

Official Transcript of Proceedings

DONE 13

NUCLEAR REGULATORY COMMISSION

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Title:

Telephone Conversations at
NRC Headquarters during
the Millstone Alert Declaration
on April 17, 2005

Event Number: 41607

Location: (telephone conference)

Tape: ENS TAPE 2, SIDE A, 12:31-19:17

Work Order No.: NRC-372

Pages 1-47

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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
ENS Bridge Tape 2, Side A, 12:31-19:17

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

MR. PARTICIPANT: . . . and the state officials and all of the first select men within the emergency planning zone get a page, and they can call in and get a recording as to what the instant report form content is.

Those were faxed to Region I

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

MR. PARTICIPANT: I faxed them to the Region I office.

MR. PARTICIPANT: We have not received those.

MR. PARTICIPANT: I understand you have not received them.

MR. PARTICIPANT: (Inaudible).

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

MR. PARTICIPANT: Well, maybe they're coming in now. They're coming in now. We've got to right that, John. They're coming in now.

MR. PARTICIPANT: We understand they're coming in now.

MR. PARTICIPANT: We have one, yes.

MR. PARTICIPANT: Okay. You will have

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1 three instant report forms and one news release form.

2 The news release form goes out to the
3 paper press.

4 MR. PARTICIPANT: And you sent that to us
5 also?

6 MR. PARTICIPANT: That's correct. I did
7 send that to you. That release was made at 11:17.
8 Okay.

9 MR. PARTICIPANT: John, are you in the EOF
10 (phonetic) or TSC (phonetic).

11 MR. PARTICIPANT: I am in the EOL, that's
12 correct.

13 MR. PARTICIPANT: Okay. We needed to
14 establish communication with the DSE. Can you help me
15 do that?

16 MR. PARTICIPANT: Yes, I can. Is there a
17 number that you want them to call or do you want them
18 to call the 301-816-5100?

19 MR. PARTICIPANT: That's correct.

20 MR. PARTICIPANT: And you want them --

21 MR. PARTICIPANT: And they should ask for
22 the reactor safety -- no, the ENS Bridge.

23 MR. PARTICIPANT: A-N-S?

24 MR. PARTICIPANT: E-N-S. Emergency
25 Notification --

1 MR. PARTICIPANT: ENS Bridge. Right.
2 Understand.

3 And who would you like to speak to?

4 MR. PARTICIPANT: The communicator.

5 MR. PARTICIPANT: The technical support
6 center does not have a communicator. All the
7 communications come out through the EOF (phonetic)
8 here. It comes through me.

9 MR. PARTICIPANT: (Inaudible)

10 MR. PARTICIPANT: (Inaudible)

11 MR. PARTICIPANT: (Inaudible)

12 MR. PARTICIPANT: Mike Webber's on the
13 bridge.

14 MR. PARTICIPANT: (Inaudible)

15 MR. PARTICIPANT: Mike, this is Jim Dyer
16 and I -- this is an ongoing alert. We attended a
17 briefing now. I can take you on a different line.

18 MR. PARTICIPANT: Okay. Whatever works
19 for you, Jim. You're there in the Ops Center I
20 understand.

21 MR. PARTICIPANT: Okay.

22 MR. PARTICIPANT: Okay. John Ryan, it's
23 Wayne Lanning again. Cancel that request for a
24 communicator from the TSC.

25 MR. PARTICIPANT: I understand you want me

1 to cancel the TSC communicator request.

2 MR. PARTICIPANT: That's right.

3 (Inaudible) We're still in a standby for the tailpipe
4 temperatures.

5 MR. PARTICIPANT: Yes. The tailpipe
6 temperatures right now are 220 degrees and stable.

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

9 MR. PARTICIPANT: I'd have to get back to
10 you on that as to whether the TSC has determined
11 whether there's any significant leakage coming at that
12 --

13 MR. PARTICIPANT: John, is anybody be able
14 to determine where the leakage will be from by
15 acoustic monitors or from the tailpipe temperature.

16 MR. PARTICIPANT: I haven't been able to
17 establish that right now. But we can look at that out
18 here at EOF. What I'm going to do is I'm going to get
19 the TSC to answer that question for us, their
20 technical support center.

21 MR. PARTICIPANT: Are you also interested
22 to see if there's any thoughts of closing the block
23 off.

24 MR. PARTICIPANT: Well, the pressurizer
25 safety valves do not have block valves.

1 MR. PARTICIPANT: Well, you've established
2 then that it's leaking from the safety valve and not
3 PORV.

4 MR. PARTICIPANT: We believe that it's
5 leaking from the safety. Because we did have one
6 safety that did open.

7 MR. PARTICIPANT: Had it opened before the
8 PORVs opened.

9 MR. PARTICIPANT: Yes, it did. At the
10 present time PORV block valve status is intermittent.
11 I have a partial closure on it.

