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UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION  
+ + + + +  
HEADQUARTERS OPERATIONS CENTER  
+ + + + +  
TELEPHONE CONVERSATION(S)  
RE MILLSTONE ALERT DECLARATION  
OF APRIL 17, 2005  
+ + + + +  
EVENT NO. 41607  
ET Tape 1, Side B, 11:46-13:04

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MR. PARTICIPANT: And the ET Bridge.

MR. LANNING: Mr. Ryan, are you there?

MR. RYAN: Yes, this is the manager of  
Communications.

MR. LANNING: Is this Mr. Ryan?

MR. RYAN: This is Mr. John Ryan.

MR. LANNING: Mr. Ryan, it's Wayne  
Lanning. I'm looking for a couple of things, if you  
could. First, could you give us an update of the  
status of the plant and planned actions? And then I'd  
like a discussion pertaining to what notifications you  
have been making to the local officials and what press  
releases you have issued.

MR. PARTICIPANT: We called the managers,  
right? We don't call the duty officer to --

MR. PARTICIPANT: Someone has their mike

EX5 portions

1 open.

2 MR. PARTICIPANT: Right. But we also call  
3 the managers, right.

4 MR. RYAN: Hello? This is the Manager of  
5 Communications John Ryan. Ready for a plant brief.

6 MR. PARTICIPANT: John, can you stand by  
7 a minute?

8 MR. PARTICIPANT: (Inaudible.)

9 MR. PARTICIPANT: John Ryan?

10 MR. RYAN: This is John Ryan.

11 MR. PARTICIPANT: Go ahead, John, with  
12 your brief.

13 MR. RYAN: I understand to go ahead with  
14 the brief. The plant at this present time is just  
15 cooled by 88 degrees. RCS pressure is 2260. The  
16 maximum thermocouples are 565 degrees. Reactor vessel  
17 level is 100 percent. The RCS -- sorry, the  
18 pressurizer level is 57 percent.

19 At the present time, we are cooling down  
20 the PRT pressure relief tank using primary grade  
21 water. And that's why you are seeing, if you're  
22 watching the ERDS system, you're seeing PRT level and  
23 pressure increasing. And on decreasing, we did pump  
24 it down.

25 On the secondary side, as far as the

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1 secondary side goes, the steam generator pressure is  
2 coming up right now -- are approximately 1,080 pounds  
3 on all four steam generators. We are feeding the  
4 steam generators on aux feed, maintaining steam  
5 generator level.

6 And radiation levels have not changed  
7 since the initial event. And they did not change  
8 during the initial event.

9 MR. LANNING: John, would you clarify what  
10 you mean by that? Is this based on a secondary sample  
11 or what?

12 MR. RYAN: No, this is based on the  
13 radiation monitoring system in the control room, RAD  
14 monitors.

15 MR. PARTICIPANT: (Inaudible.)

16 MR. PARTICIPANT: Have you confirmed you  
17 have no primary or secondary leaks?

18 MR. RYAN: At the present time, we have  
19 sampled alpha, bravo, and charlie steam generators and  
20 there is no RAD levels detected in there. And we have  
21 determined that there is no primary or secondary leak.  
22 We are getting a sample on the delta at this time.

23 MR. PARTICIPANT: Did he mention D?

24 MR. PARTICIPANT: Yes, A, B, and C.

25 MR. PARTICIPANT: Okay. D is in progress,

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1 is that correct, John?

2 MR. RYAN: Delta is in progress, that's  
3 correct.

4 MR. PARTICIPANT: All right. Go ahead.  
5 What can you tell us about the indication of leaking  
6 through the PORV or the primary safety valve?

7 MR. RYAN: At the present time, the PRT,  
8 which is the pressure relief tank, is -- the level is  
9 fluctuating because we're pumping it up and cooling it  
10 down with primary grade water so the detection on that  
11 is really not available to me. I can get you tailpipe  
12 temperatures on the relief valves. And I'll get them  
13 while we continue to talk.

14 MR. PARTICIPANT: Okay. I'd appreciate  
15 that. I understand -- are you still doing normal  
16 charging and let downs?

17 MR. RYAN: Yes, we are still doing normal  
18 charging and let downs. We are still in ES 1.1, which  
19 is determination criteria. And we are doing a brief  
20 right now to enter OP3208 which is RCS boot up.

21 MR. PARTICIPANT: John, are you still in  
22 the alert classification?

23 MR. RYAN: Yes, we have not changed our  
24 classification level.

25 MR. PARTICIPANT: Are you -- can you give

1 us some insight as to what parameters must be met to  
2 exit the alert and maybe go to a UE or whatever?

3 MR. RYAN: The directors are discussing  
4 that at this time. And that's why I'm giving you the  
5 brief. They're in a meeting right now. But as soon  
6 as we know, I will get back to you.

