAN: Approximately 25 to 30 minutes.

2 MR. MACKINNON: 25 to 30 minutes, it stayed open.

3 MR. HACKLEMAN: Correct.

4 MR. MACKINNON: And what? You isolated the steam generator  
5 right away and shut the MSIVs [inaudible]?

6 MR. HACKLEMAN: Correct; the generator was already pretty  
7 much isolated at that time. We depressurized the generator with a 10  
8 percent dump, and the safety re-seated. It took a little while before  
9 it was noticed, because that generator also supplies our steam-driven  
10 aux feed pump, so -- but as soon as we depressurized with the 10  
11 percenters, it was isolated or the --

12 MR. MACKINNON: Closed again, right?

13 MR. HACKLEMAN: The safety closed; that is correct.

14 MR. MACKINNON: How many safeties do you have on them, per  
15 steam generator?

16 MR. HACKLEMAN: We have five per generator.

17 MR. MACKINNON: And what is it set at? A 2,500?

18 MR. HACKLEMAN: No, no, approximately 1,150.

19 MR. MACKINNON: Okay; I'm sorry; yes, okay, 1,150. All  
20 right; no other complications?

21 MR. HACKLEMAN: No other complications at this time. The  
22 fire is out, and CDF, our local fire agency, assist fire agency, has  
23 been released from the scene.

24 MR. MACKINNON: The fire department has been released from  
25 the scene?

26 MR. HACKLEMAN: That is correct.

27 MR. MACKINNON: And number two code safety valve failed open  
28 25 to 30 minutes after being in the event, failed about 20 to 25  
29 minutes. You closed it by depressurizing one of your steam dumps about  
30 10 percent, and the reason you didn't catch it earlier is because your -  
31 - this steam generator also supplies steam for the turbine-driven aux

1 feed water pump.

2 MR. HACKLEMAN: That is correct.

3 MR. MACKINNON: Okay; all right. Thank you very much.

4 MR. HACKLEMAN: You're welcome.

5 MR. MACKINNON: Bye.

6 MR. HACKLEMAN: We'll see you later; bye-bye.

7 [End of call.]

8 **DISK ID:A-00005, TAG ID:0000048488**

9 MR. LEMKE: Diablo Canyon, Mark Lemke.

10 MR. MACKINNON: Mark, this is John MacKinnon with the  
11 Nuclear Regulatory Commission headquarters operations officer.

12 MR. LEMKE: Hi, John.

13 MR. MACKINNON: Are you guys available to talk to Region IV,  
14 our office in Arlington, Texas? They're getting some conflicting  
15 information between the resident inspector and what we've told them so  
16 far.

17 MR. LEMKE: Sure.

18 MR. MACKINNON: Okay; I'm going to place you on bridge  
19 number two, we call them; it will be Tom Andrews out of Arlington, Texas  
20 will be on the bridge.

21 MR. LEMKE: Okay.

22 MR. MACKINNON: Okay?

23 MR. LEMKE: Okay.

24 MR. MACKINNON: Thank you. Here you go.

25 [End of call.]

26 RECORDING: "This may be a recorded -- " (transferred to  
27 ENS bridge).

28 **DISK ID:A-00005, TAG ID:0000048625**

29 MR. MACKINNON: USNRC recorded line; John MacKinnon  
30 speaking.

31 MR. LEMKE: Hi, Mark Lemke.

1 MR. MACKINNON: Yes, Mark, how can I help you?  
2 MR. LEMKE: I was going to give you guys an update.  
3 MR. MACKINNON: Okay; let me get a piece of paper here,  
4 Mark.  
5 MR. LEMKE: I thought you were on that other line.  
6 MR. MACKINNON: I'm on all sorts of lines. I'm everywhere.  
7 MR. LEMKE: You're everywhere.  
8 MR. MACKINNON: Okay; I have you calling me at 8:24 Eastern  
9 Time.  
10 MR. LEMKE: Okay.  
11 MR. MACKINNON: And what's the update, Mark?  
12 MR. LEMKE: 8:44.  
13 MR. MACKINNON: 8:42.  
14 MR. LEMKE: 8:42?  
15 MR. MACKINNON: Right; I'm sorry.  
16 MR. LEMKE: Okay; hold on. Let me get some of this down.  
17 8:42; that's 5:42. Okay; I can't -- you know, I've been talking to so  
18 many people, I'm not sure what I've told you guys and what I haven't.  
19 So we had an explosion in the aux transformer 1-1 bus line.  
20 MR. MACKINNON: Yes.  
21 MR. LEMKE: You know that.  
22 MR. MACKINNON: Yes.  
23 MR. LEMKE: Okay; and the startup transformer 1-2 bus  
24 ducting is right above it.  
25 MR. MACKINNON: Uh-huh.  
26 MR. LEMKE: And the heat from the explosion caused the  
27 problems with the startup bus ducting.  
28 MR. MACKINNON: Okay.  
29 MR. LEMKE: And that's why we can't get 52VU14 closed.  
30 MR. MACKINNON: V-U or U-V?  
31 MR. LEMKE: V-U.

1 MR. MACKINNON: V-U closed; okay.

2 MR. LEMKE: Okay.

3 MR. MACKINNON: Is the ducting to SUT 1-1 -- the SUT 1-1  
4 ducting bent, and that's what caused the breaker --caused the breaker,  
5 caused your problem?

6 MR. LEMKE: Well, the breaker -- yes, the breaker opened  
7 because -- and that's the breaker that feeds the 1-2 startup  
8 transformer.

9 MR. MACKINNON: Uh-huh?

10 MR. LEMKE: And that opened because that bus ducting is just  
11 above the aux transformer 1-1 bus ducting that exhibited the problem.

12 MR. MACKINNON: Oh, okay; all right. That's why the breaker  
13 opened.

14 MR. LEMKE: Close proximity, yes, and then, that cause the  
15 fault on the bus ducting for the startup transformer, and it caused that  
16 52VU14 to relay open.

17 MR. MACKINNON: Okay; and that's in the switch gear room, I  
18 guess, right?

19 MR. LEMKE: Right.

20 MR. MACKINNON: Okay; so that, that's where the explosion  
21 was.

22 MR. LEMKE: That is correct.

23 MR. MACKINNON: That caused the ducting to --

24 MR. LEMKE: Right.

25 MR. MACKINNON: -- which caused the breaker to open, which  
26 caused you to lose the 1-2 startup transformer.

27 MR. LEMKE: Correct; and that's predominantly what's holding  
28 us in an NUE?

29 MR. MACKINNON: Yes, yes; we know that. If you can get that  
30 closed, you're saying you're going to stay in NUE until that time.

31 MR. LEMKE: Correct.

1 MR. MACKINNON: I know the resident inspector already knows  
2 about that, and I don't have to ask that question.

3 MR. LEMKE: And we're in the process of heading to cold  
4 shutdown, mode five. So we're going to cool down and depressurize.

5 MR. MACKINNON: Cool down and -- okay, depressurize. All  
6 right.

7 MR. LEMKE: Yes; we kind of pretty much have to for tech  
8 spec reasons. We don't think we're going to be able to restore in time,  
9 so we're going to --

10 MR. MACKINNON: Yes; I had that breaker in [inaudible] but  
11 why do I get 52 -- he said V-U, right?

12 MR. LEMKE: That's right.

13 MR. MACKINNON: VU14?

14 MR. LEMKE: Correct.

15 MR. MACKINNON: Okay; I have that; okay. All right; and  
16 where is that actually physically located?

17 MR. LEMKE: That's down in the 12kV switch gear room.

18 MR. MACKINNON: Switch gear room; okay. And that -- okay, I  
19 get you.

20 MR. LEMKE: Okay.

21 MR. MACKINNON: Yes; okay; thanks for the information. You  
22 know, Mike and his updated event or not.

23 MR. LEMKE: Yes; I just thought I'd let you know we're  
24 heading -- you know.

25 MR. MACKINNON: Yes.

26 MR. LEMKE: We did find that out, and the fact that we are  
27 heading to cold shutdown is also a change.

28 MR. MACKINNON: Okay.

29 MR. LEMKE: All right?

30 MR. MACKINNON: Well, thank you very much, Mr. Lemke.

31 MR. LEMKE: You're welcome.

1 MR. MACKINNON: Good luck.

2 MR. LEMKE: Okay; bye-bye.

3 MR. MACKINNON: Bye.

4 [End of call.]

5 CHANNEL 10: NRC BRIDGE

6 **DISK ID:A-00005, TAG ID:0000048436**

7 MR. CALVO: They should not be dumping the steam right now  
8 but, you know --

9 MR. GIITTER: Well, if they lost their condenser they would  
10 be.

11 MR. HACKLEMAN: Hello, is somebody talking here? Who's  
12 talking on the line, Diablo Canyon.

13 MR. GIITTER: Joe Gitter from the NRC, Jose Calvo.

14 MR CALVO: Yes.

15 MR. JOLLIFFE: This is Mr.Hackleman from the licensee.

16 MR. HACKLEMAN: And can you hold the line for just a second?  
17 I will be right with you.

18 MR. GIITTER: Sure.

19 MR. HACKLEMAN: Thank you.

20 MR. JOLLIFFE: I asked him a quick question while I had him  
21 on there. I have got the other phone ringing.

22 There were no tubes damaged and they are dumping steam to  
23 the atmosphere. They are shut down in Mode 3.

24 MR. CALVO: You said; they are not dumping the steam right  
25 now, right?

26 MR. JOLLIFFE: They are, yes.

27 MR. CALVO: They are. He said they have no tube damage,  
28 right?

29 MR. GIITTER: That's what he said, yeah. Hello?

30 MR. CALVO: Over here. Hello. Hello.

31 [Pause.]

1 MR. CALVO: Hello. Anybody there?

2 MR. GIITTER: He said he had to step off for a minute.

3 I think this is him here. I think we are hearing the background, Jose.

4 MR. CALVO: Okay; hello?

5 [Background.]

6 MR. GIITTER: Jose, I think he may be making another

7 notification. Why don't we hang here for a second.

8 [Background.]

9 MR. GIITTER: I think he might be talking to the county or

10 to

11 the county in California.

12 MR. JOLLIFFE: This is Dick Jolliffe. I am back on the

13 line. Did the licensee come back on?

14 MR. GIITTER: Not yet.

15 MR. JOLLIFFE: Okay. I asked him real quick. He said they

16 have no steam generator tube ruptures.

17 MR. GIITTER: Leaks.

18 MR. JOLLIFFE: Leaks, rather. What was the other question,

19 Mr. Calvo? Oh, I did not ask him how long they had been at power. I

20 didn't get that information [inaudible].

21 MR. HACKLEMAN: Hello. This is Hackleman again. Sorry to

22 keep you waiting. Had another notification on the line.

23 MR. JOLLIFFE: Okay.

24 MR. HACKLEMAN: Got Mr. Hackleman here, Diablo Canyon.

25 MR. JOLLIFFE: Go ahead, sir.

26 MR. GIITTER: Go ahead.

27 MR. HACKLEMAN: Okay, so I am ready to answer any questions

28 you gentlemen have.

29 MR. CALVO: Yes. One thing I would ask in the steam

30 generator, what is the history? You have no leakage. From

31 what I understand there's no tubes leaking, right?

1 MR. HACKLEMAN: No.

2 MR. CALVO: As far as you know, and the other one is the no  
3 fuel damage or anything like that, right?

4 MR. HACKLEMAN: Not at the present time, that's correct.

5 MR. CALVO: Okay. You also said that you have a  
6 transformer, [inaudible] and you get the fires because of maybe a  
7 rupture, the casings and you've got oil all over the place?

8 MR. HACKLEMAN: We have a transformer fire. The report from  
9 the field? We don't know that there is oil all over the place but we  
10 do know we have a fire at this time.

11 MR. CALVO: Do you got any underbrush in there or is the  
12 fire contained to the switchyard or so as far as you know?

13 MR. HACKLEMAN: We do not have that report from the field  
14 yet, okay.

15 MR. CALVO: The transformer is close to the plant?

16 MR. HACKLEMAN: Excuse me?

17 MR. CALVO: The transformer in the switchyard is close to  
18 the plant, right?

19 MR. HACKLEMAN: This transformer is right at the north end  
20 of the Unit 1 turbine building. It is probably only 40 feet away  
21 from the outside of the turbine building.

22 MR. CALVO: I see. All you know that -- you have no report  
23 --

24 MR. HACKLEMAN: Excuse me? Hello?

25 Sorry, I had some beeping and I did not hear what your last  
26 comment was.

27 MR. CALVO: [Inaudible] you don't know whether the fire is  
28 affecting the switchyard? You see -- I'm sorry, you've got loss of  
29 offsite power you say, right?

30 MR. HACKLEMAN: Correct.

31 MR. CALVO: You got Unit Number 2 running.

1 MR. HACKLEMAN: That is correct.

2 MR. CALVO: First of all. All right. Number 2 is running.

3 MR. JOLLIFFE: Is Unit 2 at 100 percent power?

4 MR. HACKLEMAN: That is correct.

5 MR. JOLLIFFE: Okay, thank you.

6 MR. CALVO: The normal operation, the auxiliary  
7 transformer, that's the one that provides power to the emergency  
8 buses in case you need it, right? During normal operation?

9 MR. HACKLEMAN: Correct. The diesel generators, the power on  
10 three emergency buses.

11 MR. CALVO: They would be running now, the diesel generator  
12 --

13 MR. HACKLEMAN: They are running, correct.

14 MR. CALVO: But normally what -- the unit auxiliary  
15 transformer is not, this is not the emergency source of offsite  
16 power, right?

17 MR. HACKLEMAN: It is our backup source. It is our source  
18 that we have for delayed access.

19 MR. CALVO: For delayed access? [Inaudible.] Delayed  
20 access [inaudible].

21 MR. HACKLEMAN: Normally we have two sources of offsite  
22 power, our startup source --

23 MR. CALVO: Right.

24 MR. HACKLEMAN: -- which is normally we use when the power  
25 unit is, it's basically our secondary source and we use that to  
26 supply the buses when the unit is offline and not supplying our own  
27 load.

28 MR. CALVO: When the unit is offline, right, as soon as the  
29 transformer is down, right?

30 When the unit is off of the line you got two outside sources  
31 of offsite power, right?

1 MR. HACKLEMAN: Correct.

2 MR. CALVO: Two. If both of them go -- presumably both of  
3 those are down now?

4 MR. HACKLEMAN: They are available but because of the relay  
5 action, because of the fire we have not been able to energize the  
6 buses in the plant so we don't have offsite power available inside  
7 the plant yet. It is available at the switchyard but --

8 MR. CALVO: But you can't get it to the plant you said?

9 MR. HACKLEMAN: That's correct. We can't get it into the  
10 plant, at the present time.

11 MR. CALVO: That's both sources, right?

12 MR. HACKLEMAN: At the present time, correct.

13 MR. CALVO: Now the Unit Number 2, the offsite power is  
14 independent of Unit Number 1, right?

15 MR. HACKLEMAN: Correct, and we have offsite power, both  
16 sources of offsite power to Unit 2.

17 MR. CAIN: Duty Officer, this is Chuck Cain.

18 MR. JOLLIFFE: Yes, sir.

19 MR. CAIN: Can I ask you to get Ken Brockman up on the line.

20 MR. JOLLIFFE: Will do.

21 MR. CALVO: We still don't know. We don't know --

22 MR. HACKLEMAN: Don't know what? What do you need?

23 MR. CALVO: We don't know what the fire is doing now, right?

24 MR. HACKLEMAN: We know the fire is associated with our aux  
25 transformer 1-1.

26 MR. CALVO: That's correct. Do we know that this thing is  
27 not affecting Unit Number 2?

28 HACKLEMAN: It is not affecting Unit 2.

29 MR. CALVO: It appears that way but we don't know whether  
30 the fire is spreading or is contained.

31 MR. HACKLEMAN: We have not gotten -- all we have been told

1 from the field at the present time is that our local fire, fire  
2 fighters are on the scene. They are combating a fire and we do not  
3 have word that it is spreading and compromising any more of our  
4 equipment at the present time.

5 MR. CALVO: Do you have trees, underbrush right there?

6 MR. GIITTER: Jose?

7 MR. CALVO: Yes?

8 MR. GIITTER: I am thinking that based on the fact that the  
9 fire is still out and they don't have offsite power currently  
10 available to the site we really ought to just consider going into  
11 monitoring at this point.

12 MR. CALVO: Okay.

13 MR. GIITTER: That is my suggestion.

14 MR. CALVO: Yes, I think [inaudible.]

15 **DISK ID:A-00005, TAG ID:0000048439**

16 MR. CALVO: Okay.

17 MR. GIITTER: When Brockman gets on maybe we should get, you  
18 know, Ellis Merchoff on as well and if you like we can call Sam.

19 MR. HACKLEMAN: Okay. Is there any more information I can  
20 give you gentlemen?

21 MR. GIITTER: No. I think you have given us a snapshot. I  
22 realize you have got some calls to make, so I'll let you get back.

23 MR. HACKLEMAN: Okay.

24 MR. GIITTER: Thank you very much.

25 MR. HACKLEMAN: You're welcome. Thank you very much.

26 MR. JOLLIFFE: Gentlemen, this is Mr. Hackleman from the  
27 licensee.

28 Mr. Hackleman, go ahead, please.

29 MR. GIITTER: Hello.

30 MR. HACKLEMAN: Yes; this is Mr. Hackleman, Unit 1, Diablo  
31 Canyon.

1 MR. GIITTER: Yes.

2 MR. HACKLEMAN: This is a follow-up notification just  
3 to let you know what the status of our situation here.

4 At the present time the fire -- the fire-fighting efforts  
5 are ongoing but just in the cleanup phase. We have no active fire at  
6 this time in our transformer.

7 MR. GIITTER: Okay, go ahead.

8 MR. HACKLEMAN: And also our in-plant buses are still, our  
9 vital buses are energized from our diesel generators. The rest of  
10 the plant many of the buses are not energized from any of our offsite  
11 power sources until we complete investigation, evaluation of all the  
12 buses.

13 MR. MERSCHOFF: This is Merschoff. I just had to change  
14 phones.

15 Is the fire still burning?

16 MR. HACKLEMAN: No. At this time we have no active fire.  
17 We are clearing out, in a cleanup phase, clearing out smoke and  
18 beginning investigations of what actually happened.

19 MR. JOLLIFFE: Can you tell me what time the fire was out,  
20 sir?

21 MR. HACKLEMAN: Oh, we'll call this, let me see when was  
22 this notification. We'll call 0143.

23 MR. JOLLIFFE: Pacific time?

24 MR. HACKLEMAN: That's correct.

25 MR. JOLLIFFE: Thank you.

26 MR. HACKLEMAN: Anything else?

27 MR. MERSCHOFF: You are still in the Unusual Event. What  
28 would it take to go to an Alert?

29 MR. HACKLEMAN: At this time we would have to lose any of  
30 our vital buses or we would have to have some further compounding  
31 problem with either our power supplies or something with the reactor

1 plant itself, but right now all our decay heat removal systems are  
2 working as designed.

3 We have no failures of any of our equipment that compound  
4 the problem.

5 MR. CALVO: Also as far as you know the availability of  
6 offsite power is still there but you don't --

7 MR. HACKLEMAN: Correct. We have offsite power available to  
8 come into the plant, but at this time the shift managers just have  
9 decided not to bring it into the plant until we evaluate all our  
10 buses or because we have had quite a bit of smoke generated in some  
11 of our switchgear rooms that we believe was just blown in by  
12 ventilation but we want to evaluate the buses before we bring power  
13 into the plant.

14 MR. CALVO: But the buses have been given power right now  
15 from the emergency diesel generators, right?

16 MR. HACKLEMAN: Correct. Our vital buses have been  
17 energized from our emergency diesel generators.

18 MR. CALVO: That's correct, so certainly you are worrying  
19 about the concern between the incoming breakers to the offsite power  
20 sources, right?

21 MR. HACKLEMAN: That's correct.

22 MR. COLLINS: This is Elmo Collins. So you have the ability  
23 to bring offsite power in?

24 MR. HACKLEMAN: We have the ability but we are -- yes,  
25 correct. We are not doing it at the present time. We want to  
26 evaluate the situation first.

27 MR. COLLINS: Okay.

28 MR. HACKLEMAN: Anything more?

29 MR. MERSCHOFF: Right now Unit 1 is in natural circulation?

30 MR. HACKLEMAN: That's correct.

31 No, I'm sorry -- No, we have our -- we have 12 kv buses

1 available and we have reactor coolant pumps running and I should say  
2 that we don't have any of our 4 kv buses on down. Our reactor  
3 coolant pumps are energized from 12 kv.

4 I'm sorry, I should have explained that a little bit better.

5 We lost -- we lost our aux transformer 1-1 and so the buses  
6 did, the 12 kv buses did switch over but our 4 kv buses were not able  
7 to get any offsite power to them at the present time.

8 MR. MERSCHOFF: So there is still from the 12 kv forced  
9 circulation. Is there lighting available in the plant? [inaudible]  
10 emergency lighting?

11 MR. HACKLEMAN: Emergency lighting is available, correct.

12 MR. MERSCHOFF: But not normal lighting?

13 MR. HACKLEMAN: Correct. We lost quite a bit of the normal  
14 lighting, all of our normal lighting.

15 MR. MERSCHOFF: Did you have forced circulation? Where are  
16 you dumping steam to? Do you have condensers available or the  
17 atmosphere?

18 MR. HACKLEMAN: Condensers are not available. All of our  
19 steam is being dumped to the atmosphere.

20 MR. MERSCHOFF: Okay, and your aux feed

21 **DISK ID:A-00005, TAG ID:0000048453**

22 is providing feed?

23 MR. HACKLEMAN: That's correct. Aux feed is all functional.

24 MR. MERSCHOFF: Okay. Any estimates on the walkdowns and  
25 the ability to or having offsite power?

26 MR. HACKLEMAN: We are mustering personnel. They are just  
27 beginning to arrive onsite at the present time.

28 My guess would be anywhere from two to six hours.

29 MR. MERSCHOFF: Do you have a sense yet of what happened and  
30 why this aux transformer blew? Were you in the middle of some sort  
31 of evolution?

1 MR. HACKLEMAN: No. Both units were steady state operation.  
2 There was no testing, no maintenance, no work going on, just out of  
3 the blue we had some kind of a fault in the transformer or the bus  
4 somewhere that caused the problem.

5 MR. MERSCHOFF: Was there a fire?

6 MR. HACKLEMAN: Correct.

7 There was a fire. We had quite a bit of smoke generated but  
8 we had no, as far as we know we have had no big oil spills out of the  
9 transformer casing but there was quite a bit of smoke generated.

10 MR. MERSCHOFF: Okay. PCBs in this transformer?

11 MR. HACKLEMAN: This is like -- this is not a verified thing  
12 but I am almost, 99 percent confident that there were no PCBs.

13 MR. MERSCHOFF: Is this located in the switchyard adjacent to  
14 other equipment or --

15 MR. HACKLEMAN: This is a transformer area that is right  
16 outside the Unit 1 turbine building.

17 MR. MERSCHOFF: Okay.

18 MR. HACKLEMAN: Just yards away, and no other equipment was  
19 compromised that we know of at this time but it could very well have  
20 been affected.

21 MR. MERSCHOFF: Okay.

22 And as I said, I was shifting phones. Who is this?

23 MR. HACKLEMAN: This is Hackleman, Steve Hackleman, Unit 2  
24 shift foreman.

25 MR. MERSCHOFF: Okay. Thank you, Steve.

26 MR. HACKLEMAN: You're welcome.

27 MR. MERSCHOFF: That's all I have.

28 MR. HACKLEMAN: Okay, and the operations gentleman that  
29 answered the phone, his name is Jolliffe?

30 MR. JOLLIFFE: Correct.

31 MR. HACKLEMAN: J-o-l-l-i-f-e, correct?

1 MR. JOLLIFFE: Two f's.

2 MR. HACKLEMAN: Okay; Great. And is there anything more I  
3 can answer?

4 MR. GIITTER: No, I guess not Steve. Thank you.

5 MR. COLLINS: Yes; Steve, this is Elmo. Just one last  
6 thing,

7 to make sure I understand.

8 MR. HACKLEMAN: Yes.

9 MR. COLLINS: You thought it would be two to six hours  
10 before you get the offsite power onto the buses?

11 MR. HACKLEMAN: That's correct, and this is through our 4 kv  
12 buses. Our 12 kv buses are energized but the bulk of our plant, its  
13 secondary equipment and our vital buses are 4 kv and they have --  
14 we're not going to energize those at the present time.

15 MR. COLLINS: Okay.

16 MR. HACKLEMAN: Okay?

17 MR. JOLLIFFE: Mr. Hackleman, we are going to need a call  
18 back when you terminate the Unusual Event.

19 MR. HACKLEMAN: Okay. Do you want any further updates or  
20 only if the situation changes?

21 MR. JOLLIFFE: If they are significant.

22 MR. HACKLEMAN: Excuse me?

23 SPEAKER: If they are significant. If there's any changes.

24 MR. HACKLEMAN: Okay, I understand.

25 We will notify you if we have any significant updates or if  
26 we terminate the event.

27 MR. GIITTER: Thanks.

28 MR. JOLLIFFE: Gentlemen, anything else?

29 MR. GIITTER: Not from me.

30 MR. MERSCHOFF: Hey, Dick. Can you get Tom Andrews on the  
31 line for me?

1 MR. JOLLIFFE: Yes, sir. Anything else?

2 [No response.]

3 Mr. Hackleman, thank you.

4 MR. HACKLEMAN: You're welcome.

5 Thank you very much. Bye bye.

6 [Whereupon, the session was concluded.]

7 CHANNEL 11: ENS BRIDGE

8 **DISK ID:A-00005, TAG ID:0000048489**

9 MR. LEMKE: Hello?

10 MR. MACKINNON: Hi, Tom? Tom Andrews? This is John  
11 MacKinnon, headquarters operations officer.

12 MR. LEMKE: Oh, I'm sorry.

13 MR. MACKINNON: Yes; you're on the right bridge right now,  
14 but I'm waiting for Tom Andrews to come on.

15 MR. ANDREWS: Andrews here.

16 MR. MACKINNON: Okay; Tom Andrews? I have Mr. Lemke of  
17 Diablo Canyon on the bridge right now.

18 MR. ANDREWS: Mr. Lemke?

19 MR. LEMKE: Yes.

20 MR. ANDREWS: Mark?

21 MR. LEMKE: Yes.

22 MR. ANDREWS: How are you doing this morning?

23 MR. LEMKE: Pretty good.

24 MR. ANDREWS: We'd like an update. First of all, I'll let  
25 you know that the NRC Region IV is in monitoring phase in normal  
26 mode, so we're putting some people in our incident response center.

27 MR. LEMKE: Okay.

28 MR. ANDREWS: And can you give us an update or can you  
29 pretty much run through the description of the event again with us?

30 MR. BROCKMAN: We heard a little clarification through the  
31 Senior. We want to make sure we've got the sequence of events down

1 right.

2 MR. LEMKE: Okay; right now, at 0025, I believe, they got a  
3 report of a fire and an explosion on the aux 1-1 transformer, the aux  
4 transformer 1-1. What we found right -- and then, Unit I relayed out  
5 the trip shutdown; diesels came online; all three diesels came up to  
6 speed and are powering all the vital loads.

7 What we found out is it appears right now that the  
8 transformer is intact, but there was no explosion on the transformer  
9 itself. But it appears to be a failure on the 12kV leads off of the  
10 transformer. California Department of Forestry was called out, but  
11 they have subsequently been released. They were released about 45  
12 minutes ago. And what we're doing right now -- we also had a steam  
13 generator safety lift, okay, that was on 1-2 generator. That lifted  
14 for approximately 25 minutes, and they dropped pressure in the steam  
15 generator; opened the 10 percent steam dump; dropped the pressure in  
16 the generator and were able to reseal that safety.

17 Right now, we're just holding stable. We're in  
18 -- making attempts to restore startup power, and so, we're holding at  
19 the notification of unusual event level until we're able to restore  
20 startup power.

21 MS. SMITH: This is Linda Smith. I am understanding that  
22 you have startup power to the reactor coolant pumps, though. Is that  
23 correct?

24 MR. LEMKE: No; we do not have power to the reactor coolant  
25 pumps, no.

26 MR. BROCKMAN: So you're in natural circulation?

27 MR. LEMKE: No, no; I'm sorry; I'm sorry; wait.

28 MR. BROCKMAN: Okay.

29 MR. LEMKE: We do have 12kV power; I'm sorry.

30 MR. BROCKMAN: Okay.

31 MR. LEMKE: Yes; so, the reactor coolant pumps are running.

1 MR. BROCKMAN: [inaudible] okay to the circulators?  
2 MR. LEMKE: The circulating water pumps?  
3 MR. BROCKMAN: Yes.  
4 MR. LEMKE: Hold on a minute.  
5 [Pause.]  
6 MR. LEMKE: Circulating water pumps are offline.  
7 MR. BROCKMAN: Okay; thank you very much. I'm trying to get  
8 a little bit of a feel where you say that the fault was on the 12kV  
9 leads off of the transformer. Can you give us a little bit of a  
10 physical picture? I mean, are we talking about -- how far away? Is  
11 it inside the switch gear room itself? Is it in the proximity right  
12 there outside to the transformer? Do you know yet?  
13 MR. LEMKE: That information just came in about 15 minutes  
14 ago, and I don't know, although I believe it's outside the  
15 transformer, outside the switch gear rooms. I believe it's outside  
16 the transformer itself, but I'm not sure about that.  
17 MR. BROCKMAN: Okay; I understand your attentiveness on the  
18 information. When you all get that more confirmed as to exactly the  
19 location, would you share that information with us?  
20 MR. LEMKE: Sure, but with whom? With Region IV or with  
21 White Flint?  
22 MR. BROCKMAN: If you go through the bridge here, you get us  
23 all with one fell swoop.  
24 MR. LEMKE: Oh, okay.  
25 MR. BROCKMAN: Probably the key thing to do is just maintain  
26 this link open. And then, you can come up, and you've got  
27 everybody immediately on the phone with you.  
28 MR. LEMKE: Okay; okay. Then what I'm going to do is I'll  
29 just leave the phone here open. I have to go call the -- I have to  
30 notify the state and the county of our 30-minute followups.  
31 MR. BROCKMAN: Understood.

1 MR. LEMKE: And then, I'll come back and talk to you.

2 SPEAKER: Yes; I have just one quick question.

3 MR. LEMKE: Uh-huh.

4 SPEAKER: The report of the smoke in the switch gear rooms.

5 MR. LEMKE: Yes.

6 SPEAKER: That's from -- but even though we think the fire  
7 was outside the switch gear rooms.

8 MR. LEMKE: That is correct; the smoke was apparently very,  
9 very heavy, and it was outside.

10 SPEAKER: The ventilation system sucked it in.

11 MR. LEMKE: That's possible. I can get more information  
12 about that as well.

13 SPEAKER: That's the same question as where was the fire?

14 MR. BROCKMAN: Yes; some of the concerns we're having is  
15 trying to just get a good handle on that. So as soon as you've got  
16 that, if you can come back up and put priorities on going ahead and  
17 making those notifications you need to make, and we thank you very  
18 much.

19 MR. LEMKE: Okay; and I'll leave this line open.

20 SPEAKER: Thank you, Mark.

21 MR. LEMKE: Okay.

22 [Pause.]

23 **DISK ID:A-00005, TAG ID:0000048496**

24 MR. LEMKE: Okay; this is Lemke at Diablo Canyon again. You  
25 guys there?

26 SPEAKER: Yes; this is the NRC.

27 MR. LEMKE: Okay; a little bit more on the status of where  
28 the fire was. Apparently, the 12kV leads coming out of the aux  
29 transformer going into the 12kV switch gear room somehow faulted. We  
30 don't know how yet. And this was inside the 12kV switch gear room,  
31 which resulted in the heavy smoke.

1           SPEAKER: Okay; so at that point -- that was in answer to  
2 the question as to why all the smoke was inside the room.

3           MR. LEMKE: That is correct.

4           SPEAKER: You all are doing a walk-down on the exterior, I  
5 am sure. Have you noticed or identified any significant impacts out  
6 there, or does it appear that the transformer is still intact?

7           MR. LEMKE: The latest word we've got is that the  
8 transformer appears to be intact.

9           SPEAKER: Okay.

10          MR. LEMKE: But, you know, it's -- admittedly, it's very,  
11 very dark out there. We've got a lot of cloud cover. We have no  
12 moon. We don't have a lot of lights now.

13          MR. BROCKMAN: I understand the caveats.

14          MR. LEMKE: Okay; any other questions for me?

15          MS. SMITH: Mark, this is Linda Smith. The other thing I  
16 understood was that you theoretically might have startup power  
17 available to your safety buses but you're choosing not to tie that in  
18 at this point until you've done a thorough inspection and you  
19 understand the status of your equipment. Is that true?

20          MR. LEMKE: That is correct; we're trying to get electrical  
21 engineering to verify that we don't energize some buses within the  
22 preexisting fault or something else. Again, we're still  
23 investigating as to what caused this problem. We don't want to  
24 propagate that problem onto other buses.

25          MR. BROCKMAN: Understood. Mark, another question: with  
26 respect to the reactor coolant pumps, you've got them fed, as you  
27 said, at the moment, off the 12kV startup.

28          MR. LEMKE: That is correct.

29          MR. BROCKMAN: Is that the normal lineup for them?

30          MR. LEMKE: Hold on. Let me go look at the buses here.

31          MR. BROCKMAN: Yes; let me give you a little bit about where

1 I'm going. With the aux transformer faulted, I mean, did it do a  
2 fast switch? Is that the normal lineup? Did you lose the coolant  
3 pumps for a few seconds while you did a manual [inaudible]? That's  
4 the logic I'm trying to figure out what happened.

5 MR. LEMKE: Okay; hold on a minute.

6 MR. BROCKMAN: Thank you.

7 [Pause.]

8 **DISK ID:A-00005, TAG ID:0000048498**

9 MR. LEMKE: Okay; Lemke here again.

10 SPEAKER: We're with you.

11 MR. LEMKE: Okay; the buses automatically transferred the  
12 startup power; the 12kV buses automatically transferred the startup  
13 power and brought the reactor coolant pumps with them, okay? And  
14 that's per design. The reactor coolant pumps -- it's a fast  
15 transfer, so the reactor coolant pumps didn't shut down per se, but  
16 they transferred power supplies. And so, we never lost the reactor  
17 coolant pumps.

18 SPEAKER: We were pretty sure that's what it was, but it was  
19 easy to confirm. Anybody else got a --

20 SPEAKER: But the circ water pumps were lost?

21 MR. LEMKE: Circ water pumps are down; that is correct.

22 SPEAKER: And you all completed and marked all your offsite  
23 notifications and whatever that you were working on that?

24 MR. LEMKE: Yes; we're doing those -- we're doing basically  
25 30-minute followups with the state and the county, and we'll probably  
26 be doing that for the next couple hours until we restore the startup  
27 buses completely.

28 MR. BROCKMAN: Understood; have you all had just -- and you  
29 may not know this at all -- any big press interest or anything yet?

30 MR. LEMKE: Pardon me?

31 MR. BROCKMAN: Have you all had any press interest or

1 anything yet?

2 MR. LEMKE: No, not that I'm aware of. Obviously, the  
3 county people are aware of this, because we called them and told them  
4 outside of the normal notification process. But middle of the night,  
5 I don't even know how the press would know about it yet.

6 MR. BROCKMAN: They have strange ways of finding things out.

7 [Laughter.]

8 MR. BROCKMAN: But okay.

9 MR. LEMKE: Yes

10 MR. BROCKMAN: I appreciate that.

11 MR. LEMKE: Okay.

12 MR. BROCKMAN: Have you folks got questions at the moment  
13 for Mark?

14 [No response.]

15 MR. BROCKMAN: Let's just go ahead and keep the bridge open.

16 MR. LEMKE: I'll keep the bridge open, and I'll come back  
17 and talk to you in 5 minutes or so.

18 MR. BROCKMAN: Appreciate it. Thank you very much.

19 MR. LEMKE: Okay.

20 [Pause.]

21 **DISK ID:A-00005, TAG ID:0000048505**

22 MR. CONGEL: Hey, Ken Brockman?

23 MR. ANDREWS: Region IV here.

24 MR. CONGEL: Hi, Tom. Frank Congel here. I've just got in  
25 the ops center about 10 or 15 minutes ago. I was listening in on  
26 part of your conference call.

27 MR. BROCKMAN: Good morning, Frank.

28 MR. CONGEL: How are you doing?

29 MR. MERSCHOFF: Good morning, Dr. Congel. I'm here in my  
30 teeny weeny response center.

31 [Laughter.]

1 MR. CONGEL: Getting ready for the 8:00, huh.

2 MR. MERSCHOFF: That's right.

3 MR. CONGEL: No, I listened in for a little bit. I didn't  
4 hear you there earlier, Ellis, but I heard Ken talking. I understand  
5 that it's something a little different than what they had thought  
6 initially had happened, and they didn't break their transformer. So  
7 the smoke and the flames apparently were associated with what? The  
8 insulation or anything to do with a building or --

9 MR. BROCKMAN: I think they've got a lot of that. They keep  
10 thinking they don't have the failure mode now done but figured out,  
11 but without a doubt, it was the 12k leads on the downstream side of  
12 the transformer. It appears that it was right at the juncture with  
13 the switch gear room. That would answer a lot of the questions as to  
14 why the smoke is in the room. They've done a preliminary walkdown  
15 outside and find everything to be intact, but they said it's the  
16 middle of the night; there's not a whole lot of light.

17 MR. CONGEL: Yes; that's about when I came on. They said  
18 there's a moonless night out there, and it's pretty dark.

19 MR. BROCKMAN: They've got a moon. It's just they've got  
20 clouds covering it.

21 MR. CONGEL: Oh, it's cloud cover? Okay; I wasn't sure.  
22 But in any case, as we said what? When we were talking on the  
23 conference call a bit ago that it's most likely the detailed  
24 information will come about when they get the sun up there.

25 MR. BROCKMAN: Yes, I think; but the key thing is the fire  
26 department; they sent them home. The fire's out. They're doing a  
27 walkdown inside right now.

28 MR. CONGEL: Right; and everything is stable.

29 MR. BROCKMAN: Yes, everything is pretty stable. They've  
30 got the relief valve reset from the steam generators, so they're on  
31 the 10 percent dumps at the moment. We're just starting here;

1 [inaudible] was just throwing some things up on the board for where  
2 we want to go on different criteria. Probably the key thing right  
3 now is that it's going to be a little while, I think, before we've  
4 got a real good understanding of the event. But we're going to go  
5 down that path; but this one's going to take a little while during  
6 the day, I think, to play out before we get all of the information.

7 MR. MERSCHOFF: This doesn't necessarily make it better,  
8 either, you know; we have experience with transformers having hot  
9 spots and exploding, but just the fault of cables going is new to me.

10 MR. CONGEL: Yes, I --

11 MR. MERSCHOFF: And now, the fire was in a switch gear room  
12 as opposed to out in the yard, so I'm kind of glad I'm here as this  
13 thing evolves.

14 MR. CONGEL: Yes; I -- I always get a little concerned when  
15 something very fundamental changes. The important thing is or  
16 obviously the first thing is that they're stable and nothing else  
17 goes on. Then, we can do more of the information gathering. Just in  
18 terms of logistics, Miraglia usually gets in a few minutes after  
19 7:00. I'll run up and give them a quick briefing, catch them up  
20 there, and I understand when we were talking earlier this morning  
21 that Jose will take care of telling Sam Collins.

22 MR. MERSCHOFF: Yes; he committed to that on the phone.

23 MR. CONGEL: Right; right. That's what I heard. So what  
24 we'll probably have to do later in the morning is give an info  
25 briefing to -- well, I'll find out with Miraglia how he wants -- you  
26 still there?

27 MR. MERSCHOFF: Yes.

28 MR. CONGEL: Oh, okay.

29 MR. MERSCHOFF: You just faded out, Frank.

30 MR. CONGEL: Are you there? How about now?

31 MR. MERSCHOFF: Okay.

1 MR. CONGEL: Well, they turned off one of the speakers here;  
2 okay; that's okay. And what happened is I lost a little bit of an  
3 echo, and I thought we had lost connection. But, okay, I'm back here  
4 now.

5 MR. MERSCHOFF: You want an info brief for Miraglia and  
6 maybe the EDO?

7 MR. CONGEL: Yes, yes; what I was saying when I lost the  
8 connection for a moment is I'll talk with Frank as soon as he gets in  
9 and ask him how he wants to handle it. I'm sure it's going to be  
10 determined by just exactly what we find as time goes on. But I'll  
11 give him the initial brief and tell him that -- well, with the time  
12 difference and all, it probably won't be until late morning until we  
13 have a better handle on this. And you also had said earlier this  
14 morning, Ellis, about probably having a commissioner staff briefing,  
15 and I think that would most likely be appropriate, but we'll play  
16 that depending upon what we understand and the degree of confidence  
17 we have with what's going on.

18 MR. MERSCHOFF: Yes; I'd say considering we're in the  
19 monitoring mode, that's pretty much a given.

20 MR. CONGEL: Right.

21 MR. MERSCHOFF: And it might behoove us to just take a time  
22 [inaudible] for that.

23 MR. CONGEL: Well, right now, it's about 20 minutes to 7:00  
24 our time here --

25 MR. JOLLIFFE: Excuse me; I just added Sam Collins to the  
26 bridge.

27 MR. MERSCHOFF: Good morning, Sam.

28 MR. CONGEL: There he is; Sam.

29 MR. COLLINS: I'm in the office.

30 MR. CONGEL: Morning, Sam; Frank Congel here; Ellis is  
31 there.

1 MR. MERSCHOFF: Sam, do you know what happened?

2 MR. COLLINS: I got a call this morning about 5:00 or so.

3 MR. MERSCHOFF: Okay; and Jose brought you up to speed?

4 MR. COLLINS: The Duty Officer did that for me.

5 MR. MERSCHOFF: Okay; the only thing that's different right  
6 now is it looks like it was not the auxiliary transformer. It's  
7 intact. It looks like it was the 12kV side of that. That's a 25kV  
8 to 12kV transformer. The 12kV side cables going to the switch gear  
9 room, and that switch gear room is the one that provides power to  
10 reactor coolant pumps and circ water pumps. The cable side  
11 apparently failed. They do have power to that switch gear from the  
12 startup bus, and so, reactor coolant pumps fast-transferred over and  
13 have been running throughout. Circ water pumps are deenergized.  
14 They don't have the condenser that bleeds steam to atmosphere. The  
15 fire is out, as you know.

16 We manned up here to make sure we're on top of it as things  
17 develop. As you know, when you pull the string on these things, it  
18 always turns out a little different than you thought.

19 MR. COLLINS: Right, right; do you have staff there at the  
20 site, Ellis?

21 MR. MERSCHOFF: Is Proulx there? I think he's calling in  
22 right now.

23 MR. COLLINS: Okay.

24 MR. CONGEL: The other thing I want to mention, guys, this  
25 is a line we also have open to the licensee.

26 MR. COLLINS: Right.

27 MR. CONGEL: If we do any other talking about strategies and  
28 things, we can switch to another bridge.

29 MR. COLLINS: Yes; thank you.

30 MR. CONGEL: Okay; I just wanted to remind everybody.

31 MR. COLLINS: Okay; how about public affairs and state

1 liaison? Were they notified as a result of the UE?

2 MR. MERSCHOFF: Yes; our state link -- we've been in contact  
3 with our state liaison officer, and he's making backup calls to state  
4 and local officials, and I've got my public affairs officer on his  
5 way in, and we'll be putting out a press release.

6 MR. COLLINS: Okay; great.

7 MR. BROCKMAN: The licensee has made their initial  
8 notifications and backup notifications.

9 SPEAKER: Okay.

10 MR. CONGEL: Sam, Frank here. I was just telling Ellis when  
11 you came on that I'll get a hold of Miraglia when he comes in. He  
12 usually comes in a little after 7:00. And I'll just tell him where  
13 we're at; what we're doing; what our plan is.

14 MR. COLLINS: Okay.

15 MR. CONGEL: The other thing we were talking about is the  
16 time, appropriate time, to have a commissioner staff briefing, which,  
17 as you know, is routine when we get an unusual event of this kind of  
18 significance. And I was just thinking about a time when we can  
19 provide enough information to them, and I don't know; 9:00, 10:00 do  
20 you think would be appropriate? Do you think we'd be ready? We've  
21 got the resident on site, and we have a good handle -- a reasonable  
22 handle -- on where we are?

23 MR. MERSCHOFF: The later the better for me. 10:00 your  
24 time would probably be okay. It gives us time for the sun to be up  
25 and the walkdown --

26 MR. CONGEL: Okay.

27 MR. MERSCHOFF: -- and probably any big surprises to be  
28 revealed.

29 SPEAKER: Okay; I'll tentatively set that up.

30 **DISK ID:A-00005, TAG ID:0000048509**

31 We'll make it firm in another statement in about another hour or

1 so. That will give our guys plenty of time to set it up.

2 MR. MERSCHOFF: How about 11:00 your time?

3 MR. CONGEL: I can do 11:00. It's just that -- I just don't  
4 want to start getting a bunch of calls for information here by then;  
5 that's all.

6 MR. BROCKMAN: The key thing, Frank, is you want the sun to  
7 be up on the West Coast and give the licensee a chance to walk it  
8 down so [inaudible] call after call.

9 MR. CONGEL: No, I understand that. I just have to balance  
10 that with the degree of interest [inaudible]. That's all.

11 SPEAKER: And we can do it earlier. The sun comes up there  
12 around 7:00, which is 9:00.

13 MR. CONGEL: Yes; it's 10:00 here. Wait; look: we'll try  
14 11:00 our time, which is 10:00 your time. I agree; I completely  
15 understand. All I want to do was to stop getting the calls here as  
16 to what's going on, what's going on; that's all. So I thought I'd  
17 bounce it off.

18 MR. COLLINS: Hey, Frank?

19 MR. CONGEL: Yes?

20 MR. COLLINS: My input would be that the substance of the TA  
21 brief would be probably less technical and more public affairs  
22 oriented. Don't you think?

23 MR. CONGEL: Yes, probably, although, you know, we get the  
24 range. We get the range of questions.

25 MR. COLLINS: Yes, but you can always follow up with the  
26 technical results. I mean, if I'm hearing you right, if you believe  
27 that it's necessary to get this on people's radar screen and tamp it  
28 down and keep it bounded, then, just give a status, and earlier is  
29 better.

30 MR. CONGEL: And earlier is better; all right.

31 MR. COLLINS: And as far as the technical aspect, it's okay

1 not to have all the details. If, in fact, what we're trying to do is  
2 give the commissioners a quick response should they get a call from -  
3 - that they have to respond to any incoming calls.

4 MR. CONGEL: That's an argument; it's an appropriate one. I  
5 agree. The only thing that it is balanced by is a level of detail  
6 that obviously could be had in terms of significance if we had the  
7 opportunity to report on what they see when they have light.

8 MR. COLLINS: The issue here is going to be the smoke, the  
9 fire in the outside support, and the fact that, you know, they're  
10 steaming to atmosphere.

11 MR. CONGEL: Right; and what they're going to be asking is  
12 the response of the locals; the perspective that people have; to make  
13 sure that it's under control; that we're comfortable with the  
14 response, the usual things.

15 MR. MERSCHOFF: I think Sam's probably right, considering  
16 it's Monday, and this is going on, and we're in the monitoring mode,  
17 we might want to move it up to 9:00 your time.

18 MR. CONGEL: We could do that. Do you think -- then, what  
19 we could do at that point is say here's what we know; that we've been  
20 talking and went into monitoring several hours ago. We're waiting  
21 for daylight to occur there to get a better level of detail. I guess  
22 we could answer it that way. Do you want to do it at --

23 MR. MERSCHOFF: Yes, the sooner the better.

24 MR. CONGEL: All right.

25 MR. MERSCHOFF: Sam's right in terms of tamping it down.  
26 Make sure they know we're paying attention; we know basically what  
27 happened; we're here, and we'll keep you informed kind of thing.

28 MR. CONGEL: Okay.

29 MR. COLLINS: I think this event is more important what it's  
30 not than what it is.

31 MR. CONGEL: Okay.

1 MR. COLLINS: At least at this point.

2 MR. CONGEL: Okay.

3 MR. COLLINS: You know, compared to Indian Point and those  
4 kinds of things.

5 MR. MERSCHOFF: Yes.

6 MR. CONGEL: Okay; then, let's plan on it 9:00, 8:00 your  
7 time.

8 MR. MERSCHOFF: Okay.

9 MR. CONGEL: That'll shut it up here. But I'll catch  
10 Miraglia, Sam?

11 MR. COLLINS: Yes; that would be good.

12 MR. CONGEL: Okay.

13 MR. COLLINS: Ellis, do you have the steam generator tube  
14 history at Diablo?

15 MR. MERSCHOFF: Yes; they're in good shape.

16 MR. COLLINS: Okay; okay; no previous leakers or any trend  
17 in steam generator leakage before the event?

18 MR. MERSCHOFF: That was the word I got this morning. They  
19 don't have a plan to replace those steam generators, and I'm not  
20 aware of primary to secondary leakage of any substance. Obviously,  
21 there's always a little bit.

22 MR. COLLINS: Okay; and refresh my memory, because it was a  
23 little fuzzy this morning. What's the status of the other unit?

24 MR. MERSCHOFF: Up at 100 percent power. Unit II is up.

25 MR. COLLINS: Okay; and there's no effect or risk for the  
26 other unit right now?

27 SPEAKER: I wouldn't stress it with it just being the 12kV  
28 leads off of that 1-1 now.

29 MR. MERSCHOFF: We're still here. No risk is a real low  
30 number, and I think --

31 MR. COLLINS: Yes; well, I didn't mean that.

1 MR. MERSCHOFF: Yes, I know.

2 MR. COLLINS: You know what I mean.

3 MR. MERSCHOFF: I've got Elmo gripping the table here  
4 whenever I say --

5 MR. COLLINS: Yes; you were appropriate to pause at my  
6 question.

7 MR. MERSCHOFF: Yes; that's kind of a polite way to say it,  
8 but it doesn't look like there's a common mode effect here.

9 MR. COLLINS: Okay.

10 MR. MERSCHOFF: You know how these things unravel a little  
11 bit, Sam, so --

12 MR. COLLINS: And the weather's okay out there?

13 MR. MERSCHOFF: That's a good question.

14 MR. BROCKMAN: It's cloudy.

15 MR. MERSCHOFF: Yes.

16 MR. BROCKMAN: From what I saw, I was looking at the weather  
17 report last night. There was a lot of cloud cover, but they were not  
18 predicting any storms across that thing, but that's on my  
19 recollection of the weather report last evening. The licensee this  
20 morning and talking to them said they had a lot of cloud cover which  
21 is affecting the lights to be able to go out and do their  
22 inspections, but they did not mention anything on inclement weather,  
23 Sam.

24 MR. MERSCHOFF: We'll find out.

25 MR. COLLINS: Okay. And do we know -- you probably don't,  
26 but it's a serious question on my mind -- in this case whether  
27 they're going to be going cold, or are they going to be staying hot?

28 MR. MERSCHOFF: We don't know yet?

29 MR. COLLINS: Okay; okey-doke. If you need support from [us  
30 back here, technically?

31 MR. MERSCHOFF: I don't think so yet, Sam. As this

1 unravels, or if we learn more about just what failed, we can let you  
2 know, but I think we've got the talent we need. I'm bringing my risk  
3 guy in, and we'll take a look at where this turns out on the risk  
4 scale.

5 MR. COLLINS: Okay.

6 MR. MERSCHOFF: Thanks, Sam.

7 MR. COLLINS: All right; good enough. We'll be here. Don't  
8 hesitate to call.

9 MR. CONGEL: Hey, Sam?

10 MR. COLLINS: Yes.

11 MR. CONGEL: I'm going to sign off, and I'll take care of  
12 the Miraglia thing, and Ellis the same thing. My guys are here  
13 listening in.

14 MR. LEMKE: Mark Lemke here again.

15 MR. COLLINS: Okay; okay, thank you. I'm going to stay on  
16 the speaker phone and just mute it, but I'll be departing in a little  
17 while, about 7:15.

18 MR. BROCKMAN: We've got -- the site EP manager just came up  
19 on the bridge.

20 MR. LEMKE: That is correct.

21 SPEAKER: Do you have an update for us, Mark?

22 MR. LEMKE: Yes; let's see: we're currently holding mode  
23 three, and we anticipate staying here in mode three until further  
24 notice. We think we can disconnect some links off this transformer  
25 isolating this problem and, in fact, go back up in power, but that  
26 decision hasn't been made yet. Based on our ability to do that, they  
27 also right now don't feel a need to continue to cold shutdown.

28 SPEAKER: Sounds like, Mark, you have some more information  
29 on where the fault lies.

30 MR. LEMKE: They're kind of narrowing in on it. We have a  
31 breaker, 52VU14, which relayed open on this event.

1 MR. JOLLIFFE: Excuse me; I just added Dave Proulx, the  
2 resident inspector.

3 MR. LEMKE: Yes; he's standing next to me. Anyway, 52VU14  
4 opened, and they're in the process of trying to figure out why. And,  
5 you know, it's probably related to the aux transformer problem  
6 itself. Once we get that breaker fixed, then, we can probably close  
7 out the NUE. If we get that breaker fixed, we'll be able to power up  
8 some 4kV nonvital buses.

9 MS. SMITH: Mark, this is Linda Smith. Could you kind of give  
10 me a [inaudible] description of what 52UV14 does?

11 **DISK ID:A-00005, TAG ID:0000048512**

12 MR. LEMKE: A 52VU14 is a 12kV breaker that feeds aux --  
13 excuse me; it feeds 4kV nonvital buses from startup transformer 1-2.

14 MS. SMITH: So it's downstream of the 12kV bus.

15 MR. LEMKE: It's downstream of the 12kV transformers; that  
16 is correct.

17 MS. SMITH: Oh, it's the distribution -- it happened in the  
18 distribution system.

19 MR. LEMKE: That's what it's looking like. Again, that's  
20 kind of premature for me to say that, but the transformers are  
21 intact, so it's downstream of the transformers.

22 MS. SMITH: Right. The transformers feed the 12kV buses E and  
23 D. What you're talking about sounds like it must be off that D or  
24 bus E.

25 MR. LEMKE: It feeds those. It feeds 4kV bus D and E. Now,  
26 those are nonvital buses, again. For example, you were asking about  
27 the circulating water pumps. The circulating water pumps were taken  
28 offline. They didn't trip. They were pretty much secured because we  
29 lost the auxiliary support systems for cooling the motors.

30 MS. SMITH: So, Mark, I might have just a conceptual error.  
31 Was that aux transformer 1-1 or 1-2?

1 MR. LEMKE: Aux transformer 1-1.

2 MS. SMITH: Okay; the way the distribution that I see, it  
3 goes 25 to 12kV, 25 to 12kV transformer, and that 12kV line then goes  
4 to bus E and bus D. And then, the 4kVs have to be downstream of  
5 that.

6 MR. PROULX: That is correct.

7 MR. LEMKE: Yes; the 4kV comes off of the 12kV; yes, in this  
8 case, is coming off of -- the problem, I believe, is coming off of  
9 the 12 kV startup bus.

10 MS. SMITH: Okay; we'll be interested in any updates that  
11 you have in that area, and if you -- is David on the line?

12 MR. PROULX: Yes.

13 MS. SMITH: Hi, David.

14 MR. PROULX: Hello.

15 MS. SMITH: I'd appreciate it if you could kind of look up  
16 where that breaker is, the 52VU14, and kind of give us a report on  
17 that; I'd appreciate it. But we're all here now; I know that you've  
18 arrived onsite, and we appreciate it. Could you give us an update on  
19 what you see?

20 MR. PROULX: Okay; would you like me to call you?

21 MS. SMITH: No, just stay on the bridge and just tell us.

22 MR. PROULX: Okay.

23 MR. LEMKE: Okay; and I'm going to go get some more  
24 information, and I'll be back in a little while.

25 MS. SMITH: Thanks, Mark.

26 MR. LEMKE: Okay.

27 MR. PROULX: Do you want me to get Mark's attention anytime  
28 you need it?

29 MS. SMITH: Well, we need to get two bridges going. Who put  
30 you on this one, I know.

31 SPEAKER: This is the only one we have set up right now.

1 [Pause.]

2 DAVID: David, just go ahead and proceed.

3 MR. PROULX: Pardon me?

4 MS. SMITH: Just go ahead and give us a brief from where  
5 you're at.

6 MR. PROULX: Okay; where do you want me to start?

7 MS. SMITH: Go down the whole thing as you see it and make  
8 sure that everybody in this room hears it from your eyes for the  
9 first time.

10 MR. MERSCHOFF: Wait, did you just walk in the door, or have  
11 you been there for awhile?

12 MR. PROULX: I got here at about 3:30.

13 MR. MERSCHOFF: Okay. Oh, 3:30 your, so 10 minutes ago?

14 MR. PROULX: I've been here for about half an hour.

15 MR. BROCKMAN: But do you feel, Dave, you've got enough  
16 information right now to be able to give us an update, or do you need  
17 a little more time?

18 MR. PROULX: I've walked down the panels, and I've talked to  
19 all of the operators for them to give me their description of what  
20 went on, so I think I'm pretty familiar.

21 MR. BROCKMAN: Then give us from your perspective.

22 MR. PROULX: Okay; starting off, they had -- at 0025, they  
23 had a reactor trip, and the basis of that was a fault on the  
24 auxiliary transformer 1-1. And auxiliary transformer 1-1 comes right  
25 off the main and feeds in -- directly into bus D and E and then goes  
26 into the 4 kV supply breakers. Now, just after the reactor trip, in  
27 addition to losing the aux transformer from there, they also lost  
28 startup supply to the 4 kV vital and nonvital breakers, and that  
29 would be coming from the aux transformer 1-2, which would supply 400  
30 -- 4160 bus E and 4160 bus D.

31 Now, what that does is it takes away control room normal

1 lighting, and normal lighting for most of Unit I. So right now, the  
2 control room is fairly dim, because all they have running in here is  
3 the emergency lights. In addition, loss of the 4160 nonvitals will  
4 take away intake cooling system. What the intake cooling system does  
5 is it cools the windings to the operating circulating water pumps,  
6 and with no cooling to the windings of the circulating water pumps,  
7 they had to trip those.

8           Upon trip of the circulating water pumps, they had no way of  
9 maintaining condenser vacuum, so they shut the MSIVs. Shortly after  
10 shutting the MSIVs, they lifted one of the steam generator safeties,  
11 and after lifting one of the steam generator safeties, they were able  
12 to get it to reseal by manually opening one of the -- what they call  
13 their 10 percent steam dumps, and those are what most plants would  
14 call atmospheric dump valves.

15           Now, of course, because of the fault, they announced a fire  
16 in the 12 kilovolt switch gear room. Now, the fault was not on a  
17 transformer as previously believed, but it was actually inside of the  
18 12 kV switch gear room, which is in the Unit I turbine building right  
19 behind the diesel generators. They declared an unusual event and  
20 began firefighting activities.

21           But because it was so dark with smoke, they weren't able to  
22 get the fire out until 0230.

23           MR. BROCKMAN: How long did that fire burn?

24           MR. PROULX: Well, according to what they're telling me,  
25 about two hours.

26           SPEAKER: When they declared it out.

27           MR. MERSCHOFF: Why isn't that an alert with the fire  
28 adjacent to the diesels? No safety-related equipment was threatened?

29           MR. PROULX: Right; because although the rooms are right  
30 next to each other, there's sufficient separation where you can  
31 pretty well tell that it's not affecting the diesel generators.

1           At 0048, they called the California Department of Forestry,  
2 and they responded with two engines, but they did not help with the  
3 firefighting. They just stood by in case the fire brigade needed to  
4 respond.

5           SPEAKER: David, what was the time for the notification to  
6 the Department of Forestry?

7           MR. PROULX: 0048.

8           SPEAKER: Thank you.

9           MR. PROULX: Let's see: all three diesel generators started  
10 and loaded the 4160 vital buses. They currently have running CCW  
11 pumps 1-2 and 1-3; aux salt water pump 1-1; containment fan cool  
12 units 1-1, 1-2,

13                           **DISK ID:A-00005, TAG ID:0000048513**

14 1-4; centrifugal charging pump 1-1; and all four reactor coolant  
15 pumps. The T average is -- they're at NOP/NOT. Steam generator  
16 levels are normal, and aux feed water pump 1-3, which is the turbine-  
17 driven one, is running smoothly.

18           MS. SMITH: David, can you go through that list just a  
19 little bit slower?

20           MR. PROULX: Okay; of equipment running?

21           MS. SMITH: Yes.

22           MR. PROULX: Okay; okay; component cooling water pumps 1-2  
23 and 1-3; all right; now, aux salt water pump 1-1; containment fan  
24 cool unit 1-1, 1-2 and 1-4; centrifugal charging pump 1-1; auxiliary  
25 feed water pump 1-3, which is the turbine-driven; and all four  
26 reactor coolant pumps.

27           MR. MERSCHOFF: Dave, what caused the plant to trip?

28           MR. PROULX: They're saying a fault on the 500 Kv

29           MR. LEMKE: the fault, the fault on the aux transformer.

30           [Pause.]

31           [Discussion with licensee]

1 MR. PROULX: We're getting them to describe the exact  
2 sequence that tripped the plant. We know that it came from the aux  
3 transformer differential fault, but we're having them describe to me  
4 how that took them to reactor trip exactly.

5 SPEAKER: I'm sorry; Dave, would you say that again, please?

6 MR. PROULX: Just a second.

7 [Pause.]

8 [Discussion with licensee and background converstaion in  
9 RIV]

10 MR. PROULX: Okay; so what they're saying currently is that  
11 they had a -- because of the fault on the 12 kV side of aux  
12 transformer 1 -- on the 12 kV side of the aux transformer 1-  
13 1 in the switch gear room, they had the differential relays  
14 pick up which opened up their PCVs, which would be breakers  
15 632 and 532, which gives them what's called a unit trip,  
16 which is a generator trip, and following a generator trip,  
17 you get a reactor trip.

18 [Pause.]

19  
20 **DISK ID:A-00005, TAG ID:0000048516**

21 MR. PROULX: Do you have the electrical distribution to be  
22 able to follow that?

23 SPEAKER: Not to follow that.

24 SPEAKER: We will have your overview diagram, David.

25 MR. PROULX: Pardon me?

26 SPEAKER: We have the overview diagram that we usually talk  
27 from.

28 MR. POROULX: Okay

29 MR. LEMKE: This is Mark Lemke again. If you look at that  
30 overview drawing, okay, off to the left, you'll see aux transformer  
31 1-1.

1 SPEAKER: Right.

2 MR. LEMKE: Okay; downstream of 1-1, just before it splits  
3 and goes to bus E and D is where the fault was; okay, just before it  
4 splits and goes to those two buses. We do have people in that room,  
5 but they're in SCBAs because of the smoke and the high carbon  
6 monoxide content. And what they've reported is that that buswork is  
7 just blown out.

