

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

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HEADQUARTERS OPERATIONS CENTER

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TELEPHONE CONVERSATION(S)
RE MILLSTONE ALERT DECLARATION

OF APRIL 17, 2005

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EVENT NO. 41607

ET Tape 3, Side B, 17:09-19:11

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in accordance with the Freedom of Information
Act, exemptions 5
FOIA- 2005-0267

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MR. PARTICIPANT: Max, Bill Hoffner will be

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coming on the Bridge here to give us a brief. He is

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1 probably going to tell us about their exiting the
2 Alert Status.

3 MR. PARTICIPANT: OK, Larry.

4 MR. PARTICIPANT: Were we just pumping down
5 the PRT?

6 MR. PARTICIPANT: (Inaudible) what we are
7 doing now is what we are trying to figure out.

8 MR. PARTICIPANT: (Inaudible).

9 MR. PARTICIPANT: (Inaudible).

10 (Inaudible; multiple voices and static.)

11 MR. PARTICIPANT: Alright. (Inaudible.)

12 MR. PARTICIPANT: Temperature stayed up in
13 the "A" tailpipe so we are talking about finding a
14 good point to (inaudible). So (inaudible) Alpha PORV
15 (inaudible).

16 MR. PARTICIPANT: What parameters are you
17 able to identify with (inaudible)?

18 MR. PARTICIPANT: Right now, there is
19 tailpiece temperature.

20 MR. PARTICIPANT (MAX): Is that an
21 individual tailpiece temperature or a combined?

22 MR. PARTICIPANT: Combined. Now, there is --

23 MR. PARTICIPANT: Bill Hoffner, are you
24 there?

25 MR. PARTICIPANT: Bill Hoffner, are you still

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1 on the line?

2 MR. PARTICIPANT (WAYNE): Bill, Wayne
3 Lanning here. MR. PARTICIPANT (BILL): Hey,
4 Wayne. Good evening.

5 MR. PARTICIPANT(WAYNE): Good evening.

6 MR. PARTICIPANT (MAX): Just to inform you
7 that based on cool down, we are planning on
8 terminating at 1730 and you had wanted prior notice,
9 so this is the prior notice I am giving you.

10 MR. LANNING: 1730. That is five minutes
11 from now. Is that correct, Bill?

12 MR. PARTICIPANT: Seven, that is correct.

13 MR. LANNING: Okay. And just tell me what
14 you are basing that on, please.

15 MR. PARTICIPANT (MAX): Right now, RCS
16 temperature is about 440 degrees and we have
17 maintained a 60-degree per hour cool down rate, so
18 based on that, it would be about 90 minutes until we
19 reach Mode 4, which will get up there about 1900. So
20 that would be an hour and a half before the required
21 time.

22 MR. LANNING: Okay, but how was -- I was
23 asking what was your criteria for exiting the alert?

24 MR. PARTICIPANT (MAX): Oh, the initiating
25 event is cleared.

1 MR. LANNING: Okay.

2 MR. PARTICIPANT (MAX): So the only concern
3 we had was whether we were going to meet the time
4 requirement that the action required by 2029.

5 MR. LANNING: Okay.

6 MR. PARTICIPANT (MAX): And now we are
7 comfortable we are going to make that time. We did
8 not want to terminate and then have to go out with an
9 unusual event and reactivate it. Or re-initiate
10 another activation scenario.

11 MR. LANNING: All right, got it.

12 MR. PARTICIPANT (MAX): Okay.

13 MR. LANNING: Alright. Any other questions?

14 (NO RESPONSE.)

15 MR. LANNING: Alright, Bill. We still have
16 not heard from the chemistry folks regarding Steam
17 Generator Delta.

18 MR. PARTICIPANT (BILL): We are still
19 working. We still do not have blow down on it;
20 however, we are not steaming that generator either.

21 MR. LANNING: Okay.

22 MR. PARTICIPANT: What will be our
23 communication protocol once they de-activate?

24 MR. LANNING: Bill, as Randy indicated
25 earlier, we will continue to man our Incident Response

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1 Center here in the region. With the termination of
2 the alert, does that mean that I will have a new
3 communicator, who will that be, and how will I know?

