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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

RST Bridge Tape 1, Side A, 10:53-11:56

Information in this record was deleted
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Act, exemptions 5
FOIA-2005-0207

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EX5
EX5
Bracket from here up



23 MR. HEADQUARTERS OPERATIONS OFFICER: All
24 right. Excuse me, gentleman. This is Headquarters
25 Operations Officer. I have Mr. Price from Millstone

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1 who wishes to speak to Jim Wiggins. Do you want to do
2 that on a separate conference?

3 MR. LANNING: Do it on this Bridge until we
4 get the bridges separated, please.

5 MR. HEADQUARTERS OPERATIONS OFFICER:
6 Okay. You want me to add Mr. Price to this bridge,
7 then?

8 MR. LANNING: Go ahead.

9 MR. PARTICIPANT: Okay. Stand by.

10 MR. WIGGINS: Wayne, you might as well
11 take the lead on this call, too. Just tell him we're
12 all here listening. Is that okay, Wayne?

13 MR. LANNING: That's fine. Yes.

14 MR. WIGGINS: And what I get from Allen is
15 where does he think he is and where, you know, what
16 things do they want to achieve before they stand down
17 from the alert.

18 MR. PRICE: Good morning.

19 MR. LANNING: Good morning, Allen. This
20 is Wayne Lanning.

21 MR. PRICE: Hey, Wayne. How you doing
22 today?

23 MR. LANNING: I'm well, sir.

24 You're on the bridge with numerous NRC
25 staff.

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1 MR. PRICE: Yes, sir.

2 MR. LANNING: And your Mr. Ryan is also on
3 the bridge.

4 MR. PRICE: Very good.

5 MR. LANNING: We're looking to you to sort
6 of give us your status and what your plans are.

7 MR. PRICE: Okay.

8 MR. LANNING: Particularly with regard to
9 terminating the alert.

10 MR. PRICE: Understand.

11 MR. LANNING: Go ahead.

12 MR. PRICE: Okay. I will assume that you
13 all know some of the major topical areas, but I'll hit
14 some of the major milestones for you.

15 MR. LANNING: Sure.

16 MR. PRICE: That about 0829 a.m. this
17 morning Unit 3 Millstone had a reactor trip and safety
18 injection steam line low pressure (Inaudible). As of
19 right now the cause of trip is undetermined. And I
20 understand that there was a previous question with
21 regard to tampering. We have not ruled it out, but we
22 have no reason to believe that tampering was involved.
23 That will be part of our investigation. But once
24 again, we have no reason at this time to believe that
25 tampering was involved with the initiation of the

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1 reactor trip and safety injection.

2 Our main safety systems did operate.

3 We currently have -- we did go solid in
4 our pressurizer. We have recovered pressurizer level
5 and pressure is steady. And have an individual
6 standing in front of the status board. But we have 64
7 percent in the pressurizer and we are at roughly 2200
8 pounds in the primary coolant system. So we have
9 pressure control and we have pressurizer level
10 restored to scale.

11 We have transitioned to our emergency
12 procedure ES1.1 safety injection termination. And we
13 have terminated the safety injection and we're back on
14 normal charging and let down.

15 We declared our alert charlie 1 based on
16 our tables, which give you direct alert classification
17 based on a main steam safety valve stuck open. The
18 reason that we classified that is we had a safety
19 valve on the bravo steam generator which had opened
20 below its set point. And right now we don't know if
21 that was the initiator of the safety injection or came
22 immediately after the safety injection signal. But
23 based on the fact that that steam generator safety
24 valve opened below its set point, the shift manager
25 made the classification of alert charlie 1, and that's

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1 the classification that we remain in.

2 We have not yet reached conclusion, but
3 what we are considering here in the EOF is what
4 determination criteria would be. With the Millstone
5 Unit 3 design, we are currently on the atmospheric
6 dump valves because with -- we have the main steam
7 isolation signal that we have manually injected. So
8 our ability to dump steam to the condenser is limited
9 at this time. We don't have that capability at this
10 time and we're evaluating our options to restore the
11 ability to dump steam to the condenser. So right now
12 we're on an atmospheric dump valve that's cycling
13 periodically to remove decay heat.

14 So we're looking at our termination
15 criteria for the alert and we believe that we are
16 there right now. But we're also looking at other
17 indications for a notification of unusual event
18 criteria. We don't -- I don't believe that we see any
19 at this time, but we're still going through the
20 thought process for what we need to do in order to
21 terminate from the event. And as soon as we have
22 reached those conclusions I'll be happy to call you
23 back on this bridge.