8 MS. SMITH: And so -- this is Linda Smith -- then are you  
9 speculating that what happened was that when that fault occurred,  
10 there was some sort of backfeeding through aux transformer 1-2 that  
11 affected bus E and bus D 480 volts, bus E and bus D?

12 MR. LEMKE: No; aux transformer bus 1-2 and 480 volts, if  
13 that's what I understood you to say, I don't think that's bearing on  
14 this problem.

15 MS. SMITH: Well, you had mentioned earlier that 480 volts,  
16 4 kV -- I'm sorry; you're right; I said the wrong thing. 4 kV volt  
17 buses E and D, which are fed from aux transformer 1-2, tripped open.

18 MR. LEMKE: Well, the aux transformers are down because the  
19 main unit is down, okay?

20 MS. SMITH: Okay.

21 MR. LEMKE: So both aux transformer 1-1, which had the  
22 problem downstream of it, and aux transformer 1-2 are deenergized  
23 because the main transformers are offline.

24 MR. PROULX: What he's also saying is that the breakers from  
25 startup to 4160 also tripped off.

26 MR. LEMKE: Correct; if you look at the -- in the center of  
27 this overview, you've got 12 kV startup bus.

28 MS. SMITH: Right.

29 MR. LEMKE: Okay; and if you're looking at the heavy black  
30 line, just downstream of that, off 12 kV startup bus, to the 1-2  
31 startup transformer --

1 MS. SMITH: Right.

2 MR. LEMKE: -- there's a breaker there. That breaker is  
3 52VU14.

4 MR. BROCKMAN: Oh.

5 MR. LEMKE: That's the breaker that relayed open that's  
6 preventing us from powering up the 4 kV nonvital buses.

7 MS. SMITH: That's not clear to me what the fault at the  
8 output of aux transformer 1-1 caused that breaker to relay open, and  
9 I suspect that's what you're looking into, too.

10 MR. LEMKE: That's absolutely correct. It's not clear to us  
11 as well. We've had several relays that took out various components,  
12 various breakers, at least that breaker. And the problem, again, is  
13 being able to get into the switch gear room to investigate because of  
14 the high carbon monoxide content. We are in the process of  
15 ventilating, but right now, again, it still requires SCBAs to get in  
16 there, and we only have two operators in there right now.

17 MR. BROCKMAN: Is that breaker in the same physical  
18 proximity as the problem?

19 MR. LEMKE: Yes.

20 MR. BROCKMAN: Okay.

21 MR. LEMKE: Well, it's in the same switch gear room. Let me  
22 put it that way.

23 MR. BROCKMAN: All right.

24 [Pause.]

25 MR. BROCKMAN: I know you have sketchy info, Mark, but you  
26 said the busworks were blown out. Is that the switch gear and/or  
27 cable problem, or do you have any info on that right now?

28 MR. LEMKE: The way I would characterize it would be the --  
29 not the switch gear itself but the lines coming from -- the reports  
30 we're getting is like it's the buswork exploded. I don't even know  
31 how that can happen. You know, we're talking about like a solid

1 piece of copper. But the information, again, that we're getting so  
2 far is that it's the buswork going into the switch gear that  
3 apparently just blew apart.

4 MR. BROCKMAN: Okay.

5 [Pause.]

6 SPEAKER: Anybody else got a question at the moment?

7 MR. LEMKE: And yes, with that, it's time for me to go make  
8 another notification to the state and the county.

9 MR. BROCKMAN: Thank you very much, Mark. We appreciate the  
10 updates. They're very helpful.

11 MR. LEMKE: Okay; I'll be back.

12 [Pause.]

13 **DISK ID:A-00005, TAG ID:0000048518**

14 MR. PROULX: Do you all understand how they are powering the  
15 reactor coolant pumps now?

16 SPEAKER: Yes.

17 MR. PROULX: Through the startup transformers; through the  
18 12 kV, through the 12 kV breakers and on the bus D and E and the --  
19 you know, in the upper left quartile of the electrical distribution  
20 overview.

21 MR. BROCKMAN: Yes; coming right off the center heavy line  
22 and then going off that feed.

23 MR. PROULX: Right.

24 [Pause.]

25 **DISK ID:A-00005, TAG ID:0000048519**

26 MR. PROULX : Hello, Ken; you guys still there?

27 SPEAKER: Yes, we're still here, Dave.

28 MR. PROULX: Licensee management just informed me they're  
29 going to have a managers' meeting in five, the blue room, for some  
30 recovery. And what I would say right now is it probably would be  
31 more appropriate for me to stay in the control room while they're

1 still on diesels and on steam dumps and stuff. Would you agree with  
2 that?

3 MS. SMITH: David, this is Linda.

4 MR. PROULX: Yes?

5 MS. SMITH: I'd appreciate it if, since the plant appears to  
6 be stable from a cooling the core point of view, I'd appreciate it if  
7 you would go in and listen to that briefing and then be able to come  
8 tell us if you learn anything new.

9 MR. PROULX: Okay; I'll do that.

10 SPEAKER: David?

11 SPEAKER: Yes?

12 SPEAKER: When does Dyle return?

13 MR. PROULX: I think he'll be here back on Tuesday morning.

14 SPEAKER: Okay; tomorrow morning.

15 MR. PROULX: He's in Humboldt at his daughter's college  
16 graduation.

17 MS. SMITH: Thanks for the information, David.

18 MR. PROULX: Okay; so what I'm going to do is I'm going to  
19 sign off from here in the control room; go to that meeting, and when  
20 I come back, I'll tie back into the line.

21 MR. MERSCHOFF: Keep the line open, though.

22 MR. PROULX: Oh, okay; then, fine. I won't hang up, then.

23 SPEAKER: Okay.

24 MS. SMITH: Thanks a lot.

25 MR. PROULX: All right; bye.

26 [Pause.]

27 **DISK ID:A-00005, TAG ID:0000048526**

28 MR. LEMKE: Mark Lemke here.

29 MR. ANDREWS: Region IV is here.

30 MR. LEMKE: Well, there is nothing new to report. I just  
31 thought I'd tell you that.

1 MR. BROCKMAN: That's good.

2 [Laughter.]

3 MR. LEMKE: We're still in the process of investigation, so  
4 that's just going to be -- I don't even have a time estimate on that  
5 right now.

6 MR. BROCKMAN: And Mark, am I correct to say that one of the  
7 key things for that, especially for the outside, is going to be  
8 Mother Nature bringing sunlight?

9 MR. LEMKE: Well, it appears that, again, appears the  
10 problem is inside the building, okay? So, Mother Nature isn't going  
11 to help us in that regard much.

12 MR. BROCKMAN: No, but I'm talking about for your final  
13 clarification on any external walkdowns, because you've mentioned  
14 that earlier.

15 MR. LEMKE: True; it is still dark and cloudy and stuff, but  
16 they're focusing all their efforts -- the initial reports we've got  
17 is there is no external problem with the transformer. They're  
18 focusing their efforts inside the 12 kV switch gear room, but yes; we  
19 are going to be looking at that as it gets lighter, the transformer.

20 MS. SMITH: Have they been able to restore normal lighting  
21 inside that room yet?

22 MR. LEMKE: No.

23 MR. BROCKMAN: That's captured with part of the 4 kV buses  
24 that are isolated at the moment, I would assume.

25 MR. LEMKE: Right; that's not considered vital. That  
26 lighting isn't vital power.

27 SPEAKER: Have you considered or have activated the  
28 technical support center?

29 MR. LEMKE: We have not activated the technical support  
30 center or any of our other emergency response facilities.

31 MR. BROCKMAN: And that is a question, Mark, not a

1 suggestion.

2 MR. LEMKE: I understand, and we don't intend to activate  
3 them.

4 SPEAKER: So, but it would appear you have two technical  
5 problems you're trying to understand at least: the fault in the  
6 switch gear room and the tripping of breakers 52VU14.

7 MR. LEMKE: Oh, that is correct, but we can resolve those  
8 problems without activating the technical support center.

9 SPEAKER: I understand; but since you had the people on  
10 site, then, to help --

11 MR. LEMKE: Oh, yes, we do. We've been calling people out  
12 for the last several hours.

13 SPEAKER: Okay.

14 MR. BROCKMAN: Mark, one question I know that we're going to  
15 get asked. Your public affairs status at the moment; are you all  
16 looking to put out a press release or anything like that?

17 MR. LEMKE: Yes; they'll be putting something out probably  
18 first thing in the morning. They were contacted -- the press people,  
19 our press people were contacted initially on the event, and they  
20 haven't called back in, so they'll probably -- they're probably  
21 waiting until probably -- it's 4:20 here in the morning.

22 MR. BROCKMAN: I understand.

23 MR. LEMKE: And I'm sure they'll be putting something out.

24 MR. BROCKMAN: Could you make sure so that we don't get out  
25 of sync information-wise between your organization and ours that  
26 we've got a copy on that early on?

27 MR. LEMKE: Okay.

28 MR. BROCKMAN: And whatever channels you all have got, I'm  
29 sure, between our public affairs officer; if you all there want to  
30 make sure we get a copy here in our response facility, I mean, that  
31 will be very helpful to make sure that we don't get out of sync with

1 each other.

2 MR. LEMKE: Okay.

3 MR. BROCKMAN: And the number for our fax is 817-860-8228.

4 MR. LEMKE: 817-860-8228.

5 MR. BROCKMAN: Got that.

6 MR. LEMKE: Yes; part of the problem is that, again, without  
7 the -- without the nonvital power back, we don't have a lot of fax  
8 machines running, at least in the control room.

9 MR. BROCKMAN: Understood, and if somebody from a different  
10 building comes out, I just wanted to make sure that we don't get out  
11 of touch with each other information wise, which could be very  
12 damaging.

13 MR. LEMKE: Got it.

14 MR. ANDREWS: One of the things that I will let you know is  
15 that headquarters, from the event report that you made earlier, is  
16 probably -- it's probably on our Website now.

17 MR. LEMKE: Okay; okay. And I hope, then, you know, the  
18 initial reports went out as something of a transformer explosion, and  
19 I hope that's been corrected, because it's not a transformer  
20 explosion as we may have initially reported.

21 MR. BROCKMAN: If you made the 50.72 notification that said  
22 transformer explosion, if you all, from your normal communications  
23 processes, have not made an update to that 50.72 notification, then,  
24 that's what's still on the electronic distribution system at the  
25 moment.

26 MR. LEMKE: Well, the NRC, when we initially called, and I  
27 don't know if any of -- well, anyway, they said they didn't want any  
28 followups. I suppose I should get back to them, then, and correct  
29 anything that they --

30 SPEAKER: Mark, I believe what we said was with any  
31 significant changes or updates, you have to make a followup.

1 MR. LEMKE: Okay.

2 MR. BROCKMAN: This communications path that we've got right  
3 here will not be effective in making the change to what's promulgated  
4 via the 50.72 report. That needs to be done, you know, through the  
5 official channels with the Headquarters Operations Officer if you all  
6 see a need to update that report.

7 MR. LEMKE: Okay.

8 MR. BROCKMAN: Certainly, you are free to update it for  
9 accuracy anytime you think that's appropriate and relevant.

10 MR. LEMKE: Okay; all right. Well, then, what I think I'll  
11 do is I'll go call them now and give them an update.

12 SPEAKER: Okay.

13 MR. LEMKE: And I'll be back.

14 MR. BROCKMAN: Thanks a lot.

15 MR. LEMKE: Okay.

16 [Pause.]

17 **DISK ID:A-00005, TAG ID:0000048541**

18 MR. LEMKE: Mark Lemke here.

19 SPEAKER: Region IV on the line.

20 MR. LEMKE: Okay; we are faxing off -- we did make a press  
21 release apparently about an hour ago, and we're faxing you a copy of  
22 what that looks like.

23 MR. BROCKMAN: Thank you very much.

24 MR. LEMKE: Let's see; and nothing else has really changed  
25 yet.

26 SPEAKER: Okay.

27 MR. LEMKE: So if there's no other questions, then, I'm  
28 going to go -- I'll come back again in 5 or 10 minutes.

29 SPEAKER: Okay.

30 SPEAKER: Okay; thank you.

31 MR. LEMKE: Okay.

1 [Pause.]

2 DISK ID:A-00005, TAG ID:0000048555

3 MR. LEMKE: Lemke here.

4 SPEAKER: Mark, this is the NRC.

5 MR. LEMKE: Hi; no status up -- no change. Excuse me.

6 SPEAKER: I guess we just got a copy of the press release.  
7 Is that what that is, Ken?

8 MR. LEMKE: Good. So that's what's going be available to  
9 the local news media when they get here, when they wake up this  
10 morning.

11 MR. MERSCHOFF: Mark, this is Ellis. What are you guys  
12 going to say if they ask if you're releasing any radioactivity to the  
13 environment?

14 MR. LEMKE: We're going to say no.

15 SPEAKER: Aren't you on natural circ or aren't you bleeding  
16 steam to atmosphere?

17 MR. LEMKE: Secondary steam, not primary.

18 MR. MERSCHOFF: And you have absolutely zero primary to  
19 secondary leakage?

20 MR. LEMKE: Um, well, you're putting me in a corner on that.

21 MR. MERSCHOFF: It's on purpose, Mark. I want to get you  
22 guys thinking your answer to that question, because it always gets us  
23 in trouble --

24 MR. LEMKE: Uh-huh.

25 MR. MERSCHOFF: -- to say there is no release, and people  
26 come up and point out, and you have to back down later that there  
27 were very small releases.

28 MR. LEMKE: Can I put you on hold just a minute? I've got  
29 another call here.

30 MR. MERSCHOFF: Yes.

31 MR. LEMKE: Just a minute.

1 [Pause.]

2 MR. LEMKE: Okay; Ellis, you still there?

3 MR. MERSCHOFF: Yes, Mark. What I'm asking you to do is be  
4 sensitive to that area, because in my experience, we always get in  
5 trouble with this and have to back water if we go out in a press  
6 release saying there are no releases.

7 MR. LEMKE: I understand; I've got my press release guy  
8 standing here with me, and I'll talk to him about that, because  
9 that's a very good point, and we'll see.

10 MR. MERSCHOFF: We're going to be putting out a press  
11 release here in awhile as well, and we'll share that press release  
12 with you before it goes out. I'd ask you to do the same.

13 MR. LEMKE: Okay.

14 MR. MERSCHOFF: On future releases, so we know what each  
15 other is saying.

16 MR. LEMKE: Okay; will do.

17 MR. BROCKMAN: And we notice that the first one did not  
18 mention releases.

19 MR. MERSCHOFF: As of, so far, it's so good.

20 MR. LEMKE: Well, we don't consider it to be a release, but  
21 I certainly understand your perspective, and we'll see what the best  
22 way to handle that is.

23 MR. MERSCHOFF: Yes, and I'm not telling you not to talk  
24 about it. I'm just -- don't overstate your case.

25 MR. LEMKE: I understand.

26 MR. MERSCHOFF: Okay.

27 MR. LEMKE: All right; then, I'm going to go off line here  
28 again. I'll be back. I'll leave the line open, and I'll come back in  
29 a little bit.

30 MR. MERSCHOFF: Thanks, Mark.

31 MR. LEMKE: Okay.

1 MR. PROULX: This is David Proulx, senior resident,  
2 returning back on line.

3 MR. BROCKMAN: Hello, Dave.

4 MR. MERSCHOFF: Do you have an update from the meeting?

5 MR. PROULX: Yes; I don't know; did he update you on the  
6 inspection of the buses?

7 MR. MERSCHOFF: Not really.

8 MR. PROULX: Okay; here's what we got from the field at the  
9 ERP, which is event review panel, meeting. They said there was what  
10 they would call major damage to the ductwork and buswork going into  
11 the panels that supply the auxiliary transformer panels there in the  
12 12 kV room. In addition, which is new and significant information,  
13 the ductwork and the large cables that supply 52VU14, which is the  
14 startup transformer, is directly above where the fault was, and that  
15 was also damaged. So the reason why they lost 52VU14, the startup,  
16 was because that bus itself was damaged. So they cannot close back  
17 in on that bus with startup.

18 MR. COLLINS: The prognosis, then, looks like they're going  
19 to be on the diesels for awhile; is that right?

20 MR. PROULX: That's a correct statement, Elmo.

21 Okay; now, what they do know is this: what the system  
22 engineer came in and said -- okay, do you have your electrical  
23 distribution overview?

24 SPEAKER: Yes.

25 MR. PROULX: Just upstream of aux transformer 1-1, you know,  
26 downstream, that's where the fault was.

27 SPEAKER: Right.

28 MR. PROULX: They have some local disconnect links that are  
29 outside and right directly above the transformer that they can take  
30 off manually. So what they're going to do is go out into the yard;  
31 remove those links that go to aux transformer 1-1; and then backfeed

1 the plant through 500 kV and come through aux transformer 1-2.

2 MS. SMITH: And now, David, this is Linda: that would just  
3 be like the normal backfeed that they do during an outage, right?

4 MR. PROULX: Right; that is correct.

5 MR. MERSCHOFF: Do they have an output breaker for the  
6 generator, or are those disconnect links as well?

7 MR. PROULX: They have disconnect links for the generator.  
8 They're motor operator disconnects.

9 SPEAKER: So would that take a long time, to run those motor  
10 operated disconnects out, or are we just talking an hour or two?

11 MR. PROULX: In my past experience, they've been able to  
12 backfeed in half an hour, 45 minutes.

13 SPEAKER: Okay.

14 MR. PROULX: And they also have to take the links off of aux  
15 transformer 1-1.

16 SPEAKER: Yes, I understand; so they're going to disconnect  
17 1-1 and open their motorized disconnect for the generator and then  
18 backfeed from 500 kV through 1-2.

19 MR. PROULX: Right; and they should be able to -- they took  
20 a good look at aux transformer 1-2 and its buswork and 12kV, and they  
21 said that that -- that looks good, so they believe that they can come  
22 through aux transformer 1-2 and reenergize the vital bus. Currently,  
23 their plans are for deescalating out of the NUE as soon as they get  
24 4160 power back and they get off the diesels.

25 MR. BROCKMAN: And they said - David, we're confident that  
26 the walk-down that they've done from 1-2 going to the 4 kVs, we've  
27 got no impact from the -- they're planning on doing one of those to  
28 ensure

29 **DISK ID:A-00005, TAG ID:0000048561**

30 that there's no impact on any of those runs?

31 MR. PROULX: I don't know whether I can be any more

1 confident than that they say that they did, although they just told  
2 me that the smoke and fumes are all cleared from the room and that if  
3 I wanted to go in and eyeball it myself, I could go in with them now.

4 MR. BROCKMAN: No, but I'm saying they've said they've  
5 walked that down, and they're confident.

6 MR. PROULX: Yes.

7 MR. BROCKMAN: Okay.

8 MR. COLLINS: Did they give an estimate of the time frame to  
9 do this, Dave?

10 MR. PROULX: To do?

11 MR. COLLINS: The backfeed to the 4160.

12 MR. PROULX: Oh, including opening the links, they were  
13 talking an hour or two.

14 MR. COLLINS: Okay.

15 MR. PROULX: In addition, because the buswork is absolutely  
16 destroyed coming out of aux transformer 1-1, they're going to cold  
17 shutdown. They're going to commence the cooldown at about 0730 our  
18 time, which is just after shift turnover, because they don't want to  
19 be in the middle of a cooldown when they turn over the plant.

20 And they're going to try to cool down with the condenser,  
21 but they're not going to have that be critical path to start their  
22 cooldown.

23 MR. MERSCHOFF: In any tech specs now with no offsite power  
24 for this unit?

25 MR. PROULX: Yes, they are; with the 500 -- excuse me; with  
26 there being no power through startup to the 4160 buses, that puts  
27 them in a 72-hour shutdown LCO, and the way they look at the tech  
28 spec is that since they're already shut down, they're in the -- or in  
29 the next 24 hours, be in cold shutdown, and from the reports from the  
30 field, they're saying that there's not even -- in the area where the  
31 fault occurred, there's not even any ductwork or any evidence of

1 anything there other than a big black nothing that they're talking  
2 they really have -- they have to absolutely go in there and rebuild  
3 all their ductwork for the buses. So we're talking probably a long-  
4 term type of fix here.

5 SPEAKER: Yes; so they're going to cold shutdown because  
6 they anticipate more than 72 hours.

7 MR. PROULX: Oh, yes, oh, yes, right, and they're still  
8 evaluating whether or not they're going to call this a tech spec  
9 required shutdown, and I think that's also an NUE in their plant.

10 SPEAKER: I don't understand the significance of that  
11 probably staying in the NOUE. Oh, okay, I see what you're saying.

12 MR. PROULX: They would have to update if they had another  
13 reason for being in the NUE.

14 SPEAKER: Just to make sure I understand, Dave, they're  
15 going to cool down using the main condenser. Is that what I  
16 understood?

17 MR. PROULX: They are going to try to, but if they don't  
18 have the -- if they don't have the condenser back by end of shift  
19 turnover, they're going to go ahead and go through the atmospheric  
20 dumps.

21 MR. MERSCHOFF: That doesn't sound like they will, because  
22 they need cooling to the coils for the circ pumps, and they can't get  
23 that unless they get 4 kV back.

24 MR. PROULX: Yes; it's all sequenced to getting all the 4 kV  
25 back; that is correct.

26 MR. MERSCHOFF: Looks to me like this cooldown is going to  
27 atmosphere. What's primary to secondary linkage there? If you don't  
28 carry that number around in your head, it's one you need to get.

29 MR. PROULX: Yes; I don't have that off the top of my head.

30 MR. MERSCHOFF: They probably keep some number in their  
31 morning status meetings, but sooner or later, the question is going

1 to come up: is there any release?

2 MR. PROULX: Okay.

3 MR. MERSCHOFF: We need to know what we're talking about.

4 MR. PROULX: Yes; If they've got a tiny amount of primary to  
5 secondary leakage. If they're saying there's no release, that might  
6 be totally true if they have a small --

7 MR. MERSCHOFF: No, it wouldn't be, and that's what I'm  
8 sensitive to, and we can work on the words that we would say,  
9 probably something along the lines of there are releases, a small  
10 fraction of tech spec allowed or no releases above the normally  
11 released -- I'm not sure; we'll work on words, but from this end,  
12 it's got to be clear that there are very small releases that are  
13 insignificant -- yes, a small fraction of the authorized release  
14 rate; something along those lines.

15 MR. PROULX: Yes.

16 MR. MERSCHOFF: That got Indian Point in a whole lot of  
17 trouble.

18 MR. PROULX: Yes; okay. Want me to go offline and ask the  
19 operators briefly if they have it in their logs?

20 MR. MERSCHOFF: Yes.

21 MR. BROCKMAN: That should be something that they've got, or  
22 you may have to dig it out of chemistry.

23 MR. PROULX: Okay; will do. I'll come back on line in a few  
24 minutes.

25 MR. BROCKMAN: Thank you, Dave.

26 **DISK ID:A-00005, TAG ID:0000048567**

27 MR. PROULX: Hi, this is Dave Proulx. I'm back on line.

28 MR. BROCKMAN: Hello, Dave.

29 MR. PROULX: It's 1.5 gallons per day.

30 MR. BROCKMAN: 1.5 GPD; okay; there will be a minimal  
31 impact. Significance should be --

1 MR. MERSCHOFF: No impact.

2 MR. BROCKMAN: Yes, no impact; minimal significance.

3 MR. PROULX: They've, chemistry has sampled all four steam  
4 generators following the trip, and it hasn't changed from its old  
5 value as well.

6 MR. BROCKMAN: That's good.

7 MR. PROULX: As a note, the tech spec limit here is 150  
8 gallons per day, because they have the alternate repair criteria tech  
9 specs.

10 MR. BROCKMAN: Approximately 1 percent of the tech spec  
11 limit.

12 SPEAKER: Let's be careful. That's just primary to  
13 secondary. We're talking about straight to the environment now, and  
14 we're still at a small fraction of the effluent limit. But that's  
15 probably how you need to say it, that while there is a release, it's  
16 a small fraction of the authorized effluent level. With no  
17 anticipated impact.

18 SPEAKER: Yes.

19 SPEAKER: Or no impact.

20 SPEAKER: Do you have an activity number perchance, Dave,  
21 for the steam generators?

22 MR. PROULX: I can get it on their chemistry printout. Hold  
23 on a second.

24 SPEAKER: Okay; thanks.

25 Anything else for Dave?

26 MR. BROCKMAN: No, not at the moment.

27 SPEAKER: Okay; I think -- anything else for us, Dave, right  
28 now? Hey, Dave?

29 MR. BROCKMAN: Goodbye, Dave.

30 SPEAKER: I guess he went to go get that number.

31 [Pause.]

DISK ID:A-00005, TAG ID:0000048572

1  
2           SPEAKER: Headquarters Operations Officer on line?  
3           [No response.]  
4           SPEAKER: Come up on line.  
5           MR. OATLEY: Hi, this is David Oatley, plant manager.  
6           MR. BROCKMAN: Hi, David, Ken Brockman here.  
7           MR. OATLEY: Hi, Ken, how are you doing?  
8           MR. BROCKMAN: You're a little busy this morning, sir.  
9           MR. OATLEY: Yes, but we've got things under control it  
10          looks like, or at least we're getting there.  
11          MR. BROCKMAN: Very good.  
12          MR. OATLEY: We understand what we need to do anyway.  
13          MR. BROCKMAN: Uh-huh.  
14          MR. OATLEY: Do you have any questions of me?  
15          MR. BROCKMAN: No; I think at the moment, Dave, we're in  
16          pretty good shape. Did you understand the concern that Ellis was,  
17          uh, passed on to Mark?  
18          MR. OATLEY: To my understanding, he had some questions on  
19          the primary-secondary steam generator leakage.  
20          MR. BROCKMAN: Yes; I think the thing was is we've learned -  
21          - and I just want to share -- be careful about the use of absolute  
22          terms when you say there is no release.  
23          MR. OATLEY: Right.  
24          MR. BROCKMAN: No implies zero, as opposed to very small  
25          amounts.  
26          MR. OATLEY: Right.  
27          MR. BROCKMAN: I just wanted to make you sensitive in your  
28          releases as to make sure that you pick the words that you wanted to  
29          pick. We knew that that had been an area that had brought some  
30          criticism to other people in the recent past.  
31          MR. OATLEY: I understand from the Indian Point II events,

1 yes. You know, the leakage we have right now in the 1.5 to 2 gallons  
2 per day has been constant this whole cycle and existed prior to the  
3 last refueling outage, where we did our steam generator inspections.  
4 So the way I look at this is the atmospheric steam dumps that we're  
5 using right today would be the same ones we used coming out of the  
6 outage, so we're not -- you know, we're releasing the same atoms of  
7 radioactivity now as we were coming out of the outage.

8 What I talked to our news people about is, you know, if  
9 we're asked about it, we just say there's no detectable radiation  
10 release, which is accurate.

11 MR. BROCKMAN: If there's none detectable, you know, that's  
12 consistent with what we saw before, minimal amounts well within the  
13 allowable limits and what have you, that's probably something along  
14 the lines that we would be looking to say that it would be a minimum  
15 amount, but we do not see it being of concern or having a potential  
16 for impacting public health and safety.

17 MR. OATLEY: Right; are you going to be issuing a press  
18 release?

19 MR. BROCKMAN: We will be issuing a press release. We will  
20 show you a copy of it just to make sure that we're factually accurate  
21 prior to its dissemination.

22 MR. OATLEY: Okay.

23 MR. BROCKMAN: So that's pretty standard, a press release.  
24 We do that --

25 MR. OATLEY: Right.

26 MR. BROCKMAN: Certainly, anyone that's got any changes from  
27 your viewpoint, I think it's very essential that we know what each  
28 other's going to say before we say it and make sure we're consistent  
29 along those lines, or if we disagree, we know where we disagree.

30 MR. OATLEY: I agree; speak with one voice where we can.

31 MR. BROCKMAN: Yes.

1 MR. OATLEY: Is there anything - How's the information flow  
2 going to you guys?

3 MR. BROCKMAN: Very well, thank you. Mark coming on has  
4 been very effective in getting some information on to us on an  
5 ongoing basis, and that's been extremely helpful. We've been trying  
6 very much not to get into your all's knickers but be able to stay  
7 just in an information gathering mode. Hopefully, we have not been a  
8 significant impact to you, but we think we've pretty well staying up  
9 to snuff as to where things are going at the moment.

10 MR. OATLEY: Okay; we will be going to mode five.

11 MR. BROCKMAN: Understood; yes; we got the update from  
12 David. He sat in on your all's planning meeting.

13 MR. OATLEY: Yes, he did; in fact, he's on the phone, too,  
14 right here.

15 MR. BROCKMAN: It sounds like the damage down there was  
16 really significant.

17 MR. OATLEY: I was on my way down to the room to take a look  
18 at it first hand when -- because they just cleared it for entry here  
19 about 15 or 20 minutes ago -- when I heard that you guys were on the  
20 phone and having questions around the steam generator leakage and how  
21 we wanted to address that as far as the public, so --

22 MR. BROCKMAN: And it sounds like we've pretty well got a --  
23 we understand where each other's coming from on this.

24 MR. OATLEY: Yes.

25 MR. BROCKMAN: Just absolute terms.

26 MR. OATLEY: And I think the way that Jeff Lewis was going  
27 to do it was, when asked the question, he was going to respond no  
28 detectable radiation being released. I don't think the press release  
29 is going to state anything like that.

30 MR. BROCKMAN: Understood; the one I saw, yes, was moot on  
31 it, and so, it was probably just, you know, being prepared for how

1 you would respond to a question. I mean, you can, without a doubt,  
2 predict that you're going to get it.

3 MR. OATLEY: Sometimes, yes; sometimes, no with the local  
4 press.

5 MR. BROCKMAN: Okay.

6 MR. OATLEY: Maybe New York would be different.

7 MR. BROCKMAN: Yes; I'm sure it would be.

8 MR. OATLEY: Okay.

9 MR. BROCKMAN: Very good; thanks for the update.

10 MR. OATLEY: I'm around, so let David or Mark know if you  
11 need to talk to me for any reason.

12 MR. BROCKMAN: Very good; thanks a lot.

13 MR. OATLEY: Okay; thanks.

14 MR. BROCKMAN: Bye-bye.

15 MR. PROULX: Okay; I'm back, and I have the steam generator  
16 chemistry data.

17 MR. BROCKMAN: Go.

18 MR. PROULX: Okay; now, for gross activity in the steam  
19 generator, 3.7E-5 microcuries per milliliter.

20 MR. BROCKMAN: So E-5 micro.

21 MR. PROULX: Yes.

22 MR. BROCKMAN: That's T-minus many.

23 SPEAKER: E-11 for the rest of us, right?

24 MR. PROULX: Okay, now, dose equivalent iodine: 2.04E-8  
25 microcuries --

26 MR. BROCKMAN: Say again?

27 MR. PROULX: 2.04E-8 microcuries per milliliter.

28 MR. BROCKMAN: Okay; 2E-8. That's E-minus even less than  
29 the other one.

30 MR. PROULX: Yes.

31 MR. BROCKMAN: Okay; very good. Then, I think our

1 characterization is right: small fraction, no -- from what the  
2 licensee said, basically the same as no detectable increase has  
3 occurred based upon this event and no impact or safety significance  
4 associated with this type of release.

5 Very good, sir; thank you.

6 MR. PROULX: Okay.

7 MR. BROCKMAN: I'm going to put you back on mute, Dave.

8 MR. PROULX: Would you recommend for or against my actually  
9 going down and eyeballing this thing now?

10 MR. BROCKMAN: I think it would be very worthwhile; yes, if  
11 you want to slide on down there with Dave Oatley and --

12 MR. PROULX: I sure do.

13 MR. BROCKMAN: Yes; go.

14 MR. PROULX: Okay.

15 MR. BROCKMAN: Not a problem.

16 MS. SMITH: Thank you, Dave.

17 MR. PROULX: Bye.

18 [Pause.]

19 **DISK ID:A-00005, TAG ID:0000048583**

20 MR. LEMKE: Okay; Mark Lemke here.

21 MR. BROCKMAN: Yes, Mark?

22 MR. LEMKE: Let's see; a little update. We found out why we  
23 lost 52VU14. 52VU14 is the breaker, basically, that feeds the --  
24 that supplies power from the 12kV startup bus to the 1-2 startup  
25 transformer.

26 MR. BROCKMAN: Yes, sir.

27 MR. LEMKE: And it appears that that buswork is above the  
28 buswork that exploded, and the heat and/or fire or explosion from the  
29 aux transformer 1-1 lines, the heat from that is what destroyed,  
30 apparently, or damaged, rather, the line by 52VU14.

31 MR. BROCKMAN: So VU14, then, opened on a protective trip as

1 due to the protective opening as it should have.

2 MR. LEMKE: Right; and it's physically damaged, apparently,  
3 from the heat of the problem on aux transformer 1-1.

4 SPEAKER: But the 12kV bus was not damaged either, Mark?

5 MR. LEMKE: That is correct; at least initially. I mean,  
6 it's still online, and it's still supplying reactor coolant pumps, so  
7 the 12kV bus is okay.

8 MR. BROCKMAN: Do you happen to know the problem that  
9 occurred to the cable run there? Is that downstream of VU14 or  
10 between VU14 and the 12kV bus?

11 MR. LEMKE: I don't know that.

12 SPEAKER: Because that would identify whether you're going  
13 to be able to isolate that offload, I mean, whether you've got a  
14 fault that's still effectively sitting there on the bus.

15 MR. LEMKE: Right, right, and I don't know that.

16 SPEAKER: Okay.

17 SPEAKER: But startup transformer 1-2 is deenergized.

18 MR. LEMKE: That is correct, and as Dave Oatley told you, we  
19 will be heading to mode five.

20 MR. BROCKMAN: Understood. A lot of work to be done to  
21 repair this.

22 MR. LEMKE: Right; right; what we intend to do, our latest  
23 game plan is to open a link between the 500 system and the aux  
24 transformer 1-1, which would effectively deenergize aux transformer  
25 1-1 and allow us to power up -- it would allow us to backfeed.

26 MR. BROCKMAN: But through 1-2?

27 MR. LEMKE: Auxiliary transformer 1-2, which would allow us  
28 to get off our diesels.

29 MR. BROCKMAN: Understood.

30 MR. LEMKE: And that will probably take some time to make  
31 that happen.

1 MR. BROCKMAN: I understand that's probably a couple --  
2 anywhere, a couple - several hour evolution.

3 MR. LEMKE: Right; right.

4 MS. SMITH: To sum up, then, right now, from the safety bus'  
5 point of view, there continues to be no offsite power, and all the  
6 diesels are still running?

7 MR. LEMKE: Well, we do have offsite power.

8 MS. SMITH: Right; but not to the 4 kV safety buses.

9 MR. LEMKE: But not to 4 kV vitals, and that's correct, and  
10 that's why we're still holding in an NUE.

11 MR. BROCKMAN: Understood.

12 MS. SMITH: Okay; and, uh, your plan is to restore offsite  
13 power to the 4 kV safety buses by isolating the fault from aux  
14 transformer unit 1-1 and then going ahead and backfeeding through the  
15 main transformer, aux transformer 1-2, to the safety buses.

16 SPEAKER: That is correct.

17 MS. SMITH: Thanks.

18 MR. LEMKE: Okay.

19 MR. BROCKMAN: We appreciate it, Mark.

20 SPEAKER: Say, Mark, did you make an update to the  
21 headquarters operations officer on your 50.72 report?

22 MR. LEMKE: Yes.

23 SPEAKER: Thank you.

24 MR. LEMKE: And, you know, he informed me that it won't  
25 change their information on the Webpage until tomorrow morning. I  
26 didn't realize that only goes out once a day; that's only changed  
27 once a day. So the information that's on the Web, your Webpage, will  
28 be outdated of course.

29 MR. BROCKMAN: It's still the right thing to do and get it  
30 on there.

31 MR. LEMKE: Oh, sure.

1           SPEAKER: And we are preparing a preliminary notification,  
2 Mark.

3           MR. BROCKMAN: We'll get, there will be something on the Web  
4 this morning with updated information.

5           SPEAKER: That will also hit the Web, and that will be  
6 updated.

7           MR. LEMKE: Oh, okay, good.

8           MR. BROCKMAN: Okay; thank you, sir.

9           MR. LEMKE: Okay; and I'll be back.

10          MR. BROCKMAN: All right.

11          [Pause.]

12                   **DISK ID:A-00005, TAG ID:0000048619**

13          MR. COLLINS: Dave, are you on the line?

14                   **DISK ID:A-00005, TAG ID:0000048628**

15          MR. PROULX: Hello; this is Dave Proulx on the line. Is  
16 anyone still there?

17          MR. COLLINS: Dave, this is Elmo at NRC.

18          MR. PROULX: Okay; I've gone down and inspected the affected  
19 area.

20          MR. COLLINS: What does it look like to you, Dave?

21          MR. PROULX: Okay; if you noticed on your electrical road  
22 map here, you see where aux transformer 1-1 Tees into either -- on  
23 the downstream side of this transformer, it Tees into either bus E or  
24 bus D?

25          MR. COLLINS: Right.

26          MR. PROULX: Right there at the Tee -- you understand their  
27 ductwork is rectangular in cross-section.

28          MR. COLLINS: Okay.

29          MR. PROULX: Directly on the side of the ductwork is about a  
30 3-foot in diameter hole with blackened and charred metal extruding  
31 out from it a little bit. In addition, on the top of the bus work,

1 there is about a two-and-a-half-foot diameter hole in the ductwork  
2 also with quite a bit of charred metal and that type of thing.

3 SPEAKER: Okay.

4 MR. PROULX: It's right at that Tee. And, as a matter of  
5 fact, where the Tee is, it's no longer made up.

6 MR. COLLINS: Yes.

7 MR. PROULX: Directly above where the hole at the top of the  
8 buswork is is where the startup buswork goes.

9 MR. COLLINS: Right.

10 MR. PROULX: And the hole in that is about two-foot  
11 diameter, and if you look right into the hole with a flashlight, you  
12 can see that the cabling itself has about a six-inch section of it on  
13 all three faces blown away where you can see the bare cabling. It's  
14 all black and charred, but you can see that the insulation is gone.

15 MS. SMITH: It looks like you had a three-phase fault on the  
16 12 kV as well.

17 MR. PROULX: I don't know. All you see is a great big hole  
18 and twisted and charred metal. On the floor below the ductwork,  
19 there is about a one-inch deep and about six foot in diameter debris  
20 pile of melted pipes of metal, silver, types of copper, things like  
21 that.

22 MR. COLLINS: Right.

23 MR. PROULX: On the floor. There are four panels in the  
24 area that have some damage to them. Let me look at my notes here.  
25 Okay; and essentially, there's -- for the reactor coolant pumps here  
26 at Diablo, and I think this is pretty much the standard, you have  
27 your reactor coolant pump breakers that you control from the control  
28 room, and in series for each reactor coolant pump, you have a backup  
29 breaker. And that can only be controlled locally.

30 Each one of the reactor coolant pump backup breaker panels  
31 is directly underneath where that ductwork exploded, and the panels

1 for reactor coolant pump 1-2, 1-3, and 1-4 are -- the outside of them  
2 is all totally black. All of the label plates are melted off. The  
3 windows for looking at the relays are all melted away, and yet,  
4 they're still running those reactor coolant pumps through those  
5 breakers.

6 MR. COLLINS: Okay.

7 MR. PROULX: Let's see; and other than that, there's --  
8 there are splatterings of molten metal all over the walls. So it  
9 looks to me like a fairly long-term recovery here.

10 MR. COLLINS: Now, is this - - was a cable fault, you think?

11 MR. PROULX: I don't know; they haven't said.

12 MR. COLLINS: Okay.

13 MS. SMITH: David, what's the power supply for the control  
14 room like? Do you know?

15 MR. PROULX: 4160; it's through the 480, but it's 4160 bus  
16 E. It's also the lighting for all the plant, and essentially right  
17 now, all of Unit I is running on emergency lighting.

18 SPEAKER: The emergency lighting power source.

19 MR. PROULX: Right now, they're on batteries.

20 SPEAKER: Okay; how long is that going to last?

21 MR. PROULX: Well, eight hours if their design basis is  
22 right.

23 MR. BROCKMAN: That's on a full accident load profile and  
24 everything else, which they're not on. So you know you'll get at  
25 least eight hours.

26 MR. PROULX: Right; and they've been in this condition since  
27 about 1230, I mean.

28 MR. BROCKMAN: But we know that they're not on an accident  
29 load profile on the batteries.

30 MR. PROULX: Correct.

31 MR. BROCKMAN: So they'll get more than eight hours.

1 MR. PROULX: So, they also noted that they're getting high  
2 temperatures on the control rod drives, excuse me, on the reactor  
3 vessel head area, and that's because the control rod drive mechanism  
4 fans which cool the reactor head area are all in the -- are all off  
5 the 4160 nonvital bus, and they're getting high temperature alarms in  
6 that area, so they're starting to cool down right now.

7 MR. COLLINS: That's the media air area, the cavity.

8 MR. PROULX: Yes. Exactly

9 MR. COLLINS: The control rods are all in, right?

10 MR. PROULX: Yes, yes, but because of that, they're starting  
11 their cooldown on the dumps right now.

12 SPEAKER: Yes.

13 SPEAKER: At what time did they initiate the cooldown?

14 MR. COLLINS: What time did they start the cooldown, Dave?

15 MR. PROULX: I can get an exact time.

16 SPEAKER: When you get a chance.

17 MR. PROULX: Okay.

18 MR. COLLINS: We knew they were imminent in starting to do  
19 that.

20 MS. SMITH: We're just trying to get the PN out.

21 MR. PROULX: Okay; cooldown commenced question.

22 SPEAKER: David, another question: why did they contact the  
23 Department of Forestry for the fire?

24 MR. PROULX: Well, it did take them two hours to put it out.

25 Speaker: That's just in case it got worse.

26 SPEAKER: That's their outside fire department for them.

27 MS. SMITH: But why are you saying it took two hours, and  
28 we're only seeing about an hour?

29 MR. PROULX: Well, they took two hours to declare it out,  
30 because it was very hard to see in the room. They said it was  
31 totally blackened in the room. They couldn't, you know, see, you

1 know, very far. And so, they just assumed the fire kept going until  
2 0230 when they officially declared the fire out. But like I said  
3 before, all kinds of panels had, you know, hot, molten metal on them,  
4 and, you know, they were worried that it was going to get worse; it  
5 could have got worse.

6 SPEAKER: [inaudible] Forestry --

7 MR. PROULX: California Department of Forestry is the county  
8 fire responders for all of the places outside of the city limits.

9 MS. SMITH: What's their standard fire brigade response; I  
10 mean, they always get their local fire brigade; plus, they call these  
11 outside guys when there's a fire, right?

12 MR. PROULX: Yes.

13 MR. LEMKE: This is Lemke again.

14 SPEAKER: Hi, Mark.

15 MR. LEMKE: We have an industrial fire brigade on plant  
16 site.

17 SPEAKER: Right.

18 MR. LEMKE: And those guys, there's five of them typically,  
19 and if those guys cannot get the fire under control, or if they think  
20 it warrants outside assistance, then, we call in CDF.

21 SPEAKER: They did.

22 MR. LEMKE: Yes, which they did in this case.

23 MS. SMITH: So the local fire brigade thought that they  
24 needed support, so they asked for it.

25 MR. LEMKE: That is correct.

26 MR. PROULX: And they didn't use it, though, however.

27 SPEAKER: Does that answer your question?

28 SPEAKER: I must be dumb. Who said hey, we've got a fire?  
29 Just because they lost

30 **DISK ID:A-00005, TAG ID:0000048633**

31 [inaudible] control room?

1 MR. COLLINS: We were wondering, Mark, what indications were  
2 available to the people that alerted them they had a fire or some  
3 sort of fault in this switch gear room?

4 MR. LEMKE: Let me -- let me talk to them and get back to  
5 you on that.

6 MR. COLLINS: That's fine.

7 MR. LEMKE: I'll be right back.

8 MR. COLLINS: That's not urgent information.

9 MR. LEMKE: Yes; I don't --

10 MR. COLLINS: We were just speculating to ourselves how long  
11 we thought the emergency lighting would run on the batteries. Do you  
12 have any estimate of that?

13 MR. LEMKE: No; but I can get one.

14 MR. COLLINS: Okay; thank you.

15 MR. LEMKE: Okay.

16 MR. PROULX: He's gone offline now.

17 SPEAKER: I'm going to have to go get on the other bridge, I  
18 guess, right? Just call the man and say who you are and why you're  
19 there. You going to join me?

20 SPEAKER: Yes.

21 SPEAKER: You care to hear this TA brief?

22 SPEAKER: Let me sit in on it.

23 [Pause.]

24 MR. PROULX: Oh, they had fire alarms and smoke alarms and  
25 sprinkler actuations that notified them of the fire immediately.

26 MR. COLLINS: Okay.

27 MR. PROULX: And all the fire panels in the control room;  
28 I'm listening to the conversation between Lemke and John Robb, who's  
29 the shift manager. Okay. It was essentially immediate. Lemke's  
30 back online, and he's going to say essentially the same thing.

31 Go ahead, Mark.

1 MR. LEMKE: Okay; the indications of the fire were from  
2 smoke alarms and fire alarms in the 12 kV switch gear room. They  
3 came in immediately, and the fire brigade responded; they saw all the  
4 smoke and what not and immediately called for assistance from CDF.

5 SPEAKER: Thank you.

6 MR. LEMKE: As far as the battery lighting, that's not real  
7 clear yet. That's not going to last -- I don't know; it's been going  
8 now for what? About five hours?

9 MR. PROULX: Yes; and each one has got its own individual  
10 battery pack, so unclear. I mean, probably for 8 hours but --

11 MR. LEMKE: Right, right.

12 MR. COLLINS: Okay.

13 MR. LEMKE: And did I tell you guys we're heading to cold  
14 shutdown. You know that, right?

15 SPEAKER: Yes, I do.

16 MR. LEMKE: Okay.

17 SPEAKER: When were you starting your cooldown?

18 MR. LEMKE: Okay; any other questions?

19 SPEAKER: I don't believe so.

20 MR. LEMKE: Okay.

21 SPEAKER: Thank you.

22 MR. LEMKE: Okay; I'm going offline again for a little bit.

23 MR. PROULX: They haven't started the cooldown. They've  
24 just completed the [inaudible] is what they're telling me.

25 SPEAKER: Okay.

26 [Pause.]

27 MR. PROULX: This is David online. Are you guys trying to  
28 put together a press release or a PN now? I'm having trouble hearing  
29 you.

30 MR. BROCKMAN: Yes; we are, and I should probably -- we're  
31 mumbling. I should probably put this thing on mute. Thanks, Dave.

1 MR. PROULX: Okay.

2 [Pause.]

3 **DISK ID:A-00005, TAG ID:0000048647**

4 MS. SMITH: David, are you still there?

5 [No response.]

6 [Pause.]

7 **DISK ID:A-00005, TAG ID:0000048672**

8 MR. LEMKE: Lemke here again.

9 MR. ANDREWS: Region IV is here.

10 MR. LEMKE: We have nothing new to report. Are you guys  
11 going to -- how long are you guys anticipating wanting to  
12 keep this line open?

13 MR. ANDREWS: We'll probably keep this line open until  
14 termination of the UE.

15 MR. LEMKE: Okay.

16 MR. PICK: Mark, this is Greg. You may have said this.  
17 When will they get their - - when will they go off emergency lights?

18 MR. LEMKE: We're going to have to restore power first, so  
19 that's going to be probably several hours. They were looking to see  
20 if there's a way they could cross-tie to Unit II, but so far, they  
21 haven't been able to do that.

22 SPEAKER: When you backfeed aux transformer 1-2 to where aux  
23 feed transformer 1-1 was, that will allow you to shut down your  
24 diesels.

25 MR. LEMKE: Correct.

26 SPEAKER: But that still doesn't get the emergency lights.

27 MR. LEMKE: Yes; the lights ought to come off the non-vital,  
28 but let's see --

29 SPEAKER: That'll get back.

30 SPEAKER: Yes, that'll get back.

31 MR. LEMKE: Right; but it's pretty much going to have to

1 wait, I believe, until we get -- until we can backfeed.

2 SPEAKER: Okay; thank you.

3 MR. LEMKE: Okay.

4 And then, let's see; Unit II is still at 100 percent power.  
5 This has not affected Unit II.

6 SPEAKER: Correct; thank you.

7 MR. LEMKE: Okay; and I'll be back in a little while.

8 MR. ANDREWS: Okay; what's the weather there, Mark?

9 MR. LEMKE: Well, when I came in, which was about five hours  
10 ago, it was starting to drizzle.

11 MR. ANDREWS: Okay.

12 MR. LEMKE: It's kind of unusual weather for California, but  
13 actually, it -- and it's also -- it's keeping the cloud cover in and  
14 that sort of thing, too so --

15 MR. ANDREWS: [inaudible] were likely to have thunderstorms  
16 this afternoon.

17 MR. LEMKE: No, no lightning -- well, I don't think there's  
18 any lightning storms.

19 MR. ANDREWS: No, thunderstorms?

20 MR. LEMKE: Thunderstorms? We don't get many thunderstorms  
21 out here. I don't anticipate any. I didn't see any of that in the  
22 forecast; just some local drizzle.

23 MR. ANDREWS: I looked at the National Weather Service for  
24 San Luis Obispo.

25 MR. LEMKE: You did?

26 MR. ANDREWS: Yes.

27 MR. PROULX: No, they said on the news last night, Tom,  
28 about a 10 percent chance of thunderstorms this afternoon.

29 MR. ANDREWS: Okay.

30 SPEAKER: But 10 percent is pretty unlikely for around here.

31 MR. MELFI: Hey, Mark?

1 MR. LEMKE: Yes, sir.

2 MR. MELFI: This is Jim Melfi. I'm a project engineer here  
3 in the region. This is something just for my own personal  
4 information. Is it going to take about 10 to 12 hours to get down to  
5 mode five? Is that normal or --

6 MR. LEMKE: Is that going to take them that long? That's  
7 about right, I guess. That's about right.

8 MR. MELFI: About 50 degrees an hour.

9 MR. LEMKE: Yes; unless -- yes; I don't think they're going  
10 to run into any problems, but again, we're not doing this with the  
11 condenser. We don't have the condenser, so we're using atmospheric  
12 steam dumps. But it will take the rest of the day shift to get down.

13 MR. MELFI: No problems with condensate storage tank water  
14 inventory or anything like that?

15 MR. LEMKE: I don't think so; I can't see the indicator from  
16 here.

17 MR. MELFI: Oh, okay; I mean -- this is --

18 MR. LEMKE: Well, they should have plenty of water to be  
19 able to cool down. I mean, it's designed for that. I'll go over and  
20 look. Let me check; I'll be right back.

21 [Pause.]

22 **DISK ID:A-00005, TAG ID:0000048676**

23 MR. PROULX: Sixty-four percent. That's plenty for their  
24 cooling.

25 SPEAKER: It's about 55 or something like that, so you've  
26 got plenty of water.

27 SPEAKER: Did you hear that, Mark?

28 MR. LEMKE: What? Dave told you it's about 64 percent in  
29 the CST.

30 SPEAKER: Right.

31 MR. LEMKE: And it's actually filling as we speak, so it's

1 actually going up.

2 MR. ANDREWS: Okay.

3 MR. LEMKE: It's also -- it's starting to get a little busy  
4 in here, because they're going through a shift change, so right now,  
5 there's going to be a transfer from one crew to the next. That will  
6 be going on for about the next hour.

7 MR. ANDREWS: At what point would you have actuated your  
8 TSC?

9 MR. LEMKE: We would activate the TSC if we declared an  
10 alert or above.

11 MR. ANDREWS: Okay.

12 MR. PROULX: I believe the threshold for that is a fire that  
13 affects safety-related equipment more than 15 minutes.

14 MR. LEMKE: Oh, that is correct, yes; that is correct.  
15 That's one of the reasons I came out, is because I was concerned  
16 about whether or not this was going to escalate, but it didn't.

17 MR. ANDREWS: We're glad.

18 MR. LEMKE: That's right.  
19 I'm going to go offline again. I'll be back in a little  
20 bit.

21 MR. ANDREWS: Okay.

22 MR. LEMKE: Okay.

23 SPEAKER: Thanks.

24 [Pause.]

25 **DISK ID:A-00005, TAG ID:0000048689**

26 MR. LEMKE: This is Lemke again.

27 MR. ANDREWS: Region IV is online.

28 MR. LEMKE: Nothing new to tell you. Just thought I'd come  
29 back and tell you that.

30 MR. ANDREWS: We appreciate you taking the effort.

31 MR. LEMKE: Okay; what can I tell you about? Not much; I

1 guess you guys know everything we know at this point.

2 MR. ANDREWS: Okay.

3 MR. LEMKE: Have you gotten any other -- have you guys  
4 gotten any other -- you haven't gotten any other faxes from us as far  
5 as press releases, right?

6 MR. ANDREWS: Just the one.

7 MR. LEMKE: And you guys haven't put anything out?

8 MR. ANDREWS: We're trying to get one approved.

9 MR. LEMKE: And you're going to let us see that?

10 MR. ANDREWS: Yes, sir.

11 MR. LEMKE: Okay.

12 MR. ANDREWS: What's your fax number there?

13 MR. LEMKE: I knew you were going to ask me that. Let me go  
14 see if I can find one that's working.

15 MR. ANDREWS: All right.

16 MR. LEMKE: Hold on.

17 [Pause.]

18 **DISK ID:A-00005, TAG ID:0000048691**

19 MR. ANDREWS: Dave? Dave, are you on the line?

20 MR. LEMKE: Okay; this is Lemke.

21 MR. ANDREWS: Yes, Mark.

22 MR. LEMKE: The fax number in our control room that you can  
23 send this to, your press release, would be Area Code 805-545-3739.

24 MR. ANDREWS: Okay; okay; all right.

25 SPEAKER: This is for PG&E.

26 MR. ANDREWS: Yes. Mark, another question for clarification  
27 purposes one more time.

28 MR. LEMKE: Okay.

29 SPEAKER: The fire -- in our event report, we show that the  
30 fire was out at 1:45 -- 1:43.

31 MR. LEMKE: Okay.

1 MR. ANDREWS: And no personnel were injured. But then, we  
2 hear that the fire was declared out at about 2:30 time frame.

3 MR. LEMKE: Well, and I can go get some clarification on  
4 this, but I really believe there was no -- there wasn't much fire,  
5 all right?

6 SPEAKER: I understand.

7 MR. LEMKE: There was an explosion, and the fire and smoke  
8 detectors went off, and when people went down there, they encountered  
9 a tremendous amount of smoke. I think, you know, they assumed there  
10 was a fire, an incipient fire, if not an actual fire, and so, the  
11 determination of when there actually wasn't any flame or wasn't any  
12 fire is probably kind of subjective. I would say it's probably more  
13 like the 1:43 number, because at 0230, CDF was already offsite.

14 MR. ANDREWS: Okay.

15 MR. LEMKE: Okay? So they would have secured that long  
16 before they let them go.

17 SPEAKER: Will you verify the time?

18 MR. LEMKE: Sure.

19 MR. ANDREWS: Can you find out the time that you declared  
20 the fire out?

21 MR. LEMKE: You bet; let me go get that.

22 MR. ANDREWS: Thank you, sir.

23 MR. LEMKE: Okay.

24 [Pause.]

25 **DISK ID:A-00005, TAG ID:0000048693**

26 MR. PROULX: Hello; this is Dave Proulx back on line.

27 MR. ANDREWS: Hello, Dave.

28 MR. PROULX: Just a real quick update. They still have not  
29 commenced the cooldown yet. They're doing the normal preparation  
30 things. They have to borate first to maintain their shutdown margin,  
31 and they also have to raise pressurizer level to about 85 percent

1 over, you know, to overcome the contraction of the water type of  
2 thing, so those are all the prep things that they're working on now.  
3 So that's where we are. There's a lot of people in here, and they're  
4 walking down their boards and getting ready to turn over the shift.

5 MR. LEMKE: Okay; Lemke back again. The information on the  
6 timing of the fire.

7 MR. ANDREWS: Okay.

8 MR. LEMKE: Now, I just spoke with the fire brigade captain,  
9 the guy who was down there. They arrived on scene somewhere around  
10 0045, okay? And they sent people in, and they had, you know, their  
11 air bottles, et cetera. And the fire captain indicated they had the  
12 fire out approximately 15 minutes later, so that would have been  
13 about 0100.

14 SPEAKER: They used what to put it out?

15 MR. ANDREWS: What did you use to put it out?

16 MR. LEMKE: CO<sub>2</sub>. The explosion, I think, was -- you know,  
17 the explosion must have caused an arc and resulted in a very dense  
18 smoke, but the fire was very minimal, and they put it out with a CO<sub>2</sub>  
19 extinguisher.

20 MR. ANDREWS: Okay.

21 MR. LEMKE: But the smoke was so heavy, and again, they  
22 called for backup when they got down there. So that we believe the  
23 fire was out by about 0100.

24 MR. ANDREWS: Okay.

25 MR. LEMKE: It was probably out before CDF actually arrived  
26 on the scene.

27 MR. ANDREWS: Okay; thank you for the clarification.

28 MR. LEMKE: Okay.

29 [Pause.]

30 MR. PROULX: Mark Lemke went offline, by the way.

31 SPEAKER: Thank you, David.

1 [Pause.]

2 DISK ID:A-00005, TAG ID:0000048705

3 MR. PROULX: Hello; Linda, are you still there?

4 SPEAKER: Linda's here.

5 MR. PROULX: Linda, I was able to get a hold of Dyle.

6 MS. SMITH: You were?

7 MR. PROULX: Yes; he's back in the Bay Area now.

8 MS. SMITH: Oh, he is? Already back from his trip to visit  
9 his daughter?

10 MR. PROULX: Yes; and he has a couple of personal things he  
11 has to take care of today. He's not sure if he can put them off or  
12 not and, you know --

13 MS. SMITH: I'm thinking we're not needing to. What we're  
14 leaning to right now is we're waiting for Bill Jones to finish doing  
15 his -- run the numbers as far as the risk of the response.

16 MR. PROULX: Yes.

17 MS. SMITH: But what we're looking at is if the numbers turn  
18 out low until I finish this PN, but we're looking at sending Greg out  
19 there to be a team leader and Dyle to be a participant and to do a  
20 follow-up special inspection but not start until tomorrow.

21 MR. PROULX: Okay.

22 MS. SMITH: And so, what we're talking about doing today  
23 would be to just follow them until we are sure that they're able to  
24 get offsite power back on and those two buses available to the safety  
25 buses, and at that point, we would secure monitoring, you know, from  
26 here.

27 MR. PROULX: Yes.

28 MS. SMITH: What does that sound like to you, David?

29 MR. PROULX: Probably longer than we think, because they're  
30 going through shift turnover and all that.

31 MS. SMITH: Okay; well, as an overall plan for oversight.

1 Does that sound reasonable? We're thinking Bob, just because he was  
2 an electrical guy and Greg because he had done the Waterford fire and  
3 the [inaudible] before.

4 MR. PROULX: Yes; if they need any advice on the side, on  
5 the response of the nuclear side and the plant and all that, I can  
6 help out.

7 MS. SMITH: Well, yes; you would do that first part. Ellis  
8 is just concerned that we would -- and the three of you, all three of  
9 you together, would be considered part of a team. But what Ellis was  
10 concerned about was that we had two residents both following the  
11 issue that we would then end up not having anybody doing regular  
12 resident stuff, so kind of like when the regional duty officer starts  
13 with an event and leaves; you know what I mean, once it gets turned  
14 over, kind of like that.

15 MR. PROULX: Right; I told Dyle that he could call you, and  
16 you and he could discuss when you need him?

17 MS. SMITH: Okay; well, I appreciate that.

18 MR. PROULX: So, I leave it in his and your hands to, you  
19 know, decide what you --

20 MS. SMITH: Yes; and, David, I think you've been doing a  
21 real good job, too. I wanted you to know that.

22 MR. PROULX: Thank you.

23 MS. SMITH: Is there any kind of new stuff coming on, or  
24 does everything look pretty steady for a little bit?

25 MR. PROULX: It's steady right now.

26 MS. SMITH: It doesn't look like they're going to have any  
27 trouble getting power back before the lights go off or anything like  
28 that?

29 MR. PROULX: No, I don't think so. I walked down the diesel  
30 generator rooms while I was down there a minute ago, and they've got  
31 an equipment operator and a system engineer down there babysitting

1 the diesels to make sure that, you know, there's nothing going wrong  
2 with them and all that type stuff. They're all running well.  
3 There's no annunciators in, and we can be confident they can keep the  
4 buses on the diesels for the time being. They've got plenty of fuel,  
5 too.

6 MS. SMITH: That sounds great.

7 The other thing, too, David: Greg is working on a PN, and I  
8 guess you two may have already been working together on it, but I'd  
9 like for him to read it to you if he finishes it so that you can make  
10 sure that everything in it is consistent with what you understand.

11 MR. PROULX: Okay.

12 MS. SMITH: Okay? He's going to go downstairs to his office  
13 I think right now to finish up.

14 SPEAKER: As a matter of fact, David, I'm probably -- I know  
15 the fax number to that control room. You go stand by, and after I  
16 print it, it will take me about 5 minutes, because I've got to boot  
17 up my computer, so I'll beep you. When I beep you, I'll put in 911,  
18 and that will be your signal to go to their fax, because I'll be  
19 faxing it to you.

20 Hold on; I'm looking for the damn fax number again.

21 MR. ANDREWS: It's 805 --

22 SPEAKER: -- 372 --

23 MR. ANDREWS: -- 3739.

24 SPEAKER: -- 3739, right.

25 MS. SMITH: And it's a 545 [inaudible].

26 SPEAKER: So when am I going to fax it to you, David, to  
27 make sure we've got this communication correct?

28 MR. PROULX: When are you going to fax it to me?

29 SPEAKER: Yes.

30 MR. PROULX: Oh, when you beep me, and it shows up 911 as  
31 the signal.

1           SPEAKER: Right; all right; so don't worry about going by it  
2 until I beep you.

3           MR. PROULX: Oh, I'm right by it right now.

4           SPEAKER: Oh, okay.

5           MR. PROULX: We have a cordless phone in the control room  
6 here. I can just walk around anywhere.

7           MS. SMITH: Handy.

8           SPEAKER: I remember that now.

9           [Laughter.]

10          MS. SMITH: I'm surprised they let you use a cordless phone  
11 in the control room.

12          MR. PROULX: Actually, they put it in and gave it to us.

13          MS. SMITH: That's great; that's a good deal.

14          MR. ANDREWS: The next thing is to ask for cordless  
15 headsets.

16          MS. SMITH: Yes; and Tom, that's one thing that really saved  
17 us on this was David had his own personal cell phone, and he was able  
18 to continue business in the car on the way there and to call me a  
19 couple of times, so that idea of getting the residents cell phones  
20 was a really good one.

