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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 B, 11:56-13:20

Information in this record was deleted
in accordance with the Freedom of Information
Act, exemptions 5
FOIA- 2005-0207

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MR. PARTICIPANT: This is the headquarters operations office. I'm linking up the reactor safety team counterpart link to the ANS bridges.

MR. PARTICIPANT: Okay. That includes Mr. Ryan?

MR. PARTICIPANT: Okay. The reactor safety team bridge and the ENS bridges are linked.

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

MR. RYAN: Yes. This is the (inaudible) station.

MR. PARTICIPANT: Is that Mr. Ryan?

MR. RYAN: This is Mr. John Ryan.

MR. LANNING: Mr. Ryan, this is Wayne Lanning (phonetic).

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Ex 5 portions

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1 I'm looking for a couple of things if you
2 could.

3 First, could you give us an update, the
4 status of the plan and planned actions and then I'd
5 like to have a discussion pertaining to what
6 notifications (inaudible) make the local (inaudible) -
7 - local officials and what press release you
8 issued.

MR. PARTICIPANT: We call the
9 managers. Right. We don't call the duty officer to -

10 -

MR. PARTICIPANT: Somebody has their mike
11 open.

12 Hello?

MR. RYAN: This is John Ryan. Ready for
13 a (inaudible).

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

15 John Ryan?

MR. RYAN: This is John Ryan.

MR. PARTICIPANT: Go ahead and (inaudible)
16 your brief.

MR. RYAN: I understand go ahead with the
17 brief?

The plant at this present time is sub-
18 cooled by 88 degrees. RPS pressure is 2260. The

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1 maximum core exit thermocouples are 565 degrees.
2 Reactor vessel level is 100 percent.

3 The RCS -- the pressurizer level is 57
4 percent. At the present time we are cooling down the
5 PRT, Pressure Relief Tank, using primary grade water
6 and that's why you're seeing if you're watching the
7 RDS (phonetic) you're seeing PRT level and pressure
8 increasing and then decreasing. We did pump it down.

9 The secondary side as far as the secondary
10 side goes, the steam generator pressure (inaudible)
11 right now are approximately 1,080 pounds on all four
12 steam generators.

13 We are feeding the steam generators on aux
14 feed maintaining steam generator level. And radiation
15 levels have not changed since the initial event. They
16 did not change during the initial event.

17 MR. PARTICIPANT: John, would you clarify
18 what you mean by that? Is that based on a secondary
19 sample or what?

20 MR. RYAN: No. This is based on the
21 radiation monitoring system in the control room by
22 (inaudible) monitors.

23 MR. PARTICIPANT: Have you confirmed you
24 have no primary, secondary leaks?

25 MR. RYAN: At the present time we have

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1 samples Alpha, Bravo and Charlie steam generators and
2 there is no -- no rad levels detected in there and we
3 have determined that there's no primary, secondary
4 leaks. We are getting a sample on sump at this time.

5 MR. PARTICIPANT: D is in progress, is
6 that correct, John?

7 MR. RYAN: Delta is in progress. That's
8 correct.

9 MR. PARTICIPANT: All right. Go ahead.
10 What can you tell us about the indication
11 of leakage through the PORV or the primary safety
12 valve?

13 MR. RYAN: At the present time, the PRT,
14 which is the pressure relief tank is -- the level is
15 fluctuating because we're pumping it up and cooling it
16 down with Primary grade water. So, the detection on
17 that is really not available to me.

18 I can get you tailpipe temperatures on the
19 relief valves and I'll get that while we continue to
20 talk.

21 MR. PARTICIPANT: Okay. I appreciate
22 that.

23 I understand are you still normal charging
24 and let down?

25 MR. RYAN: Yes. We are still doing normal

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1 charging and let down. We are still in ES 1.1, which
2 is site termination criteria and we are doing a brief
3 right now to enter OP3208 which is RCS cool down.

4 MR. PARTICIPANT: John, are you still in
5 the alert classification?

6 MR. RYAN: Yes. We have not changed our
7 classification level.

8 MR. PARTICIPANT: Are you -- can you give
9 us some insight as to what parameters must be met to
10 exit the alert and maybe go into a UE or whatever?

11 MR. RYAN: The directors are discussing
12 that at this time and that's why I'm giving you the
13 brief. They're in a meeting right now. But as soon
14 as we know, I will get to you.