12 MR. PARTICIPANT: John, would you say that
13 again, had you indicated that the block valve on the
14 PORV?

15 MR. PARTICIPANT: The block valves right
16 now on the indication are reading partial. I just
17 have a closed slash partial status, and right now both
18 are reading partial.

19 MR. PARTICIPANT: Is that two valve?

20 MR. PARTICIPANT: That is two valve. That
21 is RCS number Z8000 alpha and bravo. (Inaudible). At
22 the present time we're getting information on that,
23 whether or not the control room has more information
24 on that partial status there.

25 MR. PARTICIPANT: Okay. Thank you, John.

1 We're also standing by for when you get
2 the results from the D generator secondary side.

3 MR. PARTICIPANT: Delta. Delta steam
4 generator.

5 MR. PARTICIPANT: Delta.

6 MR. PARTICIPANT: That's correct. So I
7 have a delta steam generator sample that I will get
8 back to you on as well as a state on what the block
9 valve status means by saying partial.

10 MR. PARTICIPANT: And also an evaluation
11 of the tailpipe temperatures.

12 MR. PARTICIPANT: And evaluation of
13 tailpipe temperatures. That's correct.

14 MR. PARTICIPANT: Now I understand that
15 you're in the process of removing the contents from
16 the PRT, is that correct?

17 MR. PARTICIPANT: Yes. What we're doing
18 is we're pumping down the PRT and then filling it with
19 primary grade water to get the temperature down. And
20 get it within it's normal ban.

21 MR. PARTICIPANT: Okay. Could you also
22 confirm you still have no sump level indication as far
23 as readings.

24 MR. PARTICIPANT: Yes, just a second. I
25 can confirm that.

1 MR. PARTICIPANT: (Inaudible)

2 MR. RYAN: Wayne, this is John Ryan
3 (phonetic).

4 MR. PARTICIPANT: Go ahead, John. Wayne
5 here.

6 MR. RYAN: Yes. Both PORV block valve,
7 pressurizer PORV block valves are open.

8 MR. PARTICIPANT: Help me understand that.
9 The indication that one of those are leaking --

10 MR. RYAN: We don't believe the PORV are
11 leaking. We believe the leakage is actually coming
12 from a safety valve. And that safety valve does not
13 have a block valve on it.

14 MR. PARTICIPANT: Okay. Help me
15 understand that, John. Is that because of what kind
16 of indication that gives you confidence that the PORVs
17 are not leaking?

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

20 MR. PARTICIPANT: Okay. So that's to be
21 determined?

22 MR. RYAN: That's to be determined.
23 That's correct.

24 MR. PARTICIPANT: Okay. John, can you
25 give us an update on any initiating, what caused the

1 event?

2 MR. RYAN: We still do not have what
3 caused the event.

4 MR. PARTICIPANT: Okay. Thank you.

5 (Inaudible).

6 MR. HOFFNER: Millstone station on line.

7 MR. LANNING: Is that the emergency
8 director? This is Wayne Lanning (phonetic) at the
9 IRC.

10 MR. HOFFNER: Yes, this is Bill Hoffner
11 (phonetic). I'm the Director of Station Emergency
12 Operations. I also Dave Dobson (phonetic) and Steve
13 Scase (phonetic) in here with me.

14 MR. LANNING: Okay, Bill.

15 We just got briefed by John Ryan regarding
16 plant conditions. I'd be interested in a couple of
17 strategies on your part. The first, what is your plan
18 going forth?

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

25 MR. LANNING: Okay. Can you tell me, I

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1 understand that you are still in the alert status.

2 MR. HOFFNER: That is correct, Wayne.

3 MR. LANNING: Can you share with me what
4 some of the parameters are that would permit you to
5 exit that EAL?

6 MR. HOFFNER: Steam safety is go. What
7 we're looking right now is to get the plant starting
8 to cool down. We are looking at containment pressure
9 right now because we lost cooling water to
10 containment, the pressure is just slightly above tech
11 spec pressure. So once we begin the cool down and we
12 get containment pressure back in spec. We're already
13 reviewing our termination checklist right now. So we
14 would expect later this afternoon to be able to
15 terminate.

16 MR. LANNING: Can you expand upon the
17 reasons for the loss of containment cooling? That's
18 new information to us.

19 MR. HOFFNER: Containment, it's actually
20 a chill water system. And that's a nonsafety system
21 that post action it isolates -- chiller portion. And
22 so we've reset that and we've reinitiated it.