24 We do have people at the state armory.
25 Last I checked, about 15 minutes ago, no members from

1 the state had arrived yet, only the Dominion staff was
2 there. And we have a number of members of our
3 corporate EOF staff who have already responded to the
4 corporate EOF and we have been in conversations with
5 them.

6 Do you have any followup questions right
7 now?

8 MR. HOLIAN: Yes, Mr. Price. Brian Holian
9 from Region I also.

10 Did you say Bravo steam generator lifted
11 a little bit low? We had understood that at about
12 1100 pounds. But that's still 100 pounds above
13 normal. Was there any indication of why the steam
14 generator pressure was high -- that high even?

15 MR. PRICE: I do not have that detail at
16 this time, sir.

17 MR. HOLIAN: Okay.

18 MR. LANNING: Allen, it's Wayne. We still
19 need you to activate ERDS for us?

20 MR. PRICE: Yes, sir.

21 MR. LANNING Can you give me an estimate
22 about when that might occur?

23 MR. PRICE: I will get that, Wayne, and get
24 that -- in fact, let me see if I can get that
25 information while we're on the phone. Can you hold

1 one second, please?

2 MR. LANNING: Yes.

3 MR. PRICE: Thank you.

4 MR. PARTICIPANT: Wayne?

5 MR. LANNING: Yes, Jim.

6 MR. WIGGINS: Yes. This is Jim. While we
7 have Allen, He seems to have a fairly complete story.
8 We should ask him, you know maybe we're looking at
9 this thing all wrong. We should say, you know, maybe
10 this thing started at the primary site.

11 MR. PRICE: I'm glad to get that
12 information.

13 MR. WIGGINS: We ought to ask him if he's
14 got any chemistry data on -- or you know, anything
15 like that that he ruled any reactor oriented thing
16 out. So, it's up to you, Wayne. You know, ask him
17 when you think it's appropriate.

18 MR. PARTICIPANT: Also, we haven't asked
19 about fuel leakers, have we?

20 MR. LANNING: No.

21 MR. PARTICIPANT: And rad release. Their
22 estimate of rad release.

23 MR. LANNING: Allen, are you back?

24 MR. PRICE: Yes, sir, I am.

25 MR. LANNING: Okay. I understand you were

1 not able to get a time for activating ERDS?

2 MR. PRICE: I'm getting that information
3 sent to me now.

4 MR. LANNING: Okay. I'm also interested
5 in what estimation is of any releases and any
6 chemistry samples that you have ongoing at the primary
7 site?

8 MR. PRICE: We have no indications of any
9 rad levels above normal. We have done some sampling
10 from steam generators, and we have no indications of
11 any primary or secondary leak. So our rad levels at
12 this time are normal.

13 We did put some water from our charging
14 system from a relief valve on a recirc line into the
15 aux building. The last report that I had was that
16 water was clean.

17 MR. HOLEY: Allen, this is Brian Holian.
18 Have you been operating with any fuel
19 leakers at all?

20 MR. PRICE: No, sir. No, sir.

21 MR. HOLIAN: Okay.

22 MR. RYAN: John Ryan.

23 We are presently on normal charging and
24 let down.

25 MR. PRICE: Thank you, John.

1 MR. PARTICIPANT: Jim, this is Sam.

2 You had a question on the PRT. Did you
3 get an answer for that?

4 MR. PARTICIPANT: No, I hadn't heard an
5 answer.

6 MR. PRICE: The maximum primary pressure
7 that I believe we have seen has been on the order of
8 2330 pounds. That is below the set point of our power
9 operator relief valve and it's also below the set
10 point of safety valves.

11 Having said that, we have gotten some
12 information from the control room that indicated they
13 think they had a leakage from a safety valve. And we
14 do have, the last I looked, about 74 or 75 percent
15 level in our pressurizer relief tank. So we do
16 believe that we have some leakage coming from either
17 a PORV or a safety valve.

18 MR. WIGGINS: Allen, this is Jim just to
19 follow up. Do you think the PRT is intact still, or do
20 you think it ruptured --

21 MR. PRICE: It has a ruptured disk, and I
22 do not believe that ruptured disk has been challenged
23 as of yet. That is correct.

24 MR. WIGGINS: Okay.

25 MR. PARTICIPANT: This is (Inaudible) at

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1 the present time about 82 percent in the PRT
2 pressurizer relief tank. And the tank showed that it
3 is intact at this time.