15 MR. PARTICIPANT: Okay. I'm going to
16 stand by for the tail pipe temperatures.

17 MR. RYAN: That's correct and while we're
18 standing by for them, we have released three condition
19 of report forms which go out to the local officials
20 and the State officials. And all of the first
21 (inaudible) within the emergency planning zone get a
22 page. They can call in get a recording as to what the
23 incident report forms content is. Those were faxed to
24 Region 1.

25 MR. PARTICIPANT: We have not received

1 those, John.

2 MR. RYAN: I faxed them to the Region 1
3 office.

4 MR. PARTICIPANT: We have not received
5 those.

6 MR. RYAN: I understand you have not
7 received them.

8 MR. PARTICIPANT: We'll give you another
9 number.

10 MR. PARTICIPANT: Maybe they're coming in
11 now.

12 MR. PARTICIPANT: All right.

13 They're coming in now. I got to correct
14 that, John. They're coming in now. I understand
15 they're coming in now. We have one. Yes. Okay.

16 MR. RYAN: Okay. You will have three
17 incident report forms and one news release form.

18 The news release form goes out to the
19 paper press.

20 MR. PARTICIPANT: And you sent that to us
21 also?

22 MR. RYAN: That's correct. I did send
23 that to you. That release was made at 11:17.

24 MR. PARTICIPANT: Okay. John, are you in
25 the EOF or the TSC?

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1 MR. RYAN: I'm in the EOF. That's
2 correct.

3 MR. PARTICIPANT: Okay. We need to
4 establish some communication with the TSC. Can you
5 help me do that?

6 MR. RYAN: Yes. I can. Is there a number
7 that you want them to call or you want them to call
8 the 301-816-5100?

9 MR. PARTICIPANT: That is correct. And
10 they should ask for the reactor safety --

11 MR. PARTICIPANT: No. The (inaudible).

12 MR. PARTICIPANT: ENS Bridge. Emergency
13 Notification System Bridge.

14 MR. RYAN: ENS Bridge. Right. Understand.
15 And who would you like to speak to?

16 MR. PARTICIPANT: The communicator.

17 MR. RYAN: The technical support center
18 does not have a communicator. All the communications
19 come out to the EOF here and come through me.

20 MR. PARTICIPANT: Stand by a minute.

21 MR. RYAN: Understand.

22 MR. PARTICIPANT: Mike Weber is on the
23 bridge.

24 MR. DYER: Mike, this is Jim Dyer. It is
25 an ongoing alert. We're giving a briefing now. I can

1 take you on a different line.

2 MR. PARTICIPANT: Okay. Whatever works
3 for you, Jim. You're there in the OPS center, I
4 understand.

5 Okay. All right.

6 MR. LANNING: John Ryan, It's Wayne
7 Lanning again.

8 Cancel that request for a communicator
9 from the TSC.

10 MR. RYAN: I understand you want me to
11 cancel the TSC communicator request?

12 MR. LANNING: That's correct. We are
13 still on standby for the tailpipe temperatures.

14 MR. RYAN: Yes. The tailpipe temperature
15 right now are 220 degrees and stable.

16 MR. PARTICIPANT: And what's your
17 interpretation of that with regard to leakage?

18 MR. RYAN: I'd have to get back to you on
19 that as to whether the TSC has determined whether
20 there's any significant leakage coming at that
21 (inaudible).

22 MR. PARTICIPANT: John, has anybody been
23 able to discriminate where the leakage would be from
24 by acoustic monitors or from the tailpipe
25 temperatures?

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1 MR. RYAN: I haven't been able to
2 establish that right now, but we can look at that out
3 here at the EOF. What I'm going to do is I'll get the
4 TSC to answer that question for us, the Technical
5 Support Center.

6 MR. PARTICIPANT: We're also interested in
7 seeing if there's any thoughts of closing the block
8 valve?

9 MR. RYAN: Well, the pressurize safety
10 valves do not have block valves.

11 MR. PARTICIPANT: Oh, you've established
12 then the leakage of the safety valve or the PORVs?

13 MR. RYAN: We believe that it's leaking
14 from the safety.

15 We did have one safety that did open.

16 MR. PARTICIPANT: And it opened before the
17 PORV opened?

18 MR. RYAN: Yes. It did.

19 MR. PARTICIPANT: Okay.

20 MR. RYAN: At the present time, the four
21 block valve status is intermittent. I have a partial
22 closure on it.

23 MR. PARTICIPANT: John, will you say that
24 again? It's a block valve on a PORV?

25 MR. RYAN: The block valve right now is on

1 the indication are reading partial. I just have a
2 closed/partial status and right now both are reading
3 partial.