21          SPEAKER: Well, if you were at the management meeting --

22          MS. SMITH: I could push that.

23          [Laughter.]

24          MS. SMITH: Well, if you have any ideas for a charter,  
25 David, for the special inspection, I'm working on doing that now. Do  
26 you have any special things you think ought to be looked at?

27          MR. PROULX: Let me think. We have to start with, of  
28 course, evaluating the licensee's cause analysis on the fault;  
29 operator response to the trip; fire brigade response; let me think.

30          MS. SMITH: So you'd be responsible for writing up operator  
31 response and fire brigade response as a special team member?

1 MR. PROULX: Are you talking to me?  
2 MS. SMITH: Yes.  
3 MR. PROULX: Yes; I'd probably think more in terms of the  
4 operator response.  
5 MS. SMITH: Okay.  
6 MR. PROULX: And maybe have Greg or Dyle look at the fire  
7 response.  
8 MS. SMITH: Okay.  
9 MR. PROULX: Let me think.  
10 MS. SMITH: And the cause of the fault would be Dyle and  
11 Greg?  
12 MR. PROULX: Yes.  
13 MS. SMITH: And I was thinking extent of condition, that  
14 sort of thing, would be Dyle and Greg.  
15 MR. PROULX: Yes; we'll probably also have to have them look  
16 at -- we can talk about it -- implementation of the emergency plan.  
17 MS. SMITH: Okay; and how the EALs work.  
18 MR. PROULX: Yes; whether or not they communicated the EALs  
19 and updated the state and county with the frequency required.  
20 MS. SMITH: I'm not sure that it shouldn't have maybe been  
21 an alert.  
22 MR. PROULX: Pardon me?  
23 MS. SMITH: Since the fire lasted a longer time, we weren't  
24 sure that that maybe didn't satisfy their alert classification.  
25 MR. PROULX: Yes; well, I think that the calling it -- the  
26 fire not out until 2:30 was probably a real conservative type of  
27 thing, just because there was a lot of smoke in the area.  
28 MS. SMITH: Yes; since their 50.72 says they're claiming it  
29 was out at 1:43.  
30 MR. PROULX: Okay.  
31 MS. SMITH: It's hard to say what's what, I guess -- go look

1 at that. [inaudible] and then -- okay, and we're going to, of  
2 course, it will depend on the risk numbers whether or not we do a  
3 special or if it just stays under the

4 **DISK ID:A-00005, TAG ID:0000048706**

5 [inaudible] program. But either way, we would use the risk-informed  
6 based on the inspection program module as much as -- to an extent  
7 that they made sense.

8 MR. PROULX: Yes; but you don't see it going to an AIT then,  
9 huh?

10 MS. SMITH: No; right now, the preliminary number would put  
11 it at a special inspection, and he's gone to his desk to refine that.

12 MR. ANDREWS: To justify it.

13 MS. SMITH: Yes; the thing that would cause it to go longer  
14 would be if they had some sort of trouble getting offsite power  
15 actually back in service the amount of time; apparently, that's the  
16 driver -- the length of time. And so, we kind of have to watch that  
17 part. And I guess, also, too, you know, the RCP backup [inaudible]  
18 breakers that you were talking about?

19 MR. PROULX: Yes.

20 MS. SMITH: I think another thing to stay out of  
21 [inaudible], I guess it sort of comes under extended condition but  
22 would be checking on, you know, how close they were there.

23 SPEAKER: That's a cell phone.

24 [Pause.]

25 MR. ANDREWS: Hold on, David.

26 MR. PROULX: Okay.

27 MR. COLLINS: Hey, David, this is Elmo. I just walked back  
28 in after briefing the world and the program office.

29 MR. PROULX: Okay; do you have anything new? Are we still  
30 leaning toward either a special or a baseline or [inaudible]?

31 SPEAKER: Here's exactly where we're at. If Jones confirms

1 that conditional core damage probability he thinks it's going to be -  
2 -

3 MR. PROULX: Yes?

4 MR. COLLINS: -- we're probably then going to make our  
5 decision, and based on the number he has thrown out preliminarily,  
6 that would put us at special inspection.

7 MR. PROULX: Yes; probably not AIT, then.

8 MR. COLLINS: Probably not AIT; so, in which case we would  
9 be looking at probably two people.

10 MS. SMITH: What I told David was that it would be likely  
11 Greg and Dyle but that David would do the writeup part that had to do  
12 with [inaudible].

13 MR. PROULX: Would you send me one at 153?

14 MS. SMITH: Yes.

15 MR. PROULX: Yes; the baseline parts would be a follow-up  
16 type thing.

17 MR. COLLINS: Did we ever hear, Dave, of how long they can  
18 be on their batteries like this? Probably a long time would be my  
19 guess.

20 MR. PROULX: I just got a lot of I don't knows from them.

21 MR. COLLINS: Ah, so it's not the station batteries?

22 MR. PROULX: No, they're not station batteries. They're  
23 just the emergency lighting, you know, the little power packs with  
24 the bug eyes on them.

25 MR. COLLINS: It'll be real interesting if the lights go  
26 out.

27 MR. COLLINS: Okay; do you have any idea what that number's  
28 going to be, Dave?

29 MR. PROULX: What number?

30 SPEAKER: How long they can run on the batteries, the  
31 emergency lights.

1 MR. PROULX: No, I can ask.

2 MR. COLLINS: Well, we already asked. We asked Mark Lemke,  
3 and he said he didn't know; he was going to get us an answer. But I  
4 just wondered if you had any feel for that.

5 MR. PROULX: Yes; I don't have any feel for it.

6 SPEAKER: We'll wait for Mark to get the answer, and I'm  
7 going to be uneasy until I hear.

8 MR. PROULX: Yes; we have to be a little bit patient right  
9 now with getting information from the operators, because they're in  
10 the midst of shift turnover right now.

11 MR. COLLINS: Oh, absolutely; no, that's not -- it's not an  
12 urgent thing.

13 MR. PROULX: Yes.

14 MR. COLLINS: But Lemke should be getting it. You shouldn't  
15 have to do anything on that.

16 MR. ANDREWS: They're going on mute momentarily.

17 MR. COLLINS: They're not like [inaudible] on the bridge,  
18 are they?

19 MR. ANDREWS: Yes.

20 MR. COLLINS: Oh.

21 MR. ANDREWS: They could pop on the bridge.

22 MR. COLLINS: Okay, We're going on mute.

23 [Pause.]

24 **DISK ID:A-00005, TAG ID:0000048732**

25 MR. PROULX: Linda, are you on the bridge?

26 MR. ANDREWS: Region IV is here.

27 MR. PROULX: Is Greg [inaudible] there?

28 MR. ANDREWS: No, he's still downstairs.

29 SPEAKER: Oh, okay; I have a copy of his fax he sent.

30 MR. PROULX: Okay.

31 MS. SMITH: David, you could call him in his office.

1 MR. PROULX: All right; well, I'm going to have to go  
2 offline here and get on another phone, then.

3 [Pause.]

4 DISK ID:A-00005, TAG ID:0000048738

5 MR. LEMKE: Mark Lemke here.

6 MR. ANDREWS: Region IV on the line.

7 MR. LEMKE: We just wanted to let you know we got your press  
8 release.

9 MR. ANDREWS: All right.

10 MR. LEMKE: That was faxed out here. We've got that. My  
11 news rep has it, and thank you for that.

12 MR. ANDREWS: You're welcome, Mark.

13 SPEAKER: Any new info, Mark?

14 MR. LEMKE: No, absolutely none.

15 MR. ANDREWS: Didn't learn anything from our press release?

16 [Laughter.]

17 MR. LEMKE: No, and that's a good thing, I suppose.

18 MR. COLLINS: I was still looking for an estimate of the  
19 battery lifetime for the emergency lighting.

20 MR. LEMKE: I know, and all I can tell you is that right  
21 now, that's not the highest thing on their hit parade.

22 MR. COLLINS: Well, I understand. I'd hate to see the  
23 lights go out, though.

24 MR. LEMKE: Right; but it's kind of -- at this point, it's  
25 like if they do, they do. We'll probably have to deal with that on a  
26 case-by-case basis. I imagine they can go out and start changing out  
27 some batteries or something on them now, but they should last  
28 nominally 8 to 10 hours, I suppose.

29 SPEAKER: Any status on backfeeding on the main transformer?

30 MR. LEMKE: No; well, we haven't done it yet. First of all,  
31 they have to create a clearance, and then, they're going to have to

1 go and put the clearance into place, which involves clearing breakers  
2 up at the 500 switchyard as well as clearing the main generator. And  
3 that's going to take a little bit of time.

4 SPEAKER: What? Sorry? So the status is they really  
5 haven't gotten into the evolution yet.

6 MR. LEMKE: That is correct; they're in the process of  
7 generating the clearance to do that. We've had people out here  
8 looking at it. It's a fairly extensive clearance, as you might  
9 imagine.

10 SPEAKER: Yes; any prognosis on the length of time to do  
11 that from this time forward?

12 MR. LEMKE: Pardon me?

13 SPEAKER: I'm just wondering -- trying to have a prognosis  
14 on the length of time it's going to take to do all this.

15 MR. LEMKE: I would say it's going to be -- I'd say -- I  
16 don't know; ballpark, I'd say at least two hours from now before we  
17 have that cleared.

18 SPEAKER: Okay; and the plant cooldown is proceeding?

19 MR. LEMKE: That is correct; you know, and once they do get  
20 the main unit cleared, then, they have to go out and physically  
21 disconnect that buswork and then get off the main bank again and hot  
22 it back up and allow it to backfeed. I don't know; I see that kind  
23 of taking most of the rest of today.

24 SPEAKER: Okay.

25 MR. COLLINS: And any other changes in plant conditions?

26 MR. LEMKE: No other changes in plant conditions.

27 MR. ANDREWS: Okay; so you're thinking it's going to be  
28 another eight hours or so before you get to your unusual event  
29 termination point?

30 MR. LEMKE: Yes; and certainly, we'll let you know if that  
31 changes, too, but that's what I would be estimating right now.

1 Again, you know, a lot of our plant management is onsite now. Some  
2 of them have been out here since -- for the last several hours, but  
3 we're going to be looking at this more closely and see if there's  
4 anything else we can do, but I believe until we get off the diesels,  
5 we're probably going to stay in the NUE, and I believe that's going  
6 to be probably at least 1600 today.

7 MR. ANDREWS: Okay.

8 SPEAKER: why would you stay in the unusual event if you're  
9 off the diesels?

10 MR. LEMKE: Once we get off the diesels?

11 SPEAKER: Yes.

12 MR. LEMKE: The criteria to declare the NUE, one of the two  
13 criteria -- well, one of the criteria was the fire. The fire is  
14 gone. This criteria is a loss of all offsite power and two diesel  
15 generators carrying their buses. Now, we don't have a complete loss  
16 of offsite power, but we believe the -- kind of the intent of that is  
17 to have offsite power available to your vital buses. I think the  
18 strict, literal interpretation of that says that we probably don't  
19 have to be in an NUE right now, and that's what I'm saying.  
20 Management is going to look at that more carefully today.

21 MR. ANDREWS: Okay.

22 MR. LEMKE: But the conservative approach would be so long  
23 as we don't have offsite power to our vital buses, that that probably  
24 warrants staying in an NUE. That's currently -- that's what the  
25 backshift interim site emergency coordinator wanted to do.

26 MR. ANDREWS: Okay.

27 SPEAKER: So the main activity to terminate the unusual event  
28 would be the completion of the backfeed.

29 MR. LEMKE: That is correct, or, unless management decides  
30 that we've met the criteria to terminate prior to that.

31 MR. ANDREWS: Okay.

1 MR. LEMKE: If that's all, I'm going off line again for a  
2 little bit, okay?

3 MR. ANDREWS: Okay; anything else for Mark?

4 SPEAKER: No.

5 MR. ANDREWS: Okay; thank you, Mark.

6 MR. LEMKE: Okay.

7 [Pause.]

8 **DISK ID:A-00005, TAG ID:0000048755**

9 MR. PROULX: Hello; Linda, are you still in the IRC?

10 MR. ANDREWS: Dave? Region IV is here.

11 MR. PROULX: Yes; I was offline reviewing the PN with Greg,  
12 and I have a few comments, and he's typing them up, and he's going to  
13 fax it to me, and I'm going to review it again.

14 MR. ANDREWS: Okay; good.

15 MR. PROULX: Are you all that's there, Tom?

16 MR. ANDREWS: Repeat?

17 MR. PROULX: Are you the only one there in the room now?

18 MR. ANDREWS: No, there's four of us here.

19 MS. SMITH: I'm wondering if you can help me with a  
20 technical thing. When you were talking about describing those holes  
21 in the ductwork, what I was not clear on was sometimes, inside of  
22 that ductwork, they just run bus wires, and sometimes, they run  
23 cable. When you talked about the part that came from the 12 kV  
24 startup transformer, you used the word cable, and I don't think you  
25 were specific about the place that --

26 MR. PROULX: Well, the startup part was not 12 kV. It's a  
27 4160 line. Do you have your drawing in front of you for the  
28 electrical distribution?

29 MS. SMITH: Yes; you're right; 41 -- I'm sorry; I said that  
30 wrong.

31 MR. PROULX: You have your 1-2 startup transformer, and

1 then, you have the transformer; you have a Y-line and an X-line.

2 MS. SMITH: Yes.

3 MR. PROULX: Well, just after the transformer, where --  
4 right about where that X is is where the fault is, where the hole is.

5 MS. SMITH: Is it on the X or is it on the Y-line? It would  
6 have to be the Y-winding, wouldn't it?

7 MR. PROULX: Let's see; the Y looks like all it goes to is  
8 bus E on my drawing.

9 MS. SMITH: Which is the part that's disabled.

10 MR. PROULX: But the X line goes to all of the nonvitals  
11 plus the vitals.

12 MS. SMITH: So the X-winding feeds the vitals?

13 MR. PROULX: Right.

14 MS. SMITH: I see, and a nonvital B.

15 MR. PROULX: Right.

16 MS. SMITH: I'd understood that it was -- what I got from  
17 listening to Mark Lemke earlier --

18 MR. PROULX: But once you open up that breaker, it takes out  
19 both the X and Y-windings, so you lose all of that.

20 MS. SMITH: Right; and so, I understood that VU14 -- 52VU14  
21 was the breaker, the feeder breaker to the startup transformer.

22 MR. PROULX: On the 12 kV side; that is correct.

23 MS. SMITH: And that's the breaker that's open.

24 MR. PROULX: Right, but the damage was on the 4 kV side.

25 MS. SMITH: The cabling was damaged on the downstream of the  
26 startup transformer on the 4 kV side?

27 MR. PROULX: That is correct.

28 MS. SMITH: Okay; and there's two basic parts to the  
29 downstream side. There's the X-winding and the Y-winding.

30 MR. PROULX: Right.

31 MS. SMITH: Were both, was cabling from both windings damaged

1 or just one winding?

2 MR. PROULX: I can only see two in the overhead, and both of  
3 them had big holes in the sides of them -- well, about six-inch holes  
4 in the sides of them.

5 MS. SMITH: So it could have been both the X-winding and the  
6 Y-winding.

7 MR. PROULX: Could have been, yes.

8 MS. SMITH: You don't know that; okay. And then, was it  
9 cabling or was it duct -- you know, like sometimes, they just have  
10 rectangular copper.

11 MR. PROULX: Well, inside of the --

12 MS. SMITH: The square ductwork, yes.

13 MR. PROULX: Inside of the aux transformer, it looked like -  
14 - it looked like just metal, you know.

15 MS. SMITH: Okay.

16 MR. PROULX: But on the startup 4 kV, it looked like cabling  
17 to me.

18 MS. SMITH: Okay; so, it was square bus on the one from the  
19 unit aux, but it looked like it was cabling from the startup  
20 transformer.

21 MR. PROULX: Yes.

22 MS. SMITH: Okay; we were just trying to get our terminology  
23 correct.

24 MR. PROULX: Right.

25 MS. SMITH: When we were talking about it. If you get any  
26 more information about whether the X-winding and the Y-winding were  
27 affected or just one or the other, I'd appreciate it. I'm guessing  
28 it's both, because you said bus D and bus E were out.

29 MR. PROULX: Yes; well, they have to be, because  
30 the --

31 MS. SMITH: The breaker is open.

1 MR. PROULX: Yes, the breaker is open.

2 MS. SMITH: As long as the breaker is open, it's going to  
3 take both out.

4 MR. PROULX: But everything I could see in there had some  
5 damage, so it may well be both.

6 MS. SMITH: Okay; okay; I appreciate that additional  
7 information. Thank you.

8 MR. PROULX: Okay; you're welcome.

9 MS. SMITH: We were talking to the commissioner's tech  
10 assistant, and you know how you don't really realize you understand  
11 something [inaudible] until you repeat it, and then, you realize you  
12 don't really understand all of the way.

13 Are things kind of calming down there?

14 MR. PROULX: Yes; they're still holding at NOP/NOT, because  
15 they're just completing their shift turnovers and all of that kind of  
16 stuff.

17 MS. SMITH: Okay; so, after they finish their shift  
18 turnover, which is about now, they're going to start the cooldown.

19 MR. PROULX: Right.

20 MS. SMITH: And then, they'll probably start the work on the  
21 clearance for putting the backfeed in place.

22 MR. PROULX: Yes.

23 MS. SMITH: Okay; are you going to have an opportunity to  
24 inspect that clearance? Do we have something where we can inspect  
25 clearances? Let's do that. Do you mind, David?

26 MR. PROULX: Pardon me? Say again?

27 MS. SMITH: Well, you know, when they're getting to where  
28 they're setting up their configuration to put the bus links in to  
29 backfeed through the main transformer, about the very worst thing  
30 that could happen would be if somehow they did that clearance wrong.  
31 That would be -- and connected something to something they didn't

1 mean to.

2 MR. PROULX: Right.

3 MS. SMITH: And so, if you could go ahead and do one of your  
4 ESF walkdowns and double-check that clearance for emergent work?

5 SPEAKER: But that's a risk assessment thing.

6 MS. SMITH: Yes; yes; I think maybe the walkdown is what  
7 we're really looking for.

8 MR. PROULX: Okay.

9 MS. SMITH: Okay; so, if you have time, I'd appreciate your  
10 doing that.

11 MR. PROULX: All right.

12 MS. SMITH: Okay; thanks.

13 MR. PROULX: Did Dyle ever get a hold of you?

14 MS. SMITH: [inaudible] I should have briefed you. Yes, he  
15 did get a hold of me, and I told him that you're going to do a  
16 special, but we wouldn't do it until tomorrow, and I did confirm with  
17 Elmo that we would advertise a special really as a three-people  
18 inspection, but your role, you're doing today, and I'm going to  
19 define that in the charter, which should be [inaudible] and make sure  
20 it's kind of narrowly defined that you do this stuff today.

21 MR. PROULX: But I'm doing baseline.

22 MS. SMITH: Huh?

23 MR. PROULX: But I'm doing baseline, then, right?

24 MS. SMITH: After today, you'll do baseline.

25 MR. PROULX: Oh, okay.

26 MS. SMITH: See, you'll still be doing baseline today,  
27 either event response, which would be what you'll be chartered for  
28 most of this, or now, we're starting to talk about taking advantage  
29 of the baseline program for something that should be risk-  
30 significant. Right now, it's very risk-significant if they mess up  
31 that clearance.

1           SPEAKER: Yes; so, right now, you would charge your time --  
2 on your red sheet, where you charge your time to response to a real  
3 event.

4           MS. SMITH: Yes, that would be the first thing you would  
5 have charged it to.

6           MR. PROULX: Oh, okay.

7           MS. SMITH: But what we want to do, overall goal, is make a  
8 coherent, cohesive docketed thing for the public. And so, some of  
9 these things that could have been included in the resident's section  
10 report will probably include them in the special [inaudible] so the  
11 whole story will be in one place. Does that make sense? Did we lose  
12 him?

13          MR. PROULX: Oh, by the way, the licensee is going to be  
14 turning over communicators in a couple of minutes, too.

15          MS. SMITH: Okay.

16          MR. PROULX: A fellow named John Griffin, who is also an  
17 SRO, so it will be someone, you know, knowledgeable about the plant  
18 as well.

19          MS. SMITH: Okay; so, that's good. That's real good.  
20 Thanks for your help.

21          MR. PROULX: All right; I'm going to gather some more  
22 information, and I'll come back online if anything changes, okay?

23          MS. SMITH: Thank you.

24          MR. PROULX: Bye.

25          MS. SMITH: Bye-bye.

26          [Pause.]

27                           **DISK ID:A-00005, TAG ID:0000048761**

28          MR. LEMKE: Lemke back on the line.

29          MR. ANDREWS: Hi, Mark.

30          MR. LEMKE: I just wanted to let you guys know I'm leaving.

31          MR. ANDREWS: Calling it a day?

1 MR. LEMKE: I'm calling it a day. I think I've done all I  
2 can do, but we're going to leave the line open.

3 MR. ANDREWS: Okay.

4 MR. LEMKE: And a guy by the name of John Griffin is going  
5 to be checking in with us every 10 to 15 minutes or so.

6 MR. ANDREWS: Okay; Mark, you've done a good job.

7 MR. LEMKE: Thank you.

8 John is an SRO, so he ought to be able to answer most of the  
9 questions, although, you know, recognize he just got here, and I  
10 tried to bring him up to speed on what's going on.

11 MR. ANDREWS: Okay.

12 MR. LEMKE: Do you have any other quick questions while I'm  
13 here?

14 MR. ANDREWS: I think we've got everything under control  
15 right now.

16 MR. LEMKE: Okay.

17 MR. ANDREWS: We'll let you know that we are in the process  
18 of putting together a preliminary notification.

19 MR. LEMKE: A preliminary notification?

20 MR. ANDREWS: What we refer to as a PN.

21 MR. LEMKE: P-E-N?

22 MR. ANDREWS: No, as a PN, preliminary notification. It's a  
23 document that we have here that we -- when we have a big event, we  
24 write up a description of the event. It gets some distribution  
25 internal and external.

26 MR. LEMKE: Oh, okay.

27 MR. ANDREWS: And I think the process is we would be sharing  
28 this with you for you to look at.

29 MR. LEMKE: Okay.

30 MR. ANDREWS: Make sure it's accurate.

31 MR. LEMKE: Okay.

1 MR. ANDREWS: So I wanted to give you a heads-up on that.

2 MR. LEMKE: Okay; that's good. And again, you've got our  
3 fax number, and John will get that and run it by management.

4 MR. ANDREWS: Right.

5 MR. LEMKE: Okay; well, if there's nothing else, it's been  
6 nice talking with you guys.

7 MR. ANDREWS: All right, Mark; have a good day.

8 MR. LEMKE: Okay; thanks a lot.

9 MR. ANDREWS: Bye.

10 [Pause.]

11 **DISK ID:A-00005, TAG ID:0000048770**

12 MR. PROULX: Hello; this is David Proulx back online.

13 SPEAKER: Hi, Dave.

14 MR. PROULX: Hi; I've got some news that's relatively  
15 significant, I think.

16 SPEAKER: Okay; give us an update.

17 MR. PROULX: Management, when discussing the -- how long it  
18 would take to backfeed was only thinking of normal backfeeding, which  
19 is half an hour to 45 minutes. But the link inside of that aux  
20 transformer that they have to go disconnect requires disassembly to  
21 get into, and in my talks with the equipment operators and confirmed  
22 by the electrical maintenance people, we are talking anywhere from a  
23 shift to 24 hours max to actually get those links out, including the  
24 clearances and everything like that. So we could be sitting in this  
25 NUE up until this time tomorrow.

26 SPEAKER: That's significantly longer than the couple of  
27 hours we were told early on.

28 MR. PROULX: Yes; I think they were just thinking of normal  
29 backfeeding.

30 SPEAKER: Okay; we kind of were thinking it was going to  
31 take longer than we thought.

1 MR. PROULX: Yes.

2 SPEAKER: Although I hadn't heard something up to 24 hours.

3 MS. SMITH: That is [good] news I've heard significantly  
4 [inaudible]; thank you.

5 MR. PROULX: And I just talked to the shift manager a minute  
6 ago, and he said yes; they had to do this during a couple of outages  
7 ago, and he was on shift when they did it then, and it was a good  
8 part of a day to do that so --

9 SPEAKER: Good part of a day; he meant a shift  
10 or --

11 MR. PROULX: More than a shift, yes.

12 MS. SMITH: Well, we wouldn't want them to go back and mess  
13 it up.

14 MR. PROULX: I got Greg's updated PN. Is he in his office,  
15 or is he --

16 SPEAKER: I'm here, David.

17 MR. COLLINS: He's sitting right here.

18 MR. PROULX: One other piece of it; so, this tells us a lot  
19 of things. I don't think there's any way their emergency lights are  
20 going to make it around the clock. That's for one thing.

21 MR. COLLINS: You know, the feedback I got from Mark Lemke  
22 in trying to ask him what their assessment is in that area is that I  
23 don't see them focusing on that. He said it's a low priority.

24 MR. PROULX: I guess they're thinking, well, give everybody  
25 a flashlight. I don't know. In the control room, they were able to  
26 shift the power to Unit II power, so the control room is off  
27 emergency power now.

28 MS. SMITH: Tell me about that again? The control room is  
29 really a joint control room; they were able to tie it all to the Unit  
30 II side?

31 MR. PROULX: Yes; that is correct.

1 MS. SMITH: That's good. And, David, I think this is true,  
2 but I just want to confirm it. This loss of nonvital power did not  
3 affect annunciators. I mean, they always had their annunciators,  
4 right?

5 MR. PROULX: That is correct; they always had the  
6 annunciators.

7 MS. SMITH: Okay.

8 MR. PROULX: They're off of UPS.

9 One thing that you will find that's also -- I'm hearing some  
10 concerns about is that the plant computer is powered off of nonvital  
11 480 that comes off of those buses; you know it's, you know, nonvital  
12 480 comes off the nonvital 4160, and it's UPS-powered, so they've  
13 been running off of batteries for the plant computer, and there's  
14 also a concern there about losing the plant computer during the day  
15 as well.

16 MR. COLLINS: That would affect which units?

17 MR. PROULX: Just Unit I.

18 MR. COLLINS: Just Unit I? How would that affect them  
19 trying to go to cold shutdown?

20 MR. PROULX: You know; they do a lot of their monitoring of  
21 cooldown rate and all that kind of stuff on the plant computer. I  
22 think that they can get there -- it's a little more of a nuisance  
23 than they're normally used to.

24 MR. COLLINS: Have you heard them talk about or is there any  
25 assessment or plans for the emergency lighting questions? I mean,  
26 you said they're just going give them all flashlights. I mean, is  
27 that their plan?

28 MR. PROULX: I have not heard them sit down and say we have  
29 a plan to do anything with the emergency lighting. Maybe we should  
30 up the ante a little bit on them and ask them if they're thinking  
31 about that concisely.

1           SPEAKER: Well, I mean, we've already asked them, I mean,  
2 because we asked those questions to Mark Lemke.

3           MR. PROULX: Well, yes; I think that he was going with the  
4 assumption that backfeeding would be imminent type of thing and not a  
5 long-term.

6           MS. SMITH: And Mark, he's a liaison communicator. He's not  
7 really a decision maker. And you would maybe have an opportunity to  
8 talk some more to a decision maker to ask that question.

9           MR. PROULX: Yes.

10          MR. COLLINS: Well, it sounds like a fair question to ask at  
11 the right time to the right person.

12          MR. PROULX: Right.

13          MS. SMITH: And both the impact on the plant computer and  
14 the emergency lights.

15          MR. PROULX: Yes; Dave Oatley just walked into the control  
16 room. Maybe I can tear him aside for a couple of minutes.

17          MR. COLLINS: Yes; like I say, it's not -- he doesn't have  
18 to do that immediately, but sometime in the relatively near future, I  
19 think it would be important for us to understand that the licensee  
20 has their arms around those issues.

21          MR. PROULX: Yes.

22          MR. COLLINS: Potential issues with the batteries running  
23 out.

24          MR. PROULX: Right.

25          MR. COLLINS: All righty; what else?

26          MR. PROULX: That's all that is new. I need to go over with  
27 Greg -- Greg, do you want me to go offline and call you in your  
28 office to go over the PN?

29          SPEAKER: Actually, I've already shopped it pretty heavily.

30          MR. PROULX: Okay.

31          SPEAKER: So if you have any inaccurate points or factual

1 corrections, we'll probably have to get another version to you,  
2 because I think it's going to read a little bit differently.

3 MR. PROULX: Yes; well, he talks about loss of normal plant  
4 lighting. I think what we wanted to say is loss of lighting for Unit  
5 I.

6 MS. SMITH: But that would be more specific.

7 MR. PROULX: Yes.

8 MS. SMITH: But updated.

9 MR. PROULX: Let's see; where you say the explosion damaged  
10 several other breaker panels in the switch gear room, I would say the  
11 explosion caused minor damage to several other breaker panels in the  
12 switch gear room, because they didn't lose any of that equipment that  
13 sustained any of that damage.

14 SPEAKER: We're not going to say explosion.

15 MR. PROULX: Oh, okay.

16 SPEAKER: Fire or fault or something.

17 MR. ANDREWS: The event resulted in -- I mean --

18 SPEAKER: Heretofore only loosely-characterized events.

19 MR. PROULX: Okay.

20 [Laughter.]

21 MR. PROULX: That's fair.

22 SPEAKER: Yes; we're reworking the PN right now. Any other  
23 factual corrections?

24 MR. PROULX: No.

25 SPEAKER: Okay.

26 MS. SMITH: We appreciate that input.

27 MR. PROULX: All right; well, I'll try to gather more  
28 information, and then, I'll feed you whatever I can get, okay?

29 SPEAKER: Thanks a lot.

30 MS. SMITH: You're a big help to us.

31 SPEAKER: You're doing just what you need to do.

1 MR. PROULX: Okay.

2 SPEAKER: Make sure the plant is looking stable and safe and  
3 alert us immediately if any other equipment goes south or haywire.

4 MR. PROULX: Will do, okay?

5 SPEAKER: All right.

6 MR. PROULX: Bye.

7 [Pause.]

8 **DISK ID:A-00005, TAG ID:0000048788**

9 MR. ANDREWS: Diablo Canyon, are you on the line? Diablo  
10 Canyon, are you on the line?

11 [No response.]

12 [Pause.]

13 **DISK ID:A-00005, TAG ID:0000048789**

14 MR. ANDREWS: Diablo Canyon? Dave?

15 [No response.]

16 [Pause.]

17 **DISK ID:A-00005, TAG ID:0000048790**

18 MR. ANDREWS: Dave? Diablo Canyon? Is somebody on the  
19 line?

20 [No response.]

21 [Pause.]

22 **DISK ID:A-00005, TAG ID:0000048791**

23 MR. GRIFFIN: Hello?

24 MR. ANDREWS: Is Dave or Diablo Canyon on the line?

25 MR. GRIFFIN: Yes; this is John Griffin, Unit I, Diablo  
26 Canyon. I just wanted to let you know the line is still open, and I  
27 relieved the fellow that was previously communicating with you.

28 MR. ANDREWS: Well, we've got a couple of questions for you.

29 MR. GRIFFIN: You bet.

30 MS. SMITH: Hi, John; this is Linda Smith.

31 MR. GRIFFIN: I'm sorry; I can't quite hear you.

1 MS. SMITH: Pardon? My name is Linda Smith.

2 MR. GRIFFIN: Linda Smith?

3 MS. SMITH: Yes.

4 MR. GRIFFIN: Yes, Linda?

5 MS. SMITH: Hi; we were just talking with someone who had  
6 participated in following up on the event last time when you actually  
7 had a transformer explosion, and hold just a minute.

8 [Pause.]

9 MS. SMITH: John, what they mentioned was that last time  
10 there was a problem with the spent fuel cooling and the diesel cycled  
11 onto the buses, there was not an automatic restart of the spent fuel  
12 pool pump, and it wasn't noticed for some time because there's not  
13 any control room indication of the spent --

14 MR. GRIFFIN: Right; it doesn't automatically restart. I  
15 know what you're talking about, Linda.

16 MS. SMITH: Right; have you all had an opportunity to  
17 confirm that the spent fuel pool pumps [inaudible] are still in the  
18 right configuration?

19 MR. GRIFFIN: So, Linda, I'm not hearing you very well. I  
20 don't know if that's because you're not speaking up, or because it's  
21 kind of noisy in here. But you're asking me to verify that we have  
22 spent fuel cooling on Unit I?

23 MS. SMITH: Yes, please.

24 MR. GRIFFIN: I'll do that for you right now.

25 MR. ANDREWS: One other question for you, John. John?

26 [No response.]

27 [Pause.]

28 MR. GRIFFIN: Linda?

29 MR. ANDREWS: Okay.

30 MR. GRIFFIN: This is John again. I just talked to the Unit  
31 I shift foreman, and he said good question, and you're right: early

1 on, based on previous experience, we understood that and got it  
2 restarted quite early on.

3 MS. SMITH: Okay; thanks very much for checking that.

4 MR. GRIFFIN: Okay.

5 MR. ANDREWS: John, there's another thing that we need you  
6 to find out about.

7 MR. GRIFFIN: Sure.

8 MR. ANDREWS: What is the power source for your phone  
9 system?

10 MR. GRIFFIN: Power source for the phone system? Boy! I'm  
11 pretty sure that's our underground loop coming off offsite power on  
12 either unit, but I'll get that specifically for you. We don't have  
13 any problems with offsite phones right now, but I'll get you  
14 specifically what the power supply is.

15 MR. ANDREWS: I was concerned that you might be on batteries  
16 or uninterruptible power supply.

17 MR. GRIFFIN: I don't believe that's the case, but I will  
18 find out for you.

19 MR. ANDREWS: Okay.

20 MR. GRIFFIN: Is there anything else I can get you at the  
21 same time?

22 MR. ANDREWS: No, that's all we need.

23 MR. GRIFFIN: Okay; just one second.

24 MR. ANDREWS: Okay.

25 [Pause.]

26 **DISK ID:A-00005, TAG ID:0000048793**

27 MR. GRIFFIN: I'm still here. I'm just trying to get a hold  
28 of a telephone communications [inaudible] guy to get the answer to  
29 your question.

30 MR. ANDREWS: Okay; thank you.

31 MR. GRIFFIN: I'll be right back with you.

1 [Pause.]

2 DISK ID:A-00005, TAG ID:0000048824

3 MR. GRIFFIN: Hello?

4 MR. ANDREWS: NRC Region IV on the line.

5 MR. GRIFFIN: Yes; this is John Griffin at Diablo Unit I  
6 again just checking back in with you. You had an open question for  
7 me regarding power supply to our offsite communications. And I've  
8 done everything I could to verify that power supply, and I'm almost  
9 100 percent sure it's a vital power supply that can actually be  
10 switched between units and that it's not on battery power. I've  
11 verified that with a couple of people, but I still haven't gotten a  
12 phone call back from our telephone communications people yet, but I  
13 feel pretty certain that it's all vital power, and we're not bleeding  
14 down some kind of battery to keep the phone system operating.

15 MR. ANDREWS: Okay; thank you.

16 MR. GRIFFIN: You're welcome. Is there any other questions  
17 I can help you with right now?

18 MR. ANDREWS: Not at this time.

19 MR. GRIFFIN: Okay; the only other thing I would tell you  
20 for your information is I've just watched the Unit I shift foreman  
21 conduct his tail board, and they're about to start the plant cooldown  
22 on Unit I.

23 MR. ANDREWS: Okay.

24 SPEAKER: Just for info, any progress on the clearances and  
25 the backfeeding evolution?

26 MR. GRIFFIN: I'm not sure of what the status of that is,  
27 but I would expect -- I haven't seen a clearance come up yet, so I  
28 would expect that it's going to be, you know, anywhere from, you  
29 know, 4 to 8 hours before we get off the diesels, and I have not seen  
30 the clearance come into the control room yet.

31 MR. COLLINS: Okay.

1 MR. GRIFFIN: Next time I pick up the phone, though, I'll  
2 see if I can have a status on that.

3 MR. COLLINS: Or at least a prognosis.

4 MR. GRIFFIN: You bet.

5 MS. SMITH: Thank you.

6 MR. ANDREWS: Thank you so much.

7 MR. GRIFFIN: All right.

8 [Pause.]

9 **DISK ID:A-00005, TAG ID:0000048832**

10 MR. PROULX: This is Dave Proulx. I'm back online.

11 MR. ANDREWS: Hello, Dave. Region IV is on the line.

12 MR. PROULX: The licensee just made an announcement that  
13 they now have just commenced cooldown as of 0900.

14 MR. ANDREWS: Okay; cooldown commenced 0900.

15 MR. PROULX: Yes; I spoke with Dave Oatley, and I was in a  
16 meeting with him, and they went over what their priorities were for  
17 restoring battery powered items that are off the nonvital, and  
18 they're still -- they're still debating it a little bit, because Dave  
19 Oatley, the plant manager, thought that some of the priorities might  
20 not have been right, so they might reprioritize on that.

21 What I'm still hearing for battery-operated lights is, you  
22 know, the emergency lighting is people with flashlights, so we'll see  
23 where they're going to go with that.

24 [Pause.]

25 **DISK ID:A-00005, TAG ID:0000048857**

26 MR. GRIFFIN: Hello?

27 MR. ANDREWS: NRC Region IV here.

28 MR. GRIFFIN: Yes, Region IV, this is John Griffin again,  
29 just -- I've been trying to check in with you guys about every 15  
30 minutes. If I'm doing it too often, just let me know.

31 MR. ANDREWS: Not a problem.

1 MR. GRIFFIN: You asked the last time I talked to you about  
2 the status of the clearance for being able to backfeed.

3 MR. ANDREWS: Yes.

4 MR. GRIFFIN: And the clearance is being hung as we speak,  
5 and I think it will be complete about 1100, the actual clearance.  
6 And then, after that, there will be some more work that has to be  
7 done to actually physically remove the aux transformer from service.  
8 But the clearance is actually being hung as we speak.

9 MR. ANDREWS: Okay; is the -- is David around, the resident  
10 inspector?

11 MR. GRIFFIN: I'm looking around; do I see him? I don't see  
12 him in the control room right now.

13 MR. ANDREWS: Okay; thank you.

14 MR. GRIFFIN: And did I tell you that we commenced the plant  
15 cooldown at 0858?

16 MR. ANDREWS: Yes, you did.

17 MR. GRIFFIN: Okay; good; anything else you need from me?

18 MR. ANDREWS: Not at this time.

19 MR. GRIFFIN: Okay, guys.

20 MR. ANDREWS: Thanks, John.

21 MR. GRIFFIN: You're welcome.

22 [Pause.]

23 MR. PROULX: Hi, this is David Proulx. I'm coming back on  
24 line.

25 MR. ANDREWS: Yes, Dave.

26 MS. SMITH: Hi, David; this is Linda.

27 MR. PROULX: Hi.

28 MS. SMITH: We're about through with this PN which we need  
29 to get you to talk to the licensee about.

30 MR. PROULX: I have given it to Dave Oatley, and he's  
31 looking at it as we speak.

1 MS. SMITH: Okay; we edited some of it. Greg may not have  
2 given you the very latest version.

3 MR. PROULX: I've got one that says -- mine says 11:01 on  
4 it.

5 MS. SMITH: We're not making anything substantive at this  
6 point. We've moved a couple of sentences around and talking about  
7 that last part about the NRC response that Dave wouldn't really talk  
8 - speak to.

9 MR. PROULX: Yes.

10 MS. SMITH: We think if he's happy with the version Greg  
11 sent you; it won't change what we've written.

12 MR. PROULX: The shift manager looked at it briefly and said  
13 that he didn't have any problems with it, but Dave Oatley said he  
14 personally wanted to look at it, so I said okay.

15 MS. SMITH: Yes; I was just trying to think whether or not  
16 these changes were enough to make Dave need to look at a second  
17 version. I don't think they are. It's all -- I'm showing Elmo --  
18 it's all on what we do or else it's moving that one sentence to the  
19 end of a paragraph and shortening the title. None of those things  
20 should cause Dave Oatley to rethink what he's doing; yes, that's  
21 great.

22 MR. COLLINS: Well, if none of them cause him to try to  
23 correct it, he might be interested to know we're planning to perform  
24 a special inspection.

25 MS. SMITH: Yes; we added the part that we're going to  
26 perform a special inspection on there.

27 MR. PROULX: So that decision has been made now?

28 MR. COLLINS: Yes.

29 MS. SMITH: Yes.

30 MR. PROULX: Oh, okay, okay.

31 MR. COLLINS: And, Dave, we've got a conditional core damage

1 probability of 8.8E-5. Phil Jones discussed that with someone from  
2 the licensee.

3 MS. SMITH: Using their model.

4 MR. COLLINS: And using their model, that's the estimated  
5 CCDP, and that puts us easily in a --

6 MR. PROULX: Easily in the white range, huh?

7 MR. COLLINS: Well, no, no, no, don't think of it in terms  
8 of colors.

9 MR. PROULX: Okay; easily in the --

10 MR. COLLINS: This is a conditional core damage probability.

11 MR. PROULX: Oh, right, right, right, right.

12 MR. COLLINS: There are some guidelines in Directive 8.3  
13 about special inspections and AITs and that sort of stuff.

14 MR. PROULX: And the AIT threshold is what? E-4 type thing?

15 MR. ANDREWS: Region IV was notified about --

16 MR. COLLINS: Dave?

17 MR. ANDREWS: -- 4:15.

18 SPEAKER: We don't know the exact time.

19 MR. ANDREWS: That's not important to put in there.

20 [Pause.]

21 MR. COLLINS: Dave, the bands actually overlap.

22 MR. PROULX: Oh, okay.

23 MR. COLLINS: We show the inspection band runs from 10 to the  
24 minus 6 to 10 to the minus 4. You still there, Dave?

25 MR. PROULX: Yes; it sounds like there's a lot of

26 **DISK ID:A-00005, TAG ID:0000048858**

27 discretion in there too, huh?

28 MR. COLLINS: Yes, yes, and the AIT band runs from about 10-  
29 5 to 10-3.

30 MR. PROULX: Mm-hmm.

31 MR. COLLINS: So I told Ken that as long as we stayed below

1 10-4 CCDP, I would not recommend going above special inspection. So  
2 even though by some measure, we are in the feasible AIT range, I  
3 don't think we're inclined to make this an AIT, and that's largely  
4 due to -- the problems are all associated with offsite power. Stuff  
5 that's onsite that's safety-related seems to be functioning as we  
6 expect.

7 MR. PROULX: Yes; it's just that offsite power here is  
8 pretty significant. But there weren't like multiple unrelated power  
9 failures. And the loss of startup and the aux power were actually a  
10 common mode failure anyway so --

11 MR. COLLINS: But it's offsite power. You lose offsite  
12 power, you lose both of those, right?

13 MR. PROULX: Pardon me?

14 MR. COLLINS: You lose offsite power, you will have lost  
15 both of those anyway.

16 MR. PROULX: Yes, right.

17 MR. COLLINS: So it's basically a loss of offsite power  
18 problem is what we've got. If there is such thing as an  
19 uncomplicated loss of offsite power, I guess this would be it.

20 MR. PROULX: Yes.

21 MR. COLLINS: What I'm saying is it's not complicated  
22 further by other onsite equipment failures.

23 MR. PROULX: That's a true statement.

24 MR. COLLINS: It's complicated enough just having that.

25 MR. PROULX: That's all in our proposed PN that we're going  
26 to stay in the monitoring mode until they come out of the NUE? Is  
27 that a true statement?

28 MR. COLLINS: Say that again, Dave?

29 MR. PROULX: That we're going to stay in the monitoring  
30 phase as normal until they come out of their unusual event?

31 MR. COLLINS: Probably better to say until they restore

1 normal offsite power, because it's safety-related buses.

2 MR. PROULX: Those two items will probably be very  
3 coincident.

4 MR. COLLINS: I expect so; that's probably an and statement.

5 MR. PROULX: Oh, right.

6 MR. COLLINS: Restore power to these buses and secure from  
7 the NUE; does that make sense?

8 MR. PROULX: Yes.

9 MR. COLLINS: Linda was making a comment; I didn't hear her  
10 comment.

11 MS. SMITH: You said it was an uncomplicated loss of offsite  
12 power; that's not really a -- I don't think [inaudible].

13 MR. COLLINS: It's an interesting way to lose offsite power.

14 MR. PROULX: Yes; an uncommon mode failure, especially when  
15 you have separate switchyards for 500 and 230 kV but --

16 MS. SMITH: That 2-1 and 1-2 would have been [inaudible] but  
17 we had redundancy in our normal circuitry but we had a way to jury  
18 rig it, but wouldn't have been available.

19 MR. PROULX: But it was a common mode failure that I would  
20 have never thought of.

21 MR. COLLINS: I was just thinking, Linda, that if we  
22 actually lost offsite power, the plant response would be the same.

23 MS. SMITH: Right.

24 MR. COLLINS: So, even though we got -- if we were sitting  
25 there with truly nothing offsite to supply power to the site that we  
26 would be in the same situation.

27 MS. SMITH: But we would have had -- if we were truly  
28 [inaudible].

29 MR. COLLINS: But the plant response is the same  
30 [inaudible]. You have more options once you get some offsite power  
31 available.

1 MS. SMITH: Right.

2 MR. COLLINS: And so, it's maybe lengthening the time to  
3 restore offsite power. From that point of view, it's been  
4 exacerbated.

5 MS. SMITH: Yes; because [inaudible] that fault has happened  
6 there [inaudible].

7 MR. COLLINS: [inaudible] able to get it back.

8 MS. SMITH: [inaudible] people [inaudible].

9 MR. COLLINS: Yes; but I'm not inclined to go to an AIT. I  
10 mean, what do you think?

11 MS. SMITH: No, I think that we're going to do fine.

12 MR. PROULX: Elmo, question?

13 MR. COLLINS: Yes?

14 MR. PROULX: Go ahead, Linda; I'm sorry.

15 MS. SMITH: [inaudible] no detectable leaks, leaks on the  
16 steam generators; you know, the [inaudible] is pretty much the same  
17 as no leak, but you don't say no leak.

18 MR. COLLINS: But you could say no detectable, I think.

19 MS. SMITH: Yes, and you could say the plant responded  
20 exactly like it would have to a loss of offsite power [inaudible] not  
21 a big deal. So I'm going to take this down, and David, you haven't  
22 heard back from him yet, then, have you?

23 MR. PROULX: Pardon me, Linda?

24 MS. SMITH: About the PN.

25 MR. PROULX: I've got Oatley looking at it.

26 MS. SMITH: Okay.

27 MR. PROULX: They gave me a copy of the press release that  
28 they just issued as well.

29 MR. COLLINS: Did they issue another press release?

30 MR. PROULX: It doesn't say what time they issued it. They  
31 just told me that I probably wanted to see this.

1 MR. COLLINS: Do you have it in your hand?

2 MR. PROULX: I have it in my hand.

3 MR. COLLINS: Well, the last one I saw had a date and time  
4 on it.

5 MR. ANDREWS: It says 3:25 a.m.

6 MR. PROULX: This is the one I got, too, so it's probably  
7 the one you guys got, then.

8 MR. ANDREWS: Okay.

9 MR. COLLINS: 3:25 a.m.?

10 MR. PROULX: Yes.

11 MR. COLLINS: Okay; good.

12 MR. PROULX: What I wanted to ask you about is did the  
13 licensee brief you guys on their battery powered items priority list?

14 MR. COLLINS: No, I don't have a good briefing on that.

15 MR. PROULX: Did they discuss it much at all?

16 MR. COLLINS: No.

17 MR. PROULX: They went over with me the type of things that  
18 they need to take care of. First of all, here's an oolie about this  
19 plant that I didn't know about, so I even know even more now, is that  
20 the 500 and 230 kV switchyard breaker controls are all powered off of  
21 4160 nonvital on Unit I. And that's breaker controls for offsite  
22 power for both units, by the way. But there is a battery backup to  
23 that, and that is the number one priority of getting battery power  
24 back to.

25 MR. COLLINS: Well, I guess so.

26 MR. PROULX: And sorry to say this, but they actually have  
27 practice with this one before, because in 1995, when they blew up  
28 their aux transformer, they were in a very similar situation to this  
29 one, and they were able to stay on the batteries for 500 and 230 kV  
30 switchyard breaker controls for 19 hours, so they know they can go at  
31 least that far, although they've already used up 9 of those.

1           But they've talked to their line folks, who told them that  
2 they can get a temporary generator up there within a couple of hours  
3 should they need to repower and recharge up the batteries up there at  
4 the 500 kV.

5           Their second priority would be for aux feed water, the  
6 chemical addition pumps. They need to maintain steam generator  
7 chemistry.

8           Third is the plant process computer, which is also on UPS  
9 power. One good thing about that is that there is a

10                           **DISK ID:A-00005, TAG ID:0000048861**

11           temporary battery charger that technical maintenance can hook up  
12 which would take them about a couple of hours to do should they need  
13 to do that. They have some sump pumps that are DC in the aux  
14 building, and their DC lube oil pumps for the turbine-turbine gear  
15 are off the batteries that they need to start thinking about, and all  
16 the way at the bottom of the list, number six, is they're thinking  
17 about what they're going to do about battery operated lights or what  
18 we call the emergency lighting.

19           MR. COLLINS: Okay.

20           MR. PROULX: So that's their prioritization on temporary and  
21 backup power.

22           MR. COLLINS: I can't really argue that prioritization too  
23 much.

24           MR. PROULX: Yes; the 500 and 230 kV breaker controls, we  
25 wouldn't want to see them lose that, because that may cause them to  
26 lose the other unit as well so --

27           MR. COLLINS: That would really -- offsite power gone.

28           MR. PROULX: Yes; so that wouldn't be too cool. So they've  
29 got their plans together on how they're going to handle that, so I'm  
30 in much more of a comfort zone that I was an hour ago on that issue  
31 so -- for what that's worth.

1 MR. COLLINS: Okay; what else, Dave?

2 MR. PROULX: We're cooling down, of course, and we're at  
3 about 450 right now. What they're planning on doing is when they get  
4 to 380 is to stop for a chemistry hold, to do a bunch of sampling and  
5 all that kind of thing. They at least need to get below 390, because  
6 that's what their annunciator response procedure on high temperature  
7 in the reactor cavity area is, to get to shut down and cool down  
8 below 390 as soon as you can essentially is what the ARP says.

9 So, they're going to get down to 380 and then stop and do a  
10 chemistry hold, take some samples, and then move from there. That's  
11 their current plan.

12 MR. COLLINS: Okay.

13 MR. PROULX: And though it probably doesn't matter at this  
14 juncture for your information, at Oatley's meeting at 8:30, they said  
15 a week outage is probably optimistic.

16 [Laughter.]

17 MR. PROULX: We already have digital pictures that they  
18 provided me with. I don't think it would do any good for me to fax  
19 them, but --

20 MR. ANDREWS: Can you email them?

21 MR. PROULX: Pardon me?

22 MR. ANDREWS: Can you email them?

23 MR. PROULX: Can they email them? I think they probably  
24 could. I could ask reg services.

25 MR. ANDREWS: Mail them to tha@nrc.gov.

26 MR. PROULX: T-H-A, h as in hotel?

27 MR. ANDREWS: No, Tom as in tango or t as in tango; h as in  
28 hotel; a as in alpha.

29 MR. PROULX: Tango-hotel-alpha; okay; @nrc.gov?

30 MR. ANDREWS: Yes.

31 MR. PROULX: Okay.

1 MR. COLLINS: What else, Dave? We just got a piece of data  
2 from John Griffin that they were in the process of hanging the  
3 clearance.

4 MR. PROULX: Yes, and I saw the stack of tags was about  
5 three inches thick, so it's not an easy critter to do obviously.

6 MR. COLLINS: Thought they would have it hung by 11:00  
7 Pacific time.

8 MR. PROULX: It's not just opening breakers and hanging  
9 tags. They have to install several ground buggies as well, which, in  
10 itself, is something that they need to do very carefully here so --

11 MR. COLLINS: They should follow their procedure.

12 MR. PROULX: Yes, and that takes time as well.

13 MR. COLLINS: Don't need any ground buggy accidents there.

14 MR. PROULX: Right.

15 MR. COLLINS: Let's see; what else?

16 [Pause.]

17 MR. COLLINS: They apparently don't think their telephones  
18 are on battery power.

19 MR. PROULX: I don't know that.

20 MR. COLLINS: We asked them, and they said they didn't think  
21 so, though they stopped short of saying definitively that was the  
22 case.

23 MR. PROULX: Okay.

24 MR. COLLINS: Okay.

25 MR. PROULX: I don't know how much -- how much time this  
26 cordless phone has on it. Would you guys be amenable to me hanging  
27 it up and charging it a little?

28 MR. COLLINS: Yes.

29 MR. PROULX: Would you rather I just had the open line?

30 MR. COLLINS: You won't have any trouble getting back to us;  
31 you shouldn't.

1 MR. ANDREWS: It's a good phone system.  
2 MR. COLLINS: So let's just set a time here for you to come  
3 back up and give us an update.  
4 MR. PROULX: Okay.  
5 MR. COLLINS: Let's say about 10:30 your time.  
6 MR. PROULX: 10:30 my time or if plant conditions change.  
7 MR. COLLINS: Right.  
8 MR. PROULX: Okay.  
9 MR. COLLINS: All right; thanks.  
10 MR. PROULX: Okay; bye.  
11 MR. COLLINS: Bye.  
12 [Pause.]  
13 **DISK ID:A-00005, TAG ID:0000048885**  
14 MR. GRIFFIN: This is John Griffin on Diablo Canyon Unit I.  
15 MR. COLLINS: This is Region IV. Hi, John. How are you  
16 doing?  
17 MR. GRIFFIN: Fine.  
18 MR. COLLINS: Okay; any update?  
19 MR. GRIFFIN: I had a request from Regulatory Services. I  
20 guess a fellow on your end by the name of Greg Pick had written up a  
21 press release and had asked for our comments on the press release.  
22 MR. COLLINS: It's a preliminary -- we call it a preliminary  
23 notification. It's actually an internal NRC station document but  
24 which very quickly becomes available to the public so --  
25 MR. GRIFFIN: I understand; that's actually probably the way  
26 he characterized it to me.  
27 MS. SMITH: We try to make sure it's accurate.  
28 MR. COLLINS: We were looking for your comments.  
29 MR. GRIFFIN: I think the only comment that the plant had,  
30 and it was reviewed by the plant manager, and I'm not sure if he got  
31 this directly to Greg or not, was a clarification that there was

1 absolutely no consequences to the public with regard to the current  
2 situation.

3 MR. COLLINS: I'm trying to think of what language we used.  
4 What did we say, Linda?

5 MS. SMITH: I don't know if we can add that paragraph.

6 MR. COLLINS: We added that, though.

7 MR. GRIFFIN: That probably was the comment that you added  
8 for us.

9 MR. COLLINS: We actually reiterated verbatim what was in  
10 our press release.

11 MS. SMITH: Yes; it would have no effect on [inaudible].

12 MR. COLLINS: Hang on here; we're checking.

13 MR. GRIFFIN: You bet; thank you.

14 MR. COLLINS: It said no impacts on --

15 MS. SMITH: To public health or safety are anticipated.

16 MR. COLLINS: That's what we said.

17 MR. GRIFFIN: And that's great.

18 MR. COLLINS: Do you think we should say something other  
19 than that?

20 MR. GRIFFIN: No; that's exactly what we were looking for.  
21 I didn't know that, that maybe it wasn't clear to me that it said  
22 that.

23 MR. COLLINS: It may not have been in the -- this thing has  
24 been morphing so --

25 MR. GRIFFIN: I understand.

26 MR. COLLINS: -- we probably added that in there.

27 MR. GRIFFIN: Other than that, we thought the information  
28 was accurate.

29 MR. COLLINS: Okay; good. Thank you very much.

30 MR. GRIFFIN: You're welcome.

31 MR. COLLINS: Any other updates on the couple things -- I

1 mean, the key activities as I see it, John, are the -- obviously, the  
2 backfeeding --

3 MR. GRIFFIN: Yes.

4 MR. COLLINS: -- and I guess I'm expecting probably at least  
5 four more hours on that, probably six.

6 MR. GRIFFIN: Before we're backfeeding?

7 MR. COLLINS: Yes.

8 MR. GRIFFIN: That is correct; I would say that's a good  
9 approximation.

10 MR. COLLINS: And then beyond that, then, the cooldown which  
11 is in progress. I understand you're going to stop at 380 degrees for  
12 chemistry.

13 MR. GRIFFIN: That is correct.

14 MR. COLLINS: And beyond that just getting some sort of  
15 temporary generator for the control power for the offsite 500 kV and  
16 230 kV breakers.

17 MR. GRIFFIN: That is correct; for both units, it turns out  
18 that our control power for the switchyards comes off nonvital 4 kV on  
19 Unit I, so we're attempting to do exactly what you just described.

20 MR. COLLINS: What's the prognosis on that temporary  
21 generator? How long is it going to take you?

22 MR. GRIFFIN: I heard someone just say approximately six  
23 hours.

24 MS. SMITH: John, this is Linda Smith. I have one question  
25 related to that.

26 MR. GRIFFIN: Yes, Linda.

27 MS. SMITH: On the design for your control power, is it such  
28 that it normally comes off of a potential transformer and is normally  
29 supplied that way, and the battery is just some sort of backup, or is  
30 the battery the only way that you get power?

31 MR. GRIFFIN: It's normally off a transformer that comes off

1 nonvital 480 volt power -- actually, yes, nonvital 480 volt power,  
2 and the only backup is battery power. Is that the question you're  
3 asking me?

4 MS. SMITH: But that 480 power is missing, and that's why  
5 this is important.

6 MR. GRIFFIN: You're exactly right. That 480 power is what  
7 comes off 4 kV, and the 4 kV is missing.

8 MR. COLLINS: And that's Unit I 4 kV.

9 MR. GRIFFIN: That's Unit I, and it supplies the switchyard  
10 breakers associated with both units' offsite power.

11 MS. SMITH: Well, how long will you have confidence that  
12 Unit II breaker would change position if you were called upon to do  
13 so?

14 MR. GRIFFIN: Could you say that again, Linda, please?

15 MR. COLLINS: How long do you think the batteries are going  
16 to last and be reliable?

17 MS. SMITH: For the breakers.

18 MR. GRIFFIN: The experience that we have based on our  
19 previous electrical problems that I heard the guys discussing was  
20 that we've once been on this battery for 19 hours, and it sustained  
21 us. And we didn't lose it at that point; it's just that we got power  
22 back at that point, but that the battery allowed us to keep control  
23 power for 19 hours during a previous plant problem. So I think we've  
24 been on this -- what time is it now?

25 MR. COLLINS: 10:20, PDT.

26 MR. GRIFFIN: So we've been on this now for about 9 hours.

27 MS. SMITH: Yes.

28 MR. GRIFFIN: So based on previous experience, we were on it  
29 for 19 hours was the number I heard the shift foreman brief the  
30 control room on.

31 MS. SMITH: Your name's John, right?

1 MR. GRIFFIN: Yes, this is John.

2 MS. SMITH: Hi, John; this is Linda.

3 MR. GRIFFIN: Hi, Linda. I can hear you better now.

4 MS. SMITH: Can you hear me better?

5 MR. GRIFFIN: Yes; much better.

6 MS. SMITH: Okay; shouting from across the room is not the  
7 best way.

8 I think that it's really good that you got keyed on this as  
9 your top priority, but what I guess I find myself wondering is if you  
10 got into a situation where you needed to transfer to the diesel  
11 generators or to do a fast  
12 transfer --

13 MR. GRIFFIN: Of the breakers?

14 MS. SMITH: Yes, with the breakers like what happened on  
15 Unit I, it would take a lot of current. I'm not clear -- it seems  
16 like it might take a lot of current all at once. You know, when they  
17 usually do battery sizing --

18 MR. GRIFFIN: Yes.

19 MS. SMITH: -- for sequencing of events --

20 MR. GRIFFIN: Yes.

21 MS. SMITH: -- every time a breaker goes, you know, that  
22 takes so many amps.

23 MR. GRIFFIN: Absolutely.

24 MS. SMITH: And so, even though you might be able to  
25 maintain a certain voltage for 19 hours --

26 MR. GRIFFIN: I understand your question, Linda.

27 MS. SMITH: Yes; is that the same thing as knowing that you  
28 would be able to capably respond?

29 MR. GRIFFIN: And I cannot adequately answer that question.  
30 I think it's a good one, and I will see what I can do to answer that,  
31 how that would limit us as far as future capability.

1 MS. SMITH: Right; and particularly on the at-power unit.

2 MR. GRIFFIN: Right; I understand the question.

3 MS. SMITH: Okay; thank you, John.

4 MR. GRIFFIN: Okay, Linda, anything else?

5 MS. SMITH: No, not at this time.

6 MR. GRIFFIN: Okay, guys.

7 MR. COLLINS: Anything else for us, John? Okay; bye.

8 [Pause.]

9 **DISK ID:A-00005, TAG ID:0000048892**

10 MR. PROULX: Hello; this is David Proulx speaking. Am I on  
11 the bridge?

12 MR. COLLINS: Yes, you are, David.

13 MR. PROULX: Hi.

14 MR. COLLINS: What's the update?

15 MR. PROULX: Well, first of all, I discussed the PN with  
16 Oatley and Rueger, Rueger being Oatley's senior VP boss, and the one  
17 thing in our PN they're not enamored with is our statement saying  
18 that no effect to the public health and safety is anticipated. They  
19 think that the way that that's written is kind of hedging a little  
20 bit.

21 MR. COLLINS: Well, that's exactly what's in our press  
22 release.

23 MR. PROULX: Oh, is it?

24 MR. COLLINS: Yes; bet that's a quote right out of the press  
25 release.

26 MR. PROULX: Let's see; I have our press release right here  
27 too.

28 MR. COLLINS: So, I mean, that's a pretty strong statement.  
29 I'm not sure what else we would say.

30 MR. PROULX: Well, they don't like the word anticipated.  
31 They want it to say there will be no impacts to the health and

1 safety. That's just from Rueger, but that's their comment and  
2 otherwise --

3 MR. COLLINS: Well, we'll double-check it, but I'm pretty  
4 sure we took that right out of our press release.

5 MR. PROULX: I'm looking at the press release. It has those  
6 exact same words.

7 MR. COLLINS: I'm going to keep those words. That's a  
8 pretty strong statement, I mean.

9 MR. PROULX: One other thing that Rueger told me is they  
10 have been contacted by not only their local TV and radio stations;  
11 they are also getting contacts from national media as well.

12 MS. SMITH: We've heard from CNN.

13 MR. COLLINS: We've already been on CNN.

14 MR. PROULX: Oh, have you?

15 MR. COLLINS: Oh, yes.

16 MR. PROULX: Oh, okay, so I'm just behind it.

17 Some of the people in the control room now say that they  
18 heard about the event on their way to work on the radio so --

19 MR. COLLINS: Well, good; we're getting the word out.  
20 That's what we should be doing.

21 MR. PROULX: So the word is out there, and, you know, I was  
22 just checking to see if you knew that they were getting some national  
23 media attention.