7 MR. PARTICIPANT: Okay. All right. I'm  
8 going to stand by for the tailpipe temperatures.

9 MR. RYAN: That's correct. And while  
10 we're standing by for them, we have released three  
11 incident report forms which go out to the local  
12 officials and the state officials. And all of the  
13 first selectmen within the emergency planning zone get  
14 a page and they can call in and get a recording as to  
15 what the incident report form's content is. Those  
16 were faxed to Region I.

17 MR. PARTICIPANT: We have not received  
18 those, John.

19 MR. RYAN: I faxed them to the Region I  
20 office.

21 MR. PARTICIPANT: We have not received  
22 those.

23 MR. RYAN: I understand you have not  
24 received them.

25 MR. PARTICIPANT: We'll give you another

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1 MR. PARTICIPANT: That's correct.

2 MR. RYAN: Understand.

3 MR. PARTICIPANT: And they should ask for  
4 the Reactor Safety -- no, the ENS Bridge.

5 MR. RYAN: ENS?

6 MR. PARTICIPANT: ENS, Emergency  
7 Notification System Bridge.

8 MR. RYAN: ENS Bridge, right. Understand.  
9 And who would you like to speak to?

10 MR. PARTICIPANT: The communicator.

11 MR. RYAN: The Technical Support Center  
12 does not have a communicator. All the communications  
13 come out from the EOF here. They come through me.

14 MR. PARTICIPANT: Stand by a minute.

15 MR. RYAN: I understand.

16 MR. PARTICIPANT: (Inaudible.)

17 MR. PARTICIPANT: Mike Weber is on the  
18 Bridge.

19 MR. DYER: Mike, this is Jim Dyer. This  
20 is an ongoing alert. We're just getting a briefing  
21 now. I can take you on a different line.

22 MR. WEBER: Okay, whatever works for you,  
23 Jim. You're there in the Op Center, I understand.

24 MR. DYER: Correct.

25 MR. WEBER: Okay.

1 MR. LANNING: John Ryan, it's Wayne  
2 Lanning again. Cancel that request for a communicator  
3 from the TSC.

4 MR. RYAN: I understand you want me to  
5 cancel the TSC communicator request.

6 MR. LANNING: That's right.

7 MR. PARTICIPANT: (Inaudible.)

8 MR. LANNING: We're still in a standby for  
9 the tailpipe temperatures.

10 MR. RYAN: Yes, the tailpipe temperatures  
11 right now are 220 degrees and stable.

12 MR. LANNING: And what is your  
13 interpretation of that with regard to leakage?

14 MR. RYAN: I'd have to get back to you on  
15 that as to whether the TSC has determined whether  
16 there is any significant leakage.

17 MR. PARTICIPANT: John, have they been  
18 able to discriminate where the leakage would be from  
19 by acoustic monitors or from the tailpipe  
20 temperatures?

21 MR. RYAN: I haven't been able to  
22 establish that right now. But we can look at that out  
23 here at EOF. What I'm going to do is I'll get the TSC  
24 to answer that question for us, the Technical Support  
25 Center.

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1 MR. PARTICIPANT: Okay. We're also  
2 interested in seeing if there is any thoughts of  
3 closing the block valve.

4 MR. RYAN: Well, the pressurizer safety  
5 valves do not have block valves.

6 MR. PARTICIPANT: Oh, you've established  
7 then it's leaking from the safety not from the PORV?

8 MR. RYAN: We believe that it is leaking  
9 from the safety because we did have one safety that  
10 did open.

11 MR. PARTICIPANT: Had it opened before the  
12 PORVs opened?

13 MR. RYAN: Yes, it did.

14 MR. PARTICIPANT: Okay.

15 MR. RYAN: At the present time, PORV --  
16 block valve status is intermittent. I have a partial  
17 closure on it.

18 MR. PARTICIPANT: John, would you say that  
19 again about the block valve on the PORV?

20 MR. RYAN: The block valves right now on  
21 the indication are reading partial. I just have a  
22 closed/partial status. And right now both are reading  
23 partial.

24 MR. PARTICIPANT: Is that two valves?

25 MR. RYAN: That is two valves. RCS No.

1 Z8000 alpha and bravo.

2 MR. PARTICIPANT: We need to know what  
3 that (inaudible).

4 MR. RYAN: At the present time, we're  
5 getting information on whether or not the control room  
6 has more information on that partial status there.

7 MR. PARTICIPANT: Okay. Thank you, John.  
8 We're also standing by for when you get the results  
9 from the steam generator secondary side.

10 MR. RYAN: Delta, delta steam generator.

11 MR. PARTICIPANT: Delta, that's correct.

12 MR. RYAN: So I have a delta steam  
13 generator sample that I will get back to you on as  
14 well as an update on what the block valve status means  
15 by saying a partial.