4 MR. PARTICIPANT: That is two valves?

5 MR. RYAN: That is two valves. That is
6 RCS number Z8000 Alpha and Bravo. At the present time
7 we're getting information on that -- whether or not
8 the control room has more information on that partial
9 status there.

10 MR. PARTICIPANT: Okay. Thank you, John.
11 We're also standing by for when you get the results
12 from the D Steam generator secondary side.

13 MR. RYAN: Delta. Delta steam generator.
14 That's correct. So, I have a delta steam generator
15 sample, but I will get back (inaudible) as well as an
16 update on what the block valve status means by staying
17 partial.

18 MR. PARTICIPANT: And also an evaluation
19 of the tailpipe temperatures.

20 MR. RYAN: And an evaluation of the
21 tailpipe temperatures. That's correct.

22 MR. PARTICIPANT: I understand that you're
23 in the process of -- of removing the contents from the
24 PRT. Is that correct?

25 MR. RYAN: Yes. What we're doing is we're

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1 pumping down the PRT and then filling it with primary
2 grade water to get the temperature down and get it
3 within its normal band.

4 MR. PARTICIPANT: Did you also confirm you
5 should have those sump level indications as far as
6 leakage?

7 MR. RYAN: Just a second. I can confirm
8 that.

9 Wayne, this is John Ryan.

10 MR. PARTICIPANT: Go ahead, John, Wayne
11 here.

12 MR. RYAN: Yes. Both four block valves,
13 pressurizer four block valves are open.

14 MR. PARTICIPANT: Help me understand that.
15 If you think one of those are leaking.

16 MR. RYAN: We don't believe the PORV's are
17 leaking. We believe there's leakage actually coming
18 from a safety valve. And that safety valve does not
19 have a block valve on it.

20 MR. PARTICIPANT: Okay. Help me
21 understand that, John. Is that because of what kind
22 of indication that gives you confidence that the
23 PORV's are not leaking?

24 MR. RYAN: That's why we're doing the
25 tailpipe evaluations on right now.

1 MR. PARTICIPANT: Okay. So, that's to be
2 determined?

3 MR. RYAN: That's to be determined.
4 That's correct.

5 MR. PARTICIPANT: Okay.

6 John, can you give us an update on an
7 initiating or what caused the event?

8 MR. RYAN: We still do not have what
9 caused the event.

10 MR. PARTICIPANT: Okay. Thank you.

11 MR. PARTICIPANT: Some substation on line.

12 MR. LANNING: Is that the emergency
13 director? This is Wayne Lanning at IRC.

14 MR. PARTICIPANT: Bill Huffner, officer.
15 I'm the director of safety emergency operations. I
16 also have Dave Dodson (phonetic) and Steve Stacey
17 (phonetic) here with me.

18 MR. PARTICIPANT: Okay, Bill. We just got
19 a new brief by John Ryan (inaudible) conditions. I'd
20 be interested in a couple of strategies on your part.

21 The first, what is your plan going forth.

22 MR. PARTICIPANT: Our plan is to complete
23 the emergency EOP, S1.1, which is safety injection
24 termination. Then we will transition to normal plant
25 operating procedures, which will have an initial plant

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1 cool down. We will initiate plant cool down cold
2 shutdown.

3 MR. LANNING: Okay. Can you tell me, I
4 understand that you're still in the alert status?

5 MR. RYAN: 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. RYAN: Steam safety is so -- what
10 we're looking at right now is to get the plant started
11 to cooldown. We are looking at containment pressure
12 right now. Because we lost cool in order to contain
13 the pressures just slightly above Tec. Spec. pressure,
14 so once we begin the cool down and we get containment
15 pressure back intact. We're already reviewing our
16 termination checklist right now. So, we would expect
17 later this afternoon to be able to terminate.

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

21 MR. RYAN: Containment is actually a chill
22 water system and that's a non-safety system that post
23 action is (inaudible) isolate (inaudible) so we've
24 reset that and we're reinitiated it.

25 MR. LANNING: Thank you for that. I

1 understand you're reinitiating chill water containment
2 cooling.