24 The cooldown is going slowly. They're trying to keep it at  
25 no more than 50 degrees an hour, which is, you know, well below the  
26 100 in their tech specs. They looked at all of their potential loads  
27 and things, and they are keeping the same priorities, and one of the  
28 things they looked up was that the plant process computer battery has  
29 a total of 16 hours of duty associated with it, and right now, we're  
30 10 hours into the event, so they're starting to get together a plan  
31 on solving the temporary power on that.

1 MR. COLLINS: They're talking about a temporary battery  
2 charger is what you said before.

3 MR. PROULX: Yes, yes.

4 MR. COLLINS: Any prognosis on the length of time that's  
5 going to take?

6 MR. PROULX: Well, the concern that they have, of course, is  
7 that this whole thing is already in an abnormal procedure, but  
8 they've never done it before so --

9 MR. COLLINS: What happens to us if they lose the process  
10 computer?

11 MR. PROULX: Well, if they lose the process computer,  
12 they're just going to have to go straight off of their instruments  
13 and log all their trends and things like that manually. In addition,  
14 they won't have the annunciators right in front of them on the  
15 computers in front of them.

16 MR. COLLINS: What about SPDS? Do they lose SPDS?

17 MR. PROULX: I don't know; I'll ask that question, but I  
18 don't think the PPC and SPDS are on the same thing.

19 One other thing that they're looking at is that they've got  
20 themselves into a PRA question here is that --

21 MR. COLLINS: Jonesy is right here. I mean, we've got the  
22 guru of --

23 MR. PROULX: What they want to do is swap diesel fuel oil  
24 pumped power supplies from Unit I to Unit II, and when they do that,  
25 they've got to, you know, shut them all off temporarily and then put  
26 them back on on the other unit. And when you're talking about having  
27 all diesel fuel oil inoperable coincident with offsite power for one  
28 unit, that puts it -- their instantaneous CDF through the roof.

29 MR. COLLINS: Why do they want to do that?

30 MR. PROULX: Because they don't want to have anything on  
31 Unit I that they don't have to.

1           But anyways, that doesn't even show up in their PRA model,  
2           so they're going to have to contact Ken Baich's group to do a special  
3           on that for it even to be calculated.

4           MR. COLLINS: Run that by me again. What do they want to  
5           swap? The EDG fuel oil?

6           MR. PROULX: Because they want to get as many things off of  
7           Unit I as possible and have them all controlled by the unit that's  
8           got everything still. And anyways they -- in PRA space, you know,  
9           their procedures say never to go above, you know, 10 to the minus 3  
10          instantaneous CDF type of thing, which is kind of an industry  
11          standard, I guess, and they think that this evolution would probably  
12          do that.

13          SPEAKER: But, Dave, they've got the diesel driven pumps or  
14          the diesel powered pumps still available, right?

15          MR. PROULX: Yes.

16          SPEAKER: Have they run that?

17          MR. PROULX: I don't know; I don't know if that's modeled in  
18          their PRA, though.

19          SPEAKER: I'm not worried about modeling. I don't even  
20          think they've got this one fully modeled either.

21          MR. PROULX: Yes; but the diesel fuel oil pumps are in the  
22          EOS model.

23          SPEAKER: Yes; that just doesn't make sense; I don't know.  
24          They may have a good reason; I don't know.

25          MR. PROULX: If you do the point and click on their thing,  
26          you know, we have a copy of their EOS model in our office. It just  
27          says everything goes red, and it says contact PRA group for special  
28          or some words to that effect. So that's something that's brewing  
29          here also.

30          SPEAKER: Yes.

31          SPEAKER: So they want to move the EDG fuel oil transfer

1 pumps to Unit II.

2 MR. PROULX: Yes; and they've got two diesel fuel oil  
3 transfer pumps for both units for all six diesel generators. So as  
4 you can see, these fuel oil transfer pumps are highly risk-  
5 significant.

6 SPEAKER: Okay.

7 MR. PROULX: So --

8 SPEAKER: They're taking a close look at that, though.

9 MR. PROULX: Yes.

10 MR. COLLINS: And they're motivated because they just don't  
11 want to take a chance on something going snaky and losing that --

12 MR. PROULX: Right.

13 MR. COLLINS: -- on Unit I.

14 MR. PROULX: Yes.

15 MR. COLLINS: Is that what I understand?

16 MR. PROULX: Yes; that's correct.

17 MR. COLLINS: Okay.

18 MR. PROULX: Yes; go ahead.

19 MS. SMITH: Well, do you think that that will be the kind of  
20 circumstance where they might not model human error like they're  
21 supposed to, and they could end up actually causing more harm than be  
22 good?

23 MR. PROULX: Yes; that's a possibility. This is something I  
24 just think we need to get Jonesy talking with or Jeff.

25 SPEAKER: I just can't really comprehend why they'd want to  
26 do that. I don't know. I'll call Baich later on to figure out what  
27 they want to do.

28 MR. PROULX: Yes; they're calling Baich now and --

29 SPEAKER: Okay.

30 MR. PROULX: -- trying to see if --

31 SPEAKER: They've got the two electric, and then, they've

1 got the one diesel.

2 MR. PROULX: Yes, and that diesel one is like temporary; you  
3 know, you've got to hook up some temporary hoses and stuff up to some  
4 connections that are underneath a grating that's folded down, so it's  
5 not just turn on the --

6 MR. COLLINS: Well, I hope they've done that by now.

7 MR. PROULX: Pardon me?

8 MR. COLLINS: I hope they've already done that.

9 MR. PROULX: I haven't heard anybody do anything like that.  
10 I haven't heard them saying they were doing that.

11 MR. COLLINS: It seems to me it would be a prudent action.

12 MR. PROULX: Yes.

13 MR. COLLINS: Because you know you're going to deplete your  
14 tanks before you get to that point based on a 24-hour recovery.

15 MR. PROULX: Right.

16 MR. COLLINS: You might as well put yourself in a position  
17 where you eliminate some of those actions under a load stress.

18 MR. PROULX: Right; and one other thing: they've

19 **DISK ID:A-00005, TAG ID:0000048894**

20 contacted the fuel vendor and made some preliminary talk about just  
21 in case they need to top off their fuel tanks, if this ends up going  
22 longer than they anticipated.

23 SPEAKER: Yes.

24 MR. PROULX: The control room also has an estimated time to  
25 be backfed, and I guess this is probably an estimated time for how  
26 long we're going to be monitoring: about midnight.

27 SPEAKER: I think Elmo's ready to stay up.

28 SPEAKER: The estimates on this are, you know, have been  
29 varying all over the map. John Griffin told me 4 to 6 hours sounded  
30 reasonable to him.

31 MR. PROULX: Okay; I was just given that by the shift

1 manager just now.

2 SPEAKER: Yes; I talked to Baich about a half hour ago, and  
3 he gave me 24 hours.

4 MR. PROULX: Okay.

5 SPEAKER: It sounds like that's [inaudible].

6 MR. PROULX: So we can only sit still, and they've also said  
7 that they've contacted the offsite line folks, and they are providing  
8 a generator for the switchyard for the temporary power up there to  
9 maintain the batteries for breaker controls down here. That will be  
10 a few hours as well, but it will be well within the 19 that they're  
11 assuming maximum.

12 SPEAKER: Okay.

13 MR. PROULX: Although we are already 10 hours into the  
14 event.

15 SPEAKER: Yes.

16 MR. PROULX: Let's see; what else do I have in my notes  
17 here?

18 SPEAKER: I'll talk to Baich here in a little bit just to  
19 understand, and I might ask them about the human actions associated  
20 with that diesel pump.

21 MR. PROULX: Oh; let's see: I talked to Pat Nugent, who is  
22 one of the supervisors in reg services, and he is just about getting  
23 ready, if he hasn't done already, to email Tom Andrews electronic  
24 pictures they've taken of the affected equipment that's been damaged.  
25 I think it gives a pretty good picture. It doesn't give you a full  
26 appreciation of the size of the equipment that's damaged, but it  
27 gives you a good picture of what it looks like type of thing, so, you  
28 know, they might have given me hard copies as well.

29 SPEAKER: Interesting; all right.

30 MR. PROULX: And that's all I have in my notes. Is there  
31 anything that Griffin provided you that I haven't heard yet? He's

1 updating you about what? Every 15 minutes or so?

2 MR. COLLINS: I don't think so.

3 MR. PROULX: Oh; here's something new: they've decided to  
4 control access to the 12 kV switch gear room just to keep people out  
5 of there to the bare minimum of those needing to respond and do  
6 inspections and recover, you know, some of those other panels have  
7 got a lot of, you know, molten material on them and have some damage  
8 to the front of them, and they just don't want them to have to take  
9 the possibility of something going wrong with those panels as well  
10 with lots of people in there, so they've got security checking to see  
11 if anybody going in there is on the authorized you can go in there  
12 list, which my name is on, by the way.

13 MR. COLLINS: Hey, Dave, is there any more insight to the  
14 cause of this, or do we have any idea what component looked like it  
15 was the first to fail?

16 MR. PROULX: No, but one of the things that they did find  
17 interesting is that apparently, where it blew was right at the Tee --  
18 you know how I described it? It was the place it was Teeing off  
19 between the two buses. And that looks like right, you know, right  
20 where the center of the, you know, explosion occurred. So it could  
21 have been some sort of problem at the Tee there.

22 MR. COLLINS: Is that cabling that runs in there?

23 MR. PROULX: On the 12 kV side, no. It's bus bar type of  
24 thing. It's cabling going in the 4160, it's cabling, but in the 12  
25 kV, which was actually where the fault was, it was -- it's bus bar.  
26 You couldn't tell that by looking at it now but --

27 MR. COLLINS: Was there anyone in the room when it went?

28 MR. PROULX: Pardon me?

29 MR. COLLINS: Was there anyone in the room when it went?

30 MR. PROULX: Oh, very good question; no, there wasn't. And  
31 that's something I didn't see in our PN, that there were no injuries,

1 and although I think that that's what was in our -- in our press  
2 release -- yes, there was nobody in the room, although they're  
3 telling us lucky enough, the operators did their tours and taking  
4 logs only 5 minutes before it happened, so they were in the area  
5 shortly before, but lucky enough, there was nobody in there.

6 But there were people in the turbine building that heard it.

7 MR. COLLINS: I guess I'm no bus bar expert, but I don't  
8 know what it makes it fail like this.

9 MR. PROULX: Yes; I --

10 MS. SMITH: Where they turn corners like that, they bolt  
11 them, you know, together, and it's [inaudible] not, you know --  
12 that's not tight enough; that's what they're talking about.

13 [Pause.]

14 MR. PROULX: I'm still here.

15 SPEAKER: Okay; I guess --

16 MR. PROULX: I just got another further update from the  
17 shift manager. The safety was just in the room taking samples, and  
18 they detected trace amounts of PCBs in the air in that 12 kV switch  
19 gear room, and now, they're requiring respirators to go in -- not  
20 SCBAs, just face respirators, partial face respirators.

21 MS. SMITH: David, do they think the PCBs are coming from  
22 the cable insulation in that other cabling part, or are they coming  
23 from the transformers? A lot of transformers got PCBs in them.

24 MR. PROULX: Well, the transformers are outside, so I don't  
25 know.

26 MR. ANDREWS: What [inaudible] units may have cooling pins  
27 on them that still have PCB oils.

28 MR. PROULX: That may just be a precaution, but it will  
29 control us from going in. But normally, you would associate PCBs  
30 with a transformer, wouldn't you?

31 SPEAKER: Transformer oil.

1 MR. PROULX: Yes so --

2 MS. SMITH: But you've got to figure that a transformer that  
3 took a fault like that, you know what I mean, that's hard on the  
4 transformer, that it might have shorted [inaudible]. They always  
5 test them after a fault like that.

6 SPEAKER: What else, Dave?

7 SPEAKER: I think we're back down to -- what's the take it  
8 to the bank number now? 3E-5.

9 [Pause.]

10 **DISK ID:A-00005, TAG ID:0000048899**

11 MR. PROULX: What's the 3E-5? Is that the PRA updated final  
12 numbers, 3E-5?

13 SPEAKER: Yes; I talked to Ken Baich a little while ago. He  
14 gave me a number of 8E-5 earlier based on their new model and  
15 maintenance, and I went through it with what I did, and they looked  
16 at it there. They're inclined to believe that 3E-5 number, which is  
17 a no maintenance [inaudible].

18 MR. PROULX: I guess it's all kind of a -- what's your order  
19 of magnitude answer anyways, right?

20 SPEAKER: That's exactly right; I mean, we're talking the E-  
21 5, and that's not bad. Elmo and I [inaudible] concerned me later.

22 MR. COLLINS: Yes; if the SRA can get me within an order of  
23 magnitude, I'll be happy.

24 SPEAKER: We're there.

25 MR. PROULX: Yes.

26 All right; well, I don't have anything further. Like I said  
27 before, if plant conditions change, or if I come up with some new  
28 significant info --

29 SPEAKER: Is the plan two to update at, what is it -- how  
30 about 11:30 your time?

31 MR. PROULX: Yes; oh, shoot; I've got one other thing. It's

1 not technical or anything, but you might find this significant. As  
2 soon as I hung up the phone last time, I got a call from somebody who  
3 is director of Idaho Power and Light asking for information of the  
4 extent of the damage and how long Diablo anticipated to be down.

5 SPEAKER: Refer those to the licensee.

6 MR. PROULX: I sure did; I gave them Jeff Lewis' phone  
7 number, who is the, you know, PAO here so --

8 SPEAKER: Why are they calling that number?

9 MR. PROULX: It's our resident inspector number printed in  
10 the phone book. Our line here is tied to one of our lines in the  
11 office.

12 SPEAKER: We'll take the chance you need to go offline  
13 again.

14 MR. PROULX: Okay; but just to let you know that the  
15 competition is asking questions already.

16 SPEAKER: They're trying to anticipate the spot price for  
17 electricity.

18 MR. PROULX: Yes.

19 SPEAKER: Okay.

20 MR. PROULX: All right; well, I guess I will be back on at  
21 11:30.

22 SPEAKER: Okay; Dave. Anything else for Dave?

23 MS. SMITH: No; appreciate it.

24 SPEAKER: Bye.

25 MR. PROULX: Bye.

26 [Pause.]

27 MR. GRIFFIN: Hi; this is John Griffin at Diablo Unit I.

28 MR. ANDREWS: Region IV is here.

29 MR. GRIFFIN: Yes; when I talked to you last, Linda had  
30 asked me a question about potential impact of an auto transfer -- I  
31 believe that was her question -- on the operating unit and what

1 effect that would have on DC power availability up in the switchyard.  
2 Am I correct about that, Linda?

3 MS. SMITH: Yes; that was my question.

4 MR. GRIFFIN: Linda, was that the correct question?

5 SPEAKER: Yes, it is.

6 MR. GRIFFIN: Yes; and all of our auto transfer capability  
7 to the breakers that have to actually manipulate during the unit  
8 trip, that DC power is actually internal to the plant's distribution  
9 system, and none of the breakers associated with the offsite power  
10 that we need to supply the buses on an auto transfer actually have to  
11 change position. In other words, the breakers that provide power to  
12 the startup bus are actually already in the position they need to be  
13 in right now.

14 So the buses that actually physically -- excuse me; the  
15 breakers that actually physically open and close to do an auto  
16 transfer, their DC control power is all internal to the plant's  
17 distribution system, not the switchyard. Does that address your  
18 question, Linda?

19 SPEAKER: Yes.

20 MS. SMITH: Yes; I was just thinking about it a little bit.

21 MR. GRIFFIN: Yes.

22 MS. SMITH: I guess, you know, clearly from the plant  
23 design, you're responsible for the part that's onsite, and you're  
24 telling me that part is all going to work.

25 MR. GRIFFIN: Right; the only breakers that -- the breaker --  
26 -- the offsite breaker that's needed to ensure that startup power is  
27 available on the auto transfer, the current condition of that breaker  
28 is closed right now, and all the breakers that actually have to  
29 operate get their DC power from a system internal to the plant.

30 MS. SMITH: Okay; so the only vulnerability would be if  
31 there were some very rare and unusual reason where a second fault or

1 something on the offsite powering --

2 MR. GRIFFIN: I think the concern right now with listening  
3 to the shift foremen briefing their crews is basically that you don't  
4 just have a control power issue for the breakers up on the  
5 switchyard, but there's also relay power associated with the  
6 protection for the switchyards that also comes off batteries, and at  
7 some point, if we don't either restore, you know, normal control  
8 power to the switchyard or get an alternative source, then, if we  
9 lose power to those relays, then, those breakers such as the one that  
10 I told you is normally closed on an auto transfer, that some of those  
11 breakers might open, and that's why they're working pretty hard to  
12 get an alternate source of power up to the switchyard.

13 MS. SMITH: So if you were trying to characterize this in  
14 risk space, it would be fair to say that the risk of a loss of  
15 offsite power on Unit II has increased because of this.

16 MR. GRIFFIN: You know, Linda, I can't hear you; I'm sorry.

17 MS. SMITH: Can you hear me better here?

18 MR. GRIFFIN: Oh, that's great; thank you.

19 MS. SMITH: Okay; I apologize.

20 MR. GRIFFIN: Oh, that's all right.

21 MS. SMITH: So what would be fair to say that I guess that  
22 the risk of having a loss of offsite power on Unit II has increased  
23 because of this new potential failure mechanism. We were trying to  
24 understand what the meaning of it was.

25 MR. GRIFFIN: I'm not sure I understand your question.

26 MS. SMITH: Well, what I heard you say a minute ago was  
27 since we don't have this source of power, control power, to the  
28 offsite breakers, there's a possibility that they would fail and  
29 open.

30 MR. GRIFFIN: We still do have the control power via  
31 batteries.

1 MS. SMITH: Right.

2 MR. GRIFFIN: But at some point, if we don't get an  
3 alternate source to supply the relay protection scheme up there, the  
4 breaker that I was telling you is currently closed ready to supply  
5 power to the buses --

6 MS. SMITH: Right.

7 MR. GRIFFIN: -- might actually open, and then, we wouldn't  
8 have the control power to close it. And then, we'd be in a situation  
9 where we were -- our vital buses were all powered from the diesels.

10 MS. SMITH: Right.

11 MR. GRIFFIN: But then, we would have no -- we would have  
12 zero nonvital power on Unit II.

13 MS. SMITH: Right; okay; I appreciate you checking into  
14 that. Thank you.

15 MR. GRIFFIN: You bet, and I hope that addressed it.

16 SPEAKER: Thank you.

17 MR. GRIFFIN: Okay; thank you.

18 [Pause.]

19 **DISK ID:A-00005, TAG ID:0000048914**

20 MR. GRIFFIN: This is Diablo Canyon Unit I.

21 [Pause.]

22  
23 **DISK ID:A-00005, TAG ID:0000048915**

24 MR. GRIFFIN: This is Diablo Canyon Unit I.

25 SPEAKER: This is Region IV.

26 MR. GRIFFIN: Hi; just checking in with you guys again.

27 MR. COLLINS: This is John?

28 MR. GRIFFIN: Yes, it is.

29 MR. COLLINS: Any new information?

30 MR. GRIFFIN: No; just cooldown is continuing. RCS  
31 temperature is approximately 480 degrees.

1 MR. COLLINS: 480? Okay. Anything else?

2 MR. GRIFFIN: That's it.

3 MR. COLLINS: Do you have -- I've heard some widely varying  
4 estimates on how long it's going to take to backfeed. Is it really  
5 something like 4 to 24 hours?

6 MR. GRIFFIN: I don't think so; the clearance that started  
7 about 9:00; I understood that it would be completed by about 11:00.  
8 I understood that the work to get the aux transformer actually  
9 unlinked, so to speak, would take up to three or four hours. So I  
10 was hearing -- and this was at around 10:00 -- that sometime late  
11 this afternoon around 4:00 or 5:00, we might be backfeeding.

12 MR. COLLINS: Okay.

13 MR. GRIFFIN: That's the number I heard.

14 SPEAKER: Okay; that's fair. I appreciate your assessment.

15 MR. GRIFFIN: If I hear different in between now and the  
16 next time I talk to you, I'll make sure I let you know.

17 MR. COLLINS: I appreciate that assessment, John.

18 MR. GRIFFIN: You bet.

19 MR. COLLINS: Okay.

20 MR. GRIFFIN: Talk to you soon.

21 MR. COLLINS: Thank you.

22 MR. GRIFFIN: You're welcome.

23 [Pause.]

24 **DISK ID:A-00005, TAG ID:0000048919**

25 MR. OATLEY: Hi; this is Dave Oatley; anybody there?

26 MR. COLLINS: Dave, this is Elmo Collins.

27 MR. OATLEY: Hi; how are you doing?

28 MR. COLLINS: Good; how are you today? Linda Smith is also  
29 here.

30 MR. OATLEY: We're getting a lot of media interest, and the  
31 State Office of Emergency Services have called regarding the press

1 release for the NRC regarding the steam could contain radioactivity.

2 MR. COLLINS: Okay.

3 MR. OATLEY: Just for your information. We're working with  
4 the local media, the local government officials and the OES to  
5 explain that while you can calculate that there are atoms of  
6 radioactivity, our radiation detectors do not detect any, and our  
7 steam generator blowdown samples do not show any, with the exception  
8 of tritium [inaudible] - between us -.

9 MR. ANDREWS: We'll get our PAO up here to see if we can put  
10 out another press release.

11 MR. COLLINS: So what do you think would be a better way of  
12 putting that, David?

13 MR. OATLEY: Well, I think that if we could say that the  
14 plant has not detected -- while the steam could contain  
15 radioactivity, the plant has not detected any radioactivity that it's  
16 released. That would be technically accurate from both sides.

17 MR. COLLINS: We've modified our preliminary notification.

18 MS. SMITH: Jerry called me, David.

19 MR. OATLEY: Okay; great.

20 MS. SMITH: He gave me the information that the steam  
21 generator blowdown sample was not detectable radioactivity, and so,  
22 we basically amended that sentence about the potential for  
23 radioactivity to add a clause that says however, recent samples show  
24 no detectable levels of radioactivity.

25 MR. OATLEY: That's great. And another little factoid for  
26 you if you find it useful is our semi-annual radioactive effluents  
27 report shows that for an entire year of operation on Unit I with a  
28 primary-secondary leakage of a gallon to two gallons a day, at the  
29 site boundary, it's less than 0.0015 mrad, millirad. So, that would  
30 --

31 MR. COLLINS: 0.0015 mrad.

1 MR. OATLEY: 0.0015 mrad, yes, sir.

2 MR. COLLINS: Okay.

3 MR. OATLEY: And the release that's occurring today is, you  
4 know, part of routine operations, and we've had releases like this  
5 last year, so that would have been part of that calculation.

6 MR. COLLINS: Okay.

7 MR. OATLEY: It's -- you know, I know that -- so that might  
8 help you a little bit.

9 MR. COLLINS: All right; I appreciate that. We're trying to  
10 be accurate and have right perspective all at the same time.

11 MR. OATLEY: That's right; I understand that. It's just the  
12 local officials are looking for is there a release yes or no answer,  
13 so they're looking for a black and white, which is sometimes  
14 difficult to do when you live in our world.

15 MR. COLLINS: Yes.

16 MS. SMITH: We understand, and I think the way we've  
17 reworded this captures what you're talking about.

18 MR. OATLEY: Thank you very much, Linda.

19 MS. SMITH: Sure.

20 MR. OATLEY: Okay; I'm onsite all day, so if you need to  
21 holler, just let John Griffin know, and I'll get on the phone again.

22 MS. SMITH: Thanks, David.

23 MR. COLLINS: Dave, one piece of information I think we need  
24 to pass on to you is in response to the event, we will be performing  
25 a special inspection.

26 MR. OATLEY: Okay.

27 MR. COLLINS: I expect that given the plant's in a more  
28 stable condition, we'll start it tomorrow, probably with Greg Pick  
29 and Dyle Acker.

30 MR. OATLEY: Greg Pick and Dyle Acker? Okay; so, you'll be  
31 augmenting the residents, then?

1 MR. COLLINS: Pardon?

2 MR. OATLEY: You'll be augmenting the residents.

3 MR. COLLINS: Yes; that is correct.

4 MS. SMITH: We will break it out as a separate report.

5 MR. OATLEY: Is this a special inspection in terms of the  
6 regulatory oversight process, the 20-hour, or is this something  
7 special, specialer than that?

8 MS. SMITH: This would include [inaudible] matrix looking at  
9 what we're supposed to do.

10 MR. OATLEY: Okay.

11 MS. SMITH: When we did the risk calculations, we were  
12 supposed to do a special inspection, and we'll do -- we'll combine --  
13 that inspection will cover all the inspection that would be  
14 appropriate for this event, which will include some things that are  
15 in the baseline inspection program, but we won't put them in the  
16 resident report; we'll put them in this event.

17 MR. OATLEY: Okay; how many hour inspection is this?

18 MS. SMITH: We haven't set. I'm writing the charter right  
19 now.

20 MR. OATLEY: Okay.

21 MS. SMITH: That question better tomorrow.

22 MR. OATLEY: Okay; thanks for letting me know, Linda.

23 MS. SMITH: Sure.

24 MR. OATLEY: Okay; talk to you guys later. I'll leave the  
25 line open.

26 MS. SMITH: Okay; thank you.

27 MR. OATLEY: Good bye.

28 [Pause.]

29 **DISK ID:A-00005, TAG ID:0000048928**

30 MR. PROULX: Hello; this is Dave Proulx. Is anybody on the  
31 bridge?

1 MR. COLLINS: Dave?

2 MR. PROULX: Yes.

3 MR. COLLINS: This is Elmo.

4 MR. PROULX: Hi.

5 MR. COLLINS: Hang on; I'm on the phone with Ken.

6 MR. PROULX: All righty.

7 MR. COLLINS: Be with you in a few minutes.

8 [Pause.]

9 **DISK ID:A-00005, TAG ID:0000048937**

10 MR. PROULX: Hello; am I back on the bridge?

11 MR. COLLINS: This is Dave?

12 MR. PROULX: Yes.

13 MR. COLLINS: Hang on; I just got off the phone with Ken.

14 MR. PROULX: I just dumped off accidentally, so I was just  
15 making sure I was back.

16 MR. COLLINS: Oh, yes; you're on.

17 [Pause.]

18 MR. COLLINS: All right, Dave, what have you got?

19 MR. PROULX: Okay; not much has changed since last time I  
20 talked to you. They're cooling down. They're currently at 475  
21 degrees and 1,680 pounds. I think before, I misspoke, and I meant to  
22 say 550, and I think I may have said 450, but currently, they're at  
23 475 and 1,680.

24 MR. COLLINS: Okay.

25 MR. PROULX: They're working the clearance for the main  
26 bank, and because they're making the folks go into the 12 kV switch  
27 gear room with respirators, they're anticipating the work is going to  
28 go a little bit slower than they had originally estimated, because,  
29 you know, communications are tough with respirators on, and it's  
30 uncomfortable, and all that type of thing. And they have to install  
31 a lot of ground buggies inside of that room, so they haven't changed

1 their estimate of midnight for the time when they think they'll be  
2 out of this thing.

3 MR. COLLINS: The backfeeding?

4 MR. PROULX: Yes.

5 MR. COLLINS: Okay?

6 MR. PROULX: Well, Oatley and Rueger are in the control room  
7 talking to the operators.

8 MR. COLLINS: I talked to Oatley.

9 MR. PROULX: Yes; did he call you specifically?

10 MR. COLLINS: He got on this bridge, and we talked.

11 MR. PROULX: Did they express any further concern with the  
12 PN?

13 MR. COLLINS: Well, we added the phrase recent sample showed  
14 no radioactive material.

15 MR. PROULX: Oh, that's good.

16 MR. COLLINS: We inserted that into our -- could contain  
17 minute; however, our recent sample showed none detectable and no  
18 adverse effects.

19 MR. PROULX: Okay.

20 MR. COLLINS: So, you know, they've got what they've got.  
21 If they're looking for yes or no, did any go or did none go, they're  
22 not going to get there, right?

23 MR. PROULX: Yes; it's not that simple.

24 MR. COLLINS: It's not that simple, and we're not going to  
25 say none just because there was not very much.

26 MR. PROULX: Yes.

27 MR. COLLINS: I think he understands that. Our PN is just  
28 getting launched, so it should be out shortly.

29 MR. PROULX: Right.

30 MR. COLLINS: We'll see. [inaudible] that was raised from  
31 headquarters, and I didn't know the answer to, and I don't even know

1 if it's a valid question, but could we bounce it off of you? For the  
2 switchyard, some licensees have air-operated breakers in the  
3 switchyard, and there's usually a compressor somewhere that keeps a  
4 ready supply of air for pneumatics. I don't know what the situation  
5 is in Diablo. Headquarters just speculated that if they lost their  
6 offsite -- their control power maybe that if there was a compressor,  
7 that could be adversely affected, too. Do you have any insight to  
8 that?

9 MR. PROULX: Yes; that is an outstanding question, actually,  
10 because that's exactly how their breakers up in the switchyard work.  
11 They are air-operated, and they're controlled by a compressor, and  
12 the compressor is what is currently running off the battery.

13 MR. COLLINS: Aha; I was wondering why the battery was  
14 discharging.

15 MR. PROULX: So there we go. That's how we get to it. Yes;  
16 I've had that explained to me between this time and last time.

17 MR. COLLINS: So what's going to get them on the electrical  
18 power is not the control power but the loss of the pneumatics.

19 MR. PROULX: That's exactly right.

20 MR. COLLINS: Now, did they fail open, or do they fail as  
21 is? I'm just curious.

22 MR. PROULX: They don't fail as-is. They go. They fail  
23 open.

24 MR. COLLINS: Well, if all those breakers fail open, then,  
25 we would be into a true loss of offsite power scenario.

26 MR. PROULX: For two units.

27 MR. COLLINS: Well, we're already in it for one.

28 MR. PROULX: Yes.

29 MR. COLLINS: What's another one?

30 MR. PROULX: Yes; what's another unit between friends,  
31 right? So, yes, that's -- as I said before, that's their top

1 priority is making sure that gets taken care of. And in the control  
2 room, there's numbers being thrown about all over the place, and some  
3 people are saying that, you know, they have 16 hours max on those --  
4 on those batteries. Others are saying 19. Some are arguing no, we  
5 have as many as 36 hours, but it still remains their top priority to  
6 get that power back.

7 MR. COLLINS: And they should be aggressively pursuing that.

8 MR. PROULX: That's what I understand.

9 MR. COLLINS: All right; from the time estimate that I've  
10 been getting, I'm guessing then they're probably, you know, no more  
11 than three or four hours away from getting power to that, right?

12 MR. PROULX: I don't know.

13 MR. COLLINS: With that temporary generator?

14 MR. PROULX: Yes; that's what they're saying with the  
15 temporary. I thought you meant for recovering the whole plant.

16 MR. COLLINS: No; I can't get a good estimate on recovering  
17 the whole plant.

18 MR. PROULX: Yes; they're still all saying midnight so --

19 MR. COLLINS: Sometime between now and Friday, I guess.

20 MR. PROULX: Right.

21 Have we given any thought on our end to whether or not we  
22 need to think about how far down the line we might want to be  
23 relieving people in our group?

24 MR. COLLINS: Are you referring to yourself?

25 MR. PROULX: Or anybody, for that matter.

26 MR. COLLINS: You mean like -- I'm not sure what you mean.  
27 I'm not sure for you.

28 MR. PROULX: If this is going to midnight, we're obviously  
29 going to have somebody here until midnight, right? And I'm willing  
30 to do that, and I'm just, you know --

31 MR. COLLINS: I think --

1 MR. PROULX: I got plenty of batteries on me right now, but  
2 maybe in 10 hours, I might not.

3 MR. COLLINS: Well, you know, Greg's on his way. Dyle will  
4 be --

5 MR. PROULX: I was unclear whether Dyle was coming back  
6 today or tomorrow. It sounded more like tomorrow.

7 MR. COLLINS: I guess my understanding was he would be there  
8 tomorrow.

9 MR. PROULX: Yes.

10 MR. COLLINS: But in terms of actual onsite, you know, I  
11 would say we need to pay attention to what you're doing, and Greg's  
12 going to be at San Luis Obispo at 7:30 your time.

13 MR. PROULX: Okay; he'll be here probably 8:30ish.

14 MR. COLLINS: Could be, and we told him to sleep on the  
15 plane.

16 [Laughter.]

17 MR. COLLINS: Take your nap on the plane. So we could use  
18 Greg for that if we have to. I'll be quite honest with you: we  
19 think it's reasonable by 6:00 your time, they'll be backfeeding.

20 MR. PROULX: Well, that would be great.

21 MR. COLLINS: That would be great, but it's not unrealistic  
22 that it might be midnight before they're backfeeding at the same  
23 time, so --.

24 MR. PROULX: I'll do whatever it takes to support to make  
25 sure we have control and coverage.

26 MR. COLLINS: All right; and we're looking at probably  
27 coming in with a second shift here in the incident response center,  
28 so -- if we need that. That's what we're thinking.

29 MR. PROULX: Yes.

30 **DISK ID:A-00005, TAG ID:0000048940**

31 MR. COLLINS: In terms of actually getting a body there to

1 tag-team with you anytime within the next three or four hours, we're  
2 short. We're not able to do that.

3 MR. PROULX: Okay.

4 MR. COLLINS: How quick could he get there?

5 MR. PROULX: Well, we can, but I think Dyle's got some  
6 important personal things to take care of today so --

7 MR. COLLINS: If his daughter's graduating from college, I'd  
8 hate to -- that's a momentous occasion for --

9 MR. PROULX: It doesn't happen often.

10 MR. COLLINS: -- a father to get a kid through college.

11 MR. PROULX: Yes.

12 [Laughter.]

13 MR. ANDREWS: A relief.

14 MR. COLLINS: And a relief, too.

15 MR. PROULX: Yes, it's a relief, because you can move right  
16 back into home again.

17 MR. COLLINS: Our daughter just graduated in December, man.  
18 I'm telling you what's the truth.

19 MR. PROULX: Yes, okay.

20 MR. COLLINS: So I don't know if that's -- I know it's not a  
21 real satisfactory answer I'm giving you, but I think, you know, once  
22 they're backfeeding, this thing's going to go away real quick in  
23 terms of incident response.

24 MR. PROULX: Right, right.

25 MR. COLLINS: And then, we'll be into the special inspection  
26 mode.

27 MR. PROULX: Okay.

28 MR. COLLINS: What else, Dave?

29 MR. PROULX: Let's see; they're just cooling down. It's --  
30 there's nothing else new.

31 MR. COLLINS: Okay.

1 MR. PROULX: I'm going to slide on down and go visit them  
2 out by the aux transformer itself to see how they're coming on the  
3 preps to be ready when the clearance is ready.

4 MR. COLLINS: Good. What time do you want to update?

5 MR. PROULX: 12:30 should be fine.

6 MR. COLLINS: Okay; will do.

7 MR. PROULX: All right.

8 MR. COLLINS: Thanks for the call.

9 MR. PROULX: No problem.

10 MR. COLLINS: Okay-bye.

11 MR. PROULX: Bye.

12 [Pause.]

13 **DISK ID:A-00005, TAG ID:0000048946**

14 MR. GRIFFIN: This is Diablo Canyon Unit I.

15 MR. COLLINS: Is this John?

16 MR. GRIFFIN: Yes, it is.

17 MR. COLLINS: This is Elmo and Linda. How you doing?

18 MR. GRIFFIN: Good.

19 MR. COLLINS: What you got?

20 MR. GRIFFIN: Plant cooldown continuing. We'll be stopping  
21 at 380 degrees to do some chemistry. Nothing has really changed  
22 since the last time I talked to you.

23 MR. COLLINS: Okay; what's the temperature?

24 MR. GRIFFIN: One second.

25 [Pause.]

26 **DISK ID:A-00005, TAG ID:0000048947**

27 MR. GRIFFIN: Approximately 455 degrees.

28 MR. COLLINS: Okay; any progress to report on backfeeding?

29 MR. GRIFFIN: You know, you were right: I'm getting the  
30 mixed sort of message that you got. You know, I've got people saying  
31 -- like I told you -- that approximately 5:00, but I'm also hearing

1 people say later in the evening, so it just depends on, you know,  
2 maintenance's ability to get the ducting off and disconnect the links  
3 and rehang clearances, but I know they're motivated to get this done  
4 obviously, so I'm hoping for early this evening.

5 MR. COLLINS: Okay; okay maybe early evening for  
6 backfeeding.

7 How about any status on the backup power supply for the  
8 switchyard breakers?

9 MR. GRIFFIN: The last status I had was at 1000, and they  
10 were saying by 1600, they should have a portable emergency 4 kV  
11 generator hooked up providing that power. Do you want to check to  
12 see if that's the current status.

13 MR. COLLINS: All right; I don't know. Does 1600 give you  
14 enough time for your anticipated battery life?

15 MR. GRIFFIN: I believe that's the case. I'm sorry; I'm  
16 talking to Linda, and this is also -- is it Ron?

17 MR. ANDREWS: Tom..

18 MR. GRIFFIN: Rob?

19 MR. COLLINS: No, Elmo Collins.

20 MR. GRIFFIN: Oh, Elmo? Let me check around, Elmo; just one  
21 second.

22 [Pause.]

23 MR. GRIFFIN: Elmo, I'm getting an update in a minute here  
24 from the fellow who's actually associated with getting this thing  
25 onsite. So I'm paging him now.

26 MR. COLLINS: Okay.

27 MR. GRIFFIN: And I should be back to you in about a minute  
28 here.

29 MR. COLLINS: Very good; thank you.

30 MR. GRIFFIN: You're welcome.

31 [Pause.]

1                                   **DISK ID:A-00005, TAG ID:0000048952**

2                   MR. GRIFFIN:  Elmo?

3                   MR. COLLINS:  Yes?

4                   MR. GRIFFIN:  This is John Griffin.  I just talked to Jim  
5 Dye, who is kind of providing oversight for this generator.  They  
6 actually are physically hooking it up right now.

7                   MR. COLLINS:  That's good news.

8                   MR. GRIFFIN:  So it's actually onsite, and it's being  
9 physically connected, and he anticipates that it will be powering the  
10 control power within the next two hours.

11                  MR. COLLINS:  Okay; good.

12                  MR. GRIFFIN:  So that's better than what we thought.

13                  MR. COLLINS:  Okay; thank you.

14                  MR. GRIFFIN:  You're welcome.  Anything else?

15                  MR. COLLINS:  I don't have anything.  Do you have anything?

16                  MR. GRIFFIN:  That's it.

17                  MR. COLLINS:  Okay; thank you.

18                  MR. GRIFFIN:  Okay, guys.

19                  [Pause.]

20                                   **DISK ID:A-00005, TAG ID:0000048977**

21                  MR. PROULX:  Hello; this is David Proulx online.  Is anybody  
22 on the bridge?

23                  MR. ANDREWS:  Region IV is here.

24                  MS. SMITH:  Hi, David.

25                  MR. PROULX:  Hello; okay, I have an update for you.  Reactor  
26 coolant system temperature is 456.  Pressure, 1,490 pounds.  Okay;  
27 the main bank transformer clearance is active, which means all the  
28 tags they need to have hanging are hanging and second-checked and all  
29 that type of thing, and currently, they are installing ground buggies  
30 in the 12 kV room for all the potential sources that they can in  
31 there.

1           They are requiring people going into the 12 kV room not only  
2 to have respirators but to be wearing plastic suits and booties and  
3 gloves just in case, because there's a lot of dust in there, and  
4 they're worried about the dust getting on people's skin and all that,  
5 and since they think there might be trace amounts of PCBs, they're  
6 just doing that as a precaution.

7           [Television sound in background with reporter delivering  
8 news of event.]

9           MR. PROULX: Sounded like a TV show.

10          MS. SMITH: CNN.

11          MR. PROULX: Oh, it was CNN, huh?

12          MR. ANDREWS: Yes; you're on the news.

13          MR. PROULX: Oh, wow.

14          Hey, okay; now, the next item which is good is that  
15 temporary power to the switchyard will be online within half an hour.  
16 They've got the generator up there, and they're doing their final  
17 checks on it, and they're just about getting ready to hook up to the  
18 jumper in there. So, they're saying 1:00, 1:15 they'll have that  
19 going, and the switchyard power will be protected, and they'll be in  
20 better shape there. They won't be on batteries anymore.

21          MR. COLLINS: That would be great.

22          MR. PROULX: Yes.

23          MR. COLLINS: That's good news.

24          MR. PROULX: Agreed.

25          Continuing to cool down and continuing to make preps for  
26 getting temporary power to their other DC loads, and I walked around  
27 the -- all the switch gear rooms in the 4160 and the 480, and they  
28 have not staged any equipment or made much progress on the temporary  
29 power for the other stuff.

30          MR. COLLINS: If any of that goes away, is that going to  
31 hurt us?

1 MR. PROULX: Is that going to hurt us? No, probably not.  
2 Of course, the plant process computer is the one that they're most  
3 concerned about, because it's, you know, helping them monitor the  
4 plant and all that, but none of that other stuff will really affect  
5 their ability to do all this.

6 MS. SMITH: David?

7 MR. PROULX: Yes.

8 MS. SMITH: One of the items that you talked about in their  
9 priority plan, I don't quite understand. It had to do with the  
10 auxiliary feed water chemistry control or something. Do you know --

11 MR. PROULX: Say again, Linda, please.

12 MS. SMITH: Just a second.

13 [Pause.]

14 MS. SMITH: I'm sitting on the wrong side of the room.  
15 One of the items that you talked about had to do with the  
16 auxiliary feed water chemistry control.

17 MR. PROULX: Yes; they have aux feed water chemical add  
18 pumps to help them maintain shutdown chemistry.

19 MS. SMITH: Uh-huh?

20 MR. PROULX: Those chem add pumps also come off the 4160  
21 vital, and they're talking about getting temporary power up to those  
22 to maintain the steam generator chemistry.

23 MS. SMITH: Okay; and that's just a long-term corrosion  
24 issue, right?

25 MR. PROULX: Yes.

26 MS. SMITH: Okay; thanks.

27 MR. PROULX: Get the chemistry in spec.

28 MS. SMITH: Are you through with that briefing, then?

29 MR. PROULX: Yes; that's everything from my end.

30 MS. SMITH: Okay; we were talking about your replacement, et  
31 cetera. We were kind of discussing the possibility of when Greg

1 calls in from -- he's supposed to call in again from LAX -- is to ask  
2 him to go straight to the site when he gets there and then go ahead  
3 and call Dyle and ask him to come in early in the morning in case it  
4 should go over.

5 Does that sound like a reasonable approach to you?

6 MR. PROULX: Yes; I think his plan for coming back on  
7 Tuesday was to -- originally was to leave home at about 4:00 in the  
8 morning and show up to the site around 8:00 or so.

9 MS. SMITH: Uh-huh.

10 MR. PROULX: And I don't see any problem with him just  
11 keeping that plan in place.

12 MS. SMITH: We were concerned that Greg might not be able to  
13 -- and we need to speak with Greg to see what  
14 his --

15 MR. PROULX: Yes; I forgot; you guys are on Central Time,  
16 aren't you?

17 MS. SMITH: Yes; well, we wouldn't really need him to be  
18 very active if he were just onsite in case something happens, you  
19 know, even if we had Greg kind of hanging out close by.

20 MR. PROULX: Yes.

21 MS. SMITH: Word is that Pismo Beach is pretty close, you  
22 know, the Oxford street for the plant?

23 MR. PROULX: It's about a 20 minute drive.

24 MS. SMITH: About 20 minutes? It's a lot closer than where  
25 you are?

26 MR. PROULX: Yes.

27 MS. SMITH: Aren't you 45 minutes?

28 MR. PROULX: About 35 minutes on the road; about 45 minutes  
29 door-to-door to, you know, from the time I leave my house to the time  
30 I walk in the control room.

31 MS. SMITH: Okay; okay; well, thanks for the info.

1 MR. PROULX: But I'm here now so --

2 MS. SMITH: Thanks.

3 MR. PROULX: -- it's not an issue.

4 MS. SMITH: We just thought you might run out of steam at  
5 some point since you started at 2:00 in the morning.

6 MR. PROULX: Yes; I'm still running on adrenaline now, right  
7 now; I mean, it's kind of the excitement of being in an unusual  
8 event.

9 MS. SMITH: Yes.

10 MR. PROULX: I've still got plenty of energy, plus those  
11 eight cups of coffee I've had since I've been here aren't hurting  
12 either.

13 MS. SMITH: Okay; well, eight more is okay.

14 [Laughter.]

15 MR. ANDREWS: I guess at some point that caffeine is going  
16 to wear off.

17 MR. PROULX: Yes, yes, but I'm fine now.

18 MS. SMITH: But we're not going to talk about it, because  
19 now, you're fine.

20 MR. PROULX: Yes.

21 [Pause.]

22 **DISK ID:A-00005, TAG ID:0000048999**

23 MR. ANDREWS: Did someone just come on the bridge?

24 [Pause.]

25 **DISK ID:A-00005, TAG ID:0000049005**

26 MR. GRIFFIN: This is John Griffin, Diablo Canyon Unit I.

27 [Pause.]

28 MR. ANDREWS: NRC Region IV is here. Hold on, John.

29 MR. GRIFFIN: Thank you.

30 [Pause.]

31 **DISK ID:A-00005, TAG ID:0000049009**

1 MR. GRIFFIN: This is Diablo Canyon Unit I.

2 MR. COLLINS: NRC Region IV.

3 MR. GRIFFIN: Yes, Region IV; I just want to provide you a  
4 current update.

5 MR. COLLINS: Okay.

6 MR. GRIFFIN: I know you've been interested in our ability  
7 to have certain temporary power up in the switchyard.

8 MR. COLLINS: Okay.

9 MR. GRIFFIN: And we currently do have the temporary  
10 generator connected, and it is powered up, and what we are doing is  
11 slowly adding loads to it and watching it to make sure that it's  
12 operating properly. But we actually do have power from the temporary  
13 generator at this time, but not all the loads are connected.

14 MR. COLLINS: Okay.

15 MR. GRIFFIN: And that's the most significant change.

16 MR. COLLINS: Okay; good.

17 MR. GRIFFIN: And as far as Mr. Proulx, he's out walking  
18 around the plant right now.

19 MR. COLLINS: Okay; so, we're still looking at what? Four  
20 to eight hours to be backfeeding?

21 MR. GRIFFIN: That is correct; I'm -- you know, I'm hoping  
22 for early evening, but I'm hearing other people saying possibly later  
23 in the evening, but we're hoping for later this evening, 5:00 or  
24 6:00.

25 MR. COLLINS: Okay; what else?

26 MR. GRIFFIN: That's it.

27 MR. COLLINS: Okay; all right; thank you.

28 MR. GRIFFIN: You're welcome.

29 [Pause.]

30 **DISK ID:A-00005, TAG ID:0000049029**

31 MR. PROULX: Hello; this is David Proulx back on the bridge.

1 MR. ANDREWS: Hello, David.

2 MR. PROULX: Hello; I'm just calling up to update you on  
3 what's going on. Currently, Unit I is at 435 degrees and 1,335  
4 pounds, cooling down towards mode five.

5 MR. ANDREWS: Repeat temperatures.

6 MR. PROULX: 435 degrees Fahrenheit and 1,335 pounds of  
7 pressure. Let's see: they're still working the ground buggies for  
8 being able to go remove the disconnect links on the aux transformer  
9 1-1. They've got a pretty involved procedure that they need to be  
10 real careful on. It's a lot slower than you think.

11 The real good news is that they have the temporary generator  
12 installed and running, supplying the 500 and 230 kV switchyard, which  
13 is going to keep their breaker control power available.

14 MR. COLLINS: Okay; in terms of the other DC loads, are any  
15 of those going to cause us problems?

16 MR. PROULX: They don't anticipate yet. You know, they  
17 estimated 16 hours of power for --

18 MR. COLLINS: The plant computer.

19 MR. PROULX: -- the plant process computer, and right now,  
20 we're at 13 hours, and they've -- it's really only come down about 6  
21 or 7 volts from its normal 220ish. It's about 213, right around  
22 there. So they haven't seen a whole lot of degradation there just  
23 yet, so they believe they have more time than they thought.

24 MR. COLLINS: Okay.

25 MR. PROULX: But they're still working on getting temporary  
26 power over there. They haven't had any problems with it whatsoever.

27 MR. COLLINS: Okay.

28 MR. PROULX: Let's see; is there anything else? No.

29 MR. COLLINS: How's the lighting in the plant?

30 MR. PROULX: It's still kind of -- it's dim out there. You  
31 need a flashlight to get around, because only the -- you know, not

1 every area of the plant has got, you know, temporary lights in it.  
2 It's only some of the key ingress and egress to the safe shutdown  
3 equipment is their emergency lighting, so you need a flashlight to  
4 get around but --

5 MR. COLLINS: They have emergency AC, but we can't see  
6 anything. That ought to be telling us something.

7 MR. PROULX: Yes; but as long as you've got a flashlight  
8 there, you can see fine, but it's a little bit dim out there in the  
9 plant. A few places, it's totally dark, such as the clearance office  
10 coming into the control room, you know, right where you come in.

11 MR. COLLINS: Yes.

12 MR. PROULX: Type of thing; there's no emergency light  
13 there. Out in the main decks of the turbine buildings around where  
14 things like feed water heaters and MSRs and things like that are,  
15 it's pretty dark, because there's no safe shutdown there, that type  
16 of thing. But the emergency lights are still holding on.

17 MR. COLLINS: You said the control room has full lighting?

18 MR. PROULX: Yes.

19 MR. COLLINS: Okay.

20 MR. PROULX: They switched it all to Unit II power.

21 MR. COLLINS: Okay; what else is important?

22 MR. PROULX: Let's see.

23 MR. COLLINS: What's going to get us in trouble, Dave? Can  
24 you think of anything?

25 MR. PROULX: [inaudible] and the last thing that they're  
26 worried about is the loss of the control rod drive mechanism, which  
27 is causing them to get alarms on the, you know, reactor cavity area,  
28 but they're cooling down towards getting below the 390 that their  
29 procedure requires, so I don't think that's going to be a problem  
30 that's going to bite us.

31 MR. COLLINS: Well, the cooldown will fix that, won't it?

1 MR. PROULX: Yes.

2 MR. COLLINS: Okay.

3 MR. PROULX: Let's see: oh, I have a question for you. Do  
4 you happen to know whose phone -- who has cell phone 1254 in the  
5 region?

6 MR. COLLINS: 1-2-5-4?

7 MR. PROULX: Yes.

8 MR. COLLINS: I don't know.

9 MR. PROULX: Because I think it might have been a typo in  
10 their procedure. Their emergency procedure has  
11 like --

12 MR. COLLINS: It sounds like a typo.

13 MR. PROULX: Had -- says, you know, you try to get hold of  
14 the resident on his pager, and then, if not him, the [inaudible]  
15 resident, and if not him, you call cell phone XXX-XXX-XXXX. And  
16 Linda's number is 1214, and I think that they had a typo in their  
17 procedure. And so, they have a note in there, their log of who they  
18 notified. They called 1254 and left a message. I have no idea who  
19 that is, though.

20 MR. COLLINS: I don't think we have a 1254.

21 MR. PROULX: Well, someone in the NRC does.

22 MR. COLLINS: Did they call back?

23 MR. PROULX: No, but they were able to leave a message.

24 MR. COLLINS: All they know is it's someone in the NRC?

25 MR. PROULX: I don't know who it would be, though.

26 MR. COLLINS: Yes; well, or it may not have even been NRC,  
27 right?

28 MR. PROULX: Right; you could be right. So I had them -- I  
29 talked to them at a break, and they're going to take a look at all of  
30 those.

31 MR. ANDREWS: 860-1254?

1 MR. PROULX: No.

2 MR. COLLINS: You said XXX-XXXX.

3 MR. PROULX: Right.

4 MR. ANDREWS: We only go up to 1229.

5 MR. PROULX: Oh, well.

6 MR. COLLINS: We don't know who that is.

7 MR. PROULX: Who knows who it is then, huh?

8 MR. MARSH: Hey, Elmo, are you on the line?

9 MR. COLLINS: Yes.

10 MR. MARSH: Hi; this is Tad Marsh and Ed Goodwin.

11 MR. COLLINS: Hi, Tad and Ed.

12 MR. MARSH: How are you doing?

13 MR. COLLINS: Great; but Dave Proulx is on also. He's the

14 senior --

15 MR. MARSH: Okay.

16 MR. COLLINS: -- at the site.

17 MR. MARSH: I'm sorry we came on real late. I guess you

18 guys just went through kind of an update on how things are going?

19 MR. COLLINS: They've just been coming on periodically and

20 giving us a rundown.

21 MR. MARSH: Okay; can you give us a real quick thumbnail?

22 MR. COLLINS: Real quick, they're at 435 degrees cooling

23 down. They have the tags installed for backfeeding. They're using -

24 - the ground buggie work is ongoing. So it looks like they're still

25 -- I would guess -- several hours from completing the backfeeding of

26 power from the main transformer to the aux transformer to the safety

27 buses.

28 MR. MARSH: Okay; so the disconnects have been opened?

29 MR. COLLINS: No; they're in the process of trying to get --

30 I guess get the configuration finalized so they can go in and open

31 the disconnects. They have not yet done that.

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MR. MARSH: Okay.

MR. COLLINS: They've just hung the tags to set the configuration so they could actually go in and do the work.

MR. MARSH: Okay; we still have some pictures. I guess the resident sent them to us; I'm not sure. And it showed some breaker cubicles that looked like it had dark stained smoke coming out of it.

MR. PROULX: That is correct; those are -- that's exactly what those are. And those breaker cubicles are the reactor coolant pump 1-2, 1-3 and 1-4 backup breakers. They're the in-series breakers that can only be operated locally for supply of the reactor coolant pump power.

SPEAKER: So are they still energized?

MR. PROULX: Yes, they are.

SPEAKER: Okay.

MR. MARSH: So, power is going through those breakers, huh?

MR. PROULX: Yes, and if you look at those pictures, you're saying wow; they're depending on that to keep their reactor coolant pumps running.

MR. MARSH: Wow; okay; okay.

MR. COLLINS: We've asked ourselves the question what would be the consequence if we lost those.

MR. MARSH: Natural circulation, right?

MR. COLLINS: It would be natural circulation and not a substantial increase to the risk.

MR. MARSH: I mean you're down at what? 430 now. What are they going down at? Pretty slow?

MR. PROULX: Yes; they're only doing about 25 degrees an hour right now.

MR. MARSH: Okay.

MR. COLLINS: They're going to be holding at 380 for a --

1 MR. MARSH: Okay.

2 MR. COLLINS: -- chemistry.

3 MR. MARSH: Okay; we just briefed Sam and Roy of where  
4 things are as best we knew it at the time and where things are going,  
5 and we wanted to relay to you that we'll have a couple of people on  
6 standby here in case you need them. We're going to have an  
7 electrical person; that's Om Chopra; and we're going to have a  
8 reactor systems person. I haven't gotten in touch with him yet;  
9 that's Warren Lyon. They'll be available if anything -- you need any  
10 questions or anything we can help you over the night.

11 MR. COLLINS: Well, we appreciate that.

12 MR. MARSH: Okay; they will be available through the IRO,  
13 okay? So all you need to do is contact the IRO to the HOO here.

14 MR. COLLINS: The names again?

15 MR. MARSH: It's going to be Om Chopra.

16 MR. COLLINS: How is that is that spelled?

17 MR. MARSH: O-H-M --

18 MR. CHOPRA: O-M.

19 MR. MARSH: O-M.

20 MR. CHOPRA: And the last name is C-H-O-P-R-A.

21 MR. COLLINS: Okay.

22 MR. MARSH: And Warren Lyons.

23 MR. COLLINS: Okay.

24 MR. MARSH: And he's in reactor systems, but he doesn't know  
25 it yet, so I've got to get in touch with him.

26 [Laughter.]

27 MR. MARSH: But you can get them through the IRO. They'll  
28 connect you.

29 MR. COLLINS: The IRO will connect us? Okay.

30 MR. MARSH: The IRO can connect you. And I've talked to  
31 Jose; he's the EO, the NRR EO, and he knows what's going on, and he

1 knows that these people are available if you need them, too.

2 MR. COLLINS: Right; okay; good.

3 MR. MARSH: Okay.

4 MR. GOODWIN: And Sam also asked us to ask you if there was  
5 anything headquarters could do as far as support for residents just  
6 being tired after a period of time, and you've got to start filling  
7 in behind them.

8 MR. COLLINS: Well, we have Greg Pick en route to the site,  
9 and along with two residents at this point, we think we've probably  
10 got enough. We don't expect this to go on ad infinitum. We think  
11 we're going to be out of the monitoring phase within a reasonable  
12 period of time.

13 MR. MARSH: You're thinking within the next three or four  
14 hours or something or what?

15 MR. COLLINS: Probably not three to four hours but by  
16 midnight anyway.

17 MR. MARSH: Okay; do you plan on calling in sometime this  
18 evening? Don't do it specially, but if you plan on a normal update  
19 or something, Elmo?

20 MR. COLLINS: We haven't set one; you know, what we've been  
21 doing is just having the residents come on about every hour and give  
22 us an update.

23 MR. MARSH: Okay.

24 MR. COLLINS: It might not be a bad idea if we did establish  
25 a time to get everyone an update just so that everyone can be brought  
26 up to speed at the same time. What do you think, Tom?

27 MR. ANDREWS: 8:00 Eastern?

28 MR. MARSH: That sounds great.

29 MR. COLLINS: We can do it on this bridge.

30 MR. MARSH: That sounds great.

31 MR. COLLINS: Just to have a general update and a brief for

1 anyone who's interested so --

2 MR. MARSH: Yes; I'll come on then, too; okay. Hey, thanks  
3 a lot, guys. I need to get in touch with Warren so he knows what's  
4 going on, and we'll check in at 8:00.

5 MR. COLLINS: Okay.

6 MR. MARSH: Take care.

7 MR. COLLINS: Thank you.

8 MR. MARSH: Bye.

9 MR. PROULX: Elmo, you still there?

10 MR. COLLINS: Yes, we're still here.

11 MR. PROULX: Okay; one piece of technical information that I  
12 don't know if it's new to you, but it's new to me, is that in  
13 analysis of their -- of some of their annunciator printouts, they  
14 note that they had their initial reactor trip and, you know, loss of  
15 the aux transformer and all that, but initially, the startup  
16 transformer and all of the startup loads did their fast transfer to  
17 startup for all the 4160 vitals and nonvitals.

18 MR. COLLINS: Yes.

19 MR. PROULX: And then, after 11 seconds, the breaker  
20 tripped.

21 MR. COLLINS: That makes sense, right?

22 MR. PROULX: Well, yes; well, if you saw the actual  
23 condition, you know, if you have the pictures in front of you, one of  
24 the pictures shows the Tee and then, just above it, another conduit.  
25 Do you have those?

26 MR. COLLINS: Yes, we got them.

27 MR. PROULX: Yes, and I don't know if you can see it, but  
28 you can just see the corner of where the hole is, and that hole is  
29 about two foot in diameter, and if you look inside of that hole, what  
30 you see is the cables running through there, and the cables will have  
31 the insulation stripped off of them, and they are charred. And what

1 you can guess is that maybe there is some metal that -- some melted  
2 metal that got up there that shorted -- that stripped the cables and  
3 then shorted them after about 11 seconds or so.

4 MR. COLLINS: So it just overheated, right?

5 MR. PROULX: Or that, yes, yes.

6 MR. COLLINS: That short kind of makes sense. We had the  
7 one 12 kV fault, and 11 seconds later, it affected the one that was  
8 above it.

9 MR. PROULX: Yes.

10 MR. COLLINS: I mean, I don't know; I'm just giving a rough  
11 gut feel here. Our team needs to make sure when they start work on  
12 the special inspection, have that info so they can factor that into  
13 their sequence of events.

14 MR. PROULX: Yes, but I don't know if that's new to you or  
15 not, but it was new to me.

16 MR. COLLINS: I didn't have that level of detail; that's for  
17 sure.

18 MR. PROULX: Yes.

19 MR. COLLINS: It doesn't really surprise me, though but --

20 SPEAKER: So we're going to do a special inspection?

21 MR. COLLINS: Yes.

22 SPEAKER: Have they determined the root cause yet?

23 MR. COLLINS: No; it's going to be awhile, I would think,  
24 before we have a root cause. And then, we've had a catastrophic  
25 fault in a 12 kV bus; we don't know the cause; not the root cause.

26 MR. PROULX: Right; and they're not even doing anything  
27 right now to investigate the root cause or anything like that. They  
28 want to be able to get power back to the site and --

29 MR. COLLINS: Yes; all efforts right now are focused on  
30 restoring the plant to a more normal type configuration.

31 SPEAKER: Right.

1 MR. COLLINS: Restoring offsite power to vital buses,  
2 backfeeding through the main transformer. That's where their efforts  
3 are focused right now.

4 Do you need anything else?

5 SPEAKER: I think that will do it.

6 MR. COLLINS: [inaudible].

7 SPEAKER: Yes, but they've seen that on the Web.

8 MR. COLLINS: Good.

9 SPEAKER: We're getting a lot of press calls.

10 MR. COLLINS: Great.

11 SPEAKER: Our sentence about minute quantities of radiation  
12 has attracted them like flies to honey.

13 MR. ANDREWS: Well, we ought to say that more often.

14 MR. COLLINS: We amplified on that here in this. I don't  
15 know if you noticed: could contain minute [inaudible] however; a  
16 recent steam sample showed no detectable levels of radioactivity.

17 SPEAKER: I have a question: do they have monitors at these  
18 steam dumps?

19 SPEAKER: So that they can tell if anything radioactive has  
20 come out?

21 MR. ANDREWS: Yes.

22 SPEAKER: I thought that was true with 98 percent certainty.

23 MR. COLLINS: They would not detect the minute amounts that

24 --

25 SPEAKER: Anything

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27 that would affect public health and safety would definitely show up?