23 MR. LANNING: Thank you for that. I
24 understand you reinitiated chill water containment
25 cooling?

1 MR. PARTICIPANT: (Inaudible)

2 MR. LANNING: Bill, could you confirm for
3 us conditions inside containment in terms of
4 temperature and humidity, for example?

5 MR. HOFFNER: I would have to get that
6 data, Wayne. We've had no reports of any indication
7 that, other than from the loss of coolant, any
8 indication of any leakage or anything like that, if
9 that's -- if that's what the questions are heading
10 towards. Because right now it's solely a loss of
11 coolant that's caused the pressure to go up.

12 MR. LANNING: That's the question.

13 MR. HOFFNER: The other -- right. We do
14 have a small amount of leakage going through either
15 one of the PORVs or safety that's going into the PRT,
16 primary relief tank. We have been pumping that down.
17 So the pressure -- primary relief tank, PRT, is
18 intact.

19 MR. LANNING: Bill, I understand that your
20 two block valves for the PORVs are still open, is that
21 correct?

22 MR. HOFFNER: They are still open. We were
23 going to go and cycle them to see if that could stop
24 the leakage. What we have is we have three safeties
25 and two PRVs and they all come into a common line. So

1 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 a packing leak in the auxiliary building from
6 the charging system. Is that correct and does that
7 constitute a release?

8 MR. HOFFNER: We did have a confirmed
9 leak, a packing leak off the charging lines. The
10 charging line that leaked is not a normal flow path
11 line. Following the safety injection they released to
12 the charging pumps, got a line back to our alternate
13 F8 (phonetic). The valve that leaked was on this line
14 and the line has been isolated.

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

21 Wayne, did you receive that?

22 MR. LANNING: That's affirmative. I did
23 receive that.

24 I also understand that you have no
25 airborne alarms or elevated levels?

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

4 MR. LANNING: Okay. I understand you have
5 no indication or trends in rad releases. Okay. Stand
6 by. All right.

7 Bill, thank you for your briefing.
8 Anything else you want to add?

9 MR. HOFFNER: Call John Ryan and I can get
10 back on the line with you, okay?

11 MR. LANNING: You were breaking up. Say
12 again.

13 MR. HOFFNER: Said if you guys need any
14 further questions, you can call John Ryan and and he's
15 on ops net and he can arrange for me to get back on
16 the phone with you.

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

19 MR. HOFFNER: Press is going through --
20 we've activated chief tech support, Grossman in
21 Hartford (phonetic) and they're handling the press
22 release up here. We've had none directly into the
23 EOF.

24 MR. LANNING: You had no press inquiries,
25 is that what you said?

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1 MR. HOFFNER: In Hartford. We've had none
2 at our EOF facility.

3 MR. LANNING: Okay. All right. Thank
4 you, Bill, for your brief.

5 Duty Officer, are you on line? Headquarter
6 Duty Officer?

7 MR. PARTICIPANT: Hey, Jim -- I mean
8 Wayne?

9 MR. LANNING: Yes. Wayne here.

10 MR. HOFFNER: Do you need me on the line
11 anymore or can I go?

12 MR. LANNING: I'm sorry, who is that?

13 MR. HOFFNER: Duty Officer at Millstone.
14 Do you need us on line anymore?

15 MR. LANNING: I still didn't catch the
16 name. Say again.

17 MR. PARTICIPANT: Hey, Wayne. This is Max.
18 That was Bill Hoffner. He's the operations manager.

19 MR. LANNING: We need to maintain
20 communications with Mr. Ryan.

21 MR. RYAN: This is Mr. Ryan. I'm on the
22 line.

23 MR. LANNING: Okay. John, we're going to
24 separate these communications bridges here in
25 headquarters.

1 MR. PARTICIPANT: Okay. This is the
2 headquarters operations officer. You want all the
3 bridges separated out or do you want the ET briefing
4 bridge to still remain connected to the counterpart
5 link.