16 MR. PARTICIPANT: And also an evaluation  
17 of the tailpipe temperatures.

18 MR. RYAN: And an evaluation of the  
19 tailpipe temperatures, that's correct.

20 MR. PARTICIPANT: Now I understand that  
21 you are in the process of removing the contents from  
22 the PRT, is that correct?

23 MR. RYAN: Yes, what we are doing is we're  
24 pumping down the PRT and then filling it with primary  
25 grade water to get the temperature down and get it

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1 within its normal band.

2 MR. PARTICIPANT: Okay. Could you also  
3 confirm you still have no sump level indication as far  
4 as leakage?

5 MR. RYAN: Yes, just a second. I can  
6 confirm that.

7 MR. PARTICIPANT: (Inaudible.)

8 MR. RYAN: Wayne, this is John Ryan.

9 MR. LANNING: Go ahead, John. Wayne here.

10 MR. RYAN: PORV block value, pressurizer  
11 PORV block values are open.

12 MR. LANNING: Help me understand that. So  
13 if you think one of those are leaking --

14 MR. RYAN: We don't believe the PORVs are  
15 leaking. We believe the leakage is actually coming  
16 from a safety valve. And that safety valve does not  
17 have a block valve on it.

18 MR. LANNING: Okay. Help me understand  
19 that, John. Is that because of -- what kind of  
20 indication that gives you confidence that the PORVs  
21 are not leaking?

22 MR. RYAN: That's what we're doing the  
23 tailpipe evaluation on right now.

24 MR. LANNING: Okay. So that is to be  
25 determined?

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1 MR. RYAN: That's to be determined.  
2 That's correct.

3 MR. LANNING: Okay. John, can you give us  
4 an update on any initiating -- what caused the event?

5 MR. RYAN: We still do not have what  
6 caused the event. That's to be determined.

7 MR. LANNING: Okay. Thank you.

8 MR. PARTICIPANT: (Inaudible.)

9 MR. PARTICIPANT: Millstone Station on the  
10 line.

11 MR. LANNING: Is this the Emergency  
12 Director? This is Wayne Lanning in the IRC.

13 MR. HOFFNER (phonetic): This is Bill  
14 Hoffner. I'm the Director of Station Emergency  
15 Operations. I also have Dave Dodson (phonetic) and  
16 Steve Scason (phonetic) here with me.

17 MR. LANNING: Okay, Bill. We just got a  
18 brief by John Ryan regarding plant conditions. I'd be  
19 interested in a couple of strategies on your part.  
20 The first -- what is your plan going forward?

21 MR. HOFFNER: Our plan is to complete the  
22 emergency EOPS 1.1, which is safety injection  
23 termination. Then we will transition to normal plant  
24 operating procedures which will have us initiate plant  
25 cool down. We will initiate plant cool down to cold

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1 shut down.

2 MR. LANNING: Okay. (Inaudible). Can you  
3 tell me -- I understand that you are still in the  
4 alert status?

5 MR. HOFFNER: That is correct, Wayne.

6 MR. LANNING: Can you share with me what  
7 some of the parameters are that would permit you to  
8 exit that EAL?

9 MR. HOFFNER: Where we're looking right  
10 now is to get the plant starting to cool down. We are  
11 looking at containment pressure right now. Because we  
12 lost cooling water to containment, the pressure is  
13 just slightly above tech spec pressure.

14 So once we begin the cool down and we get  
15 containment pressure back in specs, we're already  
16 reviewing our termination checklist right now. So we  
17 would expect later this afternoon to be able to  
18 terminate.

19 MR. LANNING: Can you expand upon the  
20 reasons for the loss of containment cooling? That's  
21 new information to us.

22 MR. HOFFNER: It's actually a chill water  
23 system. And that's a non-safety system at post  
24 accident it isolates the chiller portion. And so  
25 we've reset that and we've reinitiated it.

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1 MR. LANNING: Thank you for that. I  
2 understand you reinitiated chill water containment  
3 cooling.

4 MR. PARTICIPANT: (Inaudible.)

5 MR. LANNING: Bill, could you confirm for  
6 us conditions inside containment in terms of the site  
7 temperature and humidity for example?

8 MR. HOFFNER: I would have to get that  
9 data, Wayne. We've had no reports of any indication  
10 that other than from the loss of coolant, any  
11 indication of any leakage or anything like that if  
12 that's what the questions are heading towards.

13 MR. LANNING: That's really the question.

14 MR. HOFFNER: The loss of coolant has  
15 caused the pressure to go up.

16 MR. LANNING: Yes, that's the question.

17 MR. PARTICIPANT: (Inaudible.)

18 MR. HOFFNER: Right. We do have a small  
19 amount of leakage going to either one of the PORVs or  
20 safety that's going into the PRT, primary relief tank.  
21 We have been pumping that down so the pressure in the  
22 primary relief tank, PRT, is intact.