4 MR. PARTICIPANT (BILL): What we are going
5 to do is, even though we are going to terminate by the
6 time we send out the termination and get the paperwork
7 done and do a debrief, we will still have personnel in
8 here and EOF. So by the time we finish that, we
9 anticipate we will be in Mode 4 and will maintain
10 communications with you and up to that point.

11 MR. LANNING: Alright.

12 MR. PARTICIPANT (BILL): And I will -- I
13 will stay available to continue the communication with
14 you and Bill when we are in Mode 4, regardless.

15 MR. LANNING: And Mode 4 is what?

16 MR. PARTICIPANT (BILL): Less than 350
17 degrees.

18 MR. LANNING: Alright.

19 Okay. I appreciate that, Bill.

20 MR. PARTICIPANT (BILL): No problem, Wayne.
21 Any other questions for me before I go off?

22 MR. LANNING: Stand by for just a second and
23 let me canvas the group.

24 MR. PARTICIPANT: Bill, have you any new
25 intelligence on the leaking PORV, which one and so

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1 *forth?*

2 MR. PARTICIPANT (BILL): No, we are going
3 through our alarm response to isolate the different
4 PORVs. We have isolated the Alpha. As of right now,
5 that is not indicative of the leak. And then we are
6 going to go over and do the Bravo very shortly. If
7 not, then that would be indicative of a potential leak
8 in our safety valve. There are some other inputs that
9 go into that PRT, but we are going to be looking at
10 that for other -- you know, using other indications to
11 determine that.

12 MR. LANNING: And I also understand that you
13 are not going to be even resetting the main steam
14 isolation signal. Is that your understanding?

15 MR. PARTICIPANT (BILL): Can you say that
16 again?

17 MR. LANNING: It is my understanding that
18 the Operators will not be resetting the main steam
19 isolation signal.

20 MR. PARTICIPANT (BILL): When we began to
21 cool down and de-pressurization, we blocked the steam
22 line isolation signal. And when that happened, the
23 signal reset. Are you guys still there?

24 MR. LANNING: Yes, we are pondering what you
25 just said.

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1 MR. PARTICIPANT: I guess we are a little
2 confused technically.

3 MR. PARTICIPANT (BILL): We are not -- we
4 are not going to, at this point, reopen the valves
5 right now. The signal, as far as I am aware, of when
6 we blocked the steam line low pressure, with a block,
7 when we blocked that by procedure, the alarm cleared.

8 MR. LANNING: So I understand when you block
9 the steam line low pressure -

10 MR. PARTICIPANT (BILL): SI signal, it's
11 a permissive?

12 MR. LANNING: Yes.

13 MR. PARTICIPANT (BILL): And when we - we
14 RCS pressure got below T11, which is our set point, it
15 says "Block it," and when we blocked it, the steam
16 line pressure low signal went away.

17 MR. LANNING: Okay.

18 MR. PARTICIPANT (BILL): And that was what
19 was given to me, the steam line. Now, we have not
20 reset the main steam line isolation signal, which is
21 a manual signal.

22 MR. LANNING: Okay, that was the one we were
23 -- I was asking about.

24 MR. PARTICIPANT (BILL): Right. The
25 Operators have not depressed that push button.

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1 MR. LANNING: Okay. And what is the
2 rationale there?

3 MR. PARTICIPANT (BILL): At this point,
4 while we are still doing Event Review Team
5 Investigation, we didn't want to remove potentially
6 some information as to the cause. We do not need them
7 right now to continue our cool down.

8 MR. LANNING: Okay. Well, I guess I was
9 thinking that gave you blow downs and steam generators
10 and the atmospheric relief.

11 MR. PARTICIPANT (BILL): Well, the blow down
12 does not get a main steam line isolation signal. That
13 gets an aux feed water isolation, so we can reset that
14 if we wanted to. It is just some other procedures to
15 get the sample.