28 MR. COLLINS: Yes.

29 SPEAKER: Okay.

30 MR. COLLINS: Anything else?

31 SPEAKER: That's all.

1 MR. COLLINS: Hey, we were on CNN Headline News.  
2 SPEAKER: Great; I just read the press release.  
3 MR. COLLINS: Well, they didn't just read it.  
4 MR. ANDREWS: They fudged it a little bit.  
5 MR. COLLINS: And they said minute amounts well below said  
6 the NRC and no impact to the health and safety of the  
7 200,000 residents in the area.  
8 [Laughter.]  
9 SPEAKER: Giving the area broadly.  
10 MR. COLLINS: Yes, using the area broadly.  
11 SPEAKER: Okay; thanks.  
12 [Pause.]  
13 MR. COLLINS: What else, Dave?  
14 MR. PROULX: That's all there is for this update.  
15 MR. COLLINS: Okay.  
16 MR. PROULX: I'll try to update you by about 2:30 my time.  
17 I guess that would be 4:30 your time, huh?  
18 MR. COLLINS: Yes.  
19 MR. PROULX: Okay.  
20 MR. COLLINS: Make note of the fact that we did plan an 8:00  
21 p.m. Eastern time general update, so that would - -  
22 MR. ANDREWS: 5:00 your time.  
23 MR. COLLINS: - - be 5:00 your time.  
24 MR. PROULX: Can you say that again? I missed what you just  
25 said, Elmo.  
26 MR. COLLINS: We did plan an 8:00 p.m. Eastern time update,  
27 which is 5:00 p.m. your time, just a general update for anyone who  
28 wants to get on the bridge and listen in.  
29 MR. PROULX: That's including headquarters folks?  
30 MR. COLLINS: Yes.  
31 MR. PROULX: Okay.

1 MR. COLLINS: Okay; thanks.

2 MR. PROULX: All right.

3 MR. COLLINS: Bye-bye.

4 MR. PROULX: I'll update you.

5 MR. COLLINS: All righty.

6 MR. PROULX: Bye.

7 [Pause.]

8 **DISK ID:A-00005, TAG ID:0000049066**

9 MR. GRIFFIN: This is Unit I at Diablo Canyon.

10 MR. COLLINS: This is NRC.

11 MR. GRIFFIN: We're just checking in. We're still cooling  
12 Unit I down. With regard to our temporary power up in the  
13 switchyard, it's fully serviceable now, so we don't have any current  
14 concerns with loss of relay protection up there or not having control  
15 power capability for our large circuit breakers up there.

16 Other than that, that's, I think, the most significant  
17 information I can pass on to you.

18 MR. COLLINS: Okay, no reports on the progress of the  
19 backfeeding operation?

20 MR. GRIFFIN: Again, from what I'm hearing, I think we may  
21 have it as early as 5:00 or 6:00 this evening. We seem to be making  
22 pretty good progress on it.

23 MR. COLLINS: I guess what I've heard is the tags are on;  
24 they were doing ground buggie evolutions.

25 MR. GRIFFIN: That is correct.

26 MR. COLLINS: That's kind of what I've been getting from  
27 Dave.

28 [Pause.]

29 MR. GRIFFIN: Yes; you're right; our shift manager is saying  
30 midnight, so I must be getting it from somebody with the glass half  
31 full.

1 MR. COLLINS: Instead of half empty?

2 MR. GRIFFIN: Exactly.

3 MR. COLLINS: Or somewhere in between, right?

4 MR. GRIFFIN: Well, I hope it's closer to what I'm thinking,  
5 but yes.

6 MR. COLLINS: But it is, right?

7 MR. GRIFFIN: Yes, that's where it is, yes. Sorry about  
8 that.

9 MR. COLLINS: That's not a problem. I guess as we proceed  
10 on, the two should converge.

11 Okay; let's see.

12 MR. GRIFFIN: People are saying that the ground buggy  
13 installations are getting a little more complicated than we  
14 originally thought it was going to be.

15 MR. COLLINS: Getting more complicated?

16 MR. GRIFFIN: Well, as far as protection for people and et  
17 cetera.

18 MR. COLLINS: Okay.

19 MR. GRIFFIN: Is there anything else I can get for you?

20 MR. COLLINS: I'm just looking at my notes. Any info on  
21 backup power to the plant computer?

22 MR. GRIFFIN: As far as the PPC is concerned, that's a good  
23 question. I can check on that right now; in fact, here's the PPC  
24 guy. One second.

25 [Pause.]

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27 MR. GRIFFIN: Hi, Region IV?

28 MR. COLLINS: Region IV is online.

29 MR. GRIFFIN: Yes; this is John Griffin. I just spent --  
30 I'm sorry -- about 5 minutes talking to Greg Johnson, who is our PPC  
31 guy, and he's saying that the current voltage, we're going to lose

1 the PPC in approximately two to three hours, which is before the  
2 current time we're predicting that we're going to get backfeeding to  
3 the unit.

4 As far as indications are concerned, though, we do have  
5 SPDS, which is our safety parameter display system, which we have the  
6 capability of transferring over to Unit II power supply, which it  
7 currently is. But what Greg is telling me is that there's little  
8 doubt in his mind that we're going to lose our PPC here in two to  
9 three hours based on the current voltage of the battery.

10 MR. COLLINS: Okay.

11 MR. GRIFFIN: So that's the status of that.

12 MR. COLLINS: At one time, there was mention of maybe a  
13 temporary battery charger.

14 MR. GRIFFIN: And he's looking at that, but he's not  
15 comfortable with the -- he's not comfortable with that solution,  
16 because he's not comfortable with the rating of the battery charger.

17 MR. COLLINS: Okay.

18 MR. GRIFFIN: So he's not real warm on that. He doesn't  
19 like the sound of that. So no guarantees on that one.

20 MR. COLLINS: What's the consequence of losing the plant  
21 computer?

22 MR. GRIFFIN: You know, sitting here in mode three, really  
23 not huge, I would say. All the indications that we need to do a  
24 cooldown, we've got everything we need actually on the SPDS. We do  
25 lose some alarms on certain motors. A lot of our motor alarms from  
26 various RTDs and thermocouples come into the plant or into the  
27 control room through the PPC. But as far as, you know, overall  
28 capability, you know, to control plant cooldown, we've got what we  
29 need on the SPDS. So I would say it's not, you know, an overwhelming  
30 concern.

31 MR. COLLINS: So SPDS is powered from Unit II?

1 MR. GRIFFIN: It's normally powered -- each unit is normally  
2 powered from its own, but we have the capability to power each from  
3 the other unit, and so, Unit I's is currently powered from Unit II.

4 MR. COLLINS: You will not lose SPDS.

5 MR. GRIFFIN: We do not lose SPDS; that is correct.

6 MR. COLLINS: That's good.

7 MR. GRIFFIN: And there is a multitude of information on  
8 SPDS.

9 MR. COLLINS: Okay, how about the emergency lighting out in  
10 the plant? It must be getting pretty dark by now.

11 MR. GRIFFIN: Well, a lot of the emergency lighting comes  
12 off -- in fact, I was just reviewing that -- a lot of the emergency  
13 lighting actually comes off vital.

14 MR. COLLINS: Okay.

15 MR. GRIFFIN: Vital power.

16 MR. COLLINS: So it's not battery powered.

17 MR. GRIFFIN: It has DC backups in case you lose the vital  
18 power. It will actually switch over to DC distribution, but  
19 currently, we do have our 480 volt vital power, so our emergency  
20 lighting should not be an issue.

21 MR. COLLINS: Okay.

22 MR. GRIFFIN: But, you know, still, if you're out on Unit I  
23 since emergency lighting is only a fraction of the normal lighting,  
24 yes, it's darker on Unit I than it is on Unit II, for sure, but it's  
25 still well-lit.

26 MR. COLLINS: Okay; all right; good. Anything else?

27 MR. GRIFFIN: That's all I've got for you.

28 MR. COLLINS: Okay; thanks for the update.

29 MR. GRIFFIN: You're welcome.

30 [Pause.]

31 MR. PROULX: This is David Proulx on the bridge.

1 MR. COLLINS: Hey, David.

2 MR. PROULX: Hello; you probably heard a lot of the update  
3 of John Griffin, and I listened in to a lot of the same conversation,  
4 and based on the electrical engineer's input, obviously, they don't  
5 think they're going to be able to ride out the plant process  
6 computer.

7 MR. COLLINS: Okay.

8 MR. PROULX: And, you know, as I said before, they've never  
9 used the temporary power hookup for the plant process computer  
10 abnormal procedure before, and when they started comparing the  
11 equipment, it looks like the draw of the temporary inverter they're  
12 going to use is -- the current draw from that is less than the load  
13 type of thing, so they're anticipating that the PPC will be gone in a  
14 couple of hours.

15 MR. COLLINS: That's what John just told me.

16 MR. PROULX: Yes.

17 MR. COLLINS: It's not like there's going to be much of an  
18 impact though.

19 MR. PROULX: I don't think so; I think they have plenty of  
20 indication in the control room, and they've got lots of extra people  
21 helping out, so I don't think they'll have any trouble monitoring the  
22 plant. Like he said, the things that they're going to lose are a few  
23 motor alarms and vibration -- temperature alarms and vibration alarms  
24 and things like that, but I don't think it's going to affect them  
25 monitoring the plant very much.

26 One thing that I needed to update you with is that the  
27 chemistry folks asked them to shut down -- cool down the plant in a  
28 certain way to prevent crud burst as they're coming down, calling it  
29 a soft shutdown kind of thing.

30 MR. COLLINS: Uh-huh.

31 MR. PROULX: And essentially what they're going to do is

1 cool down to 380 degrees and then stay there until tomorrow. And  
2 their plan is to hold that 380 degrees until tomorrow at 0800. Once  
3 they get there, to slowly cool down to 290 degrees by Tuesday at  
4 1600, hold there for another 6 hours, and then cool down the rest of  
5 the way; get ready for RHR and all that to get below 200 degrees  
6 maybe by midnight Wednesday. And, you know, they asked the question  
7 tech spec wise, because, you know, you get yourself in a tech spec  
8 shutdown and cooldown condition, right? But they're treating all the  
9 tech spec numbers as cumulative, and therefore, they're giving  
10 themselves 61 hours total for being able to get to cold shutdown.

11 Essentially, the tech spec on the loss of two sources of  
12 offsite power says -- all it says is within 24 hours, restore one  
13 source of offsite power. And it doesn't say what to do if you can't  
14 restore one source within 24 hours, so you assume you go to 303 once  
15 you get to -- if you make it to 24 hours with only one source.

16 MR. COLLINS: What happens when they complete their  
17 backfeeding?

18 MR. PROULX: When they complete their backfeed, they go back  
19 to tech spec 3.8.1.1.A, which gives them 72 hours to restore one  
20 offsite source.

21 MR. COLLINS: Okay.

22 MR. PROULX: So tech spec wise, they're going to be fine.

23 MR. COLLINS: Okay.

24 MR. PROULX: Assuming they make their schedule of getting it  
25 back by midnight, and we're still hearing times all over the place of  
26 when they think they're going to be able to backfeed. So, I'm not  
27 going to depend on any of those.

28 MR. COLLINS: Yes.

29 MR. PROULX: But the median estimate is by midnight tonight.  
30 So we should be expecting to still come in tomorrow with them still  
31 hot in mode three.

1 MR. COLLINS: Okay.

2 MR. PROULX: Let's see;

3 **DISK ID:A-00005, TAG ID:0000049072**

4 that's really about it. They're still working the ground buggies.  
5 It's not going as fast as they want, because they've got them all in  
6 respirators and bubble suits and booties and gloves and stuff, and  
7 it's not the normal condition that you'd be experiencing too, you  
8 know, to go install a ground buggy. So it's going a little bit  
9 slower; poor communication; a little bit less dexterity type of  
10 thing.

11 MR. COLLINS: Yes.

12 MR. PROULX: So, that's where they are with that.

13 MR. COLLINS: Okay.

14 MR. PROULX: Let's see, the actual plant conditions there at  
15 1,164 and 403 degrees. They're hoping to get to 380 in the next  
16 hour, and that way, when they get to -- and they want to get to 380  
17 degrees and 900 pounds, of course, and that's where they're going to  
18 be on their 12-hour or so chemistry hold, and they'd like to be there  
19 if their PPC goes out, and therefore, if they're stable, you know,  
20 when they lose the PPC, there's a lot less monitoring they have to  
21 worry about. So that will make it a lot easier for them.

22 MR. COLLINS: I understand they will not lose SPDS.

23 MR. PROULX: That is correct; right now, it's powered from  
24 Unit II. And there is like a switch where you can either power it  
25 from -- one from Unit I or one for Unit II or both from Unit I or  
26 both from Unit II, and they had it selected prior to this to both  
27 from Unit II just as a matter of coincidence, so it ends up that  
28 they'll be in good shape that way for SPDS.

29 MR. COLLINS: Yes.

30 MR. PROULX: Let's see; and that's all I can think of right  
31 now.

1 MR. COLLINS: All righty; Linda wants to run by the charter  
2 by you.

3 MS. SMITH: This is the way they've been doing charters  
4 there is sort of in the form of a letter, so it's a letter to Greg.  
5 And it goes on May 15, 2000, the licensee declared an unusual event  
6 when a fire in a 12 kV switch gear room lasted longer than 15  
7 minutes. Based on a preliminary review of the circumstances  
8 surrounding this event, the senior reactor analyst and the licensee  
9 agreed that the conditional core damage probability for this event  
10 was approximately 3E-5.

11 As described in the Revised Reactor Oversight Program, a  
12 special inspection is being chartered for the NRC to better  
13 understand this event. This memorandum designates you as the lead  
14 inspector for the special inspection.

15 Next paragraph.

16 Mr. David PROULX, the senior resident inspector, initially  
17 responded to the site to monitor licensee response. And when you're  
18 listening to this paragraph, David, I'm looking for comments that you  
19 might have about what would be the most efficient way to do this.

20 MR. PROULX: Okay.

21 MS. SMITH: Here's what I'm suggesting: Proulx will provide  
22 inspection report input related to his initial response;  
23 specifically, he will develop a sequence of events; provide an  
24 evaluation of initial operator response to the event; and provide a  
25 preliminary evaluation of the broader site response to the event.  
26 Lead inspection activities were conducted under the Emergency  
27 Response Program, 9AEA1E event response, and based on an inspection  
28 attachment 71153, event followup and 71111.04 equipment alignment.

29 After your arrival on site, Mr. Proulx's involvement in the  
30 special inspection will diminish as he returns to his role managing  
31 implementation of the baseline inspection program.

1 MR. PROULX: Say that last sentence again? I'm having  
2 trouble hearing you.

3 MS. SMITH: After you -- which will be Greg -- arrive on  
4 site, Mr. Proulx's involvement in the special inspection will  
5 diminish as he returns to his role managing implementation of the  
6 baseline inspection program. Mr. Dyle Acker, resident inspector,  
7 will be available starting May 16, 2000, to help you complete the  
8 remaining objectives for the inspection. They are: confirm the  
9 adequacy of the licensee's extent of condition determination and the  
10 associated corrective action plan prior to restart of Unit I.  
11 Confirm the adequacy of the licensee's root cause analysis and any  
12 associated corrective action to prevent recurrence of a similar  
13 condition. Evaluate the effectiveness of the fire brigade  
14 notification and response; evaluate the adequacy of the licensee's  
15 emergency classifications and the timeliness of the associated  
16 notifications.

17 These inspection activities should be conducted using  
18 inspection procedure 93812, special inspection, and any appropriate  
19 baseline inspection attachments. The inspection activities commenced  
20 on May 15, 2000, when Mr. Proulx responded to the site in response to  
21 this event. A report documenting the results of the inspection  
22 should be issued within 30 days of the completion of the inspection,  
23 tentatively scheduled for May 19, 2000.

24 This charter will be modified should the team develop  
25 significant new information that warrants review by the special  
26 inspection team. Should you have any questions concerning this  
27 charter, contact Linda Smith, da da da da da da.

28 So what I'm really needing to know from you is, is it  
29 unreasonable to think about you putting in like a sequence of events  
30 is one thing Elmo and I were talking about? It seems like you really  
31 know it real well, but you may not have gotten into the details with

1 all the alarm printouts and stuff yet.

2 MR. PROULX: I haven't had a chance to look at the alarm  
3 printouts yet.

4 MS. SMITH: Okay, I just remembered that you told me that  
5 when Scott came down that time, you ended up spending two days  
6 telling him all the stuff that you did so he could kind of redo it,  
7 you know, and I didn't want to do that. I wanted you to be a full  
8 participant in the team inspection and to utilize the information  
9 you've already gathered as effectively as possible.

10 MR. PROULX: Okay; yes. That will work out fine.

11 MS. SMITH: Huh?

12 MR. PROULX: That will work out fine.

13 MS. SMITH: Okay; so you think this description of your  
14 workload is okay?

15 MR. PROULX: Yes; it's fine.

16 MS. SMITH: Okay.

17 MR. PROULX: Can you let me know what Greg's schedule is if  
18 you have it off the top of your head?

19 MR. COLLINS: He's supposed to arrive in San Luis Obispo at  
20 7:30.

21 MR. PROULX: And he'll be arriving in LA when? Around  
22 4:00ish?

23 MS. SMITH: Well, he's supposed to call me from LA, so he  
24 ought to be calling soon.

25 MR. PROULX: Okay.

26 MS. SMITH: 5:00 your time; he said he had a long layover in  
27 LA, and he was going to leave at about 2:00, and 2:00, 3:00, 4:00 --  
28 yes, it's about three hours.

29 MR. PROULX: A three-hour flight and another two hours.

30 MS. SMITH: 3:30 their time, which is about 4:00 your time.  
31 And what we were going to have him do was to go to the site, and I

1 did get a hold of Dyle, and Dyle is going to go ahead and finish up  
2 and head towards the site, and he's going to call me about 10:00 p.m.  
3 your time so that -- to find out whether or not he needs to go to the  
4 site or just go to his apartment. But big picture, the goal, is to  
5 have Greg there, when he gets there, to relieve you and then Dyle to  
6 relieve Greg.

7 MR. PROULX: Okay; so, Dyle is planning on leaving the Bay  
8 Area at around 6:00, huh?

9 MS. SMITH: Yes; he said he could get to the site by 2:00  
10 our time or midnight your time.

11 MR. PROULX: Oh, okay.

12 MS. SMITH: And he'd be good through 6:00 in the morning,  
13 but then he'd be, you know, wasted tomorrow.

14 MR. PROULX: Okay.

15 MR. COLLINS: We're all going to be wasted tomorrow.

16 [Laughter.]

17 MS. SMITH: Did you get a chance to do anything to check  
18 those alignments and all, or is that too hard with the bubble suits  
19 and stuff, I bet?

20 MR. PROULX: It's -- they're really on restricting access  
21 right now, so I'm staying out of the way of that.

22 MS. SMITH: That sounds smart.

23 **DISK ID:A-00005, TAG ID:0000049075**

24 Okay, well that's all I have. I appreciate your input.

25 MR. PROULX: Okay.

26 MS. SMITH: These are great digital pictures. Did you get  
27 to see any of them? I guess you saw the real thing.

28 MR. PROULX: Yes; I had them before you guys did actually.  
29 And I asked them to send them to you guys once they gave them to me.

30 MS. SMITH: It's nice.

31 MR. PROULX: Yes; it -- it gives a good perspective,

1 although, you know, when you look at the pictures, it looks small,  
2 but up, but when you're in there, you can see how actually big this  
3 ductwork is, and you get an appreciation for boy, that was a big --

4 MR. ANDREWS: You see the ductwork is about 2 foot across?

5 MR. PROULX: It's about three feet in one direction and  
6 about four in the other, and that one hole you're seeing is about  
7 three feet in diameter type of thing. So it's pretty --

8 MR. COLLINS: It's a good thing you didn't use a telephoto  
9 lens.

10 MR. PROULX: Yes; so, it's some pretty massive stuff, but it  
11 gives you a good appreciation for that and the extent of the shrapnel  
12 that hit all the other nearby panels and charring the [inaudible]  
13 experience from the fireball.

14 MR. COLLINS: I'm glad I wasn't in there when it went.

15 MR. PROULX: Me, too, you know, I've been through that room  
16 a zillion times in my two years here, and glad it just didn't happen  
17 when I was in there.

18 MR. COLLINS: All that energy floating around.

19 MR. PROULX: Yes.

20 Well, that's all I have from this end. Any additional  
21 comments or questions?

22 MR. COLLINS: No; what time do you want to update us again?  
23 About 4:00?

24 MR. PROULX: Yes; about 4:00, and if I have any updated news  
25 on PPC or if they lose it, I'll let you know right away too.

26 MR. COLLINS: Okay.

27 MS. SMITH: Did you get the word that their temporary power  
28 for the switchyard was fully functional?

29 MR. PROULX: Yes, and that was at about -- that was at about  
30 1:30 my time.

31 MS. SMITH: Okay; they didn't tell us until 2:30 your time

1 but close enough. That's good; I was really kind of nervous about  
2 that. I'm glad that they got that in.

3 MR. PROULX: Okay.

4 MS. SMITH: Okay.

5 [Pause.]

6 **DISK ID:A-00005, TAG ID:0000049083**

7 MR. PROULX: Hi, this is Dave Proulx back online.

8 MR. COLLINS: Hi, Dave.

9 MR. PROULX: Hey; the licensee is informing me that on their  
10 way down, they may have violated a tech spec, and they are declaring  
11 themselves in tech spec 3.0.3 for this potential tech spec violation.  
12 And it concerns tech spec 3.5.1, if you have them there in front of  
13 you?

14 MR. COLLINS: We don't have them.

15 MR. PROULX: Oh, my gosh; you don't have the tech specs in  
16 the IRC? Well, anyway, the tech spec basically says that the  
17 accumulator isolation valves must be opened with the power removed  
18 anytime you're above 1,000 pounds. They got a little ahead of  
19 themselves, and, you know, the shift foreman is giving orders to make  
20 preps to get the power back on through the discharge valves to the  
21 accumulators, and they went ahead and closed in on the breakers when  
22 they were at about 1,200 pounds, which there's no action for, so  
23 that's the 3.0.3 entry, and they did it for all four accumulators.

24 MR. COLLINS: I guess I'm not following. Why is the power  
25 to be removed above 1,000 pounds?

26 MR. PROULX: So that you have a guaranteed path of  
27 accumulator injection when you're pressurized and hot.

28 MR. COLLINS: I see; so the valves are still open; they just  
29 had power.

30 MR. PROULX: Yes, yes.

31 MR. COLLINS: And then why did he close in on the breakers?

1 MR. PROULX: It looks like the shift foreman gave the order  
2 because -- well, the next step in the procedure said at approximately  
3 900 pounds, restore power to --

4 MR. COLLINS: So they're in their general cooldown  
5 procedure.

6 MR. PROULX: Yes; in their general cooldown procedure, it  
7 says at approximately 900 pounds, close the breakers and restore  
8 power to the discharge MOVs of the accumulators. Well, when they  
9 were at about 1,200, you know, and he gives the order out to the EO  
10 to start making preps to get those breakers going, and the  
11 communication didn't happen well, and that ended up being go and  
12 close the breakers so --

13 MR. COLLINS: Why don't they just open them back up again?

14 MR. PROULX: They are; well, let me see.

15 MR. COLLINS: That would take them out of 3.0.3, right?

16 MR. PROULX: Well, I think they just got below 1,000. Let  
17 me -- yes, they did.

18 MR. COLLINS: Well, that will take care of it, too.

19 MR. PROULX: Yes.

20 MR. COLLINS: Sounds like one of those deals, huh?

21 MR. PROULX: Yes; so, they're out of it now. They just  
22 dropped below 1,000. So I guess that's another path out of it.

23 MR. COLLINS: So --

24 MR. PROULX: So I think they're going to --

25 MR. COLLINS: That's just an interesting point now.

26 MR. PROULX: So they are going to update that to the NRC ops  
27 center.

28 MR. COLLINS: Okay.

29 MR. PROULX: The inadvertent 3.0.3 entry.

30 MR. COLLINS: Okay.

31 MR. PROULX: So, that's just another thing to throw into the

1 issue bin of look at that.

2 MR. COLLINS: Yes, sir.

3 MR. PROULX: So --

4 MR. COLLINS: Anything else, Dave?

5 MR. PROULX: No, I just needed to tell you that just right  
6 now, because they just informed me of it, and it's kind of one of  
7 those things that they call you at home, and you call the branch  
8 chief, and you know, you know, just to keep you guys informed.

9 MR. COLLINS: Routine followup on that one.

10 MR. PROULX: Yes.

11 MR. COLLINS: Okay.

12 MR. PROULX: So I'll be offline. The licensee will probably  
13 be reporting this to the ENS through the open line shortly as they  
14 make out their notification sheet. So you'll hear about it.

15 MR. COLLINS: Okay; all right.

16 MR. PROULX: All right; I'll update you again at 4:00,  
17 assuming nothing else crops up between then and now.

18 MR. COLLINS: Okay; thanks.

19 MR. PROULX: All right; bye.

20 MR. COLLINS: Bye.

21 [Pause.]

22 **DISK ID:A-00005, TAG ID:0000049092**

23 MR. GRIFFIN: This is Diablo Canyon Unit I.

24 MR. COLLINS: This is Region IV.

25 MR. GRIFFIN: Hi, Region IV; this is John Griffin again.  
26 The Unit I shift foreman asked me to provide you some information of  
27 a problem tech spec wise that we inadvertently introduced during  
28 plant cooldown. We inadvertently entered tech spec 3.0.3 obviously  
29 unintentionally during the plant cooldown in that while we were still  
30 above 1,000 pounds in the reactor coolant system, we restored  
31 electrical power to the accumulator isolation valves for the loops.

1 In other words, we got ahead of ourselves in the procedure.

2 And although we never closed the isolation valves, we did  
3 restore power to them, and we're supposed to have power removed with  
4 RCS pressure above 1,000 pounds.

5 MR. COLLINS: Okay.

6 MR. GRIFFIN: So the shift foreman determined that he  
7 actually inadvertently entered 3.0.3 at 12:05. Somewhere around  
8 14:30 or so, he actually restored -- or somewhere around 14:30, he  
9 recognized what he had done, and then, at 15:05, we actually had  
10 taken RCS pressure less than 1,000 pounds, so we were out of 3.0.3.

11 MR. ANDREWS: Okay; are you telling us this so that -- as  
12 your notification and --

13 MR. GRIFFIN: No, not at all; it's for informational --  
14 we're looking at our notification procedure right now, and we're  
15 thinking that this is a written report sort of item, but since --  
16 we're verifying that, but the shift foreman, since I had you on the  
17 line, wanted me to let you know that we had experienced this problem  
18 during the plant cooldown for information purposes.

19 MR. COLLINS: Okay; good.

20 MR. GRIFFIN: And we've addressed it.

21 MR. COLLINS: Okay; I appreciate that update.

22 Any other info?

23 MR. GRIFFIN: Nothing else; we still have the PPC available,  
24 and they're still looking at the potential for using a temporary  
25 battery charger as a jumper; in fact, the shift manager is talking to  
26 our computer expert on it right now, and they're debating back and  
27 forth about the possibility of doing that.

28 MR. COLLINS: Okay; PPC is still hanging on.

29 MR. GRIFFIN: It's still there.

30 MR. COLLINS: Any other critical equipment that you might  
31 lose before you restore backfeed through the main transformer?

1 MR. GRIFFIN: Nothing that comes to mind, but I'll do a poll  
2 and kind of walk around and see what people are thinking about. I  
3 haven't heard anybody voice a concern about anything other than the  
4 PPC recently, but that's a good question, and I'll find out what  
5 people are thinking about and if there are any other concerns than  
6 what we've discussed already.

7 MR. COLLINS: I just want to make sure we know where we're  
8 at.

9 MR. GRIFFIN: Yes, I understand exactly, and I will do that  
10 right now.

11 MR. ANDREWS: John, one thing.

12 MR. GRIFFIN: Yes?

13 MR. ANDREWS: I didn't hear the answer to the question about  
14 the telephones. Did you ever get a formal answer on that or?

15 MR. GRIFFIN: Oh, yes; I got a definitive answer that phone  
16 communications are totally off vital power and switchable between the  
17 units, so we do not have a problem with offsite communications or  
18 will we have a problem if we don't get the backfeed. I'm sorry; that  
19 was a question you asked me early this morning, right?

20 MR. ANDREWS: Yes, it is.

21 MR. GRIFFIN: That's a definitive answer. We will not have  
22 a problem with our phone communications.

23 MR. ANDREWS: They told me that that's what you thought it  
24 was, but you had not got that in.

25 MR. GRIFFIN: I apologize. Yes; I've had that answer for  
26 quite awhile.

27 MR. ANDREWS: Okay.

28 MR. COLLINS: Okay.

29 MR. GRIFFIN: Okay; and I'll go follow up on that question  
30 you just asked me.

31 MR. COLLINS: All right; thank you.

1 MR. GRIFFIN: You're welcome.

2 [Pause.]

3 **DISK ID:A-00005, TAG ID:0000049122**

4 MR. PROULX: Hello; this is David Proulx on the bridge. Is  
5 anybody else on the bridge?

6 MR. COLLINS: Dave, we got the incident response center here  
7 along with Ellis here, and Ken's on the phone.

8 MR. PROULX: Okay.

9 MR. COLLINS: You were going to call in and give us an  
10 update at 4:00. Why don't you just go ahead and give that and let  
11 everyone hear it.

12 MR. PROULX: Well, I think it is 4:00.

13 MR. COLLINS: Pardon? That's time.

14 MR. PROULX: Pardon me?

15 MR. COLLINS: Go ahead and give us your update.

16 MR. PROULX: Okay; current plant status is they are at 380  
17 degrees and 900 pounds, and they are at their chemistry hold to help  
18 with the cleanup from any crud burst from, you know, getting their  
19 RHR real high dose rates, and they're going to be holding there until  
20 0800 tomorrow. And they got to 380 and 900 at 15:35 PDT. Let's see;  
21 the PPC is still holding up. They don't know if they'll make it any  
22 more than an hour or two on it at its current drawdown, but it's  
23 still holding on fine.

24 MR. COLLINS: Have they made a final decision on whether or  
25 not to use the temporary battery charger?

26 MR. PROULX: They're still talking. I think they're leaning  
27 towards not, but they're still talking about it. They haven't made a  
28 final decision.

29 MR. MERSCHOFF: What's the worst thing that can happen if  
30 they lose the PPC, Dave?

31 MR. PROULX: The worst thing that can happen is they'll lose

1 some monitoring capability. Some things are only on the PPC, such as  
2 alarms, such as pump bearing temperatures and some pump vibration  
3 alarms. Other than that, most of the -- everything else is  
4 annunciated, or they can get off just the boards for monitoring  
5 temperatures and pressures.

6 The good thing is that they're stable and not cooling down  
7 anymore now that they're at 380 and 900, and they're just going to  
8 stay right where they are. But if they had a problem with any of  
9 their operating balance of plant type pumps, they could miss the  
10 annunciation on that. That's really the worst thing that could  
11 happen.

12 MR. COLLINS: Okay; what else, David?

13 MR. PROULX: And, of course, they do have this SPDS as a  
14 backup to the plant process computer, although the SPDS doesn't have  
15 those extra annunciators on them for the pump temperatures and the  
16 bearing temperatures and vibration alarms. It does have a lot of the  
17 primary parameters, and that's powered from Unit II, so they won't  
18 lose the SPDS.

19 Let's see; they're still working on installing ground  
20 buggies, and they're still estimating another good hour before  
21 they'll be done with that.

22 MR. COLLINS: And once that's done, what's the estimate for  
23 backfeeding?

24 MR. PROULX: Once that's done, they have to go and remove  
25 the disconnects.

26 MR. COLLINS: They finally will be ready to go do that.

27 MR. PROULX: Pardon me?

28 MR. COLLINS: Remove disconnects.

29 MR. PROULX: Right; they say a few hours to do that itself,  
30 because they actually have to take apart some of the top parts of the  
31 aux transformer to even get to the disconnects. It's not a straight

1 reach in and turn a switch, and it comes apart. They actually have  
2 to do some disassembly to get to it.

3 MR. COLLINS: What's a few hours? Three or four?

4 MR. PROULX: Yes; and then, once they get that, they're  
5 talking an hour, maybe two, for backfeeding.

6 MR. COLLINS: So we're looking at five to seven hours, is  
7 their estimate.

8 MR. PROULX: That's what they're saying. I think the  
9 midnight time still looks maybe about right.

10 MR. COLLINS: Okay. Did we ever get a report of possible  
11 sources for the PCBs that they detected in the switch gear room?

12 MR. PROULX: Yes; some of the seals around the penetrations  
13 going into the room have some PCBs in them, and they're thinking  
14 maybe the fireball may have affected some of those as they had the  
15 fire. They're not detecting any PCBs right now. And their initial  
16 detection of them was, you know, a trace at most so --

17 MR. COLLINS: Okay.

18 MR. PROULX: But as a precaution, they're still having those  
19 doing work in respirators, but if you are going -- you can go into  
20 the building, but they'll still make you wear tyveks, coveralls and  
21 booties and gloves and that type of thing, but you don't have to wear  
22 a respirator just to go in the building as long as you're not in the  
23 immediate work area.

24 MR. COLLINS: Okay; what else?

25 MR. PROULX: Let's see; and I guess they've probably updated  
26 you by now of their tech spec problem that they had an hour or two  
27 ago, right?

28 MR. COLLINS: Yes.

29 MR. PROULX: Okay; and they've already written an AR, and  
30 they're all working on that right now.

31 MR. COLLINS: Okay.

1 MR. PROULX: I don't have anything more that's new since the  
2 last time we talked.

3 Any additional information or questions?

4 MR. COLLINS: I don't think we have any questions.

5 MR. MERSCHOFF: The main thing, I feel a little bit out of  
6 touch today, Dave. Anything unusual in the course of the day? Any  
7 equipment that didn't work as intended either during the event or  
8 after? Did we learn anything more about that main steam relief valve  
9 that failed to reseal?

10 MR. PROULX: You know, they did not believe that that was  
11 all that unusual; that the one that lifted, according to their looks  
12 at the PPC printouts, lifted at the very low end but within spec,  
13 because it's one of those that's -- 1065 relief valves; it's like  
14 plus or minus 30, and if you're talking about 1035, and when you shut  
15 those MSIVs, you get a little bit of a spike in pressure in the steam  
16 generators. That can just get you above that lift point of the  
17 lowest relief valve.

18 Now, they have a -- I believe a 10 percent blowdown, so you  
19 have to lower pressure before it will reseal, so they had to do that.  
20 They don't believe that that was a stuck open relief. They believe  
21 it was a relief valve that was open and stayed open until they got  
22 adequate blowdown on the pressure.

23 MR. MERSCHOFF: Their 50.72 said it failed open.

24 MR. PROULX: I would say that their current thinking is that  
25 it's not an entirely true statement.

26 MR. MERSCHOFF: Well, yes; we don't know if they faxed this  
27 in or not, right? Yes; okay; yes; steam generator code safety valve  
28 failed to open 25 to 30 minutes, and you don't think that they would  
29 characterize it that way?

30 MR. PROULX: I don't think they would characterize it that  
31 way, and as a matter of fact, when they had an event a year or two

1 ago, when they had the kelp attack and the open steam generator  
2 relief that was open for

3 **DISK ID:A-00005, TAG ID:0000049125**

4 like 7 or 8 hours, that one -- they don't consider that one to be  
5 stuck open either. It was just that they didn't have the set point  
6 on it correct, and they didn't lower pressure like they should have  
7 to get the right amount of blowdown. So that one really didn't fail  
8 open either, so - -

9 MR. COLLINS: Okay.

10 MR. MERSCHOFF: Any other equipment that didn't work as  
11 expected either during the event or through the course of the day?

12 MR. PROULX: Let's see; I'm looking at my timeline here.

13 [Pause.]

14 SPEAKER: And what's the weather like? Thunderstorms? High  
15 winds? Kelp? Anything exciting?

16 MR. PROULX: Cloudy and a little drizzle. You know, last  
17 night on the news, they said we had a 10 percent chance of  
18 thunderstorms here, and that hasn't come to fruition for today. But  
19 right now, it's partly cloudy and cool, and that's about it.

20 SPEAKER: Okay.

21 MR. PROULX: Let's see.

22 SPEAKER: Okay; Dave; thanks for the update.

23 MR. PROULX: Okay; you're welcome.

24 MR. COLLINS: We'll hear from you -- be on at 7:00 for the  
25 brief.

26 MR. PROULX: 1700 Pacific.

27 MR. COLLINS: Excuse me; yes; 17:00 Pacific. I apologize  
28 for not being clear.

29 MR. PROULX: Okay; let me ask the question of them on the  
30 steam generator safety and ask them if they've thought about whether  
31 or not they need to update us on that.

1 SPEAKER: Okay; did they ever update the aux transformer  
2 exploding?

3 MR. COLLINS: Yes.

4 MR. BROCKMAN: We got that done early this morning.

5 MR. COLLINS: Okay, Dave.

6 MR. PROULX: Okay.

7 MR. MERSCHOFF: Are there any secure criteria in terms of  
8 the plant [inaudible]? My thoughts are once they restore offsite  
9 power down to the 4 kV; I'd like to give it an hour.

10 SPEAKER: Okay.

11 MR. MERSCHOFF: And if all is well and stable, an hour after  
12 that.

13 SPEAKER: Okay.

14 SPEAKER: We'll consider that stable.

15 [Pause.]

16 MR. PROULX: Okay; is there anything else I can get for  
17 anybody here at the site? Information or questions?

18 SPEAKER: Okay; go ahead. I'll be home when I get home.

19 [Pause.]

20 MR. PROULX: Okay; everybody at the region, this is Dave.  
21 I'm going to sign off until 5:00 or we get any significant change in  
22 plant condition.

23 MS. SMITH: Hold on. David, I just wanted to tell you,  
24 confirm with you, that I just finished speaking with Greg, and he  
25 does know he's going to be coming in as soon as he gets there.

26 MR. PROULX: Okay; that would be fine.

27 MS. SMITH: Thanks.

28 MR. PROULX: All right.

29 [Pause.]

30 **DISK ID:A-00005, TAG ID:0000049133**

31 MR. GRIFFIN: Region IV, this is Diablo Canyon Unit I.

1 MR. COLLINS: NRC is on the bridge.

2 MR. GRIFFIN: Yes, sir; the last time I talked to you, you  
3 asked me a question about any concerns we had about any other  
4 impending losses.

5 MR. COLLINS: Right.

6 MR. GRIFFIN: And our major concern still remains the PPC.  
7 Prior to backfeeding, that's really the only concern we have about as  
8 far as loss of nonvital DC, and I think we talked about, you know, we  
9 don't want to lose the PPC; we have some plans for hopefully being  
10 able to restore it if we do lose it. We do lose some alarm  
11 capability if we lose the PPC, but we do have the necessary  
12 information to maintain the plant using other systems.

13 MR. COLLINS: Okay.

14 MR. GRIFFIN: But that is our major concern is the PPC.

15 MR. COLLINS: You're going to use your temporary battery  
16 charger?

17 MR. GRIFFIN: They're talking about doing that. I don't  
18 know if the final decision is being made, but they're setting up to  
19 do it.

20 MR. COLLINS: Well, if they did it now, it wouldn't be too  
21 early, would it?

22 MR. GRIFFIN: No, and it sounds to me like they are going to  
23 try and do it.

24 MR. COLLINS: Okay; good.

25 MR. GRIFFIN: And that's the latest on that, and also, David  
26 Proulx had mentioned to me that when we made our initial notification  
27 last night that we made some kind of statement that a safety valve on  
28 a steam generator had failed open.

29 MR. COLLINS: Let me clarify that comment.

30 MR. GRIFFIN: Yes.

31 MR. COLLINS: If you read our 50.72 report of your

1 notification --

2 MR. GRIFFIN: Yes, sir.

3 MR. COLLINS: -- it said that.

4 MR. GRIFFIN: It says that.

5 MR. COLLINS: So I'm not sure whether you said that, or we  
6 kind of read that into what you said and recorded it that way.

7 MR. GRIFFIN: I understand; and in any case, one certainly  
8 did lift when we set the main seam isolation valves. The low set on  
9 one of the leads lifted. That's not unusual. I mean, that has  
10 happened before. It comes within the accuracy of the low set safety  
11 valve. And it didn't fail open. We did take control of a 10 percent  
12 dump valve in order to lower the pressure on that generator to cause  
13 the valve to reseal, but we don't consider that anything outside of  
14 abnormal operation, or we certainly wouldn't call that a failed open  
15 safety valve.

16 MR. COLLINS: Okay.

17 MR. GRIFFIN: We wanted to clarify that with you guys.

18 MR. COLLINS: Okay; good; I appreciate that.

19 What else do you have?

20 MR. GRIFFIN: We will be maintaining the plant at -- see,  
21 I've got it written down here -- at its current status until 8:00  
22 tomorrow morning, and that current status is 380 degrees and 980  
23 pounds.

24 MR. COLLINS: All right.

25 MR. GRIFFIN: And then, we're going to continue on from  
26 there.

27 MR. COLLINS: Okay.

28 MR. GRIFFIN: And the latest I'm hearing is possibly -- I  
29 don't know what you're hearing, but I'm hearing backfeeding, you  
30 know, potentially by 18:00.

31 MR. COLLINS: Your time?

1 MR. GRIFFIN: Yes.

2 MR. COLLINS: That's an hour and 35 minutes away.

3 MR. GRIFFIN: That's, you know, what I'm hearing.

4 MR. COLLINS: Okay; I've heard five to seven hours.  
5 Okay; well, I like your number better.

6 MR. GRIFFIN: Yes, me, too. I'm sure you guys don't want to  
7 be on the phone with me anymore either.

8 MR. COLLINS: Okay; good.

9 MR. GRIFFIN: Okay, guys, that's what I know.

10 MR. COLLINS: All right; all right; thanks for the update,  
11 John.

12 MR. GRIFFIN: You're welcome.

13 MR. COLLINS: All right; bye.

14 MR. GRIFFIN: Bye.

15 [Pause.]

16

17 **DISK ID:A-00005, TAG ID:0000049155**

18 MR. GRIFFIN: Hi, Region IV; this is John Griffin on Diablo  
19 Canyon Unit I.

20 MR. ANDREWS: This is Region IV on the line.

21 MR. GRIFFIN: I just want to let you know we still do have  
22 the PPC available, and we're looking at another temporary  
23 modification that we think might work a little bit better, and that  
24 is a temporary AC input to the PPC inverter. We're actually looking  
25 at doing that right now, and that looks like something that might  
26 satisfy our PPC person a little better than a temporary battery  
27 charger.

28 So, in any case, we still have the PPC, and they're looking  
29 at temporary AC jumper to the inverter for the PPC to maintain it.

30 MS. SMITH: Is that jumper coming from Unit II, or is it  
31 coming from safety related power?

1 MR. GRIFFIN: I don't know the answer to that, Linda.

2 MS. SMITH: Okay.

3 MR. GRIFFIN: Is this Linda?

4 MS. SMITH: Yes, that was Linda.

5 MR. GRIFFIN: Yes; I do not know the answer to it. It's the  
6 first time I heard about it, I heard them discussing doing that, and  
7 the computer guy liked that idea a lot better. I'm not sure where  
8 the power's coming from, but I can find out.

9 The other thing I wanted to let you know is the last time we  
10 talked, we clarified our original statements regarding the safety  
11 valve on Unit I.

12 MS. SMITH: Right.

13 MR. GRIFFIN: We also noticed in the NUE event text that the  
14 first sentence talks about an auxiliary transformer exploding and  
15 catching on fire.

16 MS. SMITH: That would be true.

17 MR. GRIFFIN: No, that's really not correct; that's not  
18 accurate by us to have said if that's the way that that came to you,  
19 that the transformer exploded. As a matter of fact, the damage is  
20 really downstream of the transformer to the various busworks, so the  
21 actual aux transformer itself, there was no explosion in the  
22 transformer.

23 MS. SMITH: John?

24 MR. GRIFFIN: Yes?

25 MS. SMITH: We were aware of that, but that's the way it was  
26 reported on the 50.72.

27 MR. GRIFFIN: That's what I had the feeling. So I think  
28 what I'll do, Linda, is I'm going to rewrite this little summary and  
29 fax it to you.

30 MS. SMITH: Okay; now, what happened during the day was we  
31 were told that you all planned to issue an update to correct --

1 MR. GRIFFIN: Oh, is that right?

2 MS. SMITH: -- the 50.72, and so, I think the gentleman

3 before you did that. But the problem was that it doesn't get updated

4 on the Web until tomorrow morning. So when we wrote the PN, which

5 goes on the Web today, we were clear that it was a fault in the

6 buswork and not a transformer explosion.

7 MR. GRIFFIN: Oh, so you knew that.

8 MR. MERSCHOFF: Did we get a copy of the revised 50.72?

9 MS. SMITH: No, but we have not received a copy of the

10 revised 50.72, so you might want to check on that.

11 MR. ANDREWS: Well, I can get that from the Ops Officer.

12 MR. MERSCHOFF: Yes; we'll check with the Ops Officer, and

13 if there hasn't one, you would need to submit a revised 50.72 rather

14 than faxing it to us.

15 MR. GRIFFIN: Great; and how long would it take you to find

16 out if there's been a revised 50.72?

17 MR. MERSCHOFF: They're doing it now.

18 MR. GRIFFIN: Okay; great.

19 [Pause.]

20 MR. PROULX: This is David Proulx on the bridge. Is anybody

21 else there?

22 MS. SMITH: David?

23 MR. PROULX: Would you like me to get onto the management

24 bridge, Linda?

25 MS. SMITH: You should call the headquarters operations

26 officer, and he'll put you on a different bridge for this briefing.

27 MR. PROULX: Okay; thank you very much.

28 MS. SMITH: Thank you.

29 MR. PROULX: Bye.

30 MR. ANDREWS: John?

31 MR. GRIFFIN: Yes?

1 MR. ANDREWS: There was an update at about 9:00 a.m. this  
2 morning.

3 MR. GRIFFIN: Yes.

4 MR. COLLINS: And I'm going to have a copy of that faxed to  
5 me so we can see what it says.

6 MR. GRIFFIN: Great, and I will talk to you again maybe in  
7 15 minutes.

8 MR. COLLINS: Okay.

9 MR. GRIFFIN: I mean, is that reasonable?

10 MS. SMITH: We're about to do a briefing. You might want to  
11 give us 20.

12 MR. GRIFFIN: I will certainly do that.

13 MS. SMITH: Okay; thank you.

14 MR. GRIFFIN: Thank you very much.

15 MS. SMITH: Uh-huh.

16 MR. GRIFFIN: Bye now.

17 [Pause.]

18 **DISK ID:A-00005, TAG ID:0000049206**

19 MR. PROULX: This is David Proulx, senior resident. Is  
20 anybody on the line, please?

21 SPEAKER: Jim Melfi is here, David.

22 MR. PROULX: You there by yourself?

23 SPEAKER: Linda's here. Do you need to talk to her?

24 MR. PROULX: Well, what I wanted to do was update you guys  
25 on the loss of the plant process computer.

26 SPEAKER: That would be good to know. She's here.

27 MS. SMITH: Hi, David. You got any updates?

28 MR. PROULX: Yes; the plant process computer comes off of a  
29 -- comes off of a bus itself, a PPC computer bus that has a couple of  
30 other things on it which probably you might want to know about.

31 MS. SMITH: Okay.

1 MR. PROULX: It supplies power to -- this is a question that  
2 was asked a long time ago in the negative, but that inverter also  
3 supplied power to the Unit I phones.

4 MS. SMITH: Okay.

5 MR. PROULX: So they don't have any outside phone lines for  
6 Unit I currently, but Unit II's phones are fine, and we're all  
7 together here, so that should be okay.

8 MS. SMITH: Okay.

9 MR. PROULX: And, of course, the ENS is fine as well. In  
10 addition, they lost the plant vent, the indication in the control  
11 room; in other words, the fact monitoring.

12 MS. SMITH: How would they alternatively get that  
13 information?

14 MR. PROULX: They have local panels that are powered from a  
15 different power supply that are still operable, and they are required  
16 by procedure to periodically, which I believe is every four hours, go  
17 and monitor that - -.

18 MS. SMITH: Okay.

19 MR. PROULX: So they do have an alternate there, but I just  
20 thought that you needed to know that there were other things affected  
21 by the loss of the PPC inverter.

22 MS. SMITH: Okay; and they have evaluated that and don't  
23 view it as a significant loss of emergency assessment capability  
24 because they have that alternative method?

25 MR. PROULX: Well, they do have the SPDS, which gives them,  
26 for what they're doing, a lot of the same things that they had on the  
27 PPC. They have -- right here, they have this Tav, steam generator  
28 levels, pressurizer level, cooldown rate, et cetera, et cetera.

29 MS. SMITH: Okay.

30 MR. PROULX: So it's a lot of the same stuff that they were  
31 monitoring before. It's just in a different format.

1 MS. SMITH: Okay.

2 MR. PROULX: On the SPDS. It's not as convenient, but they  
3 are doing fine with that.

4 MS. SMITH: Well, should you lose the phones on Unit II for  
5 some unknown reason, Tom said that it's his understanding that the  
6 Iridium phones are still working.

7 MR. PROULX: The Iridium phones?

8 MS. SMITH: Yes.

9 MR. PROULX: All right.

10 MS. SMITH: So, you know, that's not a good thing to try to  
11 do, but if you get desperate, it's a possibility.

12 MR. PROULX: Okay; I thought those things are falling from  
13 the sky by now.

14 MS. SMITH: Well, the Government's still, you know, kind of  
15 negotiating and kind of on a day-to-day basis. I think the  
16 Department of Defense is looking at the possibility of using it.

17 MR. PROULX: Taking it over and --

18 MS. SMITH: Right; it fits a need, you know.

19 MR. PROULX: Well, the NRC phone still works in here so --  
20 and the ENS obviously is also from a different power supply as well.

21 MS. SMITH: I just wanted you to know that's a possible  
22 fallback option. I wouldn't have thought of it if Tom hadn't  
23 mentioned it.

24 MR. PROULX: Okay; I've asked around the control room to  
25 start on talking with the ISO about it being a no-touch or no-contact  
26 or no-work on 500 kV or 230 kV grid, and none of the ROs or SROs in  
27 here had even thought of that, so I'm probably going to have to go up  
28 another level and talk to whoever is in charge right now.

29 MS. SMITH: Okay.

30 MR. PROULX: We have a manager onsite, Steve Fridley, who's  
31 kind of like the site coordinator right now.

1 MS. SMITH: Okay.

2 MR. PROULX: I guess the site emergency coordinator in their  
3 emergency plan, so I can talk to him.

4 MS. SMITH: And you already had confirmed that that Moro Bay  
5 issue was not currently a problem, because they have the tap changing  
6 capacitor banks and stuff.

7 MR. PROULX: That's right; all the voltages coming in on  
8 startup are right in the middle of the band.

9 MS. SMITH: Okay; thanks.

10 MR. PROULX: And they are on tap 4 for your information.

11 [Laughter.]

12 MS. SMITH: Okay; thanks.

13 MR. PROULX: If that means anything to you.

14 MS. SMITH: No, I don't know how many taps they have.

15 MR. PROULX: They're normally on tap 7, and when they're  
16 lightly loaded at night, it backs off to tap 8, but because they have  
17 a lot of their loads on startup, mainly, the reactor coolant pumps,  
18 it demands a lower tap setting.

19 MS. SMITH: Okay; sounds like you're all over it.

20 MR. PROULX: Yes.

21 MS. SMITH: We've got Jim in here now, and I'm supposed to  
22 stay until midnight, and hopefully, Greg will get there pretty quick  
23 for you.

24 MR. PROULX: So you're second shift too, huh, Linda?

25 MS. SMITH: I got a break. I went to Starbucks and got a  
26 triple [inaudible] latte. It's dangerous.

27 MR. PROULX: Yes.

28 MS. SMITH: Okay; well, thanks. Are you going to check in  
29 again in about 30 minutes or so? How often have you been checking  
30 in?

31 MR. PROULX: I don't know; it's been about hourly.

1 MS. SMITH: Okay.

2 MR. PROULX: But, you know, hourly or if anything of  
3 significance comes up that you need to know about right away.

4 MS. SMITH: Okay.

5 MR. PROULX: I felt I needed to let you know immediately  
6 about the PPC because you were discussing all the options they were  
7 considering.

8 MR. MELFI: Do you know when they're going to be able to get  
9 the temp mod installed?

10 MR. PROULX: They are now saying that they're not even going  
11 to bother with it, because they look at the draw of the PPC is 140  
12 amps, and that temporary charger they have is only 100 amps, so all  
13 it's going to do is drag the battery down further. So, temp mod  
14 doesn't even look like it's going to work.

15 MS. SMITH: Well, then, there was that second temp mod with  
16 the alternate AC supply to the inverter. Did you hear about that  
17 one?

18 MR. PROULX: No.

19 MS. SMITH: I think that John briefed us instead of you.

20 MR. PROULX: Oh.

21 MS. SMITH: They decided the charger wasn't going to work  
22 because of the ratings, which matches what you heard.

23 MR. PROULX: Right.

24 MS. SMITH: And they were considering a second temp mod  
25 where they would provide an alternate -- you know how inverters  
26 usually have a maintenance AC input.

27 MR. PROULX: Yes, right.

28 MS. SMITH: So where they would provide a temporary input to  
29 that so that the inverter would work that way.

30 MR. PROULX: Oh, dirty power, in other words.

31 MS. SMITH: Dirty power, yes.

1 MR. PROULX: I hadn't heard that they were working on that.

2 MS. SMITH: But they hadn't said they were going to do it.

3 They were just considering. But it sounds like they're set up to

4 deal without the computer so --

5 MR. PROULX: Right.

6 MS. SMITH: Just keep us posted. I appreciate you.

7 MR. PROULX: Well, I'm going to try to get a better status  
8 on the ground buggies. They just keep telling me it's working; it's  
9 working; it's working, but they still have not even started on the  
10 disconnects yet so --

11 MS. SMITH: Okay; so it could be a long night.

12 MR. PROULX: Yes; yes; it's kind of a bad night for me to  
13 stay tonight, too. My kid's going to be mad at me, but, you know, I  
14 -- they understand the thing of my job. My son is competing in the  
15 city-wide geography bee tonight.

16 MS. SMITH: Oh, no.

17 MR. PROULX: Yes.

18 MS. SMITH: I'm sorry.

19 MR. PROULX: Well, you didn't break the plant.

20 MS. SMITH: I know! I know. We were still optimistic

21 **DISK ID:A-00005, TAG ID:0000049210**

22 earlier in the morning when I talked to Dyle. I could have asked  
23 him to come down sooner, but I really thought it sounded like we were  
24 going to be okay by noon, you know.

25 MR. PROULX: Yes; well, when they were talking about well,  
26 yes, we can just go in and take those disconnects out and backfeed  
27 within just a couple of extra hours, it sounded good for awhile  
28 there.

29 MS. SMITH: Yes, it did. It sounded real good.

30 MR. PROULX: But I'm -- I still have plenty of pep though.  
31 I'm surprised. It's just that all this going on and having all the

1 senior management online and stuff.

2 MS. SMITH: We really appreciate you. You sounded real  
3 good. Ken was real pleased with it, you know, the update that you  
4 provided from the site, and he thought that the two of us together,  
5 he said that the briefing went well. We seemed like a team. So  
6 that's always a good plan.

7 MR. PROULX: Yes.

8 MS. SMITH: So Ken was real happy. I appreciate your help.

9 MR. PROULX: I've still got plenty of load in my batteries,  
10 but I don't know when the coffee's going to wear off but --

11 MS. SMITH: I can relate to that.

12 MR. PROULX: I know I'll be able to make it easily for when  
13 Greg gets here so --

14 MS. SMITH: Okay; well, the main thing after that is to  
15 drive safely home, okay?

16 MR. PROULX: Yes; maybe the coffee will wear out about  
17 halfway between here and Santa Maria.

18 MS. SMITH: That's bad.

19 MR. PROULX: Yes.

20 MS. SMITH: You can sleep in the resident's office.

21 MR. PROULX: Oh, well. What I'll do is --

22 MS. SMITH: I've tried them out before.

23 MR. PROULX: What I'll do is throw down another couple of  
24 cups before I hit the road.

25 MS. SMITH: Okay.

26 MR. PROULX: Actually, I went to bed kind of relatively late  
27 last night as well. I hit the rack at about 11:00, so I didn't get  
28 too much sleep but --

29 MS. SMITH: Wow.

30 MR. PROULX: But like I said, just because of everything  
31 that's going on and all that, my battery has been pretty well charged

1 so --

2 MS. SMITH: Well, I've got another call from George, so I'm  
3 going to check on WNP II.

4 MR. PROULX: I guess you've got a --

5 MS. SMITH: We had an MSIV that closed.

6 MR. PROULX: They've got something going on there too. Are  
7 they monitoring there as well or just --

8 MS. SMITH: No, it's not that serious, but I'm going to get  
9 off here for a second, let you talk to Jim, and I'll talk to George.

10 MR. PROULX: Okay; Jim, what else do you got off the top of  
11 your head to think about here?

12 MR. MELFI: Even though the diesels are kind of lightly  
13 loaded, the diesel fuel oil, they've still got plenty of diesel fuel  
14 oil there?

15 MR. PROULX: Let me go see what we've got on the panels  
16 here. I am right here standing right in front of the diesel panels,  
17 and let's see: we are at 1,700 megawatts on diesel 1-3; 1,300 on  
18 diesel 1-2; and 1,650 on diesel 1-1. How's that for good status?

19 Let's see; storage tanks: definitely, the loading of the  
20 diesel generators is nowhere near a problem, because 2,600 is the  
21 tech spec limit.

22 MR. MELFI: Yes, I mean, I'm sure that the diesels could  
23 probably just slam the motor driven feed pump on it and not even hit  
24 that.

25 [Pause.]

26 MR. PROULX: Okay; they say they currently have well above  
27 the tech spec minimum on their logs there so --

28 SPEAKER: Okay; I was just --

29 MR. PROULX: The question that begs the question is if  
30 they're going to be going into this running these diesels around the  
31 clock, they have already contacted the vendor and put them on standby

1 in case they need to go top them off.

2 SPEAKER: Okay; so it's not like -- you can probably get  
3 lots of fuel from Morro Bay or something like that.

4 MR. PROULX: Yes; so they're in good shape there.

5 MR. MELFI: All right; I was just --

6 MR. PROULX: How did John Russell get involved? Is he in  
7 the region this week?

8 SPEAKER: No, no, no; I thought I heard John Russell's  
9 voice.

10 MR. PROULX: Oh, you're just hearing the operators talking  
11 on their intercom between each other.

12 MR. MELFI: Okay; the -- well, I'm looking at some digital  
13 pictures on the ductwork, and it looks like it's a bad thing.

14 MR. PROULX: That's a pretty concise explanation, Jim: bad  
15 thing.

16 MR. MELFI: Not good; anyway, well, just give me a call  
17 back, and, you know, I'll be here. I mean, I'll be doing other  
18 things trying to keep things going, and just give me a call. We'll  
19 keep the line open.

20 MR. PROULX: The licensee is planning on calling the HOO  
21 again and giving them a real update on their 50.72, because there was  
22 several, you know, errors in describing the event in the initial, and  
23 they just want to make sure that they concisely give it in the  
24 correct sequence.

25 MS. SMITH: That's great; that's a good idea.

26 MR. MELFI: That's good; in fact, they might want to fax  
27 that preliminary copy to them if they can.

28 MR. PROULX: Yes; they're writing it out by hand, and  
29 they're going to have the boss look at it and then type it out.

30 MR. MELFI: Okay.

31 MR. PROULX: And then report it. So, you know, when we had

1 a brief an hour or two ago, Ellis was asking me about a failed open  
2 steam generator safety, and they had determined several hours ago  
3 that that wasn't the case actually so --

4 MR. MELFI: Oh, it didn't fail open?

5 MR. PROULX: No; it opened as expected and then closed as  
6 expected, actually.

7 MS. SMITH: That's not a failure.

8 MR. MELFI: Yes; okay. Well, that's good to know, though.

9 MR. PROULX: Yes.

10 MR. MELFI: That's something I didn't know.

11 MR. PROULX: And, you know, they initially put on the 50.72  
12 their transformer exploded, when actually, it was a buswork that let  
13 go on them but --

14 MR. MELFI: Yes; well, just be prepared for the [inaudible]  
15 meeting. I'm sure this [inaudible] will be brought up.

16 MR. PROULX: Oh, man, yes; I forgot all about that.

17 MR. MELFI: Well, I mean, didn't they explode a transformer  
18 or something like that?

19 MR. PROULX: Yes.

20 MR. MELFI: Anyway.

21 MR. PROULX: He was involved with that one; yes, he was.

22 MR. MELFI: Okay.

23 MR. PROULX: Let's see; what I'll plan to do is I'll try and  
24 get some good status on their backfeeding efforts, and I'd like to  
25 come back on at 19:00 my time.

26 MR. MELFI: I think that would be fine. That's about an  
27 hour. I'll be here. I mean, if you just start talking, I'll pick  
28 up. I'm going to put you on mute.

29 MR. PROULX: Okay; well, I'm going to hang up because I'm on  
30 a cordless phone that needs to be charged, so I don't want to just  
31 leave it off the hook all the time.

1 MR. MELFI: Okay.

2 MR. PROULX: So I'll call the HOO up and tie back in. I  
3 haven't had any problem doing that yet so --

4 MR. MELFI: Okay.

5 MR. PROULX: And if plant conditions change, or if we have  
6 something else fail, I will get on the phone right away.

7 MR. MELFI: Okay; I appreciate that.

8 MR. PROULX: All right, Jim, I'll talk to you in an hour.

9 MR. MELFI: All right.

10 MR. PROULX: Bye-bye.

11 [Pause.]

12 **DISK ID:A-00005, TAG ID:0000049217**

13 MR. GRIFFIN: Region IV?

14 MR. MELFI: Region IV is here. This is Jim Melfi.

15 MR. GRIFFIN: Yes, Jim, this is John Griffin from Diablo  
16 Canyon Unit I. Sorry I haven't been getting back to you for awhile,  
17 but it looked to me like Mr. Proulx was on the phone with you guys  
18 for quite awhile there.

19 MR. MELFI: Yes, he was.

20 MR. GRIFFIN: And, so I felt like he was probably giving you  
21 most of the information I could have given to you.

22 MR. MELFI: I think that you're right; okay; how's the plant  
23 doing from your perspective at the plant?

24 MR. GRIFFIN: We don't have the PPC right now, which we'd  
25 like to have. We have other sources, you know, of information to  
26 maintain the plant in a stable condition or to continue with  
27 cooldown, but we do lose certain alarm capability when we don't have  
28 the PPC.

29 We're working to get that back right now. We're trying to  
30 install a jumper into the AC input of the inverter for the PPC.  
31 We're in the process of doing that right now. It's not exactly clear

1 to me how long it's going to take to do that, but I know that there's  
2 a clearance hung to get that accomplished.

3           Once that's done, the computer guy's telling me it's going  
4 to take a good hour and a half to two hours to restore the PPC. So  
5 that's an issue we're dealing with. The major concern is that we get  
6 Unit I backfed so we can get nonvital power back, and then, we're not  
7 concerned with trying to having things cross-connected between units  
8 and installing jumpers and things of that nature, and I'm hearing --  
9 I thought we were going to get it back earlier, but I'm hearing now  
10 that we may not be ready to backfeed until midnight tonight. So the  
11 major concern still remains, you know, getting 4 kV and 480 volt  
12 nonvital power back, and those are the two big things that we're  
13 working on right now.