3 Bill, could you confirm for us conditions
4 inside containment in terms of the temperature and
5 humidity for example?

6 MR. PARTICIPANT: Yes. I would have to
7 get that data, Wayne. We've had no reports of any
8 indication that other than for the loss of cooling,
9 any indication of any leakage or anything like that,
10 if that's what the questions are heading towards --
11 lost the cooling and that's caused the pressure to go
12 up.

13 Right. We do have a small amount of
14 leakage going to either one of the four for safety
15 that's going into the PRT, Primary Relief Tank. We
16 have been pumping that down so the pressure -- primary
17 relief tank, PRT, is intact.

18 MR. LANNING: Bill, I understand that
19 you're two block valves for the PORV's are still open.
20 Is that correct?

21 MR. PARTICIPANT: -- take this phone call.
22 They are still open. We were going to go and cycle
23 them to see if that would stop the leakage.

24 What we have is, we have three safeties
25 and two PRVs and they all come into a common line.

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1 So, we want to see if the leakage into the PRT, we can
2 isolate by shutting one of the two block valves. So,
3 we're going to be working through that very shortly.

4 MR. LANNING: Okay. Bill, I understand
5 you had packing leak in the auxiliary building from
6 the charging system. Is that correct and does that
7 constitute a release?

8 MR. PARTICIPANT: Didn't have a confirmed
9 leak, a packing leak off a charging line. The
10 charging line that leaks is not a normal flow tap
11 line. Following the safety injection, they release
12 to the charging pumps get aligned back to our
13 (inaudible).

14 The valve that leaked was on this line and
15 the line has been isolated.

16 We have no airborne indications at all.
17 No change in our rad monitors effluence. We do have
18 some small amount of surface contamination that we're
19 in the process of cleaning up. And it's just down to
20 the area specifically around one of our charging pumps
21 where the valves are located.

22 Wayne, did you receive that?

23 MR. LANNING: That's affirmative. I did
24 receive that. I also understand that you have no
25 airborne alarms or elevated levels?

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1 MR. PARTICIPANT: Yes. We've seen no
2 trends in any of our rad monitors that would indicate
3 any airborne effluent releases.

4 MR. LANNING: Okay. I understand you have
5 no indication or trends in rad releases. Okay.

6 Stand by a minute.

7 All right. Bill, thank you for your
8 brief. Is there anything else you want to add?

9 Thank John Ryan and I can get back on the
10 line with you. Okay. You were breaking up. Say that
11 again.

12 MR. PARTICIPANT: If you guys need any
13 further questions, you can call John Ryan and he's on
14 OPMED (phonetic) and he can arrange for me to get back
15 on the phone with you.

16 MR. PARTICIPANT: Hey, Bill. Just one
17 more question. Have you had any press interest?

18 MR. PARTICIPANT: The press is going
19 through -- we activated a chief tech support.
20 (Inaudible) and they're handling the press release up
21 here. We've had none directly into the EOF.

22 MR. PARTICIPANT: You had no press
23 inquiries? Is that what you said?

24 MR. PARTICIPANT: (Inaudible). We've had
25 none that our EOF facility.

1 MR. PARTICIPANT: Okay. All right. Thank
2 you, Bill, for your brief. We're going to -- duty
3 officer, are you on the line? Headquarters duty
4 officer?

5 Hey, Jim? I mean, Wayne.

6 MR. LANNING: Yes. Wayne here.

7 MR. PARTICIPANT: Do you need me on the
8 line anymore or can I go?

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

10 MR. PARTICIPANT: (Inaudible) Millstone.
11 Do you need us on line anymore?

12 MR. LANNING: I still didn't catch the
13 name. Say it again.

14 MR. SCHNEIDER: Wayne, this is Max. That
15 was Bill Huffner. He's the operations manager.

16 MR. LANNING: We need to maintain
17 communications with Mr. Ryan.

18 MR. RYAN: This is Mr. Ryan. I'm on the
19 line.

20 MR. LANNING: Okay. Gentlemen, I'm going
21 to (inaudible) these communications bridges here in
22 headquarters.

23 MR. PARTICIPANT: Okay. This is the
24 headquarters operations officer. Do you want all the
25 bridges separated out?

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1 MR. LANNING: Yes.