6 MR. LANNING: Separate the emergency
7 notification bridge out from the management and
8 reactor safety bridge.

9 MR. PARTICIPANT: I'm disconnecting them
10 now. Is the licensee still on the bridge?

11 MR. PARTICIPANT: This is Millstone
12 Station on the bridge.

13 MR. PARTICIPANT: I understand.

14 MR. PARTICIPANT: Millstone, this is NRC
15 Region I.

16 MR. PARTICIPANT: This is Millstone.

17 MR. PARTICIPANT: John, I'm just doing a
18 communication checks, just making sure you and I are
19 still talking.

20 MR. LANNING: Understand.

21 MR. PARTICIPANT: I'm going to do a
22 release, turn it over to Kevin Bingl.

23 MR. LANNING: Okay.

24 MR. PARTICIPANT: So I'll let you know
25 when I'm going off the line. (Inaudible). Understand?

1 MR. LANNING: Understand.

2 MR. PARTICIPANT: Okay. I'm not going off
3 line for probably another five minutes.

4 MR. LANNING: Okay.

5 MR. PARTICIPANT: Millstone, this is NRC
6 Region I.

7 MR. RYAN: NRC Region I this is John Ryan.
8 Larry?

9 MR. PARTICIPANT: Yes, John. I just --
10 I'm doing a communications check. I got dropped off
11 and I just came back on.

12 MR. RYAN: Right. And I've been trying to
13 call you.

14 MR. PARTICIPANT: Okay.

15 MR. RYAN: I have the four hour
16 notification form that needs to be sent to the NRC.

17 MR. PARTICIPANT: Okay.

18 MR. RYAN: And I was wondering, should we
19 fax that to you?

20 MR. PARTICIPANT: Yes. But I think you
21 still got to tell the headquarter's duty officer.

22 MR. RYAN: Right. Through the normal
23 reporting event.

24 MR. PARTICIPANT: Right.

25 MR. RYAN: Okay. So that would be the

1 regular duty officer?

2 MR. PARTICIPANT: Right.

3 MR. RYAN: Okay.

4 MR. PARTICIPANT: But if you want to fax
5 me a copy of it, that would be great, too.

6 MR. PARTICIPANT: Okay. Then I'm not
7 going to put down the notification time when I'm
8 talking to you. I'll make sure that that duty officer
9 gets that.

10 MR. PARTICIPANT: Okay.

11 MR. RYAN: Okay. Do you know who that is?

12 MR. PARTICIPANT: No, I don't. I'll find
13 out. But we will fax it to you after we get it to him,
14 okay?

15 MR. PARTICIPANT: I appreciate that.

16 MR. RYAN: Okay.

17 MR. PARTICIPANT: Thank you.

18 MR. PARTICIPANT: Region I, this is
19 Millstone.

20 MR. RYAN: This is Region I. Larry, this
21 is John Ryan. I'm be shifting phones with Kevin
22 Bingl. And Kevin will be the manager (Inaudible)

23 MR. PARTICIPANT: Okay. I understand
24 you're shifting to -- what's his first name?

25 MR. RYAN: Kevin.

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1 MR. PARTICIPANT: Kevin. Okay.

2 MR. RYAN: Bingl. B-I-N-G-L.

3 MR. PARTICIPANT: Okay.

4 MR. RYAN: Okay.

5 MR. PARTICIPANT: Thank you.

6 MR. RYAN: So we'll be off the line in a
7 minute.

8 MR. PARTICIPANT: I understand.

9 MR. RYAN: And I'll have him do a
10 communicate check once he's back on.

11 MR. PARTICIPANT: Okay.

12 MR. RYAN: Thanks.

13 MR. RYAN: Okay.

14 MR. BINGL: Larry Doerflein from Region I.
15 Kevin Bingl, Millstone Station. And a communicate
16 phone check.

17 MR. DOERFLEIN: Yes. Kevin, this Larry
18 Dorf in Region I. And I hear you. Loud and clear.

19 MR. BINGL: You hear me loud and clear.
20 I hear you also loud and clear.

21 So I have relieved John Ryan (Inaudible).

22 MR. DOERFLEIN: I understand you have
23 relieved John Ryan.

24 MR. BINGL: That is correct.

25 MR. DOERFLEIN: All right. Thank you.

1 Millstone, this is NRC Region I.

2 MR. BINGL: To Region I, Millstone.

3 MR. DOERFLEIN: Hey, Kevin, one of the
4 questions that came up during the status brief dealt
5 with sampling the steam generators, and at that time
6 we were told that three of them were sampled and they
7 were still sampling delta.

8 MR. BINGL: That's correct.

9 MR. DOERFLEIN: My management is
10 interested in those results when they come in.

11 MR. BINGL: Larry, I'll get you an update
12 of the sample for delta steam generator.

13 MR. DOERFLEIN: Good enough. All right.
14 Thank you.

15 MR. BINGL: Larry, this Kevin, Millstone
16 Station.

17 MR. DOERFLEIN: This is NRC Region I.

18 MR. BINGL: Yes. Larry, you have received
19 the report that had sampled alpha bravo charlie with
20 no (Inaudible) activity, is that correct?

21 MR. DOERFLEIN: Correct.

22 MR. BINGL: The sample flow path was
23 isolated prior to drawing a sample from delta. They
24 have since been working to establish a sample flow
25 path.