14           MR. MELFI: Okay; you're saying about maybe two hours --  
15 maybe -- so two hours after you start, you would get --

16           MR. GRIFFIN: The PPC back.

17           MR. MELFI: Yes; okay, and basically, you know, I'm a  
18 nonelectrical type, but I guess I would call it like start having a  
19 clean AC input; you might have what they would call partly a dirty AC  
20 or just some other type of AC input into the thing.

21           MR. GRIFFIN: You know, it come off -- you know, the normal  
22 AC input to the PPC inverter, I believe, is a nonvital AC input. So  
23 all we're doing is taking a jumper over to Unit II nonvital AC.

24           MR. MELFI: Yes.

25           MR. GRIFFIN: So I would think that the inverter itself  
26 would -- you know, I'm no electrical guy either; I'm a mechanical  
27 guy. But I think the inverter itself would be, you know, successful  
28 in cleaning up the AC input to the PPC. But that's a strictly, you  
29 know, I don't think they're concerned about its ability to supply the  
30 inverter.

31           MR. MELFI: Okay; and --

1 MS. SMITH: John, this is Linda Smith.

2 MR. GRIFFIN: Hi, Linda.

3 MS. SMITH: We got information from David then that the  
4 other things that were affected were the outside phones for Unit I  
5 but that you still had Unit II phones and you still had the ENS  
6 [inaudible] and that you had lost plant vent indication in the  
7 control room but you still had local indication of plant vent stack  
8 flow.

9 MR. GRIFFIN: When you say outside phones, do you mean from  
10 outside the plant, or do you mean from outside the control room.

11 MS. SMITH: I understood outside the plant, but I might not  
12 have understood that correctly. That's why I'm checking with you.

13 MR. GRIFFIN: Let me check on that real quick. Actually, I  
14 think it's just from outside the control room, we lost some of our  
15 capability. Just one second.

16 MS. SMITH: Uh-huh.

17 [Pause.]

18 MR. GRIFFIN: Linda?

19 MS. SMITH: Yes.

20 MR. GRIFFIN: In there talking to the shift foreman; the way  
21 I understand it, it's both inside and outside the plant. It's not  
22 that we've lost communication. We've lost capability -- ringing  
23 capability for certain of the phones in the control room. Some of  
24 them are working, and some of them aren't. But we can call out;  
25 people can call in; but some of the phones don't actually ring inside  
26 the control room; for example, the CO phone on Unit II, if you call  
27 from the outside or the inside, her phone doesn't ring. But if you  
28 call the Unit II shift foreman, his phone will ring.

29 MS. SMITH: Okay.

30 MR. GRIFFIN: So that's the extent that I understand what's  
31 going on, and it has to do with ringing capability.

1 MS. SMITH: Okay.

2 MR. GRIFFIN: Okay?

3 MS. SMITH: And is that information that needs to be out to  
4 just the staff and promulgated so that they know not to call the CO,  
5 but they'd call the shift --

6 MR. GRIFFIN: We did a briefing on it, a briefing I missed  
7 because I was immersed in doing about five or six other things, but  
8 what I just told you, the crews were aware of it. I was the only one  
9 who wasn't since I was doing a bunch of other stuff when they were  
10 briefing them.

11 MS. SMITH: It's better that way than the other way.

12 MR. GRIFFIN: Yes; that's what I think, too.

13 MS. SMITH: Okay; thanks for your help.

14 MR. GRIFFIN: Yes; Linda, did you happen to touch base with  
15 headquarters regarding that updated 50.72?

16 MS. SMITH: Yes, we did, and we received a copy of it, and  
17 it does not have very much of an update. It just had -- just a  
18 second. I'll have to see what.

19 MR. GRIFFIN: Thank you; the two I was most interested in  
20 had to do with the transformer explosion and the safety valve stuck  
21 open or failed open, whatever the words were.

22 MS. SMITH: Okay; it did not address the safety valve at  
23 all.

24 MR. GRIFFIN: They did not change that?

25 MS. SMITH: No, and I will read the update to you.

26 MR. GRIFFIN: Thank you.

27 MS. SMITH: But I can fax it to you, too.

28 It says at 7:26 on 5/15, Mark Lemke called in to Dick  
29 Jolliffe, our headquarters operations officer.

30 MR. GRIFFIN: Yes, ma'am.

31 MS. SMITH: And he said that the licensee determined that

1 the electrical bus from auxiliary transformer 1-1 inside the 12 kV  
2 switch gear room had exploded; the auxiliary transformer 1-1 is  
3 intact.

4 MR. GRIFFIN: Okay; that's accurate, yes.

5 MS. SMITH: And then, it does not say anything about the  
6 safety valve.

7 MR. GRIFFIN: Okay; so, those words are still intact.

8 MS. SMITH: Right.

9 MR. GRIFFIN: Okay; great.

10 MS. SMITH: But this says 1-2 steam generator  
11 code --

12 **DISK ID:A-00005, TAG ID:0000049219**

13 MR. GRIFFIN: Safety valve.

14 MS. SMITH: -- safety valve failed open. I see.

15 MR. GRIFFIN: Right.

16 MS. SMITH: Instead of design open.

17 MR. GRIFFIN: I understand.

18 MS. SMITH: Okay.

19 MR. GRIFFIN: Okay; Linda.

20 MS. SMITH: So do you still plan to correct that?

21 MR. GRIFFIN: I'm handwriting a correction right now. Our  
22 computers -- our network computers, we're having trouble with them.

23 MS. SMITH: Okay.

24 MR. GRIFFIN: So I'm doing a handwritten version.

25 MS. SMITH: And do you want me to fax it to you? There's  
26 really not more than what I said.

27 MR. GRIFFIN: You know, I don't think you need to.

28 MS. SMITH: Okay; thanks.

29 MR. GRIFFIN: Okay.

30 MS. SMITH: Uh-huh.

31 MR. GRIFFIN: And I will be getting relieved here within the

1 next half hour, and I'll make sure that I turn over the open phone  
2 line and exactly with the information that I think you need.

3 MS. SMITH: I appreciate your help, John.

4 MR. GRIFFIN: Okay, guys.

5 MS. SMITH: Thanks.

6 MR. GRIFFIN: Thank you.

7 MS. SMITH: Bye-bye.

8 [Pause.]

9 **DISK ID:A-00005, TAG ID:0000049258**

10 MR. PROULX: Hello; this is David Proulx. Is there anybody  
11 on the bridge?

12 MS. SMITH: Hi, David; this is Linda. I'm here.

13 MR. PROULX: Hello.

14 MS. SMITH: Jim, did you want to come listen?

15 MR. PROULX: Pardon me?

16 MS. SMITH: Okay; Jim's coming; we're listening.

17 MR. PROULX: Okay; for the 19:00 update, plant still at 900  
18 pounds, 380 degrees and stable. The plant process computer is still  
19 down, although they were able to switch power supplies and get the  
20 Unit I phones back, which was a nice thing for them. They're still  
21 evaluating whether or not they can jumper in some 480 volt dirty  
22 power to get the PPC back, but from my walking around the plant, I  
23 don't see that they've made any progress on that down in the --

24 MS. SMITH: David?

25 MR. PROULX: Yes.

26 MS. SMITH: I'm sorry, but I'm moving quite as fast as you  
27 are, so you said, okay, this would be 19:00 here, 17:00 there.

28 MR. PROULX: No, no, 19:00 here, 21:00 there, I think.

29 MS. SMITH: You're right; okay; so, it's a little after  
30 8:00, which is 20:00; okay.

31 MR. PROULX: No, it's 7:00 p.m. here, 9:00 your time, right?

1 MS. SMITH: Right; you're right; I've got it turned; okay.

2 21:00 --

3 MR. PROULX: Okay; they are still at 900 pounds, 380 degrees  
4 and stable. They have Unit I phones back [inaudible]. They still do  
5 not have the PPC on Unit I, and they are evaluating hooking --  
6 jumpering in 480 volt power still.

7 MS. SMITH: Okay.

8 MR. PROULX: I watched them -- okay, they're working on  
9 installing ground buggies still, and they're also, in addition to  
10 ground buggies, installing what they're calling personal grounds,  
11 which is essentially grounding straps directly to the poles up there  
12 right on the 500 kV towers right to the ground, and they're working  
13 on that as we speak. They've got one of the phases already done.

14 And they're still saying midnight looks like about a good  
15 time for this whole thing.

16 MS. SMITH: David, early on, they had mentioned that -- and  
17 maybe it was you that told me this -- that they -- that the DC power  
18 supplied the lube oil pump for the turbine. Do you know if they've  
19 been having any problems with the turbine on the turning gear?

20 MR. PROULX: I don't know; that has not been a priority of  
21 the shift, so I'm going to have to ask about that.

22 MS. SMITH: Okay.

23 MR. PROULX: I don't even know if it is on the turning gear.

24 MS. SMITH: Okay.

25 MR. PROULX: Now, one of the things that we've been going  
26 back and forth about is emergency lighting, okay? So they have some  
27 -- they have appendix R emergency lighting, and they have what they  
28 would call nonvital emergency lighting.

29 MS. SMITH: Uh-huh?

30 MR. PROULX: Now, they did have several things that were  
31 powered off of the nonvital emergency lighting that did not switch to

1 vital, and there is the normal ingress and egress route to the  
2 turbine building that they wouldn't take credit for in an appendix R  
3 fire, yet you know, you've got to be able to see to get around.

4 MS. SMITH: Okay.

5 MR. PROULX: Those lights are slowly dimming.

6 MS. SMITH: Okay.

7 MR. PROULX: And there are parts in the turbine building  
8 where it's pretty darn dark because these lights really aren't being  
9 very effective.

10 MS. SMITH: I can sum up by saying the non-appendix-R  
11 emergency lights are dimming.

12 MR. PROULX: Yes.

13 MS. SMITH: Okay.

14 MR. PROULX: Significantly in my mind, but, you know, we've  
15 been on these batteries for almost 19 hours now, and they're supposed  
16 to be 8-hour packs, so -- but the appendix-R emergency lights are  
17 running fine, because they actually come right off the vital buses.

18 MR. MELFI: Dave?

19 MR. PROULX: Yes, sir?

20 MR. MELFI: Jim Melfi, and you probably haven't asked the  
21 question or taken a look, but down at the intake structure, are the  
22 battery lights going out out there too?

23 MR. PROULX: I have not asked.

24 SPEAKER: Because, I mean, it can get pretty dark down  
25 there, too, and, you know, they might need to do something down  
26 there; I don't know.

27 MR. PROULX: I don't know.

28 MS. SMITH: But basically aren't they just kind of saying  
29 we've got lots of flashlights for right now?

30 MR. PROULX: Yes; for getting around the plant.

31 MS. SMITH: And that's really -- we don't want to be sending

1           them off on stuff they can't do anything about anyway.

2                   MR. PROULX:  Yes; but like I said, the ingress and egress to  
3           safety related areas is well enough lit with the -- I mean, it's  
4           degraded because they're just the emergency lights, which don't give  
5           you the full lighting, you know, but it's better than in the turbine  
6           building in many places.

7                   MS. SMITH:  Okay.

8                   MR. PROULX:  What else?  They are talking with their ISO  
9           right now concerning no touching, no working.

10                  MS. SMITH:  Okay.

11                  MR. PROULX:  So we'll have a full briefing on what's going  
12           on with that within the hour or so.

13                  MS. SMITH:  Okay; that was probably the best thing we got  
14           out of that brief, wasn't it?

15                  MR. PROULX:  Yes, yes; let's see:  I don't think there's  
16           anything else that's new since the last time we talked.  Oh, they are  
17           in the midst of another shift turnover.  The night crew is coming  
18           back on.  And so, They're not -- amongst operators, not pursuing any  
19           new initiatives in the control room right now.  They're just turning  
20           the shift over.  But they're at a pretty stable point right now, so  
21           it's a good time to turn over.

22                  MS. SMITH:  Okay; so Greg should be landing in San Luis  
23           Obispo in about 15 minutes, so you ought to sort of be getting close.

24                  MR. PROULX:  Yes; I figured he'd be able to probably get  
25           here 45 minutes after he hits the ground, my guess.

26                  MS. SMITH:  You know, I hadn't thought about it, but when he  
27           called, he may not know how to do that little thing down at the gate  
28           at the bottom, so let's make sure I remember so I can tell him.  When  
29           he gets there, there's a keypad or something, right?

30                  MR. PROULX:  Yes.

31                  MS. SMITH:  And you just have to -- there's something you

1 can press to call the office or the shift security guys, and then,  
2 they'll let him on up. Do you remember what that is?

3 MR. PROULX: I believe it's 3330, but let me ask the shiftie  
4 here.

5 MS. SMITH: Okay.

6 MR. PROULX: Is he committed to calling you as soon as he  
7 makes it onto the site?

8 MS. SMITH: That is correct, so he'll call me, and I can  
9 give him the information.

10 MR. PROULX: But from the airport?

11 MS. SMITH: He's supposed to call me when he hits the  
12 airport.

13 MR. PROULX: Okay.

14 [Pause.]

15 **DISK ID:A-00005, TAG ID:0000049259**

16 MR. PROULX: I'm talking to him now, and they're looking it  
17 up to make sure that that's the right number.

18 MS. SMITH: Okay; and then, the other thing would be to --  
19 Greg's been out there fairly recently, hasn't he?

20 MR. PROULX: Yes.

21 MS. SMITH: Okay; so, he shouldn't have any trouble having a  
22 badge and everything.

23 MR. PROULX: About two weeks ago, as a matter of fact; he  
24 better have a badge.

25 MS. SMITH: Okay; I think that's even shorter than that  
26 fitness for duty thing they do every 30 days.

27 MR. PROULX: Right, right.

28 [Pause.]

29 MS. SMITH: Just a separate subject: Gene Spratt came in;  
30 he's supposed to get in tomorrow.

31 MR. PROULX: Oh, good.

1 MS. SMITH: So I'll be able to bring one of those just-in-  
2 time deals.

3 MR. PROULX: Okay; so, our meeting and everything is still  
4 on, right?

5 MS. SMITH: Far as I know, yes.

6 MR. PROULX: Okay; good.

7 MS. SMITH: And the public meeting is still on, and the  
8 taking Gene out is still on. If you need to not do it for family  
9 reasons or something, you know, Greg will be there, and we could do  
10 it. I know it's a big disappointment not being able to be with your  
11 kid tonight so --

12 MR. PROULX: Yes, but I'll make it up to him --

13 MS. SMITH: Okay.

14 MR. PROULX: -- some other time.

15 MS. SMITH: But let me know if you need to not go or  
16 something.

17 [Pause.]

18 MR. PROULX: Linda?

19 MS. SMITH: Yes.

20 MR. PROULX: Better information: there is a little placard  
21 there that just says contact the shift security shift sup by hitting  
22 the pound sign right there on the thing. And you can tell him, and  
23 he can get that direction just by looking at the directions right by  
24 the keypad.

25 MS. SMITH: Okay; and when he presses the pound sign, then,  
26 the security guy answers, and he says hi, I'm Greg Pick, and they let  
27 him on site.

28 MR. PROULX: Yes; so --

29 MS. SMITH: Should we call security just to let them know or  
30 --

31 MR. PROULX: That would not hurt. I'll do that myself.

1 MS. SMITH: Okay.

2 MR. PROULX: So --

3 MS. SMITH: You've got a vested interest in this process  
4 working.

5 MR. PROULX: You've got that right.

6 [Laughter.]

7 MR. PROULX: Yes, I'm starting to wind down a little bit  
8 actually.

9 MS. SMITH: Yes; I can tell you're moving a little slower.

10 MR. PROULX: And I'm talking a little bit slower than I was  
11 earlier anyway.

12 MR. MELFI: Dave, do you, does the licensee know that, do  
13 they have a feel for if those emergency appendix-R lights are going  
14 to last throughout the night?

15 MS. SMITH: They're supplied by vital power, so they should  
16 be fine.

17 MR. MELFI: They should be fine?

18 MR. PROULX: Yes; they're fine; they're burning brightly  
19 throughout all the areas I've looked at, too; fully charged and  
20 everything. It's just that the non-safety related ones in the  
21 turbine building are getting real dim.

22 MR. MELFI: Everybody else needs a flashlight.

23 MR. PROULX: Yes; I guess this is probably not a good time  
24 to walk around the plant asking about morale either.

25 MS. SMITH: No.

26 [Laughter.]

27 MS. SMITH: Although actually, a lot of times, people kind  
28 of come together when there's a common danger.

29 MR. PROULX: Well, yes; that's one thing I can see very well  
30 is that everybody's really getting together as a team and working  
31 towards the, you know, working towards the plant here, so I don't

1 know if it'll give us a false positive or not, you know.

2 MS. SMITH: Yes, but it's a good thing either way.

3 MR. PROULX: Yes; yes.

4 MS. SMITH: So that's really good.

5 MR. PROULX: Absolutely, yes; so, I don't know how much  
6 interest they'll have in talking to Ellis when he -- when he comes in  
7 Friday.

8 MS. SMITH: You know, he's not going to do the onsite  
9 meeting anymore. Did you get that information?

10 MR. PROULX: Well, yes, but I thought he was going to at  
11 least just walk around and talk to people, right?

12 MS. SMITH: I didn't understand that. That might be true.

13 MR. PROULX: So he might not even come in and walk around  
14 at all?

15 MS. SMITH: I haven't checked his schedule. That's one of  
16 those things I was going to check but haven't done yet. It's not  
17 that I have and am telling you anything; I'm telling you I don't  
18 know.

19 MR. MELFI: You know, I'm sure that Ellis is going to want  
20 to see this ductwork.

21 MR. PROULX: Uh, let's see; I went down to the 12 kV switch  
22 gear room on Unit I, and you know the one picture that has -- that  
23 shows the side of it where you've got -- you can see the floor, and  
24 you can see the little shiny metal on it and stuff? They've actually  
25 gone in there, and I don't know how they did it, but they scraped  
26 that metal off the floor in like one solid piece, you know, like you  
27 said, a fairly sizeable, half-inch thick piece of metal with various  
28 colors all welded together, and they've done quite a bit of cleaning  
29 up on the floor. It's going to take some work, though, to do  
30 something with those cubicles that got all those flash burns on the  
31 outside and stuff, and they've obviously got to go in inside of those

1 panels and inspect them, and Dave Micklish told me that he's  
2 anticipating that there might be some relay damage on those reactor  
3 coolant pump backup breaker type of things, but since those aren't  
4 the ones you get credit for in tech specs or anything, that's not a  
5 big concern of theirs.

6 MS. SMITH: The other thing I was wondering about is when  
7 they do this backfeed is what plans they have to check out the  
8 transformers that they're going to be backfeeding through to make  
9 sure that there was not any damage because of high currents that set  
10 the faults.

11 MR. PROULX: They did a lot of inspection of the  
12 transformers just after the event, because that's what they had  
13 assumed went on them, actually.

14 MS. SMITH: Oh, okay; so they were pretty thorough, then?

15 MR. PROULX: Yes.

16 MS. SMITH: Good.

17 MR. PROULX: These are transformers that they replaced a few  
18 years back.

19 MS. SMITH: I remember when they had -- I forget which one  
20 blew before. Was it the unit aux that went before?

21 MR. PROULX: 1-1.

22 MS. SMITH: Same one, right?

23 MR. PROULX: Yes.

24 MS. SMITH: So there's that one guy from headquarters  
25 suggested that it might be some sort of installation problem when  
26 they reinstalled the buswork.

27 MR. PROULX: Well, it's quite a bit away from there. I  
28 don't think that that was even disturbed type of thing.

29 One of the things I overheard them saying, you know, just  
30 kind of for the long term is that the company that originally  
31 installed their buswork and all that essentially is kind of out of

1 the business of doing that, so the replacement parts type of thing  
2 are going to be a challenge for them. So they essentially have to  
3 rebuild the area, as you can tell.

4 MS. SMITH: Yes; who knows how long this will take?

5 MR. PROULX: Yes; I've already heard 10 days to two weeks  
6 from some of the people that have some sort of a knowledge on this, I  
7 guess so --

8 MS. SMITH: I'm sure it's just speculation at this point, no  
9 kind of --

10 MR. PROULX: Yes, you're absolutely right. We'll just see  
11 what happens with that.

12 Okay; I don't think I have anything else right now.

13 MS. SMITH: Get one more Coca-Cola so you can make it all  
14 the way safely home.

15 MR. PROULX: I think that's what I'm going to do.

16 MS. SMITH: Okay; you have a nice one. I'll talk to you  
17 after a bit.

18 MR. PROULX: All right; the next time you talk to -- well,  
19 let's see --

20 MS. SMITH: Hopefully, Greg will have called.

21 MR. PROULX: Well, yes, the next time I talk to you, Greg  
22 probably would

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24 have called in, so I think I'll shoot for about 8:00, 9:00 to call  
25 you, okay?

26 MS. SMITH: Okay; that sounds good.

27 MR. PROULX: All right.

28 MS. SMITH: Appreciate it; bye-bye.

29 MR. PROULX: Talk to you then; bye.

30 [Pause.]

31 MR. EDWARDS: This is Diablo Canyon, Edwards, STA, calling

1 to see if the region is still on the line.

2 MS. SMITH: Hi; this is Linda Smith and Jim Melfi, and yes,  
3 the region is still on the line.

4 MR. EDWARDS: Okay; I was just calling to inform you that  
5 the plant is still the same status as previously and that I'll be the  
6 person contacting you tonight.

7 MS. SMITH: Okay; and what was your name?

8 MR. EDWARDS: My name is James Edwards.

9 MS. SMITH: James Edwards? Thank you; and we show it at 900  
10 psig, 380 degrees.

11 MR. EDWARDS: I believe that's 980 psig.

12 MS. SMITH: Oh, okay. We've got a couple of different  
13 numbers.

14 MR. EDWARDS: You know what? I'll make sure that's right,  
15 and I'll get right back with you.

16 MS. SMITH: Okay; thanks.

17 MR. EDWARDS: All right; thanks.

18 MS. SMITH: Uh-huh.

19 [Pause.]

20 MR. EDWARDS: Okay; this is Edwards.

21 MS. SMITH: Hi, James.

22 MR. EDWARDS: It's about 930 actually.

23 MS. SMITH: Okay.

24 MR. EDWARDS: And I think they're keeping the range from  
25 about 900 to 950 so --

26 MS. SMITH: Okay.

27 MR. EDWARDS: And then, we're going to have a notification  
28 that I'm going to actually fax in to the office to where we're  
29 supposed to notify. It's an update to the first notification that  
30 has -- when you read the report, there are some changes that need to  
31 -- you know, some information needs to be given to you. Like the

1 report said -- reading your report said the transformer exploded, and  
2 it didn't explode, and that's what's written down. We have it all  
3 written down. And then, some discussion about the safety valve, and  
4 I'll be faxing that in in probably the next 15 minutes.

5 MS. SMITH: Okay; thank you.

6 MR. EDWARDS: All right; thanks. And I'll try to get a hold  
7 of you every half hour.

8 MS. SMITH: Thank you very much.

9 MR. EDWARDS: All right; bye-bye.

10 MS. SMITH: Bye-bye.

11 [Pause.]

12 **DISK ID:A-00005, TAG ID:0000049277**

13 MR. EDWARDS: This is James Edwards from Diablo Canyon,  
14 seeing if the Region IV is on the line.

15 MR. MELFI: We're still here, James.

16 MR. EDWARDS: Okay; we just faxed the notification of  
17 unusual event, the notification number 17, with additional  
18 information to the office in, I think, Bethesda or White Flint; I  
19 don't know where it's at. So - -

20 MS. SMITH: Right.

21 MR. EDWARDS: But we just faxed it in. It has clarifying  
22 information on the original notification; you know, talking about --  
23 I talked about it just before about a half hour ago.

24 MS. SMITH: Sure; could I get you to fax it here as well?

25 MR. EDWARDS: Yes, if you give me a fax number, I'll send it  
26 to you.

27 MS. SMITH: Okay; just a second; I'm going to double-check  
28 it.

29 [Pause.]

30 **DISK ID:A-00005, TAG ID:0000049278**

31 MS. SMITH: Yes, okay; I thought this was it. It's

1 817 --

2 MR. EDWARDS: 817?

3 MS. SMITH: -- 860 --

4 MR. EDWARDS: 860?

5 MS. SMITH: -- 8228.

6 MR. EDWARDS: 8228? Okay; I'll get that to you right now.

7 MS. SMITH: Thank you so much.

8 MR. EDWARDS: Okay; and then, I'll be talking to you again  
9 later.

10 MS. SMITH: Okay; bye-bye.

11 [Pause.]

12 **DISK ID:A-00005, TAG ID:0000049288**

13 MR. EDWARDS: This is Edwards from Diablo Canyon calling  
14 Region IV.

15 MS. SMITH: This is Region IV. Can you hold just a second?

16 MR. EDWARDS: Sure.

17 [Pause.]

18 MS. SMITH: Thank you, sir; I was just completing a call  
19 briefing my boss.

20 MR. EDWARDS: Oh, that's fine. I was just calling to  
21 confirm that you got the fax that we sent.

22 MS. SMITH: We did get the fax, and that looks fine.

23 MR. EDWARDS: Okay; thank you.

24 SPEAKER: Uh-huh.

25 MR. EDWARDS: And I'll talk to you later.

26 MS. SMITH: Okay; you have a nice day.

27 MR. EDWARDS: You, too.

28 [Pause.]

29 **DISK ID:A-00005, TAG ID:0000049296**

30 MR. PROULX: Hello; this is David Proulx on the bridge.  
31 Anybody there?

1 MR. MELFI: Yes, David, we're here.

2 MS. SMITH: I've got Greg on the phone, David.

3 MR. MELFI: Linda's talking to him on the cellular phone.

4 Linda's talking to Greg on the cellular phone.

5 MR. PROULX: Oh, so you let Greg bring the cellular phone

6 out to the site?

7 What number is he on?

8 MR. MELFI: I think he's calling like from Avila Beach or

9 something like that.

10 MR. PROULX: Oh, well, you say he has a cell phone now?

11 MR. MELFI: No, he doesn't have a cell phone.

12 MR. PROULX: What is he on? A phone booth or something?

13 MR. MELFI: Phone booth or something.

14 MR. PROULX: Oh, okay.

15 MR. MELFI: He wanted to call in before he hit the gate.

16 MR. PROULX: Okay; well, I let the licensee know he was on

17 the way, and I told them about 8:15 when he would be showing up.

18 MR. MELFI: Okay.

19 MS. SMITH: He says he has a key card that should open it.

20 MR. PROULX: Oh, then, fine.

21 MS. SMITH: It sounds like he knew what he was doing. We'll

22 find out if it works.

23 MR. PROULX: Well, that's great; yes, they work.

24 MS. SMITH: Okay.

25 MR. PROULX: I don't have anything new for you. Everything

26 that I said before is still good. They're still working on the

27 grounds; they're still formulating a plan to try to get the PPC back

28 with 480 power, and midnight energization still looks about where

29 they're headed. The night crew has just turned over. It's a new

30 crew; it's not the same one that was here that actually experienced

31 the event, because Friday is the day they turn over crews.

1 MR. MELFI: Oh.

2 MR. PROULX: So it's a new crew. And they're on watch now.

3 MR. MELFI: Okay; anything -- I guess no news is good news.

4 I guess the lights are still continuing to dim.

5 MR. PROULX: Yes, in the turbine building.

6 MR. MELFI: All right.

7 MR. PROULX: Let's see.

8 MR. MELFI: The -- it's not affecting anything like security  
9 doors or anything like that, is it?

10 MR. PROULX: No, it does not.

11 MR. MELFI: Okay.

12 MS. SMITH: The security has a security diesel generator  
13 usually.

14 MR. MELFI: Oh, that's right; the security diesels are  
15 separate.

16 MR. PROULX: That's right; they do have security diesels  
17 here.

18 Let's see.

19 **DISK ID:A-00005, TAG ID:0000049297**

20 Nothing new; you know something that you might want to know about  
21 is that on Unit II, there are five annunciators that -- five  
22 annunciators that actually came from the Unit I event, and they're  
23 really not anything to get real excited about, but it's just to give  
24 you the -- a note that there are a few little things that affected  
25 Unit II.

26 MR. MELFI: Okay.

27 MS. SMITH: Okay.

28 MR. PROULX: Let's see; they have two annunciators for  
29 diesel fuel oil trouble, and essentially, all that means is that the  
30 diesel fuel oil transfer pumps, both of them are running. And  
31 they'll get those annunciators on both units while they're running,

1 because they don't expect to have those running normally.

2 MR. MELFI: Okay.

3 MR. PROULX: The 12 kV startup bus fan low flow annunciator  
4 on Unit II is because the crosstie bus between the units on startup,  
5 the fan for cooling that bus is powered off of Unit I.

6 MR. MELFI: Okay.

7 MR. PROULX: Let's see; and there's a digital feed water  
8 control system trouble annunciator on Unit II, and the reason that  
9 annunciator is in is that the backup power for digital feed water on  
10 Unit II comes from Unit I.

11 MR. MELFI: Okay.

12 MR. PROULX: And the same thing with CCW surge tank pressure  
13 trouble; the backup power from that also comes from Unit I. So those  
14 are the annunciators that they have on the boards on Unit II, and  
15 they are all because of Unit I.

16 MR. MELFI: Yes; or actually, they are -- for the condition  
17 that you're in, they're expected annunciators for the condition that  
18 you're in.

19 MR. PROULX: Yes.

20 MS. SMITH: But if we said that Unit I wasn't affected at  
21 all, that's really not true for debriefing plus the control power to  
22 the offsite.

23 MR. PROULX: Yes, yes; to say that it wasn't affected at all  
24 is a little bit overstatement, but the stuff that did affect it as of  
25 now is minor, I would say. They would probably rather have a black  
26 board on Unit II, of course.

27 You'd think I would have thought of walking down the panels  
28 on Unit II some time before 19:00 tonight, but there you go.

29 MS. SMITH: We're just glad you're there since it's so late.

30 MR. PROULX: But I was a little bit surprised that I didn't  
31 know that all that stuff was Unit I, but whatever.

1 MR. MELFI: Okay.

2 MR. PROULX: But I know now.

3 MR. MELFI: So they think that the current status of the  
4 buswork is that they're still making progress?

5 MR. PROULX: They're still installing the grounds. I mean,  
6 what they're essentially doing is besides ground buggies, they're  
7 also installing personal grounds, which are just big old wires with  
8 clamps on them that they short to ground, and they have to use a  
9 crane to actually put somebody up there to connect them, so that's  
10 quite a bit of work itself, putting them actually right on the 500 kV  
11 lines.

12 MR. MELFI: Okay; but you're not accepting any -- the wires,  
13 I guess, should be dead. It's just more of a precautionary.

14 MR. PROULX: Oh, right, yes; they're dead. It's just one of  
15 those, you know, electrical safety goodies.

16 MR. MELFI: Oh, yes, I mean.

17 MR. PROULX: So, yes, I think midnight is optimistic myself,  
18 because, you know, they haven't even started with taking apart the  
19 stuff to get to the disconnects or anything, and then, they still  
20 have to backfeed afterwards and then to be able to get the diesels  
21 off, they have to strip the buses and then resequence them back on  
22 and all that type of thing. So that's something that has to be done  
23 slowly and carefully.

24 So, you know, for when all is said and done, and they've got  
25 everything stable in a nice backfed and totally off diesels and  
26 stable, I would be willing to bet it's not going to be done until  
27 2:00 Western, Pacific time is my guess.

28 MR. MELFI: Okay.

29 MS. SMITH: Yes, nuclear time is like that.

30 MR. PROULX: Yes; so, Linda, are you planning on sticking it  
31 out for the whole thing?

1 MS. SMITH: No, I'm going to go like another couple of  
2 hours, and then, if it doesn't look like it's going to get done, I'm  
3 going to call -- really, I think in really about an hour, I'm going  
4 to call up John Pellet.

5 MR. PROULX: Yes.

6 MS. SMITH: And then, he's going to come in at midnight, and  
7 Jim is supposed to stay until 3:00 in the morning our time, and David  
8 Graves is going to come in and relieve him.

9 MR. PROULX: Okay; and so, in the IRC -- obviously, that's  
10 where you are -- it's just you and Jim and maybe -- is Tom still  
11 around?

12 MS. SMITH: No, he went home. They couldn't find a backup  
13 ERC, so we're supposed to call Tom if we run into a problem.

14 MR. PROULX: Okay; yes; he's been awfully helpful in this  
15 whole thing as well.

16 MS. SMITH: And you heard the criteria for securing.

17 MR. PROULX: Backfed, stable and one hour afterwards.

18 MS. SMITH: Right; so even if they did get the backfeeding  
19 done by midnight, it's going to be awhile.

20 MR. PROULX: And, of course, that's exiting from the  
21 emergency plan as well so --

22 MS. SMITH: Yes.

23 MR. PROULX: Which I think they'll do as soon as they get  
24 the backfeed complete, and they may not have all their loads  
25 transferred and all that, but even before they get all the loads  
26 transferred, they're going to exit the emergency plan.

27 MS. SMITH: Yes; I don't have any problem with doing that,  
28 but we'll just sit here and watch to make sure all the loads  
29 transfer.

30 MR. PROULX: Yes.

31 MS. SMITH: That's what the hour's for. But when it's in,

1 we want to call Ellis and also Ken and the HOO -- actually, really,  
2 probably the best way to do it is to call the HOO and get him to set  
3 up a bridge and put Ken and Ellis on it and then, you know, go over -  
4 - they'll have to do their 20 questions to secure, and we're supposed  
5 to also draft a PN here for the securing. Jim's been working on  
6 that.

7 MR. MELFI: Yes, so that it's -- so that when they come in  
8 in the morning, it's pretty much ready to go and --

9 MS. SMITH: And we're just optimistically assuming they  
10 don't run into any more significant problems.

11 MR. PROULX: Yes.

12 MS. SMITH: But, David, if you need to -- I'm kind of  
13 serious about you maybe resting in the resident's office before you  
14 drive home; you know, just make sure that you're taking care of  
15 yourself enough to get home safely.

16 MR. PROULX: I just downed another 16-ouncer so --

17 MS. SMITH: Of Coca-Cola?

18 MR. PROULX: Yes; so I think I'm going to be fine. Greg's  
19 going to be here in 10 minutes.

20 MS. SMITH: Okay.

21 MR. MELFI: Well, just hit the rest room before you go.

22 MR. PROULX: You know, that is something that will keep you  
23 awake as long as you want if you --

24 [Laughter.]

25 MR. MELFI: I hadn't thought about it from that standpoint.

26 MS. SMITH: All sorts of discomforts to keep you awake.

27 **DISK ID:A-00005, TAG ID:0000049299**

28 MR. PROULX: Yes; that's something that wakes me up at  
29 night, and if I don't go, I'm not going to be able to sleep, so -.

30 MS. SMITH: Whatever gets you home safe.

31 MR. PROULX: Yes.

1 MS. SMITH: That's the main thing.

2 MR. PROULX: So are you going to be going home from the IRC  
3 or just spending the night there, Linda?

4 MS. SMITH: No, I'm going to go home.

5 MR. PROULX: Yes.

6 MS. SMITH: But I took off about an hour, and I went to the  
7 Starbucks and got a triple [inaudible] latte  
8 so --

9 MR. PROULX: Oh, man, she's wired now.

10 MS. SMITH: I'm wired, yes, and I had a glass of tea on top  
11 of that, so I'll be good for another couple hours. The one who's  
12 going to have trouble, too, will be Greg, you know, because he came  
13 in the same time I did, and he's been resting on the plane, but  
14 that's not the same thing as really sleeping.

15 MR. PROULX: Yes; depending on who you are. If you're  
16 really, really tired, you can probably get a little bit of shut-eye  
17 on the plane, but it's hard. It's really hard.

18 MS. SMITH: I don't have any trouble, but Greg always thinks  
19 he needs to work on the plane. So, you know, we haven't got him  
20 fully trained yet.

21 MR. PROULX: Well, he might not come in well-rested.

22 MS. SMITH: Yes; airplanes are for resting. [inaudible]  
23 next person who's going to have it tough, but Dyle will get there as  
24 soon as he can, and then, he'll relieve Greg.

25 MR. PROULX: And Dyle said that he was going to be showing  
26 up in the area around midnightish?

27 MS. SMITH: Yes; you know, I think he said 11:00 your time.

28 MR. PROULX: Well, that will help Greg out a little bit.

29 MS. SMITH: But to be perfectly honest with you, with the  
30 time zones back and forth, I'm not sure whether I've got that right.  
31 But he said he was going to leave after the traffic -- there was some

1 traffic he was waiting for, and it would take him about four hours  
2 after that.

3 MR. PROULX: Yes; the Bay Area becomes stop and go on every  
4 road from about 3:30 to maybe 6:00, and just to get through the Bay  
5 Area would take him three hours if he left in the middle of rush hour  
6 traffic. So if you wait until maybe after 7:00, you can fly right  
7 through without having to put up with that, so I think that's what  
8 he's doing.

9 MS. SMITH: Well, if he waits until 7:00, it's about four  
10 hours, right?

11 MR. PROULX: Yes.

12 MS. SMITH: So he ought to get there about 11:00.

13 MR. PROULX: Assuming he doesn't stop.

14 MS. SMITH: Yes, which -- well, what he was planning on  
15 doing -- in fact, well, this was it: he was going to call here at --  
16 let's see -- 11:00 would have been -- he said 11:00 or 12:00, which  
17 would have been 1:00 or 2:00 our time. But since I was going to be  
18 leaving at midnight, he was going to stop at someplace called Kings  
19 West or something like that, Kings something?

20 MR. PROULX: Oh, King City, yes.

21 MS. SMITH: Yes, King City.

22 MR. PROULX: It's about halfway.

23 MS. SMITH: And he was going to call, which he thought would  
24 be about 10:00, he was going to call me and get the prognosis about  
25 whether or not he should be going to his apartment or going to the  
26 site. At this point, if he calls, I plan to tell him to go to the  
27 site.

28 MR. PROULX: Yes; so, it's only 8:15 now, though, so it's  
29 still -- he's probably not halfway yet so --

30 MS. SMITH: So I'm thinking he'll be there by like midnight,  
31 between 11:00 and midnight.

1 MR. PROULX: Yes; if we'd had a better feel for timing and  
2 all that --

3 MS. SMITH: Oh, yes; we could have done a lot better if we'd  
4 had any idea it was going to take --

5 MR. PROULX: We might have even been able to borrow the guys  
6 from SONGS for an afternoon or something.

7 MS. SMITH: Yes, well, we could have, but this morning when  
8 we had that opportunity, I thought it was going to be over by  
9 lunchtime, you know.

10 MR. PROULX: Well, so did I, so, you know --

11 MS. SMITH: It's just like oh, well.

12 MR. PROULX: So --

13 MS. SMITH: You got a Starbucks there in Avila Beach?

14 MR. PROULX: Yes; as a matter of fact, that's what they  
15 serve downstairs here.

16 MS. SMITH: Oh; that's right; I remember that.

17 MR. PROULX: And they've decided because of the event to  
18 leave the cafe open 24 hours now.

19 MS. SMITH: Okay.

20 MR. PROULX: Which is kind of nice.

21 MR. EDWARDS: Diablo Canyon calling Region IV.

22 MS. SMITH: This is Linda Smith. Region IV is here, and  
23 Dave is on the line, too.

24 MR. EDWARDS: Okay. Oh, I didn't know he was on the line. I  
25 was just calling you guys to give you the normal update. We're still  
26 at about 910 on pressure, and temperature is stable at 380.

27 MS. SMITH: Okay.

28 MR. EDWARDS: Nothing else has changed.

29 MS. SMITH: I appreciate it.

30 MR. EDWARDS: Thanks.

31 [Pause.]

1 MR. PROULX: These guys that have been our communicators  
2 today were the people that just took the exams week before last, and  
3 today was their very first day on watch.

4 MS. SMITH: Oh, my. Welcome to the world of operations,  
5 huh.

6 MR. PROULX: Yes; they're restricting access, as I said  
7 before, to the 12 kV rooms, but they've downgraded that to only  
8 requiring rubber booties and gloves to get in there.

9 MS. SMITH: Okay.

10 MR. PROULX: They just don't want you to get any of the dust  
11 on your hands or feet and track it around and all that kind of stuff  
12 and maybe get on you.

13 MS. SMITH: Well, you went in there kind of early, didn't  
14 you?

15 MR. PROULX: I sure did, before they even thought about  
16 safety or anything like that.

17 MS. SMITH: So I guess I didn't think about that until just  
18 now.

19 MR. PROULX: Me and Oatley and Micklish were like the first  
20 three people who went into the room as soon as they got the smoke and  
21 everything cleared out.

22 MS. SMITH: Okay; so --

23 MR. PROULX: And it was maybe about two hours later when  
24 they started thinking hey, maybe safety ought to go in there and  
25 check the atmosphere out.

26 MS. SMITH: Is there anything that you need to do in the way  
27 of, like, protective measures to, like, wash off with a cold shower  
28 before you go home or something like that [inaudible]?

29 MR. PROULX: I don't think so; I mean, it smelled kind of  
30 funny, but it just kind of smelled like burned insulation to me in  
31 there.

1 MS. SMITH: Okay.

2 MR. PROULX: It wasn't real strong either, but, you know,  
3 they're not requiring respirators now anymore.

4 Anyway, I -- and they have a list of people that are only  
5 allowed to be in there, and I had the shift manager add Greg's name  
6 to the list.

7 MS. SMITH: Okay.

8 MR. PROULX: So if he desires to go in there and eyeball the  
9 thing himself, he can. But I've got all these pictures to show him,  
10 too, so I don't know if he's seen them yet.

11 MS. SMITH: The digital pictures?

12 MR. PROULX: Yes.

13 MS. SMITH: They're really good pictures. Did we take those  
14 pictures, David, or did they take them?

15 MR. PROULX: They took them.

16 MS. SMITH: We don't have a digital camera, do we?

17 MR. PROULX: No, and it might be hard to justify it,  
18 although for -- if we used the words emergency response and say we  
19 really need them, we could probably get them, but they're like \$350  
20 apiece, digital cameras.

21 MS. SMITH: Oh.

22 MR. PROULX: Because my wife and I were shopping for one  
23 about a month ago, and we looked at that and said, well, I think we  
24 can do without one of those for awhile.

25 [Laughter.]

26 MS. SMITH: It went off of the must-have list, huh?

27 MR. PROULX: Yes; it was kind of the toy of the month until  
28 we found out how much they were. But maybe we can swing one of  
29 those; I mean, we got lousy phones in the office, so maybe we can  
30 have something good.

31 MS. SMITH: I think David's pretty underwhelmed with the

1 phone system. Yes; I guess Debbie Bacon tried to call you guys today  
2 and couldn't get through.

3 [Laughter.]

4 MS. SMITH: She got pretty worried. I explained to her that  
5 nobody was in the office.

6 MR. PROULX: Yes; so, it didn't matter.

7 MS. SMITH: Well, I mean, you know --

8 MR. PROULX: Jean was sick today, too, so if she wasn't  
9 there --

10 MS. SMITH: I hope it's nothing serious.

11 MR. PROULX: Yes; she called somebody

12 **DISK ID:A-00005, TAG ID:0000049300**

13 in the region, and then, they e-mailed me that Jean wasn't coming in  
14 because, you know, Jean tried to call the site and couldn't get  
15 through the phones either. But our control room phone works fine.

16 MS. SMITH: That's the main thing.

17 MR. PROULX: Well, I'll be looking out for Greg, and  
18 probably the next thing you hear is Greg letting you know that he's  
19 got the ball.

20 MS. SMITH: Well, David, I really appreciate you hitting it  
21 hard today. I know it was a lot of work for you.

22 MR. PROULX: Yes.

23 MS. SMITH: I came into it with a lot more sleep than you  
24 did.

25 MR. PROULX: Well, what they pay us all this money for is to  
26 be ready to do these things, so you get in with both feet when you  
27 have your chance.

28 MS. SMITH: Well, you did real well. And we'll talk to you  
29 tomorrow.

30 MR. PROULX: All right; thank you.

31 MS. SMITH: Bye-bye.

1 MR. PROULX: Bye.  
2 [Pause.]  
3 **DISK ID:A-00005, TAG ID:0000049306**  
4 MR. EDWARDS: Diablo Canyon calling Region IV.  
5 MS. SMITH: This is Linda Smith, Region IV here.  
6 MR. EDWARDS: Hello, Linda; this is James again. Plant is  
7 still stable; 910 is the pressure; 380 is the temperature.  
8 MS. SMITH: Okay.  
9 MR. EDWARDS: Just keeping you up-to-date. Every half hour;  
10 is that when you want it?  
11 MS. SMITH: That sounds great.  
12 MR. EDWARDS: Okay; that's what I'm trying to do, so -.  
13 MS. SMITH: Is there any prognosis on the backfeed? How is  
14 that going?  
15 MR. EDWARDS: You know, they're working on it. They have a  
16 clearance out right now to pull the links, the bus links between the  
17 transformer and the 25 kV system which will allow them to backfeed,  
18 and as soon as we get off that clearance, I'll let you know. But as  
19 soon as we do, then, we'll start backfeeding. That's the plan.  
20 MS. SMITH: So they're currently in the process of pulling  
21 the bus links?  
22 MR. EDWARDS: Yes; they're trying to pull the bus links.  
23 They have a clearance out to pull them right now, so they're working  
24 on it right now.  
25 MS. SMITH: They're working on the bus links.  
26 MR. EDWARDS: Yes; so, like I said, when we get the  
27 clearance back, I'll let you know.  
28 MS. SMITH: Okay; thanks.  
29 MR. EDWARDS: If Dave doesn't call you first.  
30 MS. SMITH: Okay.  
31 MR. EDWARDS: I didn't mean to interrupt you the last time.

1 I didn't know he was on the phone with you.

2 MS. SMITH: It worked out real well, because he could hear  
3 us too.

4 MR. EDWARDS: Okay.

5 MS. SMITH: Okay; thank you.

6 MR. EDWARDS: I'll talk to you in about a half hour then.

7 MS. SMITH: Okay; bye-bye.

8 MR. EDWARDS: Bye.

9 [Pause.]

10 **DISK ID:A-00005, TAG ID:0000049322**

11 MR. EDWARDS: Diablo Canyon calling Region IV.

12 MS. SMITH: This is Linda Smith from Region IV and Jim  
13 Melfi.

14 MR. EDWARDS: Yes, Linda, this is James again just calling  
15 you to let you know that we're still running about 910 on pressure  
16 and 380 on temperature and no other changes.

17 MS. SMITH: Okay; and any progress on the backfeed?

18 MR. EDWARDS: They just reported on their sub to remove the  
19 links. That means they're starting to actually take it out, so  
20 they're thinking hopefully in a couple of hours, it will all be done.

21 MS. SMITH: Okay; and could I ask you one other question?  
22 About the turbines, did you all ever get the DC power to the turbine  
23 lube oil pumps?

24 MR. EDWARDS: I believe they did, because I didn't get any  
25 turnover that they didn't get it, so I can check to make sure, but  
26 I'm fairly sure they did get it.

27 MS. SMITH: Okay; yes; if you have an opportunity.

28 MR. EDWARDS: I'll check for you.

29 MS. SMITH: Okay; thanks.

30 MR. EDWARDS: Okay; I'll talk to you later, Linda.

31 MS. SMITH: Uh-huh.

1 [Pause.]

2 DISK ID:A-00005, TAG ID:0000049323

3 MR. EDWARDS: This is James Edwards from Diablo Canyon. Is  
4 this Linda Smith?

5 MS. SMITH: Yes, hi, James; thanks.

6 MR. EDWARDS: You know, the DC system started as normal.  
7 Now, they performed an emergency purge just to get the DC system out  
8 of service so your batteries last longer. But the pumps did start.

9 MS. SMITH: Okay; so, you probably know a lot more about  
10 turbines and turning gears than I do.

11 MR. EDWARDS: Yes.

12 MS. SMITH: There's not any problem with the turbine long-  
13 range?

14 MR. EDWARDS: Well, the only thing is to turn it off of the  
15 turning gear, I believe.

16 MS. SMITH: Okay.

17 MR. EDWARDS: And so you just have to turn it on the turning  
18 gear for a little bit to get the bow out.

19 MS. SMITH: Oh, okay.

20 MR. EDWARDS: But it's not a concern. You just put a little  
21 -- when you put steam to the seals, you just start turning the  
22 turbine for like 20 -- you know, I don't know how long; the engineer  
23 would know that. But for a feed pump, I know we do it for like an  
24 hour, and we start it right up.

25 MS. SMITH: Okay.

26 MR. EDWARDS: So that's kind of -- that's normal. So if you  
27 have to shut it off and no turning gear, you just put it on turning  
28 gear with the steam to the seals, and you can straighten the bow  
29 right out.

30 MS. SMITH: Okay.

31 MR. EDWARDS: Okay?

1 MS. SMITH: Thanks for the information, James.  
2 MR. EDWARDS: All right; thanks.  
3 MS. SMITH: Thanks.  
4 MR. EDWARDS: Bye.  
5 [Pause.]  
6 **DISK ID:A-00005, TAG ID:0000049336**  
7 MR. PICK: Good morning; this is Greg Pick.  
8 MS. SMITH: Hi, Greg, how are you?  
9 MR. PICK: Fine.  
10 MS. SMITH: Well, good.  
11 MR. MELFI: Good morning.  
12 MS. SMITH: Dyle called, and he's probably only about an  
13 hour and a half away, so you maybe won't have to do too much longer.  
14 MR. PICK: Okay.  
15 MS. SMITH: He got to sleep some this afternoon.  
16 MR. PICK: Okay.  
17 MS. SMITH: And I know you've been up real early. How are  
18 things going?  
19 MR. PICK: You mean here at the plant?  
20 MS. SMITH: Yes.  
21 MR. PICK: They're -- as I walked in; I just finished  
22 turning over with David, and I didn't talk to the control room before  
23 I called and got on the bridge, but when I walked in, the shift  
24 manager informed David that there were two electricians here who were  
25 just getting ready to go out and try to connect the 480-volt source  
26 for the plant process computer.  
27 MS. SMITH: Oh, okay.  
28 MR. PICK: I don't have an estimate on how long that will  
29 take, but I will be getting that when I see the shift manager return.  
30 MS. SMITH: Okay.  
31 MR. PICK: He was going over to a 9:00 meeting to get some

1 more time estimates and stuff.

2 MS. SMITH: Okay.

3 MR. PICK: And everyone is calm. They look like they know  
4 what they're doing.

5 MS. SMITH: Okay.

6 MR. PICK: We've got a timer to tell them when to take their  
7 logs, because the plant process computer is down.

8 MS. SMITH: Okay.

9 MR. PICK: Just as I got here for my turnover, a gentleman  
10 by the name of John Hoyer, H-O-Y-E, from Los Osos, California. David  
11 told me that's on the coast about parallel in latitude as San Luis  
12 Obispo, so just up the coast a little. He called and was questioning  
13 about a leak and that he heard there was a fire, and so, I answered  
14 his questions by reading right off of the PN.

15 MS. SMITH: Okay.

16 MR. PICK: And he asked if there was anyone else monitoring  
17 besides PG&E; I said yes, sir; this is Greg Pick, and I'm in the  
18 control room monitoring PG&E's accident as we speak, and he asked my  
19 name, and I asked his name, asked what he did, and he said he was a  
20 contractor, and he was just calling as a member of the public, so I  
21 don't know where all that's going, but I figured I couldn't do much  
22 harm reading off the PN.

23 MS. SMITH: Yes; reading off the PN is okay, but you already  
24 know all that stuff. Somebody didn't know this, and I thought we  
25 talked about it, but I'm sure we do. I know you said it before that  
26 we're not supposed to tell them times down and how long they'll be  
27 down and stuff like that. You know all that stuff.

28 MR. PICK: Right, he didn't -- he didn't ask that.

29 MS. SMITH: Okay.

30 MR. PICK: So I didn't think -- I started worrying about  
31 whether he was an investment firm.

1 MS. SMITH: Yes.

2 MR. PICK: But he didn't ask that. He was worried about a  
3 steam -- a cloud of stuff. But then he just heard it on the news and  
4 --

5 MS. SMITH: Oh, okay; with the radioactivity being released.

6 MR. PICK: Yes.

7 MS. SMITH: Yes, on the news; the way -- Jim and I were  
8 talking about that earlier; the way the CNN thing -- it sounded like  
9 somebody was accusing it of being just this big leak, but NRC  
10 insisted it was below Federal limits, you know.

11 MR. PICK: And I told him that they are releasing steam, the  
12 steam dumps to maintain the temperature.

13 MS. SMITH: Right.

14 MR. PICK: And he said he understood that terminology.

15 MS. SMITH: Yes.

16 MR. PICK: So I said okay.

17 MS. SMITH: Okay.

18 MR. PICK: So, David showed me the pictures. Did you guys  
19 manage to get a copy of them?

20 MS. SMITH: We did.

21 MR. PICK: Okay; and I got a copy of the PN here and David's  
22 notes, and I know they violated tech specs, and I know to update you  
23 about once an hour or when some piece of equipment, something  
24 significant changes in the plant status.

25 MS. SMITH: Okay.

26 MR. PICK: So the answer to your question --

27 MS. SMITH: Have you met James Edwards? He's an STA?

28 MR. PICK: Pardon me?

29 MS. SMITH: James Edwards is our contact. He's an STA.

30 MR. PICK: Yes, I know who that is.

31 MS. SMITH: And he's getting on the line every 30 minutes

1 and just telling us the plant status and stuff.

2 MR. PICK: Oh, okay; this is his first night on shift. He  
3 was in that class that just passed.

4 MS. SMITH: Yes.

5 MR. PICK: So he bought Subway sandwiches and chips for the  
6 crew. And David wanted me to pass on to you -- is it just you and  
7 Jim there in the Region?

8 MS. SMITH: That is correct.

9 MR. PICK: And is it just us on this bridge and not  
10 headquarters?

11 MS. SMITH: I don't believe anybody's monitoring now.  
12 Earlier on, headquarters people were on the bridge.

13 MR. PICK: Okay; but they're maintaining a watch bill in  
14 headquarters also?

15 MS. SMITH: No.

16 MR. PICK: No? No. So I'm curious: they didn't get a  
17 branch chief to replace you for this shift?

18 MS. SMITH: I'm supposed to be calling John Pellet about  
19 right now.

20 MR. PICK: Ah.

21 MS. SMITH: But I wanted to make sure that, you know, you  
22 came in the same time I did this morning, and so  
23 I --

24 MR. PICK: Yes, I did.

25 MS. SMITH: You know, I knew that you got to sit back and  
26 kind of zone out on the plane, but I suspected that was not the same  
27 thing as a real nap, and I knew you'd be real tired, too, and I just  
28 kind of wanted to hang out and make sure that Dyle was, you know,  
29 kind of getting there  
30 and --

31 MR. PICK: Okay.

1 MS. SMITH: -- looked okay. And I was going to call John  
2 then.

3 MR. PICK: I appreciate your --

4 MS. SMITH: They've been telling us that they have begun to  
5 release the bus links.

6 MR. PICK: Pardon me?

7 MS. SMITH: They've begun to remove the bus links. So  
8 that's a good sign they're making progress on the backfeed.

9 MR. PICK: Yes; I'm going to have to try to find someone to  
10 show me a drawing about what all that's involved. I mean, David  
11 explained it to me, but I can't picture it.

12 MS. SMITH: Do you want me to try, or do you want to --

13 MR. PICK: Oh, no, I'll talk to someone here.

14 MS. SMITH: Okay; and but basically, did you -- I don't want  
15 to repeat things, so tell me, but did you hear what our criteria is  
16 for securing our monitoring?

17 MR. PICK: Yes; David went through that. Did you all type  
18 up an actual charter yet?

19 MS. SMITH: Yes, we did. I've e-mailed it to Ken, and he's  
20 looked at it. I can run over --

21 MR. PICK: No, no, David went over it real quick.

22 MS. SMITH: Okay.

23 MR. PICK: I was going to say if it's done, fax it to the  
24 resident office or e-mail it to me, but that's fine.

25 MS. SMITH: Yes, I'll e-mail it to you, but Ken's looking at  
26 it. So it's not official. But it's basically a letter to you  
27 outlines what David did already and that he'd input into the report  
28 and then gives you four things extra, which are the ones we talked  
29 about, which is basically determine extent of condition and confirm  
30 that they've got both corrective actions done that they need to  
31 before plant startup.

1 MR. PICK: Okay; so that's a good thing that I -- what I did  
2 was called the hotel to make sure that they actually had me in the  
3 hotel.

4 MS. SMITH: Yes.

5 MR. PICK: And their first answer was no, you're not here,  
6 and I said, well, do you have rooms available? And they went no, and  
7 I said wait a minute; wait a minute. I said they just called today,  
8 and he found it. And I said can I have a room through Saturday? And  
9 he said yes. I said through Sunday? He said yes. I said through  
10 Monday? He said yes. I said that's good. I said I don't know how  
11 long I'll be here, but it's better to fly out on Monday home and then  
12 tell them I don't need the room.

13 MS. SMITH: That's right.

14 MR. PICK: And David pointed out to me that there was not  
15 going to be any site coverage here at Diablo during the resident  
16 meeting. I said, well, David, if they're still shut down, there may  
17 be now.

18 [Laughter.]

19 MS. SMITH: We may check an address. Yes, that's a point.  
20 The other thing, too, you know, since you're out there, you know,  
21 you've put in so much work on that Diablo public meeting --

22 MR. PICK: The Diablo what?

23 MS. SMITH: The public meeting.

24 MR. PICK: Oh, I thought about that as I was walking off the  
25 plane. I said you know what? If I'm leading this team, and  
26 especially when that John guy called, I said, you know, if we're  
27 going to have questions of a technical nature at that meeting, I want  
28 to do one of two things. I want to watch it just to see it, and two,  
29 they may want me there to answer the questions.

30 MS. SMITH: Yes; you know, I was just thinking about that.  
31 I was telling Jim that I was

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1  
2 wishing I'd said something to you before you left, because you  
3 probably didn't bring any kind of suit or anything.

4 MR. PICK: Oh, I brought a shirt and tie.

5 MS. SMITH: Did you?

6 MR. PICK: Yes, the one I had on in the office; I took it  
7 off; folded it up; threw it in my suitcase and put on a more casual  
8 shirt.

9 MS. SMITH: Okay; so, we have options.

10 MR. PICK: Yes; and the other thing is if they get  
11 sensitive, and they want someone here next week, I'll bounce it off  
12 my wife tomorrow, but -- because I'm not sure the licensee will be --  
13 I'm not sure I'll be able to meet the intent of the charter.

14 MS. SMITH: Right.

15 MR. PICK: Because I'm dependent on how fast they move, and  
16 once they start moving, they'll move as quick as they can.

17 MS. SMITH: Right, because they want to be done.

18 MR. PICK: But it will either be, you know, I'll be here,  
19 and then, I'll stay over the weekend and next week, or they'll know  
20 it won't be next week, and it will be the week after, and you'll say  
21 come on back and then send me back again.

22 MS. SMITH: Yes; you just tell me whatever you think is the  
23 best way to do it.

24 MR. PICK: And I asked David; I said today, you know how  
25 Entergy likes to do things in parallel. I said did they start a root  
26 cause team and assign a team leader? And he said no, they're  
27 recovering. And I said yes, but they don't have no one gathering  
28 data yet? And he went no; they don't do that here. They lose focus.  
29 And I went okay; okay. So, that's the kind of stuff; you know, I was  
30 already looking at what they were doing now and thinking ahead.

31 MS. SMITH: Yes, yes; so the four things on our list are the

1 extent of condition; the root cause; the  
2 fire --

3 MR. PICK: Response.

4 MS. SMITH: The grade response and the --

5 MR. PICK: Emergency plan, right?

6 MS. SMITH: Emergency plan stuff, yes. So I'm thinking the  
7 e-plan stuff won't take very long, and the fire won't take much, but  
8 the extent of condition is the most important. If they can show that  
9 they've really done all the transformer tests and stuff that they  
10 ought to do before they put stuff back in service.

11 MR. PICK: Right.

12 MS. SMITH: All that switch gear that's kind of singed, you  
13 know; think about what all that means with all the protective relays  
14 and stuff.

15 MR. PICK: Yes; David went over the backout criteria, but he  
16 also told me that Dyle will probably be here and on shift when that  
17 occurs. I'm going to read it back to you so I give it to Dyle  
18 correctly.

19 MS. SMITH: Okay.

20 MR. PICK: The licensee has to exit the NUE.

21 MS. SMITH: Yes.

22 MR. PICK: Which they won't do until they backfeed  
23 successfully probably.

24 MS. SMITH: Right.

25 MR. PICK: So one, they exit the NUE; two, they backfeed  
26 successfully; three, they've transferred all loads onto normal power  
27 and secure those required; and then, after they've done all that, and  
28 they're headed to a stable condition, then we have to make sure the  
29 plant has been stabilized for one hour following the completion of  
30 the above actions.

31 MS. SMITH: There was a little bit of an imprecision in the

1 way that you said that. When it talked about being on normal power,  
2 it's really on offsite power.

3 MR. PICK: Well, okay.

4 MS. SMITH: There's three powers, and Elmo kept mixing it  
5 up, you know, like he kept saying normal offsite. That's not a real  
6 term.

7 MR. PICK: Well, what it is is off of the diesels, onto the  
8 backfeeding power.

9 MS. SMITH: Right, which is right.

10 MR. PICK: Even though I didn't use the right -- I had a  
11 good picture.

12 MS. SMITH: Right, but I'm sure --

13 MR. PICK: All right, but I corrected it so that I give the  
14 correct information to Dyle.

15 MS. SMITH: Yes.

16 MR. PICK: Because not doing this correctly, I could  
17 imagine, since it's the dictates of the Regional Administrator, would  
18 probably not be a good idea.

19 MS. SMITH: Well, yes; well, he won't let you then. The  
20 last thing you have to do is when you think you've gone through all  
21 the hoops is call the HOO and get the HOO to get Ken and Ellis on the  
22 phone and then they'll do the 20 questions, and then, you'll secure.

23 MR. PICK: Oh; I didn't hear that part.

24 MS. SMITH: Yes; so it's not just meeting the criteria.  
25 It's meeting the criteria and then getting them on the bridge and 20  
26 questions.

27 But, so, John Pellet is supposed to come in in a little  
28 while, and Jim's going to get replaced out a little while after that  
29 by David Graves.

30 MR. PICK: Okay.

31 MS. SMITH: So, but I'm thinking Dyle called about -- it's

1           been almost an hour now, and he said he was an hour and a half away  
2           from the plant. So you might only be there about another hour.

3           MR. PICK: Okay.

4           MS. SMITH: But David sounded so pitiful. Because he only  
5           got -- he went to bed at 11:00 the night before, and he only really  
6           got three hours sleep. Whereas at least I felt like I got pretty  
7           much sleep.

8           MR. PICK: I had a whole four hours.

9           MS. SMITH: You said, four hours? Oh, my. I didn't know it  
10          was that bad for you. When did you go to bed then? Midnight?