4 MR. PRICE: Thank you, John.

5 MR. LANNING: John, would you say that
6 again? I could not hear you. The PRT is intact?

7 MR. PARTICIPANT: That is correct. The
8 PRT level is increasing slowly, rising slowly and it
9 is at 82 percent. And the pressure is 64 -- almost 65
10 pounds psi.

11 MR. LANNING: Do you have any indication
12 of other leakage (Inaudible)?

13 MR. PARTICIPANT: I will have to get back
14 to you on that.

15 MR. PARTICIPANT: I'm sorry. I could not
16 hear that question. Could you please ask it again?

17 MR. LANNING: The question is do you have
18 indication of leakage by way of (Inaudible) or
19 otherwise inside containment?

20 MR. PARTICIPANT: There is none to my
21 knowledge.

22 MR. LANNING: Could you verify that for
23 me?

24 MR. PRICE: Yes, I will.

25 MR. PARTICIPANT: Jim, this is Sam. For

1 my purposes, I'd like to clarify the statement we
2 heard about primary lift or primary leak. It sounds
3 like they did not have the lift, but there is leakage
4 by one of the vales?

5 MR. PRICE: Is that Sam?

6 MR. PARTICIPANT: Yes.

7 MR. PRICE: From the data that I have,
8 Sam, we should not -- we did not meet the set point
9 for safety valves. But it would appear -- once again,
10 I don't have all that data in front of me. But we do
11 have indications, I believe, from a tailpipe, RTD,
12 that we had indications of a safety valve lift.

13 MR. PARTICIPANT: Okay. And -- okay. So
14 any leakage that you would have now would be a result
15 of the event? You didn't have that leakage before?
16 If you did, I presume you would have closed the
17 isolation valve?

18 MR. PRICE: That is correct.

19 MR. PARTICIPANT: Okay.

20 MR. PARTICIPANT: I'm sorry. Sam, just to
21 clarify that, Mr. Price, that was you're getting an
22 RTD on one of the safety valves that doesn't have a
23 block?

24 MR. PRICE: The safety valves do not have
25 a block. The PORVs have a block.

1 MR. PARTICIPANT: I have it. Okay. Thank
2 you.

3 MR. PRICE: That it correct. I was just
4 handed a note that our ERDS system is running. We
5 have the capability. So you all should have that
6 capability at this time.

7 MR. PARTICIPANT: Okay.

8 MR. PARTICIPANT: (Inaudible) you
9 evacuated ARD (Inaudible).

10 MR. PARTICIPANT: Mr. Price (Inaudible)
11 are you the emergency director now?

12 MR. PRICE: No, I am not. Bill Hoffner
13 is.

14 MR. PARTICIPANT: Bill Hoffner?

15 MR. PRICE: That is correct.

16 And I was just handed a note we have no
17 indication of input to the containment sump in Unit 3.
18 No indications.

19 MR. LANNING: Okay. Any other questions?

20 MR. WIGGINS: Yes. Wayne, I'd like Allen
21 to understand from Allen what's the path forward as he
22 sees it. What's his immediate plan? You know, there
23 is a rising level in the PRT. Something that goes in
24 there is leaking. If they did go solid in the
25 pressurizer, I know -- I have a sense that these

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1 safety valves might not like water very much.

2 MR. PRICE: Right.

3 MR. WIGGINS: They prefer steam and, you
4 know, what's the way out, Allen? Where are you going
5 to take the plant?

6 MR. PRICE: Well, clearly -- clearly our
7 first challenge was to -- was to take care of the
8 solid pressurizer conditions. We have done that. And
9 to make sure that we have stable relationship between
10 the primary and the secondary. I believe we have
11 that.

12 So we've worked our way through the
13 pressurizer -- through the safety injection
14 termination criteria, the communications between the
15 primary and the secondary; we've got that stable. And
16 now what I have to do is pretty quickly get off this
17 phone and converse with the control room and the TSC
18 to understand exactly the answer to that question.

19 I would imagine we're going to be moving
20 into a further cool down on the primary.

21 MR. LANNING: Allen, it's Wayne again.

22 We are not able to detect that you've
23 actuated ERDS.

24 MR. PRICE: Okay. Let me check into that.
25 And then we'll try our best to understand why that

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1 communication is not taking place.

2 Should we call back on this bridge number
3 and for whom should we ask?

4 MR. LANNING: Yes to both of those, and
5 ask for Lanning.

6 MR. PRICE: Okay. I understand we'll ask
7 for Wayne Lanning and we'll try to get ERDS initiated
8 with you all.

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ERDS