16 MR. LANNING: Okay.

17 MR. PARTICIPANT (BILL): Okay?

18 MR. LANNING: Alright, any other questions?

19 MR. PARTICIPANT: This is the Headquarters
20 Operation, I just need to confirm that the Operations
21 Center here will get a separate call on securing from
22 the alert.

23 MR. PARTICIPANT (BILL): We will release an
24 IRF notification and follow the communication
25 procedures, once we actually do terminate.

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1 MR. PARTICIPANT: Okay. Thank you, sir.

2 MR. PARTICIPANT (BILL): Okay?

3 MR. PARTICIPANT: Yes.

4 MR. LANNING: Okay, thank you, Bill.

5 MR. PARTICIPANT (BILL): Okay, thank you
6 very much.

7 (Conversation Concluded.)

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22 MR. PARTICIPANT: Okay, understood. Thank
23 you, sir.

24 MR. PARTICIPANT: (Inaudible.)

25 (Conversation Concluded.)

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23 MR. PARTICIPANT: This is Headquarters
24 Operations Officer again. I have got Bill Hoffner
25 who again wants to be added to the Bridge.

Ex 5 portions

1 MR. LANNING: Okay.

2 MR. PARTICIPANT: (Inaudible.)

3 MR. PARTICIPANT: (Inaudible.)

4 MR. PARTICIPANT: Yes, I am on the line,
5 Bill Hoffner.

6 MR. LANNING:) Hi, Bill. Wayne Lanning.

7 MR. PARTICIPANT (BILL): Hey, Wayne. We
8 -- when we got back together at 1730, we noticed
9 that the steam pressure came down. The cool down
10 rate changed. We made a decision here that we will
11 stay activated until we hit Mode 4 also.

12 MR. LANNING: Alright. I understand you
13 will stay under alert until you reach Mode 4, which
14 is 350 degrees RCS temperature?

15 MR. PARTICIPANT (BILL): Yes.
16 Presently, we are about 400 degrees and we have got
17 a 65 degree per hour cool down rate, so we are still
18 looking prior to 1900 in being there. But we are
19 going to stay activated until that point.

20 MR. LANNING: Alright. What was the
21 first part of your statement about the steam
22 pressure?

23 MR. PARTICIPANT (BILL): Just, as you
24 bleed steam, the secondary pressure drops off and
25 you have to open the valves further. We did not

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1 like what we saw for a little bit in the rate, so we
2 decided not to terminate. And since we are this
3 close anyway, we are just going to stay activated
4 until that point.

5 MR. LANNING: Alright, Bill. Help me
6 understand what you mean by that. I cannot envision
7 what you are telling me.

8 MR. PARTICIPANT (BILL): We are using
9 throttle valves, right, so as steam pressure drops
10 behind them, you have to open them further to get
11 the same cool down rate.

12 MR. LANNING: Okay.

13 MR. PARTICIPANT (BILL): So we just saw
14 that the cool down rate was dropping off and we just
15 got a little concerned that we were going to be able
16 to maintain that rate and we decided not to
17 terminate at 1730. By adjusting the valves further
18 open, we have now reestablished the 60 degree per
19 hour cool down rate, so we are comfortable we are
20 going to make it. But since we are so close anyway,
21 we are just going to stay to Mode 4 to be concurrent
22 with what you are doing.

23 MR. LANNING: Okay, great. I appreciate
24 that.

25 MR. PARTICIPANT (BILL): Okay. Also,

1 additionally, -- Charlie, do we have positive on the
2 PRV?

3 MR. PARTICIPANT: (Inaudible.)

4 MR. PARTICIPANT (BILL): Okay. Okay, I
5 understand. We are still going through the process
6 of isolating the PRVs. We are going to evaluate
7 whether we were successful in that, and we are also
8 in the process of placing blow down on the Delta
9 Steam Generator in service right now. So we should
10 have a sample once we get that going.