11          MR. PICK: Yes.

12          MS. SMITH: So you went to bed at midnight and up at 4:00?

13          MR. PICK: I don't know if I said this; yes, I'm getting  
14          tired. David's son won the geography bee.

15          MS. SMITH: Did he really?

16          MR. PICK: Yes.

17          MS. SMITH: That's great.

18          MR. PICK: Yes; he told me to make sure -- I said so she  
19          knows what was going on? He said oh, yes; I said okay.

20          MS. SMITH: That's neat.

21          MR. MELFI: Those things can be hard.

22          MR. PICK: I'm sorry, Jim?

23          MR. MELFI: I said those geography bees can be hard.

24          MR. PICK: Yes; I think his son's like 12 or 14 -- no, his  
25          daughter's the older child.

26          MR. MELFI: His son's like my age. He's like 10, 9 or 10.

27          MS. SMITH: That would be your kid's age.

28          [Laughter.]

29          MR. MELFI: My kid's age, yes.

30          MS. SMITH: Have you seen that little pun that's going  
31          around the Internet about wanting to resign being an adult? He wants

1 to be an 8-year-old again?

2 [Laughter.]

3 MR. PICK: Yes.

4 [Laughter.]

5 MS. SMITH: It's right on; but anyway. I guess we don't  
6 have too much to tell you. Did he tell you about the temporary power  
7 supply to the offsite breakers, control power for the offsite  
8 breakers?

9 MR. PICK: Yes; that they brought in a generator to power  
10 the compressors to charge up the air to the circuit breakers --

11 MS. SMITH: Yes.

12 MR. PICK: -- so they didn't lose their switchyard.

13 MS. SMITH: Yes; and the plant vent, that indication in the  
14 control room is not working, so they have to go local to get that?  
15 And the Unit I phones were out for awhile, but they're back. So  
16 really their still down to just the plant computer is the main thing.

17 MR. PICK: Are they on a periodicity? I didn't think of  
18 asking David to get that measurements. Or are they just on like 12-  
19 hour grab samples?

20 MS. SMITH: I think it's four hour, but I'm not sure who  
21 told us that. Did he say four hours, or do we just know that?

22 MR. MELFI: They told us they check it every four hours, but  
23 I don't know if they take a grab sample.

24 MS. SMITH: Yes; there's supposed to be local indication  
25 that works. Just control room indication doesn't work.

26 MR. PICK: Okay.

27 MS. SMITH: And -- let's see -- they did send in the revised  
28 50.72 that clarified that it was ductwork, not the transformer, and  
29 said that the main steam safety valve clearly responded as designed,  
30 except for it didn't reseal quite when it was supposed to, and that,  
31 you know, it did not fail open, as the original 50.72 said.

1 MR. PICK: Okay.

2 MS. SMITH: I can't think of anything else; can you? I  
3 think that's all the main stuff. David showed you the pictures?

4 MR. PICK: Yes, he did.

5 [Ms. Smith yawns.]

6 MS. SMITH: Oh, excuse me.

7 MR. PICK: Oh, that's -- you're perfectly allowed to do  
8 that.

9 [Laughter.]

10 MS. SMITH: Thanks. We can tell some political stories  
11 here.

12 MR. PICK: Political like Republicans and Democrats?

13 MR. MELFI: No; we were observing part of the news, and I  
14 was telling her that you've got to be real careful about [inaudible]  
15 from whatever standpoint you come from.

16 MS. SMITH: Yes; this event's on CNN. I guess you knew --  
17 you told me -- yes, David told you, didn't he?

18 MR. PICK: Yes; I told you at the airport that Loveless had  
19 told me, and you said you'd already seen it.

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21 Is it the same story, or is it getting updated?

22 MS. SMITH: Huh?

23 MR. MELFI: It's on like a 30 minute news cycle or an hourly  
24 news cycle.

25 MS. SMITH: Yes.

26 SPEAKER: And basically, it's kind of like they had a fire,  
27 and they're releasing steam, and the NRC insists that there's no  
28 danger to the public.

29 MS. SMITH: I think that the wording has changed slightly,  
30 but the message hasn't really changed too much.

31 SPEAKER: So that gives you the impression that, you know,

1 for Americans, which don't always have a high trust in the Federal  
2 Government anyway, if the Federal Government's insisting that  
3 something's right, you automatically think that the opposite is true.

4 MR. PICK: Well, see, that's why that John Hoyer called.

5 MS. SMITH: Yes; right; the way the wording is kind of sets  
6 you up that way.

7 MR. PICK: Yes; that's why he said he called.

8 MS. SMITH: But we tried to correct it in the PN. You know,  
9 as you were leaving, we were still doing the final noodle.

10 MR. PICK: Yes.

11 MS. SMITH: One of the only things that changed -- there  
12 weren't very many things -- was we added a however clause indicating  
13 that the most recent steam sample had no detectable levels of  
14 radioactivity.

15 MR. PICK: Right; right; that's what I read to that John  
16 guy.

17 MS. SMITH: You read that to him?

18 MR. PICK: Yes.

19 MS. SMITH: It's not a danger deal, but they make it sound -  
20 - they made it sound -- somehow, they made it sound worse on the TV.  
21 So you really do have to be careful about what you write, because you  
22 give them just fodder to [inaudible].

23 MR. MELFI: Well, yes; in that discussion, I guess,  
24 digressed into how you can portray things and what sort of facts you  
25 can selectively use, and you can make somebody look good or make  
26 somebody look bad depending on how you spin something.

27 MS. SMITH: There are some who don't understand.

28 MR. PICK: I imagine they're going to want an update to this  
29 PN.

30 MS. SMITH: Right; Jim's started on it.

31 MR. MELFI: Yes; and I got it updated as far as I got, but I

1 kind of need to get some other information, like, you know, when the  
2 bus duct is repaired, and when do they get the PPC back, things like  
3 that.

4 MR. PICK: When the bus duct is repaired.

5 MR. MELFI: Well, you know, the bus links are removed, and  
6 they get backfeed restored.

7 MS. SMITH: That's the right one.

8 MR. PICK: I've got a recommendation, Jim, based on my  
9 previous experience about how detailed I made it.

10 MR. MELFI: Keep it real high level?

11 MR. PICK: Well, if they don't know, and I'm looking at it,  
12 if they don't know the plant computer was out, don't add it.

13 MR. MELFI: Oh.

14 MR. PICK: Talk about restoring of the safety-related buses  
15 at this time, and I think what's a good thing to add after talking to  
16 David is they're intentionally doing a slow cooldown to try to  
17 prevent a crud burst.

18 MS. SMITH: Right.

19 MR. MELFI: I have due to chemistry concerns about -- you  
20 know.

21 MR. PICK: Okay.

22 MR. MELFI: The primary --

23 MS. SMITH: If you say crud burst in a PN, then, the public  
24 would --

25 MR. PICK: No, no, no, no, no, no, no.

26 MR. MELFI: What I say is due to some concerns about -- the  
27 way I phrased it is due to some concerns about chemistry in the RCS  
28 and to make the plant stable while backfeeding -- while attempting to  
29 backfeed the plant, it's being maintained stable at something, at  
30 that level. I said something to that effect.

31 MR. PICK: Okay.

1 MR. MELFI: I just haven't read it, but that was the general  
2 gist.

3 MR. PICK: Okay.

4 MR. MELFI: And I'm going to put in there -- I don't know; I  
5 kind of think it's an important thing to mention the compressors and  
6 the switchyard, but maybe we don't need to add it.

7 MR. PICK: Well, you can attempt it. I can just tell you my  
8 experience from mine being so detailed. It got hacked.

9 MR. MELFI: Well, okay.

10 MR. PICK: But it's worth a try.

11 MR. MELFI: I think that's important, but it's important  
12 from a technical point, but I don't know from a PN standpoint.

13 MR. PICK: That's the view Elmo or whoever's going to review  
14 it tomorrow will take.

15 MS. SMITH: What he ended up doing was keeping his writeup,  
16 because it will be really good in the inspection report.

17 MR. MELFI: Right.

18 MR. PICK: Right.

19 MS. SMITH: So he had a lot of detail that's really good for  
20 the inspection report saying just how things went and what happened,  
21 but the PN is more of a public affairs --

22 MR. PICK: Yes.

23 MS. SMITH: -- vehicle.

24 MR. MELFI: And it's more at a high level.

25 MS. SMITH: Yes.

26 MR. PICK: As a matter of fact, Jim, the other thing that  
27 they'll look for on the update is to connect the first one to the  
28 second one. They maintained -- like Elmo alluded; his addition was  
29 to allude that you can remain in an unusual event for the electrical  
30 power to the safety buses, so you would definitely want to mention  
31 the backfeeding was successful at this time and --

1 MR. MELFI: Right and --

2 MR. PICK: And I would say establishing chemistry controls  
3 instead of concerns over chemistry, because if you put the word  
4 concern in there, newspapers will jump on it.

5 MR. MELFI: Right.

6 MR. PICK: These are just things I learned today.

7 MR. MELFI: Yes; right; you kind of want to say things in a  
8 way that makes -- I don't know -- you want to say things in a way  
9 that you don't give the other person an option to say something, to  
10 turn the question back to you.

11 MR. PICK: Right; I guess I'm going to do like David and  
12 hang up so the phone stays charged and go find out where they are in  
13 their backfeeding and stuff.

14 MR. MELFI: Okay.

15 MS. SMITH: Yes, if you would, because I'm going to go ahead  
16 and call John, I think, because he'll need about an hour notice to  
17 come in.

18 MR. PICK: Okay.

19 MS. SMITH: And so if you could find out if -- if they're  
20 really close, I maybe won't call John. But if it looks like another  
21 couple hours, I'm going to go ahead and call him.

22 MR. PICK: Oh, oh, okay; I don't -- all right. The other  
23 thing David said to let you know is they're on both motor driven aux  
24 feed water pumps; they're not on the turbine driven aux feed water  
25 pump, because they don't want to bleed off steam generator pressure.

26 MS. SMITH: Oh, okay.

27 MR. PICK: We noticed that when he walked the boards down  
28 with me, so I knew where to go look at things.

29 MR. MELFI: Well, you know the reason why they're doing that  
30 then: is that it's hard to maintain -- they must be down and up in  
31 reactor coolant heat that it's hard to maintain what do you call it -

1 -  
2 MS. SMITH: Pressures.

3 MR. MELFI: Yes; it's hard to maintain a stable RCS since  
4 you're sucking off so much steam.

5 MS. SMITH: That's a good sign, though.

6 MR. PICK: Yes; and the other reason the operator gave is he  
7 wanted to -- right -- have the pressure available in case they needed  
8 the turbine-driven aux feed water pump.

9 MS. SMITH: Right; if something bad happens, it will be  
10 there. That's really sort of your fallback mode.

11 MR. PICK: Right; okay.

12 MS. SMITH: Okay; well, I'll just hang around and wait until  
13 you see what you find out about the link. And I'll call John if it  
14 looks like it's going to be more than another hour or so.

15 MR. PICK: Okay.

16 MS. SMITH: Okay; thanks.

17 MR. PICK: Thank you, Linda. Bye.

18 MS. SMITH: Bye.

19 [Pause.]

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21 MR. EDWARDS: This is Edwards for the -- looking for the  
22 region. This is Diablo Canyon.

23 MR. MELFI: This is Region IV.

24 MR. EDWARDS: Yes; I'm just calling you to notify you;  
25 checking about every half hour or 45 minutes; letting you know.  
26 Pressure is about 925. Temperature is stable at 380, and there's no  
27 real change.

28 MR. MELFI: How is the bus link removal coming along?

29 MR. EDWARDS: They've reported on to the clearance, and so,  
30 they're continuing work to remove the links.

31 MR. MELFI: But you don't know where they are?

1 MR. EDWARDS: I don't know where they are, no. I told Linda  
2 that I'd call as soon as the clearance came back, meaning they had  
3 removed the link.

4 MR. MELFI: Okay.

5 MR. EDWARDS: So I'll let you know as soon as we get it  
6 back.

7 MR. MELFI: All right.

8 MR. EDWARDS: Okay?

9 MR. MELFI: Thanks.

10 MR. EDWARDS: All right; I'll talk to you in about half an  
11 hour.

12 [Pause.]

13 **DISK ID:A-00005, TAG ID:0000049351**

14 MR. PICK: This is Greg. I've joined the line - - joined  
15 the bridge. Region IV?

16 [Pause.]

17 **DISK ID:A-00005, TAG ID:0000049352**

18 MR. PICK: Hello.

19 [Pause.]

20 **DISK ID:A-00005, TAG ID:0000049353**

21 MR. PICK: Jim? Linda?

22 [Pause.]

23 **DISK ID:A-00005, TAG ID:0000049357**

24 MR. PICK: Good morning; this is Greg. I've joined the  
25 bridge.

26 MS. SMITH: Hi, Greg; this is Linda.

27 MR. PICK: Hello, Linda.

28 MS. SMITH: Hi.

29 MR. PICK: The shift manager came back from his meeting, and  
30 they're still two hours away from removing the link that will isolate  
31 the damaged bus duct.

1 MS. SMITH: Okay.

2 MR. PICK: Then, they've got to report off the clearance,  
3 which will be another hour; and then, ops has to do their thing. So  
4 it's at least 5:00 a.m. Pacific time.

5 MS. SMITH: Okay; well, I guess I was looking pretty spacey,  
6 so Jim encouraged me to go ahead and call John, so I went ahead and  
7 did that.

8 MR. PICK: That's good.

9 MS. SMITH: He'll probably be in in about another 30 minutes  
10 or so.

11 MR. PICK: Okay.

12 MS. SMITH: Which ought to about coincide when Dyle gets  
13 there. Have you seen Dyle yet?

14 MR. PICK: No.

15 MS. SMITH: Not yet?

16 MR. PICK: No; I got another call from another member of the  
17 public though.

18 MS. SMITH: How are you getting these calls?

19 MR. PICK: They're calling the NRC line.

20 MS. SMITH: Wow; what was --

21 MR. PICK: What was the gist of the conversation?

22 MS. SMITH: Yes.

23 MR. PICK: That there was a release of radioactivity, and  
24 why didn't the sirens go off, and how does the public get notified,  
25 and she's a concerned citizen, and I explained normal NRC oversight  
26 of a power plant and NRC oversight in an event like this and tried to  
27 explain what happened to the reactor and that it's being cooled, but  
28 it's kind of technical to be talking to a member of the public.

29 MS. SMITH: Yes, but, you know, it's kind of maybe really  
30 good we've got a phone that's got an incoming there, you know what I  
31 mean? From a public relations point of view, you're probably doing a

1 lot of good work.

2 MR. PICK: I'm trying. I read the PN, and I tried to  
3 explain it, and she said -- and they said the event is still ongoing.  
4 I said, well, in a sense it is, and I tried to explain the exit  
5 criteria for the event, and then, I finally said ma'am -- based on  
6 the whole conversation, and she was very distrustful; I said I know  
7 you're not going to want to hear this, but I hope you can trust me  
8 that I'm here watching them to oversee them independently and trust  
9 me that there's not any danger.

10 MR. MELFI: Hey, Greg?

11 MR. PICK: Yes?

12 MR. MELFI: This is Jim Melfi.

13 MR. PICK: Yes.

14 MR. MELFI: Two questions.

15 MR. PICK: Yes.

16 SPEAKER: When did they, do you know when they stopped their  
17 cooldown? Or when did they --

18 MR. PICK: Hold it, hold it, hold, it; they reached --

19 MS. SMITH: About 17:03.

20 MR. PICK: They reached, at 15:35, they reached 380 degrees  
21 Fahrenheit and 900 pounds.

22 MR. MELFI: Okay.

23 MR. PICK: And they're on hold there. They're doing a soft  
24 shutdown for chemistry purposes, and they're on a hold until 0800.

25 MR. MELFI: In the morning.

26 MR. PICK: Yes.

27 MR. MELFI: Okay.

28 MR. PICK: And then, David gave me some more data. I'm  
29 going to have to make copies of David's notes so I can spread them  
30 out and understand them.

31 MS. SMITH: For tomorrow?

1 MR. PICK: Yes; yes; well, and somewhere, he has the  
2 sequence of events of when he expects them to --

3 MS. SMITH: Did he say when he was planning on coming back  
4 in in the morning?

5 MR. PICK: About 9:00 or 9:30.

6 [Pause.]

7 MR. PICK: If I get out of here by midnight and in bed by  
8 1:00, I'll probably be back out here around 11:00 or 11:30 if not  
9 sooner.

10 MS. SMITH: Yes; what we'll have to do is see how the  
11 buslink stuff goes. It sounds like it's likely true, then, that  
12 they'd have it done by, say, 4:30 or so, wouldn't you say?

13 MR. PICK: No, no, no, no; 5:00 a.m. this time, their time,  
14 is they're going to be ready to start their backfeeding process. I  
15 didn't ask how long that would take. And these are estimates.

16 MS. SMITH: Right.

17 MR. PICK: And it's all -- and I said is it concurrent, or  
18 is it sequential, and he said it's all sequential.

19 Oh, they're restoring the plant process computer.

20 MS. SMITH: Okay.

21 MR. PICK: They've finished the backfeed of the welding  
22 receptacle to the Unit I, and they're rebooting the computer as we  
23 speak. It's not up yet.

24 [Pause.]

25 MR. PICK: And they're going to do the chemical addition for  
26 the auxiliary feed water pumps for steam generator conditions, so  
27 they're -- the things they can work on to get their plant back to a  
28 more normal state, they're doing.

29 MS. SMITH: One step at a time.

30 MR. PICK: One step at a time.

31 MR. MELFI: Hello; Greg. Greg, are you saying that the 480-

1 volt connection is installed?

2 MR. PICK: To the plant process computer, yes.

3 MR. MELFI: Okay.

4 MR. PICK: They've reported off.

5 SPEAKER: Okay.

6 MR. PICK: Now, I didn't get an exact time.

7 MS. SMITH: Oh, we'll just say this is when you reported it.

8 MR. PICK: That will work.

9 MS. SMITH: We're just wanting general -- you know what I  
10 mean?

11 MR. PICK: Yes.

12 MS. SMITH: Big picture flow.

13 This is the first time that I've ever responded to something  
14 in the region.

15 MR. PICK: Oh, really?

16 MS. SMITH: Yes; I've never even been in a drill before.

17 MR. PICK: Holy cow.

18 MS. SMITH: I've been at the other end, you know, like the  
19 person at the site a couple times.

20 MR. PICK: Yes; oh, well, you'll have lots of opportunity to  
21 boss with Waterford in our branch.

22 [Laughter.]

23 MS. SMITH: So, they're special, huh?

24 MR. PICK: Well, yes; I guess if you thought I looked awful  
25 calm and kind of looked like I knew what I was doing, it's because  
26 I've done it several times.

27 MR. MELFI: Hey, Greg, do you know when they went out on the  
28 clearance to work on the electrical links?

29 MR. PICK: No, no, but I can hang up and see if I can get  
30 exact times.

31 MR. MELFI: Okay. John came in here with a small drink.

1 MR. PICK: John came in -- John never comes in with small  
2 drinks.

3 MS. SMITH: That was a tongue in cheek.

4 [Pause.]

5 DISK ID:A-00005, TAG ID:0000049359

6 MR. PICK: Hello.

7 MR. ACKER: Hi, Greg.

8 MR. PICK: Hi, Dyle.

9 MR. ACKER: What's the plan?

10 MR. PICK: Where are you at?

11 MR. ACKER: I'm in the office. I stopped to get some  
12 Tylenol.

13 MR. PICK: Okay.

14 MS. SMITH: Welcome, Dyle.

15 MR. ACKER: Hi, there.

16 MS. SMITH: I'm just turning over here with John.

17 MR. PELLET: Good morning, Dyle.

18 MR. ACKER: Good morning.

19 MR. PELLET: Or good after -, or evening to you, I guess.

20 MR. PICK: Are you good and awake, Dyle?

21 MR. ACKER: Probably for awhile.

22 MR. PICK: Okay.

23 MR. ACKER: What's the plan? You want me to come in and  
24 relieve you, and you go home, or what?

25 MR. PICK: Yes; well, I'd like to go check into my motel,  
26 maybe find me something to eat somewhere.

27 MR. ACKER: Good idea. I'll be down there in a minute. You  
28 want me to hang on for this briefing, or do you want to be --

29 MR. PICK: You can just listen to Linda talk to John for  
30 awhile.

31 MR. ACKER: Okay.

1 MR. PICK: I'm not in that big of a rush.

2 MS. SMITH: It won't take very long. Basically, where  
3 they're at is the motor-driven aux feed water pumps are feeding the  
4 generator, and they're steaming the 10 percent dump valve, and it's -  
5 - the big thing that they have left that they haven't been able to  
6 return to normal so far is the plant computer dropped off when its  
7 battery ran out of power, and they have put a temp mod in to install  
8 power to the inverter to the plant computer from a welding receptacle  
9 from Unit II, I guess, and that's complete, but they're still in the  
10 process of rebooting the plant computer.

11 All that lost for them were some, like, alarms. But they've  
12 been holding steady at roughly 900 pounds, 380 degrees, and they plan  
13 to stay there until 8:00 a.m. for two reasons: one, to make a soft  
14 shutdown --

15 MR. ACKER: Greg?

16 MR. PICK: Yes?

17 MR. ACKER: I can't hear; I'm going to hang up. I'll be  
18 down in a minute.

19 MR. PICK: Okay.

20 MR. ACKER: Bye.

21 [Dialogue in Region IV IRC]

22 [Pause.]

23 **DISK ID:A-00005, TAG ID:0000049361**

24 MR. PICK: Hey, Linda?

25 MS. SMITH: Yes?

26 MR. PICK: I'm going to get off of here and give Dyle a  
27 turnover.

28 MS. SMITH: Okay; thanks, Greg.

29 MR. PICK: You're welcome.

30 [Pause.]

31 **DISK ID:A-00005, TAG ID:0000049362**

1 [End of dialogue in Region IV IRC]

2 [Pause.]

3 **DISK ID:A-00005, TAG ID:0000049363**

4 MR. EDWARDS: Diablo Canyon; this is Edwards contacting  
5 Region IV.

6 MR. MELFI: Good evening.

7 MR. EDWARDS: How are you doing?

8 MR. MELFI: This is Jim Melfi. Linda Smith is no longer  
9 here. We have a new -- a new Region IV manager here, John Pellet,  
10 and I maybe you can kind of go over quick status with him.

11 MR. EDWARDS: Sure; don't have a problem with it. I'm James  
12 Edwards. I'm standing in a watch. I'm going to be a shift engineer,  
13 and I'm doing the contacting, and what we've been doing is trying to  
14 get a contact with you every half hour or so.

15 The status of the plant right now currently is they're in  
16 mode three; they're at 380 degrees, and they're at about -- they're  
17 between 900 and 930 pounds, and they're staying there. They have a  
18 plan to start cooling down tomorrow morning. So they'll start  
19 cooling down to 290 tomorrow at 8:00 in the morning.

20 Currently, they're working on removing the links to isolate  
21 the transformer and the bus bar that was damaged today.

22 MR. MELFI: James?

23 MR. EDWARDS: Yes.

24 MR. MELFI: When did you guys sign in on the clearance?

25 MR. EDWARDS: They signed in on the clearance, I believe,  
26 like 2145, 2200, something like that, 10:00. The time they're  
27 expecting to be done is 12:30, so 0030. That's when they expect to  
28 have an operator down to inspect the link removed. So, you know,  
29 right now, they're currently removing it.

30 MR. MELFI: And when did you secure the turbine driven aux  
31 feed water pumps?

1 MR. EDWARDS: You know, I could look that -- I don't know  
2 that.

3 MR. MELFI: I'm just wanted to just kind of get a feel for  
4 that.

5 MR. EDWARDS: Yes; I'll get you a time for that.

6 MR. MELFI: Okay; all right.

7 Well, just kind of, just kind of do a thumbnail sketch I  
8 think for John.

9 MR. EDWARDS: Okay; once they removed the link, the link to  
10 isolate that bar, that part of the bar, then, they're going to come  
11 off the clearance, and we'll be able to backfeed, and then, we're  
12 terminating the event. You know, we'll be able to power up the  
13 buses. So that's the plan. But the plant status, you know, I  
14 believe everything worked as it was supposed to during the event. I  
15 haven't gotten a report of anything that didn't work correctly, you  
16 know, except for we don't have any nonvital 4 kV or below on the  
17 power.

18 I don't know how much info you have, so if there's anything  
19 you need to ask me, I'll look it up if I don't know.

20 MR. MELFI: The nonvital batteries, you know, not the  
21 appendix-R batteries but the other sort of batteries?

22 MR. EDWARDS: Yes; I know which ones.

23 MR. MELFI: How are those holding up?

24 MR. EDWARDS: You know, some of the lights had stopped  
25 working, but that wasn't on the nonvital batteries. That was  
26 actually on the -- they were single battery packs throughout the  
27 plant. But I believe the nonvital batteries are still holding up.

28 MR. MELFI: Okay.

29 MR. EDWARDS: I don't believe we lost any lighting from the  
30 nonvital batteries.

31 MR. MELFI: I guess it's still kind of getting dimmer, I

1 guess.

2 MR. EDWARDS: Yes, they are getting dimmer, but we're still  
3 -- all the lights are still on so --

4 MR. PELLET: This is John Pellet. A couple of questions  
5 come to mind.

6 MR. EDWARDS: Sure.

7 MR. PELLET: Just for my info, who's the emergency director  
8 tonight?

9 MR. EDWARDS: The ISEC was Gary Anderson.

10 MR. PELLET: Okay; and the procedure you're going to need to  
11 use to restore offsite power once the links are removed, is that an  
12 existing station procedure?

13 MR. EDWARDS: Yes, it is.

14 MR. PELLET: Okay; so okay --

15 MR. EDWARDS: I'll get you the number if you'd like.

16 MR. PELLET: I don't think I need it right now.

17 MR. EDWARDS: Okay.

18 MR. PELLET: Thank you.

19 That's the only thing that comes to mind. I presume -- I  
20 understood that access to the area was problematic because of hazmat  
21 concerns, and that's still true?

22 MR. EDWARDS: I believe that they've cleaned up a lot of the  
23 hazmat except right around the area. That was the last report I had  
24 heard, was that right around where the bus bar blew out, they still  
25 had that kind of taped off, but they had cleaned up most of the  
26 rooms.

27 MR. PELLET: Thank you. And I understand you're going to  
28 get back on in about 30 minutes with --

29 MR. EDWARDS: Yes; when the inspector's on the phone, I  
30 figure he's talking to you, and he's bringing you up to date, so I've  
31 been leaving the phone alone. But I'm trying to every 30 minutes

1 just give you a status update.

2 MR. PELLET: Right.

3 MR. EDWARDS: So it will be about 23:45 is when I'll  
4 probably do the next one.

5 MR. PELLET: Sounds reasonable to me.

6 MR. EDWARDS: So that's acceptable? I don't want to -- if  
7 you need me to talk to you more, I'll do it more but that's what I've  
8 been doing.

9 MR. PELLET: That seems reasonable, and I understand that  
10 Greg Pick and Dyle Acker are in the control room turning over?

11 MR. EDWARDS: Yes; that is correct; they're standing right  
12 here to my left.

13 MR. PELLET: Right; so we'll get Dyle on in a little bit.

14 MR. EDWARDS: Okay; well, do you want me to tell him, or  
15 you'll just call him?

16 MR. PELLET: No, no, he'll just get on; no problem.

17 MR. EDWARDS: Okay.

18 MR. PELLET: Jim?

19 MR. MELFI: Have you energized the plant computer back yet?

20 MR. EDWARDS: They have power to the computer, and I don't  
21 know if they've booted it back up, but the screens are on so --

22 MR. MELFI: So it's coming?

23 MR. EDWARDS: Yes, they're getting it back. They're  
24 restoring it.

25 MR. MELFI: All right.

26 MR. EDWARDS: I'll go ask them when I'm looking up when they  
27 took the terry turbine offline; I'll ask them how long they expect  
28 before the computer gets back as well.

29 MR. MELFI: Thank you.

30 MR. EDWARDS: Yes; anything else you guys need me to look up  
31 for you?

1 MR. MELFI: No.

2 MR. PELLET No, thank you.

3 MR. EDWARDS: Okay; I'll probably talk to you in about 5  
4 minutes, then.

5 MR. MELFI: Okay.

6 MR. EDWARDS: Okay; bye.

7 [Pause.]

8 MR. EDWARDS: This is Diablo Canyon, Edwards, talking to the  
9 region.

10 MR. PELLET: John Pellet.

11 MR. EDWARDS: Okay, John, this is -- it's okay to call you  
12 John, right?

13 MR. PELLET: Oh, yes.

14 MR. EDWARDS: Okay; the terry turbine was secured at 1:23 in  
15 the morning. And then, the PPC, they don't expect to get it back  
16 tonight all the way.

17 MR. PELLET: The secured time was 1:23 in the morning?

18 MR. EDWARDS: Yes.

19 MR. PELLET: It's 11:00 out there. It's 23:00 out there.  
20 I'm a little confused.

21 **DISK ID:A-00005, TAG ID:0000049364**

22 MR. EDWARDS: Yes; it was right after the trip.

23 MR. PELLET: Oh, so you've been on the motor-drivens all  
24 day.

25 MR. EDWARDS: Yes; the vital buses just energize the diesel.  
26 We never lost the 4 kV vitals.

27 MR. PELLET: Understood; we had understood earlier that you  
28 were all using the turbine-driven aux feed pump for feed and secured  
29 it late this evening your time due to cooldown control concerns. Is  
30 that not the case?

31 MR. EDWARDS: I just got that off of the CO's log that at

1 1:23 this morning, they shut it down. I could ask the CO who was on  
2 watch -- he's here -- if they restarted it, but I didn't see anything  
3 in the logs that stated they restarted it.

4 MR. MELFI: I was kind of under -- well, that was a little  
5 bit different understanding than I thought.

6 MR. EDWARDS: Okay.

7 MR. MELFI: And the --

8 MR. EDWARDS: I'll make sure that's right. I don't want to  
9 give you a conflicting story. I'll make sure that's correct.

10 MR. MELFI: Okay.

11 MR. EDWARDS: And then, the PPC, the plant computer, they  
12 don't expect to get it back tonight. That's when they were  
13 energizing. I guess they just didn't get it energized tonight. It's  
14 going to be in the morning.

15 MR. PELLET: Okay; but tonight for you all ends in about 45  
16 minutes.

17 MR. EDWARDS: Well, yes, we're here until 7:00 in the  
18 morning, so that's what I mean.

19 MR. PELLET: Don't expect it back until after shift change?

20 MR. EDWARDS: They expect it back when they get power back,  
21 I believe. That's when they're going to -- I don't think they're  
22 going to be able to get a jumper from Unit II like they were trying  
23 to do.

24 MR. MELFI: James?

25 MR. EDWARDS: Yes?

26 MR. MELFI: When they get off the clearance on the links and  
27 the operators do their things, and then, you guys start doing the --  
28 bringing back the loads online and restoring a more normal lineup?

29 MR. EDWARDS: Yes.

30 MR. MELFI: Is that -- are you going to do that on parallel,  
31 or is that all sequential?

1 MR. EDWARDS: Well, when they get the links done, they have  
2 grounds on the links, so that clearance has to come off before they  
3 start energizing, you know, for backfeed, but I do know that they've  
4 started the clearance for the backfeed, meaning they've started the  
5 preparatory work that they can get done prior to coming off of that  
6 clearance to get the bus energized.

7 MR. MELFI: So basically, it sounds like it's not going to  
8 be done for several hours, because it looks like you have to do one  
9 thing in front of another.

10 MR. EDWARDS: Yes; a lot of it is sequential, so I don't  
11 believe they're expecting it -- I mean, they put the end time at,  
12 like, 6:00 in the morning, but I think they're expecting to have it  
13 back around 3:00 so -- I mean, everything done.

14 MR. MELFI: Oh, okay.

15 MR. PELLET: And basically, this will get you your 4 kV  
16 nonvital, and then, I guess you'll have to do a dead bus  
17 transfer on each of the safeguards buses.

18 MR. EDWARDS: No, actually, we can transfer the buses  
19 reversed. We can transfer it to the aux power and not kill the bus.

20 MR. PELLET: Oh, okay.

21 MR. EDWARDS: We do have a procedure for that.

22 MR. PELLET: Okay.

23 MR. EDWARDS: So that's what they're planning on doing.

24 MR. MELFI: Okay; all right.

25 MR. EDWARDS: Okay; so I'm going to check and make sure that  
26 that terry turbine was secured, and they weren't using it, all right?

27 MR. MELFI: Okay.

28 MR. EDWARDS: Okay; and I'll let you know.

29 MR. PELLET: Thank you.

30 [Pause.]

31 **DISK ID:A-00005, TAG ID:0000049366**

1 MR. EDWARDS: This is Edwards from Diablo Canyon to the  
2 region.

3 MR. MELFI: Yes, James.

4 MR. EDWARDS: Yes; we've confirmed that it was shut off in  
5 the morning first thing, and it is a cooldown concern, so they  
6 secured the terry turbine like about 40 minutes -- I mean 50 minutes  
7 -- after the trip.

8 MR. MELFI: Okay.

9 MR. EDWARDS: And they've been using motor driven pumps the  
10 whole time.

11 MR. PELLET: Thank you.

12 MR. EDWARDS: Okay?

13 MR. MELFI: Okay.

14 MR. EDWARDS: Anything else or --

15 MR. MELFI: No, that's fine.

16 MR. EDWARDS: Okay; and I'll let you know if anything  
17 changes on the status of that clearance for the power.

18 MR. PELLET: Okay.

19 MR. MELFI: All right. I Appreciate it.

20 MR. EDWARDS: All right; I'm putting you back down.

21 [Pause.]

22 **DISK ID:A-00005, TAG ID:0000049374**

23 MR. EDWARDS: Diablo Canyon contacting the region.

24 MR. PELLET: John Pellet here, Region IV.

25 MR. EDWARDS: Yes; John, this is James just calling to tell  
26 you the status of the plant is unchanged at this time. We're at 920  
27 pounds of pressure and 380 temperature.

28 MR. PELLET: 920 pounds, 380 degrees; no change.

29 MR. EDWARDS: That is correct.

30 MR. PELLET: All right; thank you. I don't think there's  
31 much you said; we don't have any short-term activities that are going

1 to change plant status.

2 MR. EDWARDS: No; you know, if -- by 1:00, if they come off  
3 the clearance, like I said, anything that happens with that  
4 clearance, I'll let you know, but at 1:00 is when they're expecting  
5 to be done with the clearance, and then, they'll start the procedure  
6 to backfeed. So that's the expected time. So I'll let you know as  
7 soon as anything changes.

8 MR. PELLET: And you all are on crew until the morning, so  
9 it's going to be you all doing the backfeed.

10 MR. EDWARDS: Yes; we should turn over the unit being  
11 backfed. That's the plan.

12 MR. PELLET: Okay; I guess have you all started your task  
13 briefs and stuff?

14 MR. EDWARDS: They did brief the guy who was going to do the  
15 backfeed, the two people who are doing that. Like I told you  
16 previously, they had started doing the clearance and the procedure,  
17 the prep work, toggle switch type stuff, cutting out relays, that  
18 kind of stuff that's kind of preemptive. So they're getting  
19 everything done they can, and then, they'll probably brief it when  
20 they get ready to do things that will start powering up equipment.  
21 They'll probably bring everybody in and brief that.

22 MR. PELLET: Okay.

23 MR. EDWARDS: I think they're going to wait until right  
24 before they do that so that everyone is right there.

25 MR. PELLET: Yes; okay; thanks.

26 MR. EDWARDS: Okay? Anything else, John?

27 MR. PELLET: No, not offhand, thank you.

28 MR. EDWARDS: Okay; and I'll be probably getting a hold of  
29 you about a quarter after midnight then.

30 MR. PELLET: Thank you.

31 MR. EDWARDS: All right.

1 [Pause.]

2 MR. PELLET: This is John Pellet in Region IV. Dyle, are  
3 you on this bridge?

4 [No response.]

5 [Pause.]

6 **DISK ID:A-00005, TAG ID:0000049379**

7 MR. ACKER: Hello, John, You there?

8 MR. PELLET: Region IV; who just joined us?

9 MR. ACKER: Yes; this is Dyle Acker.

10 MR. PELLET: Dyle, how are you tonight still?

11 MR. ACKER: It's still tonight, yes, another 3 minutes.

12 MR. PELLET: Yes.

13 MR. ACKER: It'll be the next new day.

14 I don't have any big news, John. I was going to go out and  
15 walkdown the diesels, walkdown the room, get a view myself, go out in  
16 the yard and see how they're doing with the link they're removing off  
17 of aux transformer 1-1 and check back in in a half an hour or 45  
18 minutes if that's all right.

19 MR. PELLET: That seems reasonable to me. I guess it's my  
20 perception from talking to Mr. Edwards and talking to Linda and Greg  
21 a little bit is that we're looking at several hours before they  
22 repower -- finish repowering.

23 MR. ACKER: That would be my opinion, too. They are still  
24 waiting for clearances, and these guys in here don't know  
25 specifically where they are on that link they're removing. I thought  
26 I'd just walk out and see.

27 MR. PELLET: Okay.

28 MR. ACKER: But I looked around at all the parameters.  
29 Everything appears to be stable.

30 MR. PELLET: Yes.

31 MR. MELFI: How are the lights in the turbine building and

1 places like that?

2 MR. ACKER: I couldn't hear that.

3 MR. MELFI: I was just thinking just kind of how is the  
4 general lighting in the turbine building and other places?

5 MR. ACKER: I've only been on the deck, and it's very poor  
6 up on the deck. That's why I wanted to wander down and look around.

7 MR. PELLET: Well, one of the things, I guess, that we're  
8 hearing is that they don't - -they're going to continue to have  
9 progressive lighting failures through the evening.

10 MR. ACKER: For those BOL lamps that are only so long,  
11 that's probably a true statement.

12 MR. PELLET: We also heard -- and you may want to just to  
13 confirm if you hear anything different is that we had a -- when I got  
14 here an hour ago or so, I was under the understanding that they were  
15 in the process of rebooting the plant computer. I now understand  
16 subsequent to that that they do not expect to have the plant computer  
17 back until day shift.

18 MR. ACKER: I know it's not back yet. I had not heard that  
19 till day shift. I'll confirm that, and I'll let you know when I call  
20 back, John.

21 MR. PELLET: Yes; I don't know that you need to actively  
22 pursue it; just making sure we're all working on the same information  
23 base.

24 MR. ACKER: Yes; I don't know the new data. I know it's not  
25 back yet.

26 MR. PELLET: Yes; so I guess that's about all I can think  
27 of, and I guess it's -- what I'm hearing is unless things change,  
28 we're going to probably need to plan to bring Dave into the site this  
29 morning to relieve you.

30 MR. ACKER: That would be my guess.

31 MR. PELLET: Because it doesn't sound like they're going to

1 be out of this in time for us to --

2 MR. ACKER: I don't believe there's any way at this point.

3 MR. PELLET: Yes, okay.

4 MR. ACKER: And I'm not going to -- I don't think we should  
5 push them. I think the slow and careful and make sure that the stuff  
6 is all good before you bring it back is the right way to go.

7 MR. PELLET: We all like that approach. Just trying to  
8 confirm we're all on the same wavelength about things.

9 MR. ACKER: The first thing I'm going to do, John, is walk  
10 back to my car and pick up my beeper, so in case you need to get a  
11 hold of me, the licensee's beeper number is 7543.

12 MR. PELLET: Okay.

13 MR. ACKER: You know how to get to that? You dial 805-545-  
14 4666, and then, when you get the first tone, you put in 7543, and  
15 then, when you get the second tone, you put in the number you want me  
16 to call.

17 MR. PELLET: 805-545-4666.

18 MR. ACKER: Yes.

19 MR. PELLET: Okay.

20 MR. ACKER: And then, my beeper is 7543.

21 MR. PELLET: Right; and so, dial that number; put in 7543  
22 and then the number to call.

23 MR. ACKER: Yes; and that's the first thing I'm going to do  
24 is go pick it up. I left it in my car. And then, I'll head on out  
25 down to the diesel rooms and check out how they're doing, and I'll  
26 call back in, oh, 45 minutes or an hour.

27 MR. PELLET: Okay; and just to make sure -- just for your  
28 info, we also heard from Mr. Edwards that they are basically getting  
29 to the end of their hazmat cleanup; that they're getting much more  
30 accessibility into the switch gear areas.

31 MR. ACKER: My understanding was that I still needed

1 booties, but I'll check that out.

2 MR. PELLET: Yes; but I think they got rid of the SCBAs and  
3 stuff.

4 MR. ACKER: That is correct, yes; you don't need -- I know  
5 you don't need that at this point, yes.

6 MR. PELLET: No problem; just sharing common knowledge.

7 MR. ACKER: Right; well, since I've only been in the control  
8 room, I'm going to go out and see if I can develop something.

9 MR. PELLET: All right.

10 MR. ACKER: All right?

11 MR. PELLET: Thank you.

12 MR. ACKER: Talk to you later.

13 MR. PELLET: Bye.

14 MR. ACKER: Bye.

15 [Pause.]

16 **DISK ID:A-00005, TAG ID:0000049388**

17 MR. EDWARDS: This is Edwards, Diablo Canyon Unit I  
18 contacting the region.

19 MR. PELLET: John Pellet and Jim Melfi standing by.

20 MR. EDWARDS: The status is unchanged. The pressure is 935;  
21 temperature is 380; nothing has changed.

22 MR. PELLET: Thank you very much.

23 MR. EDWARDS: Thank you.

24 [Pause.]

25 **DISK ID:A-00005, TAG ID:0000049404**

26 MR. EDWARDS: Diablo Canyon Unit I. This is Edwards talking  
27 to the region.

28 MR. PELLET: This is Pellet and Melfi.

29 MR. EDWARDS: Yes; just a status update. We're at 950  
30 pounds, 380 degrees. Status of the clearance work is they do have  
31 the links removed, the links they had to remove, and they expect to

1 be off the clearance complete by 3:00.

2 MR. PELLET: This is the clearance that they have to finish  
3 before they start the bus repower?

4 MR. EDWARDS: Yes.

5 MR. PELLET: Okay.

6 MR. EDWARDS: So they do have the links removed, though, and  
7 they're progressing through the clearance now, you know, the work,  
8 the full grounds and that kind of work.

9 MR. PELLET: Okay; so it's 1:00 your time?

10 MR. EDWARDS: Yes; it's pretty close to 1:00 our time.

11 MR. PELLET: And they expect to be on the thing at 3:00?

12 MR. EDWARDS: No, they expect to be done with all the work  
13 at 3:00.

14 MR. PELLET: They expect to be ready to start  
15 the --

16 MR. EDWARDS: Yes.

17 MR. PELLET: -- actual task of repowering --

18 MR. EDWARDS: Yes.

19 MR. PELLET: -- at 3:00.

20 MR. EDWARDS: That is correct.

21 MR. PELLET: Right; I got you.

22 MR. EDWARDS: Okay?

23 MR. PELLET: Thank you much.

24 MR. EDWARDS: All right; I'll talk to you in a little bit.

25 MR. MELFI: All right.

26 MR. EDWARDS: All right; bye.

27 [Pause.]

28 **DISK ID:A-00005, TAG ID:0000049414**

29 MR. ACKER: This is Dyle Acker on the bridge.

30 MR. PELLET: Region IV, John Pellet.

31 MR. ACKER: Hi, John; just checking back in after my tour.

1 I thought I'd give you some updated information.

2 MR. PELLET: Well, Jim and I are listening away.

3 MR. ACKER: I went down and looked at all the diesels. They  
4 all seem to be running at normal temperatures, pressures, so on and  
5 so forth. The guys working on the links above aux transformer 1-1  
6 are still buttoning up, which means that they probably won't be done  
7 until I'm going to guess 2:00 to 3:00.

8 MR. PELLET: Yes; Mr. Edwards estimated 3:00.

9 MR. ACKER: Okay; I may be giving you information you  
10 already have, then.

11 MR. PELLET: Independent confirmation; that's our job.

12 MR. ACKER: Okay; and I know ops will take -- just my  
13 experience, ops will take a couple hours to get the breakers back in,  
14 so I'm looking at -- and that's 5:00, and if it's a little later than  
15 that, they won't start anything until the shift turnover, meaning  
16 they wouldn't try to bring power back right at the end of the shift.

17 MR. PELLET: What we were hearing from Mr. Edwards was they  
18 expect to have the power back before they turn over, but obviously,  
19 if they have any uncertainty or hesitation, they won't start, because  
20 I don't know -- have you looked at -- I mean, have you looked at the  
21 restoration procedure yet?

22 MR. ACKER: You mean the procedure which they are going to  
23 follow to bring it back?

24 MR. PELLET: Right.

25 MR. ACKER: I have not, and I will go do that.

26 MR. PELLET: You don't have to do it right now obviously.

27 MR. ACKER: Yes.

28 MR. PELLET: Because they're a couple hours away, but that  
29 ought to be on your list of things.

30 MR. ACKER: Yes; that's a good thing to do; okay; I'll check  
31 with that.

1           PPC computer: we actually probably both were right. They  
2 actually had power back to it about 10:00, but it's not working, so  
3 they're not expecting to bring that back up. The guy finally went  
4 home, and he won't start working again on it until day shift.

5           MR. PELLET: Well, they had a nongraceful failure,  
6 evidently, i.e., it died because the battery died.

7           MR. ACKER: That's a potential -- they told me the disk  
8 crashed, but I don't know that what you're description is is not the  
9 best.

10          MR. PELLET: Well, but what I meant was that they did not  
11 choose to power it down in a normal manner once they saw they were  
12 going to lose it.

13          MR. ACKER: Oh, yes, yes, I see what you're saying.

14          MR. PELLET: They waited for it to die.

15          MR. ACKER: Yes.

16          MR. PELLET: With the result, it died.

17          MR. ACKER: Yes, it did.

18          MR. PELLET: It really died.

19          MR. ACKER: Anyway, I will go look at the restoration  
20 procedure. Other than that, you got any hints?

21          MR. PELLET: Well, I just -- we're still hearing just for  
22 Dave's sake to have a full job brief on the restoration before they  
23 start it. So they've talked with crews, and they've talked with  
24 individuals, but they probably will have a full job brief before they  
25 start the actual restoration work.

26          MR. ACKER: I would certainly hope so.

27          MR. PELLET: And so, obviously, that would be something  
28 you'd want to make sure you knew was coming up.

29          MR. ACKER: Yes.

30          MR. PELLET: Because that's going to be --

31          MR. ACKER: Yes, that's an obvious, yes, okay.

1 MR. PELLET: That seems to me from what I'm hearing from  
2 them is that's really the next time that -- that right now, they're  
3 just finishing pulling the clearance on the link process.

4 MR. ACKER: That is correct.

5 MR. PELLET: And so, that's probably the next step and --

6 MR. ACKER: The hazmat guys have released half of the room,  
7 meaning the half that's got the bad stuff. So you can just actually  
8 get in there with nothing now. Still booties required in the other  
9 half of the room. Pretty nasty looking, but it didn't blow very far,  
10 John, so they were lucky at that part. In other words, molten metal  
11 did not blow all over the room and into other ductwork; you know, it  
12 got the one that failed and the one right above it, but it didn't  
13 seem to affect other components and ducting in the room.

14 MR. MELFI: Dyle, are you aware that they've already cleaned  
15 up a lot of what they had?

16 MR. ACKER: Oh, of course.

17 MR. PELLET: Yes.

18 MR. ACKER: But they can't clean holes, John.

19 [Laughter.]

20 MR. ACKER: So, you know, I would see obvious holes in the  
21 panels if it had blown into the panels and other ducting.

22 MR. PELLET: Have they put together their incident  
23 investigation team?

24 MR. ACKER: I have not asked that question yet. I seriously  
25 doubt it.

26 MR. PELLET: Yes; I just would -- I mean, and we don't need  
27 to know this at 0-dark-30; I just was -- I was thinking, you know,  
28 maybe they could have chartered it yesterday, but I wouldn't worry  
29 about it. That's what we've got a special inspection for.

30 MR. ACKER: Yes; I suspect I'll find out about that one,  
31 too.

1 MR. PELLET: Now how long, tell me about how long you've  
2 been working? When do we need to think about getting you some  
3 relief?

4 MR. ACKER: When I start getting tired, I guess.

5 MR. PELLET: Well, but, okay, what's your best -- how long --  
6 -- you know, Mr. Melfi has been here for almost 24 hours now, you  
7 know, coming up on --

8 MR. ACKER: Ooh.

9 MR. PELLET: So what's your --

10 MR. ACKER: My 24 hour period will turn over again about  
11 9:00 tomorrow morning, and I suspect that's probably -- you know,  
12 right now, I'm just guessing; that will be between 8:00 and 10:00  
13 tomorrow morning, I'll be asking for relief.

14 MR. PELLET: That's -- you mean this morning.

15 MR. ACKER: This morning, yes.

16 [Laughter.]

17 MR. ACKER: You're right, John. That was a real slip there.

18 MR. PELLET: Not a problem; just you know me and  
19 communications.

20 MR. ACKER: Yes; I communicated that poorly. My body is  
21 going to run out of steam sometime this morning. I know Dave was in  
22 for a long time, though, so I'll hang on while I can.

23 MR. PELLET: Let's sort of see how it goes. I mean, if you  
24 need to go rest for an hour or two, I don't think that's necessarily  
25 bad.

26 MR. ACKER: Oh, yes; Greg and I talked about that. If  
27 there's nothing going on, I have no problem with calling up and  
28 telling you for the next 45 minutes, I'm going to be in the office on  
29 the floor; please call the office in an hour and wake me up.

30 MR. PELLET: I guess what I would tell you is it sounds like  
31 to me your time window is -- you've got about an hour to an hour and

1 a half minimum before they do the next thing that's making a  
2 difference.

3 MR. ACKER: Yes; that sounds that way, yes; I haven't walked  
4 down the control panel and gotten myself up to speed and all that  
5 stuff yet, so I've got to do that next.

6 MR. PELLET: I understand; so it sounds like, though, maybe  
7 about in the neighborhood of 3:00, they may be briefing for the power  
8 restoration.

9 MR. ACKER: Yes; I'll find out and make sure he beeps me if  
10 I'm not here when they do that.

11 MR. PELLET: That's what I was thinking.

12 MR. ACKER: Yes; they beep me all the time. That won't be a  
13 problem.

14 MR. PELLET: Jim, anything?

15 MR. ACKER: Okay; I don't think of anything else. You guys  
16 got anything else?

17 MR. MELFI: I guess is your flashlight pretty good to walk  
18 around in those areas?

19 MR. ACKER: Oh, I was going to point out: I have my  
20 flashlight, and the answer is yes, but I walked the electrical rooms  
21 outside of the RCA, all the switch gear, all the turbine building.  
22 There's adequate light to get around. There might be a few valves  
23 they'd need a flashlight, you know, to see the stuff, but there's, in  
24 my opinion right now, no problem with lighting.

25 MR. PELLET: Okay; when you do your panel walkdown, I guess  
26 one of the things that I'd be at least sensitive to is what  
27 indications they don't -- I mean, they are not working, like rad  
28 monitors and --

29 MR. ACKER: Okay.

30 MR. PELLET: I don't think we have a problem here, but I'm  
31 kind of just a little sensitized to what's not running anymore.

1 MR. ACKER: I would suspect -- well, yes, I'll go look, but  
2 I would think they have almost everything, because most of the stuff  
3 on the panel comes off the inverters. They've got a lot of their  
4 nonsafety stuff on the inverters still.

5 MR. PELLET: I expect you're right.

6 MR. ACKER: But I'll go check it out.

7 MR. PELLET: If you're walking the panels, I'd guess that  
8 would be something I would --

9 MR. ACKER: Okay.

10 MR. PELLET: -- wonder about.

11 MR. ACKER: I will call back 3:00ish or so or if something  
12 happens before then.

13 MR. PELLET: Okay.

14 MR. ACKER: All right.

15 **DISK ID:A-00005, TAG ID:0000049415**

16 Talk to you later.

17 [Pause.]

18 **DISK ID:A-00005, TAG ID:0000049417**

19 MR. EDWARDS: This is Diablo Canyon Unit I contacting the  
20 region.

21 MR. PELLET: This is John Pellet and Jim Melfi in the  
22 region.

23 MR. EDWARDS: Yes; status unchanged. We're at 950 for  
24 pressure, and we're at 380 for temperature.

25 MR. MELFI: James?

26 MR. EDWARDS: Yes?

27 MR. MELFI: The pressure seems to be kind of drifting up.  
28 Is that just -- you're letting it drift up  
29 or --

30 MR. EDWARDS: They're just keeping the range between about  
31 900 and 950. I mean, they're about the tops or they increase by a

1 little bit, and they'll be running down; probably the next time I  
2 talk to you, it will be down a little bit.

3 MR. PELLET: They're in about a 50-pound band.

4 MR. EDWARDS: Yes; they've got heaters on backup and, you  
5 know, from the vital bus, and then, they have their spray going at  
6 the same time so --

7 MR. MELFI: Okay; so I was just kind of looking and  
8 remembering that it seemed like you guys had kind of gone up over the  
9 last...

10 MR. EDWARDS: Yes; it seemed like it had started about even  
11 900 at the beginning of the watch, and it's drifted up.

12 Earlier in the day, they were controlling about 980 so --

13 MR. MELFI: Oh.

14 MR. EDWARDS: I think that's a little too close. I think  
15 they're only going up to about 950 now.

16 MR. MELFI: Okay.

17 MR. EDWARDS: So --

18 MR. MELFI: And just for my info, are you all running all  
19 four reactor coolant pumps?

20 MR. EDWARDS: All four reactor coolant pumps are running.

21 MR. MELFI: Okay. And the -- when do you think the chemistry  
22 hold is going to be lifted?

23 MR. EDWARDS: Well, I'm looking at the strategy, the layout  
24 of the time line for the chemistry hold, and it says Tuesday at 8:00  
25 in the morning, they'll start cooling down to 290. So this morning  
26 at 8:00, they'll start cooling down again.

27 MR. MELFI: Okay; so you're still kind of, I guess, in the  
28 low end of mode three.

29 MR. EDWARDS: Yes; and I guess that's to control the crud  
30 burst; you know, if you go in a stepwise manner, the crud burst is  
31 not as bad. And so, for cleanup, they're going a step 380 then a

1 step to 290, and then they're going to cool down to 180 and do a  
2 forced O<sub>2</sub>. That's what the schedule that I have -- it's a handwritten  
3 one talking about their strategy, and that's pretty much what they've  
4 been running off of.

5 MR. MELFI: Okay.

6 MR. EDWARDS: So --

7 MR. PELLET: Let's see; I don't think -- anything else? I  
8 guess we're still just finishing out their clearance on the link  
9 removal.

10 MR. EDWARDS: Yes; they're removing their grounds right now.

11 MR. PELLET: Yes.

12 MR. EDWARDS: I don't know how long that takes because I've  
13 never done it so --

14 MR. PELLET: I understand, and we're still looking at about  
15 3:00ish or so to start the next step.

16 MR. EDWARDS: That's what they keep saying, yes.

17 MR. PELLET: Yes; okay.

18 MR. EDWARDS: Okay; so I'll keep you updated.

19 MR. PELLET: Thank you.

20 MR. EDWARDS: All right.

21 [Pause.]

22 **DISK ID:A-00005, TAG ID:0000049426**

23 MR. EDWARDS: Diablo Canyon Unit I contacting the region.

24 MR. PELLET: This is John Pellet and David Graves. Jim  
25 Melfi has gone home.

26 MR. EDWARDS: Okay; this is James Edwards again. Just  
27 letting you know the status is the same as before. Pressure is 950,  
28 and that's where they're controlling it at, so that's why they've  
29 been -- they raised it up to 950. So the CO reports that's where  
30 he's going to control at is around 950. And temperature stays the  
31 same at 380.

1 MR. PELLET: Okay; any status change on the --

2 MR. EDWARDS: None yet; not on that clearance, no. So it  
3 still looks like about the same time.

4 MR. PELLET: That's all we've got. We'll talk to you, I  
5 guess, in about 30 minutes.

6 MR. EDWARDS: All right; I'll talk to you later.

7 MR. PELLET: Thank you.

8 [Pause.]

9 **DISK ID:A-00005, TAG ID:0000049452**

10 MR. EDWARDS: Diablo Canyon Unit I contacting the region.

11 MR. PELLET: John Pellet and David Graves at Region IV.

12 MR. EDWARDS: Yes; just keeping you updated, pressure is 940  
13 and stable. Temperature is 380 and stable. And they're getting  
14 ready to tailboard the removal of the clearance and the rehotting  
15 the, you know, backfeeding the unit, so they're getting ready to  
16 tailboard it. I wanted to give you a status before I called you  
17 back, and they're getting pretty close on it.

18 MR. PELLET: Okay; and do you happen to notice if Dyle Acker  
19 is in the control room?

20 MR. EDWARDS: He is in the control room standing by.

21 MR. PELLET: Thank you very much; I was just going to beep  
22 him if he wasn't.

23 MR. EDWARDS: Yes, he's here.

24 MR. PELLET: I don't need to talk to him. I just wanted to  
25 make sure he knew they were getting ready to brief.

26 MR. EDWARDS: He's actually taken -- he'd looked ahead in  
27 the procedure.

28 MR. PELLET: Yes.

29 MR. EDWARDS: Yes; I've seen him checking everything out.

30 MR. PELLET: I was confident he was. I just didn't want him  
31 to miss the start of the tailboard.

1 MR. EDWARDS: Oh, no, he's here.

2 MR. PELLET: Thank you very much.

3 MR. EDWARDS: All right; talk to you in about 30 minutes.

4 MR. PELLET: Thank you.

5 MR. EDWARDS: All right.

6 [Pause.]

7 **DISK ID:A-00005, TAG ID:0000049455**

8 MR. ACKER: Good morning; this is Dyle Acker.

9 MR. PELLET: Hi, Dyle; John Pellet and David Graves here.

10 MR. ACKER: Oh, you got a relief for Jim, huh?

11 MR. PELLET: Yes; Jim went home to crash, and David's in  
12 here keeping me awake.

13 MR. ACKER: Okay; not much is new. They have put the covers  
14 on the buswork back together, and they're in the process of pulling  
15 the grounds. So I would expect them to be off the clearance 4:00ish  
16 rather than 3:00ish. That sets them back an hour.

17 Looks to me like everything in the control room as far as  
18 indication, other than the PPC, is pretty normal. I didn't see  
19 anything that was out.

20 And you asked about an incident investigation team. They  
21 haven't established that yet. What they do have is an event recovery  
22 team, which is the people who look at what do we have to do that get  
23 everything back together, and Micklish is leading that.

24 MR. PELLET: James Edwards just called and told us they were  
25 getting ready to tailboard the repower.

26 MR. ACKER: Their plan was once the guys [inaudible] off the  
27 clearance is to tailboard before they send the guys out to rack the  
28 breakers back in; that's true.

29 MR. PELLET: Okay; but what I'm hearing from you is it's  
30 probably going to be another hour before they do that tailboard.

31 MR. ACKER: It might be.

1 MR. PELLET: Roughly.

2 MR. ACKER: It might not be. You've got my guess based on  
3 how fast things are going.

4 MR. PELLET: Right; I mean, yes; I mean, they're not like  
5 they're congregating and getting ready.

6 MR. ACKER: Yes.

7 MR. PELLET: They're not that far along yet.

8 MR. ACKER: No; I mean, they're looking through the prints  
9 and preparing what they're going to tailboard, but, you know, and it  
10 could happen in the next 15 minutes, but I would say it would  
11 probably be later.

12 MR. PELLET: Does the procedure look like it's okay?

13 MR. ACKER: The procedure is AP26, which is their loss of  
14 offsite power procedure, and it's quite brief, but it tells them the  
15 correct things to do. The only thing that I've asked them that  
16 concerns me a little bit, and they know that, is they're not doing  
17 any testing on this aux transformer 1-2 busing that they're going to  
18 put back in service. In other words, they're going to close the  
19 backfeed breakers and hope that nothing was damaged.

20 MR. PELLET: I understand; I mean, they visually inspected  
21 it, I assume.

22 MR. ACKER: They are saying they are visually inspecting it.  
23 I haven't gotten a report that that's complete yet.

24 MR. PELLET: They intend to visually inspect it before  
25 repowering it, but they don't intend to do any definitive testing.

26 MR. ACKER: That is correct.

27 MR. PELLET: Okay.

28 MR. ACKER: And that's all I have. I mean, I'm here in the  
29 control room, and I'm going to stay here since that briefing could  
30 come at any point, and I'm not all that sleepy, so I will let you  
31 know when the briefing is over, I guess, is the next thing that would

1 be important, I guess.

2 MR. PELLET: Sounds reasonable, David.

3 Can you think of anything?

4 [No response.]

5 MR. PELLET: Okay; thanks a lot.

6 MR. ACKER: All right; talk to you later.

7 MR. PELLET: Bye.

8 MR. ACKER: Bye.

9 [Pause.]

10 **DISK ID:A-00005, TAG ID:0000049466**

11 MR. MERSCHOFF: This is Ellis Merschhoff; you there?

12 MR. GRAVES: This is Region IV.

13 MR. MERSCHOFF: Hi, Ellis here. Can you give me the status,  
14 Dave?

15 MR. PELLET: Yes, Ellis; Ken Brockman is on the other line,  
16 and so can you all both hear me? Can you hear me, Ken? Ellis?

17 MR. MERSCHOFF: Yes.

18 MR. PELLET: Okay; the licensee is not yet repowered.  
19 They're making slow but steady progress to repower. They're  
20 expecting right now to have their repowering completed by 6:00 a.m.  
21 their time. David Graves is here with me in the IRC; Dyle Acker is  
22 onsite. He expects to be stable there until about 7:00 or 8:00 a.m.  
23 this morning. Then, we're going to be working at getting Dave Proulx  
24 in.

25 Basically, the licensee status is there is about between 900  
26 and 950 pounds in the RCS; about 380 degrees; stable with motor-  
27 driven feed pumps supplying feed water to the steam generators;  
28 atmospheric dump valves -- relief valves controlling steam release  
29 and controlling temperatures.

30 They are in the process of closing out the clearance package  
31 to pull the links to isolate the aux transformer 1-1. That's their

1 last set of activities prior to backfeeding through aux transformer  
2 1-2. They are also in the process of doing a visual inspection of  
3 aux transformer 1-2 to -- so that they can at least have some  
4 assurance that it's appropriate to repower it. They're expecting in  
5 the next 30 minutes to an hour to tailboard that repower sequence,  
6 which is done with their procedure AP-26. Dyle has reviewed that  
7 procedure and is in the control room awaiting the tailboard.

8 Dyle has walked the plant. He says the general lighting  
9 conditions are okay. They're having some continued lighting  
10 degradation as batteries die off. I believe you all heard last night  
11 the plant computer had tripped. Evidently, they left it up until the  
12 power died. When they repowered it about midnight, it won't come  
13 back up. They've had some kind of failure in it, and they don't  
14 expect to have the plant computer back until day shift today  
15 sometime.