1 MR. DOERFLEIN: You're breaking up a
2 little bit. Do I understand you have not sampled
3 delta?

4 MR. BINGL: That's correct.

5 MR. DOERFLEIN: Okay. So sample will be
6 started or something?

7 MR. BINGL: Yes.

8 MR. DOERFLEIN: All right. Thank you.
9 When you do get the results, just pass them on please.

10 MR. BINGL: I will pass down the results
11 of all four steam generators. All four being re-
12 sampled.

13 MR. DOERFLEIN: But the other three were
14 sampled?

15 MR. BINGL: The other three were sampled
16 less than minimum detectable activity, unfortunately
17 they didn't get a sample on delta.

18 MR. DOERFLEIN: Understand. Thank you.

19 Millstone, this is Region I.

20 MR. BINGL: Go ahead, Region I. This is
21 Millstone.

22 MR. DOERFLEIN: Yes. Kevin, this is Larry
23 Dorf. Is there -- while you're still sampling the D
24 stream-- the delta steam generator, do you have any
25 other information on it that would lead one to believe

1 that there's not an issue there like any rad --
2 blowdown rad level monitors or maybe the N16
3 (phonetic) monitors before the event; is there
4 anything else that would indicate that there's nothing
5 abnormal with that generator prior to getting the
6 sample?

7 MR. BINGL: You want to know if there was
8 any indication of primary secondary leakage on delta
9 or any steam generator or blowdown rad monitors, or
10 the 16 alarm prior to the event?

11 MR. DOERFLEIN: Right.

12 MR. BINGL: I believe -- I don't know.
13 I've seen the reports and there's no unusual rise in
14 any rad monitors, but before I answer that question
15 let me verify that.

16 MR. DOERFLEIN: Okay. Thank you.

17 Millstone, this is NRC Region I.

18 MR. BINGL: Go ahead, Region I.
19 Millstone.

20 MR. DOERFLEIN: Kevin?

21 MR. BINGL: Yes.

22 MR. DOERFLEIN: I've been requested by my
23 management to get another status update. I know Ryan
24 -- Mr. Ryan started the last one about an hour ago.
25 And I know the ED eventually got on the bridge and

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1 finished it. I don't know who that would be. Probably
2 the ED, probably be the person, Mr. Ray Hoffner
3 (phonetic), I guess it is.

4 MR. BINGL: Bill Hoffner?

5 MR. DOERFLEIN: Bill. If he's available,
6 say in the next five to ten minutes, just to give us
7 a current update on status, we'd appreciate it.

8 MR. BINGL: You'd like an update from the
9 emergency director.

10 MR. DOERFLEIN: Yes, if he's available.

11 MR. BINGL: Okay. And in a 10 + 0 minute
12 time frame?

13 MR. DOERFLEIN: Yes.

14 MR. BINGL: For an update on the bridge.
15 Which bridge would that be?

16 MR. DOERFLEIN: Yes. We're not going to
17 try to connect the bridges again because that caused
18 some confusion.

19 MR. BINGL: Yes.

20 MR. DOERFLEIN: If he just call into our
21 ops center and ask for the management bridge, that
22 would do it.

23 MR. BINGL: Call into the ops -- the
24 management bridge did you say?

25 MR. DOERFLEIN: Yes.

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1 MR. BINGL: I'll pass along that request.

2 MR. DOERFLEIN: Okay. If he can't do it,
3 maybe -- maybe you can do it. I don't know.

4 But another question came up also that
5 maybe would be able to be addressed in the next five
6 to ten minutes, I don't know.

7 The MSI, are you able to reset that signal
8 or is there something preventing you from opening
9 MSIVs and cooling down.

10 MR. BINGL: The question is are we able to
11 reset the MSI signal or to open MSIVs to the flow path
12 (Inaudible) -- hello.

13 MR. DOERFLEIN: Yes.

14 MR. BINGL: The question was confirm the
15 MSI, are we able to reset MSI or to open the MSIVs to
16 perform the cool down --

17 MR. DOERFLEIN: Well, I'm not saying it's
18 a preferred method. Maybe your procedures direct you
19 to do something else.

20 MR. BINGL: Yes.

21 MR. DOERFLEIN: But it seems like -- it
22 seems like for some reason you haven't been able to
23 reset the MSI, and I don't know if that's valid or
24 that's just the way your procedures direct you to
25 keep operating.

1 MR. BINGL: I'll find out.

2 MR. DOERFLEIN: All right. Thank you.

3 MR. BINGL: Region I, Larry, this is
4 Millstone.

5 MR. DOERFLEIN: This is Region I.

6 MR. BINGL: Yes. Larry, one of your
7 questions prior to the event would indicate the
8 primary and secondary leakage from N16 to blow down.