23 MR. LANNING: Bill, I understand that your  
24 two block valves for the PORVs are still open. Is  
25 that correct?

1 MR. HOFFNER: Let me take this phone call.  
2 They are still open. We were going to go and cycle  
3 them to see if that could stop the leakage. What we  
4 have is we have three safeties and two PORVs and they  
5 all come into a common line. So we want to see if the  
6 leakage into the PRT we can isolate by shutting one of  
7 the two block valves. So we're going to be working  
8 through that very shortly.

9 MR. LANNING: Okay. Bill, I understand  
10 you had a packing leak in the auxiliary building from  
11 the charging system. Is that correct? And does that  
12 constitute a release?

13 MR. HOFFNER: We did have a confirmed  
14 leak, a packing leak off a charging line. The  
15 charging line that leak is not a normal flow path  
16 line. Following the safety injection, a release of  
17 the charging pumps get a line back to RNSE (phonetic).

18 The valve leaked was on this line and the  
19 line has been isolated. We have no airborne  
20 indications at all. No change in our RAD monitors,  
21 effluence. We do have some small amount of surface  
22 contamination that we're in the process of cleaning  
23 up.

24 MR. PARTICIPANT: (Inaudible.)

25 MR. RYAN: And it's just down to the area

1 specifically around one of our charging pumps where  
2 the valves are located.

3 Wayne, did you receive that?

4 MR. LANNING: That's affirmative. I did  
5 receive that. I also understand that you have no  
6 airborne alarms or elevated level?

7 MR. HOFFNER: Yes, we've seen no trends in  
8 any of our RAD monitors that would indicate any  
9 airborne effluent releases.

10 MR. LANNING: Okay. I understand you have  
11 no indication or trends in RAD releases.

12 Okay. Stand by a minute. All right.  
13 Bill, thank you for your brief. Is there anything  
14 else you want to add?

15 MR. HOFFNER: I'll give you back John Ryan  
16 and I can back on the line with you, okay?

17 MR. LANNING: You were breaking up. Say  
18 again.

19 MR. HOFFNER: I said if you guys need any  
20 further questions, you can call John Ryan and he's on  
21 the OPS Net. And he can arrange for me to get back on  
22 the phone with you.

23 MR. LANNING: Hey, Bill, just one last  
24 question. Have you had any press interest?

25 MR. HOFFNER: The press is going through -

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1 - we've activated a Chief Tech Support in Hartford and  
2 they're handling the press release up here. We've had  
3 none directly into the EOF.

4 MR. LANNING: You've had no press  
5 inquiries. Is that what you said?

6 MR. HOFFNER: In Hartford. We've had none  
7 at our EOF facility.

8 MR. LANNING: Okay. All right. Thank  
9 you, Bill, for your brief. We're going to -- duty  
10 officer, are you on the line? Headquarters duty  
11 officer? Hey, Jim? Wayne here.

12 MR. HOFFNER: Do you need me on the line  
13 anymore? Or can I go?

14 MR. LANNING: I'm sorry. Who is that?

15 MR. HOFFNER: Officer at Millstone. Do  
16 you need us on the line any more?

17 MR. LANNING: I still didn't catch the  
18 name. Say again.

19 MR. SCHNEIDER: Wayne, this is Max. That  
20 was Bill Hoffner. He's the Operations Manager.

21 MR. LANNING: We need to maintain  
22 communications with Mr. Ryan.

23 MR. RYAN: This is Mr. Ryan. I'm on the  
24 line.

25 MR. LANNING: Okay. John, we're going to

1 separate these communications bridges here in  
2 headquarters.

3 MR. PARTICIPANT: Okay. This is the  
4 headquarters operations officer You want all the  
5 bridges separated out?

6 MR. LANNING: Yes.

7 MR. PARTICIPANT: Or do you need the  
8 briefing bridge to still remain connected to the  
9 counterpart link?

10 MR. LANNING: Separate the Emergency  
11 Notification Bridge out from the Management and  
12 Reactor Safety Bridge.

13 MR. PARTICIPANT: I'm disconnecting them  
14 now.

15 MR. LANNING: John Ryan, you will stand by  
16 please.

17 MR. PARTICIPANT: (Inaudible.) Is Mr.  
18 Ryan on the line?

19 MR. LANNING: Say again.

20 MR. PARTICIPANT: Is Mr. Ryan on the line?

21 MR. LANNING: He should not be on this  
22 bridge.

23 MR. PARTICIPANT: This is the headquarters  
24 operation officer. The licensee has been separated  
25 from the bridge.

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