16 They basically have all their normal control room  
17 instrumentation, and they're stable. We're getting about every 30  
18 minutes to 45 minutes, we're getting a brief from the licensee  
19 representative STA, and they're still telling us their best  
20 projection is to have the repowering done by about 6:00 a.m. Pacific  
21 Daylight time and to start their next cooldown phase at about 8:00  
22 a.m. Pacific time, which will be cooling down from 380 to 290  
23 degrees.

24 They are on a real slow, real careful cooldown to minimize  
25 crud burst. What else can I tell you?

26 MR. MERSCHOFF: You said they were cooling the links to aux  
27 transformer 1-2?

28 MR. PELLET: Pulling, removing.

29 MR. MERSCHOFF: Okay; pulling the links between 1-2 and 1-1?

30 MR. PELLET: Right.

31 MR. MERSCHOFF: Okay.

1 MR. PELLET: So they can backfeed through the mains.

2 MR. MERSCHOFF: Okay; I don't think Ken can hear me. Would  
3 you pass on to him that we need to be thinking about or he needs to  
4 be setting up a morning shift relief. I don't think we have one yet,  
5 do we?

6 MR. PELLET: As far as I know, we do not. Ken, could you do  
7 that?

8 MR. BROCKMAN: We do not, and I will take care of that.  
9 I'll get in there, and we'll start working on that. Ellis, do you  
10 want to discuss that on the run?

11 MR. MERSCHOFF: Pardon me?

12 MR. BROCKMAN: Are we still planning on running?

13 MR. MERSCHOFF: I'm at the club now, and I think I'm just  
14 going to go ahead and run now and finish up early.

15 MR. BROCKMAN: I'm about probably 10 minutes from being  
16 there.

17 MR. MERSCHOFF: Okay; I'll wait for you.

18 MR. BROCKMAN: Okay; that was one of the reasons that I  
19 wanted to call up John, to get the information on the morning shift.  
20 He should be still good.

21 MR. PELLET: Yes; David got here about 3:00ish. Jim Melfi  
22 went home. Linda Smith went home about 1:00.

23 MR. BROCKMAN: Okay.

24 MR. MERSCHOFF: So what time did you get there, John?

25 MR. PELLET: About 12:45.

26 MR. MERSCHOFF: Okay.

27 MR. BROCKMAN: I'll talk to you about it at the club, Ellis.

28 MR. MERSCHOFF: Okay.

29 MR. PELLET: If you all will let me know, I'll try and get a  
30 hold of -- but we should have people starting to arrive in the next  
31 hour.

1 MR. BROCKMAN: Yes, and I'll be -- I'll come in the office,  
2 and we'll make the arrangements there.

3 John, for information, Ellis and I will probably be out of  
4 pocket from about 6:00 to 6:45.

5 MR. PELLET: Okay.

6 MR. BROCKMAN: Which shouldn't be a problem at all.

7 MR. PELLET: We have not heard -- I may give the HOO a call  
8 and just let him know a status update.

9 MR. MERSCHOFF: Yes, you need to do that, because Frank  
10 Congel wanted to know the status in the morning.

11 MR. CONGEL: Ellis, your timing is exquisite. This is Frank  
12 Congel I was listening to you guys for the last couple minutes.

13 MR. MERSCHOFF: Okay.

14 MR. CONGEL: I see, obviously, you didn't get your early  
15 release.

16 MR. MERSCHOFF: Well, yes, you know, you plan for success  
17 and sometimes --

18 MR. CONGEL: Right. No, I know unfortunately. But I also --  
19 I just got here, and I was talking to my guys and listening in on you  
20 for the last probably about 5 minutes, and I wanted to touch base and  
21 see how we would get our report together for Miraglia at 7:30 or so.  
22 Can maybe I talk with Ken and get something before he has to get some  
23 sleep? Who should we -- how should we arrange this for me to get an  
24 update so I can report upstairs?

25 MR. MERSCHOFF: Well, we're going to have a base team leader  
26 there on the line, so you can get an update from John Pellet if you  
27 want. I'm not exactly sure what you need.

28 MR. CONGEL: Well, I just want to tell people -- like we  
29 said last night on the call, I just want to give Frank an update of  
30 what happened overnight, where we are, what we're going to do so he  
31 can bring it in to Bill.

1 MR. PELLET: Frank, this is John Pellet. I've been here  
2 about six hours now, and I can certainly give you an update of what's  
3 transpired.

4 MR. CONGEL: Okay; John; tell you what I'll do. It's our  
5 time 10 minutes to 7:00. Let you go through whatever you need to do  
6 for your shift staffing, and I'll call in on this line, oh, say, in  
7 about 20 minutes; would that be okay? Then, I'll just take some  
8 notes and find out what happened during the night and get them  
9 together for Miraglia.

10 MR. PELLET: Okay; or I can just do that now, because I  
11 think Ken and Ellis are ready to drop off, and they're going to  
12 discuss the morning staffing offline.

13 MR. CONGEL: Okay; then, that would be fine. Is that okay?  
14 Anything else you want to add, Ellis?

15 MR. MERSCHOFF: No; just one thing, John: are you working  
16 on a PN that's ready for the close out once they're done?

17 MR. PELLET: Yes, and we've got a draft, but nothing's  
18 changed. We don't have it -- I mean, basically we need to tell them  
19 that the power is back; the UE is terminated and everything -- we're  
20 out of the --

21 MR. MERSCHOFF: I just wanted to make sure we had one ready  
22 to go once we do secure from the monitoring mode.

23 MR. PELLET: We've got one sitting there ready to fill in  
24 dates.

25 MR. MERSCHOFF: Okie-Dokie; that's all I need.

26 MR. PELLET: Ken, do you need anything else?

27 MR. BROCKMAN: No; I'm very comfortable, John.

28 MR. PELLET: All right; well, we'll have a PN draft with  
29 fill in the blanks by the time you all get here.

30 MR. BROCKMAN: Very good. I'll see you, then, in it will  
31 probably be a little over an hour.

1 MR. PELLET: Okay; thanks, Ken. Ellis, we'll see you  
2 probably in the same time frame. Okay?

3 Ellis, are you still on the line?

4 CONGEL: I think he dropped off.

5 MR. PELLET: I think he did.

6 Frank, this is John Pellet, P-E-L-L-E-T.

7 MR. CONGEL: Okay; got it, John.

8 MR. PELLET: And I'm here with David Graves, G-R-A-V-E-S,  
9 and I came in to relieve Linda Smith at about 1:00 a.m. our time.

10 MR. CONGEL: Okay.

11 MR. PELLET: About 11:00 p.m. Pacific time. I'll just go  
12 through and give you a status update, and I'll be happy to answer  
13 questions. And all of my times are going to be Pacific time.

14 MR. CONGEL: Okay.

15 MR. PELLET: Basically, all through the night, the reactor  
16 coolant system has been stable with no significant changes. RCS  
17 pressure -- we've been getting about a 30 to 45 minute updates from  
18 the licensee STA on this bridge, and RCS pressure has been between  
19 about 910 pounds and 950 pounds. RCS temperature has been holding  
20 right at 380 degrees. The main steam isolation valves, of course,  
21 are still closed. They're using the motor driven aux feed water  
22 pumps to supply feed water to the steam generators relieving through  
23 the atmospheric dump valves. I believe that's exactly the conditions  
24 when you all left it yesterday evening.

25 MR. CONGEL: Yes; it is; that's exactly right.

26 MR. PELLET: They have, at about 1700 yesterday Pacific  
27 time, they lost the Unit I plant computer as its battery backup  
28 slowly died. About midnight --

29 MR. CONGEL: Yes; actually, we were on the line when that  
30 was reported. We had our conference call last night --

31 MR. PELLET: Right.

1 MR. CONGEL: -- when the word came in that they had lost  
2 plant computer.

3 MR. PELLET: About midnight, they got the plant computer  
4 power restored from the 480 volt source, but the computer refused to  
5 come back up. They basically just stopped working on that until  
6 sometime day shift this morning out there. What we heard was they've  
7 had some kind of hardware failure, which sounds consistent to me with  
8 the description of running it until its battery died.

9 MR. CONGEL: Um-hum.

10 MR. PELLET: Basically, about between 11:00 and midnight  
11 last night, they started the clearance process to -- or the work  
12 package to remove the aux transformer 1-1 links so that they could  
13 repower just the aux transformer 1-2 from the backfeed. They are  
14 still in the process of finishing that clearance package. They are  
15 expecting to be through that -- completed with that and all of that  
16 clearance package finished by about 4:00 to 4:15 a.m. this morning  
17 Pacific time, in other words, in the next 30 minutes.

18 MR. CONGEL: Yes; I was going to say pretty soon; okay.

19 MR. PELLET: When they finish that clearance, then, they  
20 will have all of their physical conditions met to allow restoration  
21 of offsite power through aux transformer 1-2 to the 4 kV buses. That  
22 process -- job will be done using plant procedure AP-26, which I  
23 believe is their loss of offsite power procedure. In the control  
24 room right now, we have Dyle Acker, and he has reviewed that  
25 procedure and is standing by for the tailboard of that job when they  
26 get it done.

27 MR. CONGEL: John, excuse me one second. I'm writing  
28 furiously with notes here to get up. You said after they get the  
29 clearance package complete, how long after that do you think they get  
30 the offsite power restored?

31 MR. PELLET: What they've told us over the night -- and this

1 has been a very consistent projection -- is they expect to have  
2 normal power restored by about 6:00 a.m. Pacific time.

3 MR. CONGEL: Okay, so -- all right.

4 MR. PELLET: And they expect to tailboard that job somewhere  
5 in the neighborhood of 4:00 to 4:30 a.m. Pacific time.

6 MR. EDWARDS: Excuse me; this is Diablo Canyon, Edwards.

7 MR. PELLET: Mr. Edwards, also on this line is Frank Congel  
8 in headquarters.

9 MR. EDWARDS: How are you doing, Frank?

10 MR. CONGEL: Good morning.

11 MR. EDWARDS: I'm the guy that's been talking to John and  
12 keeping him updated, with my updates. I've been kind of waiting for  
13 you guys. Just to keep you updated, they are tailboarding that right  
14 now, so they're already in their tailboard, and they may get it  
15 before 6:00, but we're not sure exactly how long it's going to take  
16 once they start the switching.

17 MR. CONGEL: Okay; what I'll do just for reporting purposes,  
18 I'm going to put down about 9:00 our time.

19 MR. EDWARDS: Yes.

20 MR. CONGEL: If it's a little earlier than that, that's even  
21 better.

22 MR. EDWARDS: Yes; that doesn't hurt anything to be early.

23 MR. CONGEL: No, no, no. Okay

24 MR. EDWARDS: But I just wanted to let you know. And so, I  
25 was just going to update John just real quick. Plant is still stable  
26 at the same conditions as previous. It's at about 940 psig and 380  
27 on temperature, and they are tailboarding the clearance removal and  
28 reenergizing all at once, so we expect the work to start on that  
29 pretty soon.

30 MR. PELLET: And basically, Frank, they'll be able -- and on  
31 the vital buses, that will be a reverse sync; in other words, that

1 will not have to be a dead bus transfer. They won't lose anything as  
2 they make those transfers.

3 MR. CONGEL: Okay.

4 MR. PELLET: I'm not -- and, James, maybe you know -- I'm  
5 not 100 percent sure what that will be, what will be done.  
6 Obviously, the nonvital buses will be some kind of dead bus load,  
7 because they're dead.

8 MR. EDWARDS: Yes; they've gone through, and they've  
9 evaluated loading on the buses to make sure they don't have a lot of  
10 equipment starting when they power them up, and they've just said  
11 nonessential loads in preparation, you know, open the breakers ahead  
12 of time. So they've kind of evaluated which loads they want to start  
13 when they do it, but they will be a dead bus load.

14 MR. PELLET: And I guess the other thing, Frank, is I'm not  
15 sure if you were on yet, but when I last talked to Dyle Acker in the  
16 control room, he told me that the licensee was also visually  
17 inspecting aux transformer 1-2 to help assure that it was appropriate  
18 to repower it.

19 MR. CONGEL: Okay; no, I didn't hear that.

20 MR. PELLET: Yes; and so, that's probably been done since  
21 they've started tailboarding the job, but if it's not, it will be --  
22 obviously, before they --

23 MR. EDWARDS: It has been done.

24 MR. PELLET: Okay.

25 MR. CONGEL: Has been; okay. Okay.

26 MR. PELLET: That's really -- Dyle Acker went out and toured  
27 the spaces as he got there. His basic report was plant lighting was  
28 acceptable but, you know, there are still some spots -- there are  
29 some spots where we're getting to the end of battery life.

30 In general, the switch gear room, half of the room no longer  
31 has any hazmat conditions, and you can access it in street clothes.

1 The other half of the room, you need booties.

2 MR. CONGEL: Okay.

3 MR. PELLET: He's been in the room. I don't think we have  
4 any new insights from his walking around.

5 MR. CONGEL: No, probably not. How long has he been there?

6 MR. PELLET: He got there -- I've got to find the right  
7 piece of paper.

8 MR. CONGEL: Okay.

9 MR. PELLET: I've got to find that page in my log. He got  
10 there about -- something in the neighborhood of -- no, that's not  
11 right. About sometime after midnight out there.

12 MR. CONGEL: Oh, okay; it's not that critical. I just  
13 wanted --

14 MR. PELLET: And he's going to basically be there until  
15 probably about 7:00 to -- between 6:00 and 8:00 a.m.

16 **DISK ID:A-00005, TAG ID:0000049471**

17 Pacific time.

18 MR. CONGEL: Uh-huh.

19 MR. PELLET: And we'll get Dave Proulx in to relieve him.  
20 I'm sure that's one of the things Ken is talking about. Greg Pick  
21 was there, and basically, Dyle and I turned over about the same time.

22 MR. CONGEL: Okay.

23 MR. PELLET: And I think that's really -- we did have,  
24 Frank, for your info a couple of public phone calls into -- and I  
25 didn't get Ken told this, but I'll tell him as soon as -- we had a  
26 couple of public phone calls into the resident's office at Diablo,  
27 and basically, we provided the information in the PN.

28 MR. CONGEL: Okay; when you said a couple public, individual  
29 members of the public called there?

30 MR. PELLET: Yes.

31 MR. CONGEL: Okay.

1 MR. PELLET: CNN's been having a story on this all night;  
2 same --

3 MR. CONGEL: Yes.

4 MR. PELLET: -- 30-second story, and we've had a couple of  
5 public citizen -- individual public members --

6 MR. CONGEL: Okay.

7 MR. PELLET: -- phoning the resident's office, and we  
8 basically communicated the information in the PN.

9 MR. CONGEL: Okay; someone was there to actually get the  
10 call, then?

11 MR. PELLET: Greg Pick was onsite.

12 MR. CONGEL: Okay.

13 MR. PELLET: And the phone system worked properly.

14 MR. CONGEL: Okay; you said a couple of calls?

15 MR. PELLET: Yes; that's what we got the report on.

16 MR. CONGEL: Okay.

17 MR. PELLET: Both of these were before David or I got here.  
18 They were yesterday evening.

19 MR. CONGEL: Okay; and they just gave what we put out in the  
20 PN?

21 MR. PELLET: Right.

22 MR. CONGEL: Okay; the bigger picture here in terms of  
23 public affairs and stuff, I'll coordinate with our people here. I  
24 just wanted to get the plant status because you're the guys who know  
25 it.

26 MR. PELLET: Dyle has toured the emergency diesels. They  
27 appear to be working normally.

28 MR. CONGEL: Okay.

29 MR. PELLET: At about 8:00 a.m. Pacific time, current  
30 licensee plans are -- that would be their next step in the cooldown.

31 MR. CONGEL: Okay.

1 MR. PELLET: And that cooldown progression is basically  
2 established to minimize crud bursts. It has nothing to do with the  
3 electrical system.

4 MR. CONGEL: That's been the process since yesterday. I  
5 know that.

6 MR. PELLET: Yes.

7 MR. CONGEL: Okay.

8 MR. PELLET: Anything else come to mind?

9 MR. CONGEL: No; I'm just quickly looking over what I wrote  
10 down. No, I think that's it. That's very good, John. There's  
11 nothing else I can ask.

12 MR. PELLET: We did confirm this morning that so far, the  
13 licensee has a recovery team in place, but they have not yet  
14 chartered their incident team.

15 MR. CONGEL: I figure that's all going to happen today.

16 MR. PELLET: Right.

17 MR. CONGEL: Yes; that's something we'll be talking about in  
18 the future, you know, including our plans as well. I wanted to get  
19 the plant status.

20 MR. PELLET: Sure.

21 MR. CONGEL: I was hoping when I came in here this morning  
22 that you guys were all home in bed by now  
23 but --

24 MR. PELLET: We were, too.

25 MR. CONGEL: I'm sure.

26 MR. PELLET: And I'm sure there are people out in California  
27 who would really wish that.

28 [Laughter.]

29 MR. CONGEL: Okay.

30 MR. PELLET: Okay?

31 MR. CONGEL: That's all I need; thank you very much.

1 MR. PELLET: You're welcome; if you've got any questions,  
2 just let us know.

3 MR. CONGEL: We're going to keep this line open.

4 MR. PELLET: Yes.

5 MR. CONGEL: Okay; thanks again.

6 MR. PELLET: Thank you.

7 [Pause.]

8 MR. EDWARDS: Hey, John, is there anything else you need  
9 from me?

10 MR. PELLET: No, not that I can think of.

11 MR. EDWARDS: Okay; well, I'm going to set the phone back  
12 down then.

13 MR. PELLET: Okay.

14 MR. EDWARDS: All right.

15 [Pause.]

16 **DISK ID:A-00005, TAG ID:0000049474**

17 MR. ACKER: This is Dyle Acker back on the line.

18 [Pause.]

19 MR. PELLET: Hey, Dyle. This is John Pellet. You just  
20 missed all of the excitement of briefing Ken and Ellis and Frank  
21 Congel.

22 MR. ACKER: Oh, okay; good.

23 MR. PELLET: Are they done with their tailboard?

24 MR. ACKER: Yes; they just finished their tailboard, and  
25 they're out to pull the clearances. I would expect it to take  
26 between an hour and an hour and a half, my guess.

27 MR. PELLET: That's the repower.

28 MR. ACKER: That's to pull the clearances and rack the  
29 breakers back in and be ready to repower it.

30 MR. PELLET: Okay.

31 MR. ACKER: In other words, the cramp has pulled their man

1 on line tags, but ops hasn't pulled their clearance tags yet, and as  
2 part of that procedure, they'll rack the breakers back in. And  
3 that's all the news I have.

4 MR. PELLET: So you think it will be -- what I'm hearing is  
5 it will be more -- at least an hour before they actually start  
6 repowering anything.

7 MR. ACKER: My belief, and they briefed backfeed and  
8 restoration. They did not brief the synching of the generators, the  
9 diesel generators to the aux power. They said they would tailboard  
10 that part later, and that would be their last thing.

11 MR. PELLET: Reracking these breakers will provide --  
12 restore the buses for the 4 kV nonvital, right?

13 MR. ACKER: That is correct; what they'll be doing is  
14 putting the breakers back in, although they'll still be open, so that  
15 when they start the backfeed, then, once the bus is okay, then, they  
16 can start closing the breakers.

17 MR. PELLET: And getting their nonvitals back on.

18 MR. ACKER: That is correct. The other thing -- the last  
19 step of that thing also is the disconnect on the end of the generator  
20 has a ground on it, so the last thing they'll do to pull that  
21 clearance is to remove that ground.

22 MR. PELLET: Okay; well, Ken and Ellis said they ought to be  
23 here by about 7:00.

24 MR. ACKER: Let's see --

25 MR. PELLET: Our time; about an hour.

26 MR. ACKER: Yes, so it sounds like --

27 MR. PELLET: They're supposed to have a morning staffing  
28 roster for you and us.

29 MR. ACKER: I missed that.

30 MR. PELLET: When they come in, they're going to work out  
31 offline who's supposed to -- who and when replaces you, me and

1 Graves.

2 MR. ACKER: Oh, okay.

3 MR. PELLET: I don't have -- I mean, I'm sure it's David,  
4 and I'm sure it's going to happen in the time frame of --

5 MR. ACKER: Well, optimistically, if they're off of this  
6 thing at 5:00, they could start the closing and the backfeed at 5:30.  
7 They could -- optimistically, they could be done before the change of  
8 shift.

9 MR. PELLET: Shift is at 7:00?

10 MR. ACKER: Yes; my guess is that they won't because these  
11 things take time, but I'm still okay so -- and the way I understand  
12 this is that we are to continue our manning until they've gone off  
13 the diesels, and they've operated successfully for an hour or so.

14 MR. PELLET: And closed the UE.

15 MR. ACKER: Yes.

16 MR. PELLET: Yes; that's current theory.

17 MR. ACKER: Okay; when would you like your next update,  
18 then?

19 MR. PELLET: Well, I'd like to get one when you've got more  
20 info; if anything unusual happens or when they get their job done but  
21 maybe by 5:00, no matter what.

22 MR. ACKER: Okay.

23 MR. PELLET: In about 55 minutes.

24 MR. ACKER: No problem.

25 MR. PELLET: So that as people get here at 7:00, we have a  
26 current status.

27 MR. ACKER: Not a problem; I'll call back about 5:00 whether  
28 or not they've gotten in the procedure or not, although I suspect  
29 they won't have.

30 MR. PELLET: Okay.

31 MR. ACKER: I'll talk to you then.

1 MR. PELLET: Thank you much.

2 MR. ACKER: Bye.

3 [Pause.]

4 DISK ID:A-00005, TAG ID:0000049486

5 MR. EDWARDS: Diablo Canyon Unit I contacting the region.

6 [Pause.]

7 MR. GRAVES: Yes; this is David Graves in the region; go  
8 ahead.

9 MR. EDWARDS: Yes, Dave, this is James Edwards just giving  
10 you a status update. Plant status is unchanged as far as the  
11 temperature and pressure parameters. We're still running about 940  
12 to 950 on the pressure and about 380 on the temperature, and work is  
13 in progress to remove the clearance and restore power right now so --

14 MR. GRAVES: Okay; when you say work in  
15 progress --

16 MR. EDWARDS: They're out in the field doing the work,  
17 removing the clearance right now.

18 MR. GRAVES: The clearance is being removed?

19 MR. EDWARDS: Yes.

20 MR. GRAVES: And then, the links will be removed?

21 MR. EDWARDS: No, no, the links are removed.

22 MR. GRAVES: Okay.

23 MR. EDWARDS: And they're coming off of that clearance then  
24 performing work to reenergize the buses. So that work is in progress  
25 right now.

26 MR. GRAVES: Okay; coming off the clearance.

27 MR. EDWARDS: Yes.

28 MR. GRAVES: Okay; so, about how long do you estimate before  
29 they'll start trying to --

30 MR. EDWARDS: You know, I don't know. When I was looking at  
31 it, it didn't look all that complicated, but since it's switching, it

1 usually takes a lot longer. They've been saying 6:00 in the morning,  
2 and I think they're pretty confident they'll make that.

3 MR. GRAVES: Okay.

4 MR. EDWARDS: And that's our time so --

5 MR. GRAVES: Okay.

6 MR. EDWARDS: All right; thank you. Do you need anything  
7 else or --

8 MR. GRAVES: I don't think so.

9 MR. EDWARDS: Okay; thank you.

10 MR. GRAVES: Thank you.

11 [Pause.]

12 **DISK ID:A-00005, TAG ID:0000049488**

13 MR. PELLET: Region IV on the bridge; John Pellet. Who just  
14 joined?

15 [No response.]

16 [Pause.]

17 **DISK ID:A-00005, TAG ID:0000049497**

18 MR. ACKER: Dyle Acker reporting back in.

19 MR. GRAVES: Dyle, this is David.

20 MR. ACKER: Good morning.

21 MR. GRAVES: How are you doing?

22 MR. ACKER: I have no new update. They're still out working  
23 on the clearance.

24 MR. GRAVES: Okay.

25 MR. ACKER: I suspect it's going to be -- I'd guess around  
26 6:00ish before they're ready to do anything.

27 MR. GRAVES: Okay.

28 MR. ACKER: And when they talk about relief, hopefully, mine  
29 won't be too late this morning.

30 MR. GRAVES: We're expecting Ken and Ellis in here almost,  
31 you know, any minute. Ken's working up something to -- for coverage.

1 MR. ACKER: Yes; yes; whatever; just let me know. I'll hang  
2 on until they get here, but I would hope somebody could be here  
3 before 10:00.

4 MR. GRAVES: Okay; yes, I'm hoping so, too. I would assume  
5 so.

6 Do we know how to get a hold of you?

7 MR. ACKER: You're supposed to.

8 MR. GRAVES: Okay; John may. John's in the other room right  
9 now.

10 MR. ACKER: John knows I have a -- I'll be calling back in.  
11 I'll call back in at 6:00 whether they're doing anything or not.

12 MR. GRAVES: Okay.

13 MR. ACKER: In the meantime, John has my pager and how to  
14 get a hold of me.

15 MR. GRAVES: Okay.

16 MR. ACKER: And I'm going to step out of the control room  
17 for a couple minutes and grab a snack, so like I said, if anything  
18 comes up, give me a call.

19 MR. GRAVES: Okay.

20 MR. ACKER: Okay.

21 MR. GRAVES: Talk to you later.

22 MR. ACKER: Talk to you at 6:00.

23 MR. GRAVES: Bye.

24 MR. ACKER: All right.

25 [Pause.]

26 **DISK ID:A-00005, TAG ID:0000049505**

27 MR. EDWARDS: This is Diablo Canyon Unit I contacting the  
28 region.

29 MR. PELLET: John Pellet and David Graves in Region IV.

30 MR. EDWARDS: Yes; just to let you know that they're still  
31 working on removing the clearance for the auxiliary power, and

1 pressure is at 910, and temperature is at 380.

2 MR. PELLET: 910, 380.

3 MR. EDWARDS: That is correct; no other real status changes.

4 MR. PELLET: Still planning on getting this done before  
5 shift turnover?

6 MR. EDWARDS: That's what they keep telling me.

7 MR. PELLET: Okay.

8 [Laughter.]

9 MR. EDWARDS: Thanks.

10 MR. PELLET: Thank you.

11 MR. EDWARDS: Talk to you later.

12 [Pause.]

13 **DISK ID:A-00005, TAG ID:0000049517**

14 MR. EDWARDS: Diablo Canyon Unit I contacting Region IV.

15 MR. PELLET: This is John Pellet and David Graves, and I  
16 have John Tapia, who is my relief. We were just turning over.

17 MR. EDWARDS: Oh, okay; just for your report, the pressure  
18 is the same as before; it's 915 and stable. The temperature is 380  
19 and stable. They're continuing on that clearance, and it looks like  
20 they're not going to get it by 6:00, and it may even go a little past  
21 7:00. They're continuing on. They've got some of the vital breakers  
22 racked in, but they haven't energized the auxiliary bus, but they're  
23 continuing on, so until we get it energized, we're just going to keep  
24 in the event so -- I don't know what else to tell you.

25 MR. PELLET: It sounds like it's looking less likely this  
26 will happen before shift turnover.

27 MR. EDWARDS: Yes; it's -- you know, when they talked about  
28 it, they made it sound like it's kind of going slow out there doing  
29 the breaker inspections when they're racking them in and that kind of  
30 stuff, so, but, you know, I guess when you're going to hot up a bus  
31 that's been through what that one has been through, caution's kind of

1 a good thing so --

2 MR. PELLET: None of us are urging speed.

3 MR. EDWARDS: Oh, no, I'm just -- they're going slow out  
4 there, and I guess I kind of understand it being, you know, I  
5 wouldn't want to be the one out there racking them in and closing the  
6 breakers on it. You know, you want to --

7 MR. PELLET: So in about an hour, you're going to be turning  
8 over.

9 MR. EDWARDS: That is correct.

10 MR. PELLET: Okay.

11 MR. EDWARDS: So I'll probably contact you twice more and  
12 then I'll -- I'll probably call you with my relief when he gets here.

13 MR. PELLET: We'd appreciate it.

14 MR. EDWARDS: All right.

15 MR. PELLET: Thank you.

16 MR. EDWARDS: So I'll keep talking to you.

17 MR. PELLET: All right.

18 MR. EDWARDS: Bye.

19 [Pause.]

20 **DISK ID:A-00005, TAG ID:0000049524**

21 MR. ACKER: This is Dyle Acker checking back in.

22 MR. TAPIA: Good morning, Dyle. This is Joe Tapia.

23 MR. ACKER: Hi, there.

24 MR. TAPIA: How are you, sir? I've taken the duty from Mr.  
25 Pellet.

26 MR. ACKER: Okay.

27 MR. PELLET: Hey, Dyle, the reason -- I'm leaving, because I  
28 figure I've been here for the last 7 hours, and they ain't done  
29 squat, so I got fed up; I'm leaving.

30 MR. ACKER: Okay; does that mean I can go with you?

31 MR. PELLET: I understand that arrangements have been made

1 to relieve you by 8:00.

2 MR. ACKER: Who with?

3 MR. PELLET: Dave.

4 MR. ACKER: Oh, okay.

5 MR. PELLET: That's what I was told by Mr. Brockman.

6 MR. ACKER: That's earlier than I expected, actually.

7 MR. PELLET: But that's what I was told by Mr. Brockman  
8 Linda arranged last night.

9 MR. ACKER: Oh, okay; no problem. I have nothing new for  
10 the status for today other than I can tell that they've got all five  
11 of the breakers they were going to rack back in racked back in, so as  
12 soon as they finish the lineups out in the yard, this crew may or may  
13 not decide to do the backfeed and then restoration, and then, the  
14 shift foreman hasn't decided yet.

15 MR. TAPIA: When is their turnover?

16 MR. ACKER: 7:00.

17 MR. TAPIA: 7:00? Okay.

18 MR. ACKER: My best guess is -- I don't have a guess; I  
19 don't really know.

20 MR. TAPIA: Okay.

21 MR. ACKER: I will either call back in at 7:00 just to give  
22 you an updated status, or I'll call back if they're going to get it  
23 restored sooner.

24 MR. TAPIA: I appreciate that.

25 MR. ACKER: Anything else you need to know?

26 MR. TAPIA: Not at this time.

27 MR. ACKER: Okay; well, John also has the information on how  
28 to beep me if anything comes up.

29 MR. TAPIA: Oh, John's leaving.

30 MR. PELLET: It's written on that piece of paper Joe's got  
31 right in front of him.

1 MR. ACKER: Okay. Can you find it, Joe?  
2 MR. PELLET: You dial that number; you punch in that code  
3 then the number. You got it?  
4 MR. TAPIA: I got it; thank you.  
5 MR. ACKER: All right; talk to you at 6:00, then.  
6 MR. TAPIA: All right.  
7 MR. ACKER: Excuse me -- 7:00.  
8 MR. TAPIA: 7:00 your time.  
9 MR. ACKER: Yes.  
10  
11 MR. TAPIA: Have a good one.  
12 MR. ACKER: Bye.  
13 [Pause.]  
14 **DISK ID:A-00005, TAG ID:0000049536**  
15 MR. EDWARDS: Diablo Canyon Unit I contacting the region.  
16 MR. TAPIA: Yes, this is Tapia.  
17 MR. EDWARDS: Yes; this is Edwards; just to give you a  
18 status update, pressure is at 920; temperature is 380, so the status  
19 is unchanged. The clearance is removed except for switchyard tags,  
20 and they're going up to the switchyard to remove those tags. And  
21 then, after the turnover at 7:00, they'll start moving forward and  
22 energizing the bus. That's the status so far.  
23 MR. TAPIA: Okay.  
24 MR. EDWARDS: Do you have any questions or anything?  
25 MR. TAPIA: What are the switchyard tags?  
26 MR. EDWARDS: Oh, there are some grounding switches that  
27 they're just going to go up and pull the tags. That's all we're  
28 going to do. And they'll move them when they do their switching.  
29 MR. TAPIA: Okay; so you still plan after 7:00, your time,  
30 they're going to energize and will be backfeeding; is that correct?  
31 MR. EDWARDS: Yes; that's the plan is we're going to wait

1 until we have the turnover complete.

2 MR. TAPIA: Okay.

3 MR. EDWARDS: And then -- because it's kind of bad to be  
4 doing it at turnover, so they're going to wait until turnover is  
5 complete and then start switching.

6 MR. TAPIA: Okay; I'll stand by, then, to hear from you.

7 MR. EDWARDS: All right; I'll probably contact you one more  
8 time, because I'll be turning over to somebody pretty soon.

9 MR. TAPIA: Yes; I was listening when you talked to Pellet  
10 that you're going to call back with your turnover guy.

11 MR. EDWARDS: Yes; I'll have my relief contact you so that  
12 it's easier.

13 MR. TAPIA: Very good.

14 MR. EDWARDS: All right; I'll probably talk to you in about  
15 a half an hour.

16 MR. TAPIA: Sounds good.

17 MR. EDWARDS: All right; thanks.

18 [Pause.]

19 **DISK ID:A-00005, TAG ID:0000049562**

20 MR. EDWARDS: Diablo Canyon Unit I contacting the region.

21 MR. TAPIA: Okay; this is the region, Tapia speaking.

22 MR. EDWARDS: Yes; this is Edwards here. Status of plant is  
23 pressure is about 915; temperature is still 380; they're continuing  
24 the work trying to get the power back, and we talked about not  
25 getting it done until after turnover. And John Griffin is here to  
26 perform the next, I guess, report at the half hour, so probably a  
27 quarter after 7:00 or so.

28 MR. TAPIA: Very good.

29 MR. EDWARDS: Okay; so, it will be John Griffin.

30 MR. TAPIA: Hi, John.

31 MR. EDWARDS: He can't hear you. We're not on a

1 speakerphone here.

2 MR. TAPIA: Okay.

3 MR. EDWARDS: Do you want to talk to him or --

4 MR. TAPIA: No, that's fine. We'll just -- I'll be standing  
5 by here.

6 MR. EDWARDS: Okay; and your name is?

7 MR. TAPIA: Tapia, T-A-P-I-A.

8 MR. EDWARDS: T-A-P-I-A, okay, Joe Tapia, so he'll be  
9 contacting you at 7:15.

10 MR. TAPIA: All right; you have a nice rest.

11 MR. EDWARDS: All right; you, too.

12 MR. TAPIA: All right.

13 MR. EDWARDS: When you get done. Oh, and here's Dyle.

14 MR. TAPIA: Oh, okay.

15 MR. ACKER: Joe, nothing's changed. I'm not going to call  
16 you in on the other line.

17 MR. TAPIA: Okay, Dyle. Linda Smith just walked in.

18 MS. SMITH: Good morning, Dyle.

19 MR. ACKER: Good morning.

20 MS. SMITH: Have you all called David to come in yet, or how  
21 are we doing?

22 MR. TAPIA: Everything's normal. They're doing...Okay; Dyle,  
23 do you have anything?

24 MR. ACKER: I have nothing new.

25 MR. TAPIA: Okay.

26 MR. ACKER: I'll stay here though, unless -- if Linda has  
27 any specific questions.

28 MS. SMITH: No; I just got here. I'm sure these guys know  
29 the status, but I just was curious.

30 MR. ACKER: Would you tell Linda that Unit II status is no  
31 significant shutdown LCOs and nothing planned?

1 MR. TAPIA: Very good.

2 MS. SMITH: Thank you, Dyle.

3 MR. ACKER: Thank you.

4 [Pause.]

5 DISK ID:A-00005, TAG ID:0000049577

6 MR. GRIFFIN: Good morning, Region IV. This is John Griffin  
7 at Diablo Canyon.

8 MR. TAPIA: Good morning, John. Joe Tapia here.

9 MR. GRIFFIN: Hi, Joe, how are you?

10 MR. TAPIA: Fine; welcome aboard.

11 MR. GRIFFIN: Thank you; I was here yesterday.

12 MR. TAPIA: Okay; I wasn't.

13 [Laughter.]

14 MR. GRIFFIN: They've just about completed shift turnover.  
15 There's still some switching that needs to take place up in the  
16 switchyard, some links that have to be reconnected, and once that  
17 occurs, which I don't think is going to be too long from now, then,  
18 basically, we'll be able to hot up aux transformer 2-2. At that  
19 point, we can then parallel 500 kV with our diesel generators, and  
20 we'll then be supplying the vital buses from offsite power, and we'll  
21 be able to secure the diesels, and that's where we stand right now.

22 MR. TAPIA: Okay.

23 MR. GRIFFIN: Far as the primary plant is concerned, I just  
24 looked over, and we're at about 380 degrees and 920 pounds, and I  
25 believe the plan is -- let's see; I've got the chemistry plan here;  
26 that we'll commence our cooldown again at approximately 0800 this  
27 morning and go on our RHR.

28 MR. TAPIA: Okay; and right now, you're not able to do that,  
29 right?

30 MR. GRIFFIN: You know, I don't think that there's anything  
31 that's necessarily precluding us from doing it. The reason we

1 haven't done it to the best of my understanding was the plan for the  
2 cooldown was based on chemistry control and minimizing crud bursts  
3 and things of that nature. I don't think there's anything physically  
4 that's preventing us from doing a cooldown.

5 MR. TAPIA: Oh, okay.

6 MR. GRIFFIN: I think that it was more of a chemistry  
7 strategy to hold here.

8 MR. TAPIA: Okay; all right; so when you -- when you get aux  
9 transformer 2-2 back up, and you secure the diesels, you're going to  
10 call me back, or call me before then, okay?

11 MR. GRIFFIN: I'll be glad to call you right before then,  
12 because at that point, I believe the interim site emergency  
13 coordinator is going to declare the event terminated.

14 MR. TAPIA: After you accomplish that.

15 MR. GRIFFIN: That is correct.

16 MR. TAPIA: All right; we'll be standing by.

17 MR. GRIFFIN: Okay, Joe.

18 MR. TAPIA: Thank you, John.

19 MR. GRIFFIN: Anything else?

20 MR. TAPIA: Not at this time.

21 MR. GRIFFIN: Okay.

22 [Pause.]

23 **DISK ID:A-00006, TAG ID:0000000006**

24 MR. GRIFFIN: Region IV?

25 MR. TAPIA: Yes, this is Region IV.

26 MR. GRIFFIN: Joe?

27 MR. TAPIA: Yes?

28 MR. GRIFFIN: This is John Griffin again from Diablo Canyon.

29 MR. TAPIA: Yes, sir.

30 MR. GRIFFIN: I just want to let you know that we  
31 successfully energized aux transformer 1-2; no problems, and the next

1 thing we did is we reenergized our 4 kV nonvital buses B and E and  
2 the various 480 volt nonvital buses, at least one, the ones that  
3 supply our main transformer cooling. We did that next. And they're  
4 just about to parallel the diesels to the aux transformer.

5 MR. TAPIA: Okay.

6 MR. GRIFFIN: So, no problems; things are going smoothly.

7 MR. TAPIA: Very good; we'll stand by to hear some more from  
8 you once the diesels are secure.

9 MR. GRIFFIN: Okay, Joe.

10 MR. TAPIA: Thank you.

11 MR. GRIFFIN: You're welcome.

12 [Pause.]

13 **DISK ID:A-00006, TAG ID:0000000026**

14 MR. ACKER: Region IV, this is Dyle Acker.

15 MR. TAPIA: Excuse me?

16 MR. ACKER: I said Region IV, this is Dyle Acker.

17 MR. TAPIA: Hi, Dyle.

18 MR. ACKER: Hey; have you got some way to get a hold of  
19 Linda and see if I'm going to have any relief?

20 MR. TAPIA: It's 8:45.

21 MR. GRAVES: Dave was supposed to be there about 8:00, but I  
22 don't know how that was communicated there.

23 MR. TAPIA: We'll call him in right now.

24 MR. ACKER: Okay; it's not a big deal if there's nobody  
25 coming. I just need to know.

26 MR. TAPIA: Hold on; Dave is on the phone right now.

27 [Pause.]

28 MR. TAPIA: Are you in the control room?

29 MR. ACKER: Yes, I am.

30 MR. TAPIA: Are the diesels secured yet?

31 MR. ACKER: No, they're not.

1 MR. TAPIA: Okay.

2 MR. ACKER: They're bringing back the nonvital stuff slowly  
3 first.

4 MR. TAPIA: Okay.

5 MR. ACKER: So far, everything is going as planned. No  
6 unexpected alarms.

7 MR. TAPIA: Pardon me?

8 MR. ACKER: Everything that's been brought back so far is  
9 going as planned with no unexpected alarms.

10 MR. TAPIA: Great.

11 [Pause.]

12 MR. TAPIA: How long have you been there, Dyle?

13 MR. ACKER: Well, I've been here since 11:00, but I've been  
14 up since 7:00 yesterday morning.

15 MR. TAPIA: Oh, okay. She was on the phone. He's on there.

16 MR. ACKER: I couldn't hear what Dave said.

17 MR. GRAVES: Oh, I just talked to Linda -- well, I didn't  
18 talk to Linda; she was on the phone, and I left her a message to give  
19 us a call, to give me a call right back, so do you want us to call  
20 you back?

21 MR. ACKER: No; the licensee is leaving this line open, and  
22 I'll just pick it up and check with you in a few minutes.

23 MR. GRAVES: Okay.

24 MR. TAPIA: Okay.

25 MR. ACKER: Thanks, guys.

26 MR. TAPIA: Sure.

27 [Pause.]

28 **DISK ID:A-00006, TAG ID:0000000044**

29 MR. ACKER: This is Dyle; Region IV, are you on the line?

30 MR. TAPIA: Yes, we are.

31 MR. ACKER: They've got one diesel paralleled and

1 essentially unloaded, and they're running it on cooldown now. I  
2 would estimate that they will be off of all three diesels within the  
3 next hour, hour and a half.

4 MR. TAPIA: Okay; one diesel is paralleled, and what else?

5 MR. ACKER: It's paralleled, and it's unloaded, essentially.  
6 They're running the cooldown cycle on it. In other words, they've  
7 reduced the load on the diesel slowly, and then, they let it run for  
8 about 5 minutes essentially unloaded before they trip it off.

9 MR. TAPIA: Okay.

10 MR. ACKER: Am I it today, or is somebody coming in?

11 MR. TAPIA: Hold on; David's trying. David's trying.

12 MR. ACKER: Haven't got a hold of Linda yet?

13 MR. TAPIA: He's calling her right now.

14 MR. ACKER: My understanding is - - is that we're supposed  
15 to be here for an hour after they get all the diesels unloaded, which  
16 would probably get me until at least 11:00.

17 MR. TAPIA: Yes; I understand; hold on.

18 [Pause.]

19 MR. GRAVES: Linda said she thought John had called Dave and  
20 told him to come in, but I don't know if that was done or not, so  
21 she's going to call Dave now and see --

22 MR. TAPIA: Linda's calling Dave right now.

23 MR. ACKER: Okay; well, if he isn't already on the way in, I  
24 don't know that there's much point. I can probably -- if it's still  
25 our goal to only be here an hour after everything is secured, it  
26 probably wouldn't make much difference one way or the other.

27 MR. TAPIA: When did you say that the other diesels would be  
28 secured?

29 MR. ACKER: I would guess within the next hour.

30 MR. TAPIA: Okay; I understand.

31 MR. ACKER: So, you might want to tell her, you know, if

1 David's still at home and not planning to come in, I would think it  
2 would be best if I just stayed.

3 MR. TAPIA: Okay; well, hang in there. We'll try to get you  
4 some help.

5 MR. ACKER: I'll check back with you in 15 to 20 minutes and  
6 see what's happening.

7 MR. TAPIA: Okay.

8 MR. ACKER: But if he's still at home and not planning to  
9 come in, I can hack it; no problem.

10 MR. TAPIA: Okay.

11 MR. ACKER: Okay; thank you.

12 MR. TAPIA: Yes.

13 [Pause.]

14 **DISK ID:A-00006, TAG ID:000000055**

15 MR. BAHNER: Hello, is anybody there?

16 MR. TAPIA: This is Tapia, Region IV.

17 MR. BAHNER: Hi; this is Dave Bahner, the shift manager  
18 here. I'm going to be making the notifications from here on out. I  
19 just wanted to be -- just be in touch with you right now. We're  
20 probably halfway to restoring the diesel generators. Apparently, my  
21 turnover was they talked to you an hour ago, and they've been doing  
22 about an hour updates.

23 We're not out of the unusual event yet. It will be within  
24 the next half hour to hour as long as we have no other problems. So  
25 no other conditions have changed. One of the diesels is shut down.  
26 Once we get off this next diesel, or actually, when I come off the  
27 other two diesels, we'll be out of the unusual event.

28 MR. TAPIA: Okay.

29 MR. BAHNER: We're coming off slowly. We wanted to unload  
30 the diesels just per our normal procedure, which requires some slow  
31 unload of the diesel.

1 MR. TAPIA: Okay; and, Dave, what was your last name?

2 MR. BAHNER: Bahner, B-A-H-N-E-R.

3 MR. TAPIA: Okay; thanks. All right; so, you're proceeding  
4 on, and you're going to give us a status when you get the last two  
5 diesels off, right?

6 MR. BAHNER: It should be within the hour, yes.

7 MR. TAPIA: Okay; we'll stand by.

8 MR. BAHNER: Okay; thank you.

9 MR. TAPIA: Thank you.

10 [Pause.]

11 **DISK ID:A-00006, TAG ID:0000000064**

12 MR. ACKER: This is Dyle Acker. Region, are you on the  
13 line?

14 MR. TAPIA: Yes, sir, we are.

15 MR. ACKER: All diesels are shut down and in auto, and the  
16 licensee is in the process of terminating their NUE. My  
17 understanding was is that Ellis and Ken wanted us to monitor for one  
18 hour after that was accomplished. Do you know if that's a true  
19 statement or not?

20 MR. TAPIA: That is a true statement.

21 MR. ACKER: Okay.

22 MR. TAPIA: We'll call it 10:00.

23 MR. ACKER: Yes, right.

24 MR. TAPIA: By about 11:00, I'll -- we'll probably be able  
25 to secure.

26 MR. GRAVES: Do we have a time the licensee has exited the  
27 NUE?

28 MR. ACKER: Not officially yet. He'll be on the line here  
29 and talk to you. I just gave you my best estimate as to what was  
30 going on.

31 MR. GRAVES: Okay; do we have a time on when the last diesel

1 was --

2 MR. ACKER: 9:59.

3 MR. GRAVES: 9:59; okay.

4 MR. ACKER: That's been put back to auto.

5 MR. GRAVES: Right.

6 MR. ACKER: I am going to -- even though we've got an hour,  
7 I'm going to exit the control room and get enough food in me to take  
8 two more Advil.

9 MR. GRAVES: Okay; Linda said that Dave is on his way out  
10 there.

11 MR. ACKER: Oh, he is?

12 MR. GRAVES: Yes.

13 MR. ACKER: Okay; well, if he shows up, I'll leave, but  
14 otherwise, I'll still be here other than a few minutes to go get some  
15 medicine.

16 MR. TAPIA: Understand.

17 MR. ACKER: Okay.

18 MR. TAPIA: Thank you.

19 MR. ACKER: Talk to you later.

20 MR. TAPIA: You bet.

21 [Pause.]

22 **DISK ID:A-00006, TAG ID:0000000070**

23 MR. BAHNER: Hello; is anybody there?

24 MR. TAPIA: Yes; this is Region IV.

25 MR. BAHNER: Yes; this is Dave Bahner, the shift manager at  
26 Diablo Canyon.

27 MR. TAPIA: Yes, sir.

28 MR. BAHNER: I am calling to tell you that we are  
29 terminating our unusual event --

30 MR. TAPIA: Okay.

31 MR. BAHNER: -- at time 0959.

1 MR. TAPIA: Okay.

2 MR. BAHNER: Let's see; we will fax you our termination  
3 form.

4 MR. TAPIA: Okay.

5 MR. BAHNER: Offsite power is restored. The diesels are  
6 shut down, and we're on our normal [inaudible] power.

7 MR. TAPIA: Very good.

8 MR. BAHNER: And I need your name.

9 MR. TAPIA: My name is Joseph, last name Tapia, T as in Tom,  
10 A-P as in Paul, I-A.

11 MR. BAHNER: Okay; we'll fax the form in a few minutes.

12 MR. TAPIA: Thank you very much.

13 MR. BAHNER: Okay; do you want to keep an open line for any  
14 amount of time, or are we finished?

15 MR. TAPIA: Do we have an NRC person there?

16 MR. BAHNER: He was here; he said he was going to stay for  
17 an hour.

18 MR. TAPIA: Yes.

19 MR. BAHNER: So he should still be here, yes.

20 MR. TAPIA: Yes, well, go ahead and have him come on the  
21 line when he gets back or when you see him, and I would like to keep  
22 this line open until then.

23 MR. BAHNER: Okay; we'll do that.

24 MR. TAPIA: We're going to continue on monitoring for about  
25 an hour.

26 MR. BAHNER: All right; very good.

27 MR. TAPIA: Thank you.

28 MR. BAHNER: All right; bye.

29 [Pause.]

30 **DISK ID:A-00006, TAG ID:000000112**

31 MR. TAPIA: Can somebody hear me?

1 [Pause.]

2 DISK ID:A-00006, TAG ID:0000000119

3 MR. BAHNER: Is somebody there? Hello?

4 MR. TAPIA: Hi.

5 MR. BAHNER: Hi; this is Dave Bahner, shift manager at  
6 Diablo Canyon.

7 MR. TAPIA: Yes; this is Tapia in Region IV still. The  
8 reason I had the line open still is because I wanted to talk to both  
9 you one more time and any NRC person.

10 MR. BAHNER: Okay.

11 MR. TAPIA: What I need to do is read to you an update to  
12 our preliminary notification document and run it by you and see if  
13 you've got any problem with it before we publish it.

14 MR. BAHNER: Okay.

15 MR. TAPIA: I'll go ahead and start reading.

16 MR. BAHNER: Okay.

17 MR. TAPIA: The licensee halted the primary system cooldown  
18 at 1:35 p.m. on May 15 to maintain stable plant conditions and  
19 control primary system chemistry before restoring power to safety-  
20 related loads. By 4:00 a.m. on May 16, the licensee had completed  
21 the isolation of the failed electrical bus. Electrical power to the  
22 previously deenergized Unit I nonsafety related loads was restored at  
23 approximately 8:15 a.m. Offsite power was restored to the safety-  
24 related buses, and the emergency diesel generators were secured at  
25 9:59 a.m. Plant conditions remain stable, and the licensee exited  
26 the notification of unusual event at 9:59 a.m. NRC terminated its  
27 oversight under the monitoring phase of the normal mode of operations  
28 at 11:00.

29 How does that sound? Any errors?

30 MR. BAHNER: Could you read the first sentence again as far  
31 as when we stopped our cooldown and --

1 MR. TAPIA: Okay; it says the licensee halted the primary  
2 system cooldown at 1:35 p.m. on May 15.

3 MR. BAHNER: Okay.

4 MR. TAPIA: To maintain stable plant conditions.

5 MR. BAHNER: Okay; was there something about restoring --  
6 cooling down and restoring power were two separate things. Is that  
7 clear in there?

8 MR. TAPIA: Yes; it says that -- I'll go ahead and read it  
9 again slowly.

10 MR. BAHNER: Okay; thank you.

11 MR. TAPIA: The licensee halted the primary system cooldown  
12 at 1:35 on May 15 to maintain stable plant conditions and control  
13 primary system chemistry before restoring power to safety-related  
14 loads. By 4:00 a.m. on May --

15 MR. BAHNER: I think that's the part I had a problem with.  
16 We didn't -- the cooldown -- we did the cooldown, but at the same  
17 time, we were concurrently trying to restore power. There are, you  
18 know, two separate things there.

19 MR. TAPIA: Okay.

20 MR. BAHNER: We were working to restore -- we did the  
21 cooldown based on our tech spec required shutdown to go to mode five.  
22 Restoring power was happening concurrently, and power was restored by  
23 8:00 this morning, and that's -- you know, that was a completely  
24 separate --

25 MR. TAPIA: Okay; what if I change it to read that you  
26 halted the primary cooldown at 1:35 to maintain stable plant  
27 conditions and control primary system chemistry. Concurrently, you  
28 continued activities to restore power to safety related loads.

29 MR. BAHNER: Correct.

30 MR. TAPIA: All right; do you want me to continue reading  
31 the rest of it?

1 MR. BAHNER: No, the rest of it was fine.

2 MR. TAPIA: All right, sir, we're going to go ahead and  
3 route this and publish it.

4 Is an NRC person there?

5 MR. BAHNER: You know, I'm not sure. Actually, I was trying  
6 to call -- yes, actually, all three of them just walked in. I was  
7 trying to call a watchguy -- and you're in Region IV?

8 MR. TAPIA: Yes.

9 MR. BAHNER: They called us; we faxed them our termination  
10 notice, and they called us to say that we improperly terminated; they  
11 weren't properly notified of our termination.

12 MR. TAPIA: Who did you send it to?

13 MR. BAHNER: Let's see; hold on.

14 MR. TAPIA: Is it --

15 MR. BAHNER: F. Jones at 10:58, and John MacKinnon is the  
16 person who called.

17 MR. TAPIA: Okay; you all sent that to Washington.

18 MR. BAHNER: Yes; well, that's the number on our fax number  
19 here.

20 MR. TAPIA: Okay; that's proper. We'll talk to them.

21 MR. BAHNER: Okay; so, we have notified Washington from here  
22 also.

23 MR. TAPIA: Okay; I understand. They were not on the --  
24 involved in the monitoring directly; it was us; so, not a problem.  
25 You did the right thing.

26 MR. BAHNER: Okay.

27 MR. TAPIA: If you could let me talk to an NRC person, I'd  
28 appreciate it.

29 MR. BAHNER: I will get them right now. Hold on.

30 MR. TAPIA: Thank you.

31 [Pause.]

1 MR. JONES: Mr. Tapia?

2 MR. TAPIA: Yes.

3 MR. JONES: This is Jones in the ops center. Off and on, we  
4 hear part of the stuff that's going on on the bridge but not all the  
5 time, and we did not receive a call from Diablo Canyon that they had  
6 terminated. We did receive the fax, and we were waiting for the  
7 call. We finally -- John called them to remind them that they had to  
8 call us with the termination.

9 MR. TAPIA: Okay.

10 MR. JONES: We've received it now.

11 MR. TAPIA: Okay; thank you.

12 MR. JONES: It's not a problem; it's just somewhere along  
13 the line it got dropped.

14 MR. TAPIA: Yes; I guess they didn't follow up.

15 MR. JONES: Well, if you look at the fax, it shows they make  
16 their notification on the 5100, which they're tied to with the bridge  
17 that you're on. And, well, we just didn't get it.

18 MR. TAPIA: I understand.

19 MR. JONES: Okay. Thank you.

20 MR. TAPIA: Thank you. Is somebody from the site there?

21 [No response.]

22 [Pause.]

23 MR. TAPIA: Is somebody from the site there?

24 [No response.]

25 [Pause.]

26 **DISK ID:A-00006, TAG ID:0000000127**

27 MR. TAPIA: Is somebody from NRC there?

28 SPEAKER: I think they're coming up right now.

29 MR. TAPIA: All right.

30 [Pause.]

31 MR. ACKER: This is Dyle Acker back on the line.

1 MR. TAPIA: Hi, Dyle; this is Joe.

2 MR. ACKER: Hi, there; hey; I've got Dave and Greg here with  
3 me now.

4 MR. TAPIA: Okay; great. I need to ask you all a couple of  
5 questions.

6 MR. ACKER: Okay.

7 MR. TAPIA: First of all, everything stable?

8 MR. ACKER: Everything appears to be stable.

9 MR. TAPIA: Okay; now, are they still on the atmospheric  
10 dumps?

11 MR. ACKER: Yes; you can hear it; I was just outside; yes.

12 [Laughter.]

13 MR. ACKER: In other words, you're asking me do they ever  
14 plan to go back and reestablish a vacuum and get the circs going, and  
15 I don't know the answer to that.

16 MR. TAPIA: You don't know their plans yet [inaudible]?

17 MR. ACKER: I do not know their plans yet. I know they're  
18 going to further cool down to 290 and get on RHR, and I think that  
19 will be when they get off the dumps.

20 MR. TAPIA: Okay; and then, they're going to continue down  
21 to cold shutdown; is that right?

22 MR. ACKER: That is correct; the rough, rough, rough  
23 estimate I heard was 7 days.

24 MR. TAPIA: To get there?

25 MR. ACKER: No, to get the repair.

26 MR. TAPIA: Oh; 7 days? What about for reaching cold  
27 shutdown?

28 MR. ACKER: Just a second.

29 [Pause.]

30 MR. ACKER: According to the chart, it's 1600 tonight  
31 they'll start cooling down. Oh, yes, it's right there on the

1 chemistry thing. I didn't even read. 290 by Tuesday 1600; that's  
2 290 degrees Fahrenheit. And then, they'll begin an RHR flush, which  
3 is 6 hours, place RHR in service, and then, they'll cool down to 180  
4 and another 16 hours, which would mean Thursday.

5 MR. TAPIA: I'm sorry.

6 MR. ACKER: By the time you get to this point, it's  
7 Thursday. According to this schedule, it looks like they'll be  
8 getting onto RHR about 10:00 tonight.

9 MR. TAPIA: Tonight?

10 MR. ACKER: And then they can get, they can make  
11 preparations and use RHR for cooling.

12 MR. TAPIA: And how long will it take them to change modes  
13 then again once they're on RHR? What I'm interested in is estimated  
14 mode increase. When do they expect to reach cold shutdown? And  
15 while you're at it, can you define that for me?

16 MR. ACKER: No; I can't remember what the temperature is for  
17 cold shutdown. Dave can -- huh?

18 MR. TAPIA: Less than 200.

19 MR. ACKER: Dave says less than 200, yes. So once they get  
20 RHR in service, then, they'll -- I would guess that would be 1:00  
21 Wednesday morning.

22 MR. TAPIA: 1:00 a.m.?

23 MR. ACKER: Yes; because if they start RHR at 1600, and if  
24 they're at 280, and they're planning to get down to 180 on RHR, we're  
25 figuring about three hours.

26 MR. TAPIA: Okay.

27 MR. ACKER: And they've only got to go 90 degrees, so that  
28 seems reasonable.

29 MR. TAPIA: Okay; so, on RHR at 10:00 p.m., and then, three  
30 hours later, they'll be in mode six?

31 MR. ACKER: That's the -- mode five.

1 MR. TAPIA: Mode five; excuse me.

2 MR. ACKER: That's the schedule as I see it.

3 MR. TAPIA: Not refueling; yes; okay; appreciate it.

4 MR. ACKER: Okay; what else?

5 MR. TAPIA: I'm going to -- are you going to pass this  
6 beeper on, this beeper number?

7 MR. ACKER: This is a beeper number that Dave has. Dave, do  
8 you have 4173? Dave has 4173.

9 MR. TAPIA: 4173?

10 MR. ACKER: And he also has the regional beeper, but it  
11 won't work onsite so --

12 MR. TAPIA: Okay; but if I want somebody, I'd call 805-545-  
13 4666 4173 is --

14 MR. ACKER: After you get the beep, then, 4173, and then,  
15 after you get the second beep, you put in the number you want called.

16 MR. TAPIA: All right; okay, then, we can secure this line,  
17 and if we need you, we'll call that number.

18 MR. ACKER: Okay; so, Dyle Acker is going to go home, and  
19 the other two guys are going to have it.

20 MR. TAPIA: All right; sweet dreams.

21 MR. ACKER: Oh, just a minute. What do you want to do?  
22 Greg and I will handle this one out. You take care.

23 MR. TAPIA: Yes.

24 MR. ACKER: Bye.

25 MR. TAPIA: Bye.

26 We're off.

27 [Pause.]

28 **DISK ID:A-00006, TAG ID:0000000132**

29 MR. GRIFFIN: This is [inaudible] at Diablo Canyon. Is  
30 anybody on the line?

31 SPEAKER: Yes; this is Region IV. We're still on the line.

1 MR. GRIFFIN: Hi; are we going to maintain this line open?

2 MR. TAPIA: We'd like to maintain it open until we terminate  
3 our monitoring phase, which we're working on getting approval for  
4 that as we speak. So, if we could just maintain this line open.

5 MR. GRIFFIN: Okay; should I be on the line every hour or so  
6 still?

7 SPEAKER: Well, we're hoping we'll have the word within  
8 minutes to terminate.

9 MR. GRIFFIN: Okay; and how are you going to notify us of  
10 that? Since this line is off the hook and we're, we won't know  
11 that...

12 SPEAKER: Yes, you're not staffing it continuously.

13 MR. GRIFFIN: Right. You could call me directly on -- or you  
14 could call one of the residents here.

15 SPEAKER: Well, let's see; what would be the quickest way, I  
16 guess, to get you back on this phone or just to get you directly?

17 MR. GRIFFIN: Call my number: area code 805 --

18 SPEAKER: Just a second; let me -- okay, again?

19 MR. GRIFFIN: Area code 805 --

20 SPEAKER: Wait; hang on just a second.

21 [Pause.]

22 SPEAKER: Okay; I just got the word. We're securing our  
23 monitoring phase. We don't need to maintain this line open anymore.

24 MR. GRIFFIN: Okay. So that should be it, then.

25 SPEAKER: Okay; before I let him go, we're finished with  
26 needing to maintain this line open to the control room.

27 Okay; we have finished.

28 MR. GRIFFIN: So we have finished? Very good.

29 What time did we call it? 1:11?

30 SPEAKER: 11:11.

31 SPEAKER: 11:11 Central or Pacific -- okay; 11:11 Pacific

1 time, we've terminated our monitoring phase.

2 MR. GRIFFIN: Okay; I'll log that, and I think that's it.

3 SPEAKER: Okay.

4 MR. GRIFFIN: You guys have a good day.

5 SPEAKER: Thank you, you too.

6 MR. GRIFFIN: All right.

7 MR. JONES: Region IV?

8 SPEAKER: Region IV on the line.

9 MR. JONES: This is the Headquarters Operations Officer. I  
10 have you at 11:11 as terminating the monitoring.

11 SPEAKER: That's my understanding.

12 MR. JONES: Okay; thank you very much.

13 MR. GRIFFIN: Verify that everybody has been notified,  
14 Washington and Region IV.

15 MR. JONES: I'm making the calls right now.

16 MR. GRIFFIN: Okay.

17 [Pause.]

18 MR. GRIFFIN: We had a little bit of a confusion with when  
19 we terminated the NUE.

20 MR. JONES: That is correct.

21 SPEAKER: So now, that's straightened out.

22 MR. JONES: Yes, sir.

23 MR. GRIFFIN: Okay; very good.

24 MR. JONES: Thank you.

25 SPEAKER: Thank you.

26 SPEAKER: Okay; Region IV signing off.

27 SPEAKER: Okay.

28 MR. JONES: Headquarters out.

29 [Whereupon, at 11:11 a.m., NRC terminated its oversight  
30 under the monitoring phase of the normal mode of operations.]

31 - - -