9 MR. DOERFLEIN: Right.

10 MR. BINGL: And the answer is no. Our
11 (Inaudible).

12 MR. DOERFLEIN: Okay. Thank you.

13 MR. BINGL: Okay. Hey, Larry?

14 MR. DOERFLEIN: Yes.

15 MR. BINGL: Bill Hoffner (Inaudible) speak
16 with you.

17 MR. DOERFLEIN: I'm sorry, you were cut
18 out.

19 MR. BINGL: The Director of Station
20 Emergency Operations is Bill Hoffner. He has accepted
21 that request to contact your ops center on the
22 management bridge.

23 MR. DOERFLEIN: Okay.

24 MR. BINGL: In ten or 15 minutes.

25 MR. DOERFLEIN: Okay. Thank you.

1 MR. BINGL: You're welcome.

2 MR. DOERFLEIN: NRC Region I.

3 MR. BINGL: Larry, this is Kevin. The NRC
4 event notification?

5 MR. DOERFLEIN: Yes.

6 MR. BINGL: Was faxed at 1342.

7 MR. DOERFLEIN: Okay. And they also
8 requested at that time event notification form and all
9 the previous incident report forms and updates. Would
10 you like a copy of everything that was sent faxed to
11 you?

12 MR. DOERFLEIN: Yes, please.

13 MR. BINGL: You would like a copy of that
14 fax.

15 MR. DOERFLEIN: Yes. When you say it was
16 already faxed, you're talking to the headquarters duty
17 officer, right? The NRC headquarters?

18 MR. BINGL: Yes. The NRC operations
19 center.

20 MR. DOERFLEIN: Right. Right. I'm sorry.

21 MR. BINGL: I'm going to fax just as is.

22 MR. DOERFLEIN: Okay.

23 MR. BINGL: It actually shows like two
24 other faxes, cover sheets and everything.

25 MR. DOERFLEIN: That's fine.

1 MR. BINGL: You know, it's going to come
2 out with the complete history.

3 MR. DOERFLEIN: I'll understand.

4 MR. BINGL: Okay?

5 MR. DOERFLEIN: All right. Thank you,
6 Kevin.

7 MR. BINGL: Larry, Kevin.

8 MR. DOERFLEIN: Yes, this is Larry Dorf.

9 MR. BINGL: Larry, Bill Hoffner, he's
10 asking which number specifically to call because he
11 hasn't been able to get through.

12 MR. DOERFLEIN: He has to call -- what's
13 the number to get on the bridge?

14 MR. PARTICIPANT: Okay.

15 MR. DOERFLEIN: Hey, Kevin? Kevin?

16 MR. BINGL: Yes, Larry.

17 MR. DOERFLEIN: Yes, this Larry Dorf.

18 I think he's on the line already. In
19 fact, I was just told he's getting to brief them.

20 MR. BINGL: Okay. He looks like he's on
21 the line.

22 MR. DOERFLEIN: Yes.

23 MR. BINGL: Okay.

24 MR. DOERFLEIN: All right.

25 MR. BINGL: Yes. It looks like, I can see

1 he's talking to somebody. So he hooked up.

2 MR. DOERFLEIN: Okay. Sorry about the
3 confusion.

4 MR. BINGL: Region I this is Millstone
5 Station. Larry, you on the line?

6 MR. DOERFLEIN: This is Region I.

7 MR. BINGL: Larry, I have posed your
8 question on the MSI and are we able to reset it or are
9 we going to reset open MSIV's and such for cool down?

10 MR. DOERFLEIN: Right.

11 MR. BINGL: No, there's no plan on even
12 attempting a reset of MSI at this time.

13 MR. DOERFLEIN: Okay. And that's just
14 because -- I don't know if you know, but is that just
15 because you don't know what caused it to begin with?

16 MR. BINGL: Yes. Correct.

17 MR. DOERFLEIN: Okay.

18 MR. BINGL: And there are some indications
19 that that MSI signal may still be present.

20 MR. DOERFLEIN: Okay.

21 MR. BINGL: So we're -- there's going to
22 be no attempt to reset the MSI.

23 MR. DOERFLEIN: Okay. I understand.
24 Okay, Kevin. Thank you.

25 MR. BINGL: You're welcome.

1 MR. DOERFLEIN: Millstone, this is NRC
2 Region I. Region I to Millstone. Hey, Kevin, this is
3 Larry.

4 MR. BINGL: Yes.

5 MR. DOERFLEIN: We're still interested in
6 the steam generator sample results. I guess you still
7 haven't gotten D?

8 MR. BINGL: Now I knew you were going to
9 ask, because I still see that I haven't gotten back to
10 you. I did ask again for an update about ten or 15
11 minutes. It's time to prompt that question again.