11 MR. LANNING: Okay. I understand you
12 have reestablished the Steam Generator D blow down.

13 MR. PARTICIPANT (BILL): Delta, correct.
14 Okay, Wayne?

15 MR. LANNING: Yes, sir. Let me just
16 canvas the group here and see if there are any other
17 questions.

18 MR. PARTICIPANT: Just one. That
19 throttle valve that you were adjusting the cool down
20 rate with, are those locally controlled or is that a
21 controller from the Control Room, or remote?

22 MR. PARTICIPANT (BILL): No, those are
23 motor operated valves that are throttle able and
24 they are controlled from the Main Control Board.

25 MR. LANNING: Okay. So you do not see

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1 any problems with the Controller. You are just
2 saying --

3 MR. PARTICIPANT (BILL): No.

4 MR. LANNING: You were trying to adjust
5 the valves based on lowering steam pressure?

6 MR. PARTICIPANT (BILL): Correct. And
7 just based on our concern for a little bit, we
8 decided not to terminate, and right now we have
9 reestablished the cool down rate that we desire and,
10 in effect, we are under an hour and we are just
11 going to wait to get to Mode 4 at this point.

12 MR. LANNING: Okay, we got it.

13 MR. PARTICIPANT: Got it.

14 MR. PARTICIPANT (BILL): Okay.

15 MR. LANNING: Alright.

16 MR. PARTICIPANT (BILL): My notion still
17 would be to call you just prior to the termination?

18 MR. LANNING: I would appreciate it, yes.

19 MR. PARTICIPANT (BILL): Okay.

20 MR. LANNING: Thank you.

21 MR. PARTICIPANT (BILL): Okay. Any
22 further questions for me?

23 (NO RESPONSE.)

24 MR. LANNING: Max, do you have any?

25 (NO RESPONSE.)

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1 MR. LANNING: Okay. I guess that will be
2 all. Thank you.

3 MR. PARTICIPANT (BILL): Okay, thank
4 you. Bye.

5 (Conversation Concluded.)
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21 MR. PARTICIPANT: (Inaudible.)

22 MR. PARTICIPANT: (Inaudible.)

23 MR. PARTICIPANT: (Inaudible.)

24 MR. PARTICIPANT: (Inaudible.)

25 MR. PARTICIPANT: (Inaudible.)

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MR. PARTICIPANT: Hi. I have got Bill Hoffner from the Millstone on the line. Would you like for me to put him up on the Bridge?

MR. LANNING: I would.

MR. PARTICIPANT: Okay. I will transfer him right now.

MR. PARTICIPANT: (Inaudible.)

MR. PARTICIPANT: (Inaudible.)

MR. PARTICIPANT: Hello?

MR. LANNING: Hey, Bill, you have got Wayne Lanning. Go ahead.

MR. PARTICIPANT (PAUL): Wayne, this is Paul Peroulis (Phonetic) at the Millstone EOF. Would you please hold for Bill Hoffner?

MR. LANNING: Alright.

1 MR. PARTICIPANT (BILL): Sorry, Wayne.

2 MR. LANNING: That is okay. Go ahead.

3 MR. PARTICIPANT (BILL): Okay, just to
4 let you know, temperature is what, 355 now. We are
5 at 353 degrees, with three minutes, approximately
6 three minutes away from getting to Mode 4. So we
7 are going to send out a determination at that point.

8 MR. LANNING: Okay. So my understanding
9 is that you will terminate the alert status in three
10 minutes?

11 MR. PARTICIPANT (BILL): Approximately
12 three minutes.

13 MR. LANNING: Okay, alright. You still
14 need to do your notification to the Ops Center,
15 please.

16 MR. PARTICIPANT (BILL): Of course. We
17 will make the required notifications and phone
18 calls.

19 MR. LANNING: Alright.

20 MR. PARTICIPANT (BILL): Okay?

21 MR. PARTICIPANT: Thank you very much.

22 MR. PARTICIPANT (BILL): Okay. Thank
23 you for your help today.

24 MR. LANNING: Have a good evening.

25 MR. PARTICIPANT: (Inaudible.)

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