2 MR. PARTICIPANT: The briefing bridge
3 still remain connected to the counterpart link.

4 MR. LANNING: Separate the emergency
5 notification bridge. I'll (inaudible) the management
6 and reactor safety bridge.

7 MR. PARTICIPANT: I'm disconnecting them
8 now.

9 John Ryan, you all stand by please.

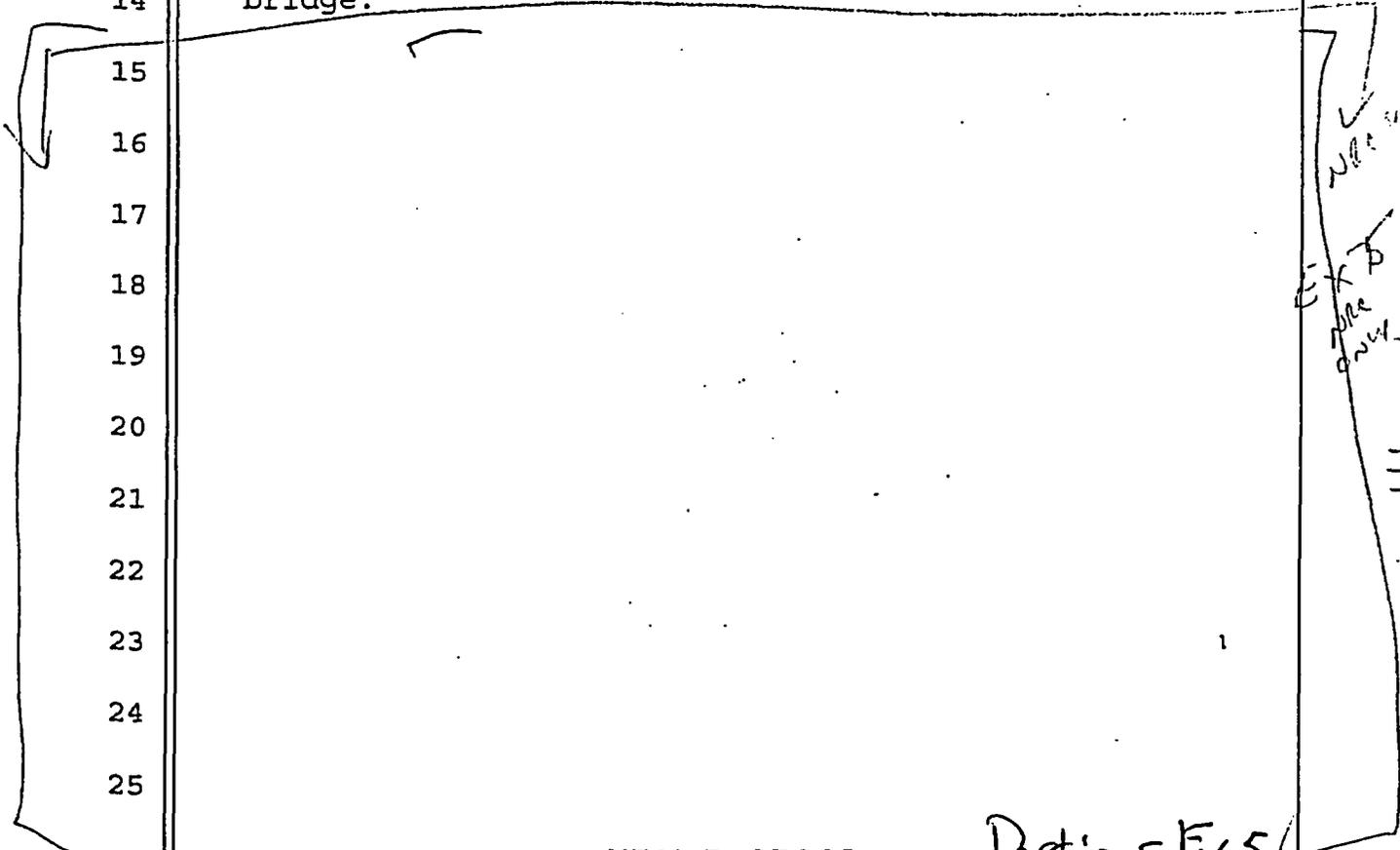
10 MR. PARTICIPANT: (Inaudible.)

11 MR. PARTICIPANT: Say again?

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

13 MR. PARTICIPANT: He should not be on this
14 bridge.

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