12 MR. DOERFLEIN: Okay. So you're still
13 pursuing that?

14 MR. BINGL: Yes. Let me get you an update
15 on that.

16 MR. DOERFLEIN: Okay. But there's a
17 follow on question.

18 MR. BINGL: Okay.

19 MR. DOERFLEIN: Because we've also heard
20 through one of the channels that the sample results
21 from A may not be that good. Now I'm not sure what
22 that means. But you might want to repursue, that
23 we're happy with the samples from the other three
24 generators.

25 And just a follow up question for me,

1 because I'm looking at the ERDS data. It looks like
2 your only feeding the D steam generator. Do you know
3 what the status is of the ADBs (phonetic) and are you
4 cooling down on all four generators or just the D?

5 MR. BINGL: I have to look into that,
6 Larry.

7 MR. DOERFLEIN: Okay.

8 MR. BINGL: One question, through other
9 communication channels we have had word that the alpha
10 steam generator sample was --

11 MR. DOERFLEIN: Well, I heard the word
12 "suspect" for some reason. I don't know have anymore
13 details on that.

14 MR. BINGL: Right. So along with that,
15 I'll follow up on the samples.

16 MR. DOERFLEIN: Okay, Kevin. Thank you.

17 MR. BINGL: Another question is involving
18 -- what was it again? Oh, yes. The delta steam
19 generator we say it appears that we're only feeding
20 the delta?

21 MR. DOERFLEIN: Right. Yes, I'm getting
22 off their ERDS data. And I'm just -- that's just a
23 curiosity question. I'm just trying to verify my ERDS
24 is telling me the right stuff.

25 MR. BINGL: Okay. Let me take a look, and

1 I'll get back to you.

2 MR. DOERFLEIN: All right. Thank you.

3 MR. BINGL: Region I, Millstone. Larry,
4 you there?

5 MR. DOERFLEIN: Yes, this is Region I.

6 MR. BINGL: Larry, this is Kevin. Getting
7 back to you on that question on the alpha steam
8 generator sample.

9 MR. DOERFLEIN: Yes.

10 MR. BINGL: I do have something on that.
11 As again, the original report was we sampled alpha,
12 bravo, charlie with less than minimum detectable
13 activity.

14 MR. DOERFLEIN: Right.

15 MR. BINGL: There is concern that we did
16 not get a representative sample of the alpha steam
17 generator. I'll have more details on that. Other
18 than that, there was concern that we didn't get a
19 representative sample. And, again, all I have as far
20 as there is an effort to resample all four steam
21 generators. I haven't heard back.

22 MR. DOERFLEIN: Okay. Is that it?

23 MR. BINGL: Yes.

24 MR. DOERFLEIN: All right. Thanks, Kevin.

25 MR. BINGL: And I'm going to try to work

1 with you on that other -- the delta steam generator
2 issue there. Have you seen anything else that
3 concerns you?

4 MR. DOERFLEIN: No. That's it right now.

5 MR. BINGL: Okay. I'll work on that one.

6 MR. DOERFLEIN: Okay. Thank you.

7 MR. BINGL: You're welcome.

8 NRC Region I, this is the Millstone
9 Station. Larry, are you there?

10 MR. DOERFLEIN: This is NRC Region I.

11 MR. BINGL: Larry, on your concerns for
12 what we've seen on ERDS on the delta steam generator -
13 do you still have those indications?

14 MR. DOERFLEIN: Actually, yes we still
15 have the indication that only D is being fed, but
16 there looks like something else is going on right now
17 we don't understand. We got pressure dropping like a
18 rock and pressurizer level and charging flow going up.
19 I believe --

20 MR. BINGL: I was just listening in here
21 on the briefing here at the emergency operations
22 facility that the plant (Inaudible) has started their
23 controlled cool down.

24 MR. DOERFLEIN: Okay.

25 MR. BINGL: That would be a normal

1 response, I believe, for that but I'll give you an
2 update on that in a little bit.

3 MR. DOERFLEIN: Okay.

4 MR. BINGL: As far as what I'm seeing, I
5 haven't checked with anybody else (Inaudible) the
6 delta steam generator I'm seeing similar steam or feed
7 flows to three out of four steam generators.

8 MR. DOERFLEIN: Okay.

9 MR. BINGL: Even four and steam flows
10 appear the same. Steam generator pressures --

11 MR. DOERFLEIN: Okay. There must be a
12 glitch in the data again, but you are feeding on four,
13 at least three out of the four?

14 MR. BINGL: Yes. I mean, it's very low
15 feed flow, though.

16 MR. DOERFLEIN: Okay.

17 MR. BINGL: The scales I'm looking are
18 thousands of pounds mass per hour, so these are in the
19 range of approximately a 100, but it's consistent
20 between the four.

21 MR. DOERFLEIN: Okay. All right.

22 MR. BINGL: You need me to check on that?

23 MR. DOERFLEIN: No, no, no. That -- we'll
24 follow up that later. I just -- it's just nice to
25 know that the indication is not exactly right here.

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1 But okay. Thanks, Kevin.

2 MR. BINGL: You're welcome.

3 Region I this is Millstone Station.

4 MR. DOERFLEIN: NRC Region I.

5 MR. BINGL: Yes. Getting back to that
6 indication we're seeing on number four, the delta
7 steam generator. I am going to pursue a little more
8 because that was based on my own information
9 indication here.

10 MR. DOERFLEIN: Okay.

11 MR. BINGL: I did find a steam where aux
12 feed shows much higher on the number four versus the
13 other three.

14 MR. DOERFLEIN: Right.

15 MR. BINGL: So I'm going to follow up with
16 that question why that is.

17 MR. DOERFLEIN: Okay. All right.

18 MR. BINGL: All right?

19 MR. DOERFLEIN: Thank you, Kevin.

20 Region I, Millstone Station. Larry here.

21 MR. BINGL: Hey, Larry. I have confirmed
22 that response you saw that's on RCS pressure was a
23 controlled depressurization of RCS in preparation for
24 initiating the cool down.

25 MR. DOERFLEIN: Okay. I understand.

1 MR. BINGL: All right. And we're still
2 looking at that number four. Because I see it also,
3 we're feeding number four.

4 MR. DOERFLEIN: Okay.

5 MR. BINGL: (Inaudible) hundred gallons a
6 minute while most going to the other ones are 25
7 gallons per minute.

8 MR. DOERFLEIN: Okay. And steam generator
9 samples are still in progress, I guess.

10 MR. BINGL: Still in progress and still
11 waiting, yes.

12 MR. DOERFLEIN: Okay. Thank you.

13 MR. BINGL: Region I, Millstone Station.

14 MR. DOERFLEIN: This is Region I.

15 MR. BINGL: Yes, Larry. As far as the aux
16 feed indications for the delta steam generator?

17 MR. DOERFLEIN: Right.

18 MR. BINGL: Control room was using the
19 delta steam generator as the controlling steam
20 generator, meaning going from its atmospheric dump
21 valve and feeding it. That may be changing now that
22 the cool down is in progress.

23 MR. DOERFLEIN: Okay.

24 MR. BINGL: But those indications were
25 consistent with the (Inaudible)

1 MR. DOERFLEIN: So the indications are
2 probably
3 more accurate than not?

4 MR. BINGL: Yes.

5 MR. DOERFLEIN: Okay. We just noticed
6 something different on this delta steam generator. We
7 just saw the pressure go bottoming out or start
8 heading down. Is there a reason for that, do you
9 know?

10 MR. BINGL: Yes. They started the cool
11 down and we're really starting it on the delta, but I
12 believe they're shifting that now to probably steaming
13 more on the alpha steam generator.

14 MR. DOERFLEIN: Okay. All right. Thanks
15 a lot, Kevin.

16 MR. BINGL: We started to cool down delta
17 and it may be shifting towards alpha presently.

18 MR. DOERFLEIN: Okay. Understand. Thank
19 you.

20 MR. BINGL: You're welcome.
21 Region I, Millstone Station.

22 MR. DOERFLEIN: Region I.

23 MR. BINGL: Larry, this is Kevin. Would
24 it be okay if I go off line for, say, five to ten
25 minutes for a biobreak. We could put somebody else on

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1 the phone if you want.

2 MR. DOERFLEIN: All right. Just ten
3 minutes? All right.

4 MR. BINGL: Yes. I'll be back on the line
5 before 1525.

6 MR. DOERFLEIN: Okay. Understand you'll
7 be off line for 10 minutes.

8 MR. BINGL: What time do you have?

9 MR. DOERFLEIN: I have 1518 right now.

10 MR. BINGL: 1518? Okay. I have 1515.

11 MR. DOERFLEIN: All right.

12 MR. BINGL: All right. Going off line. Be
13 right back.

14 MR. DOERFLEIN: Okay.

15 Region I.

16 MR. BINGL: Yes, Region I. This is
17 Millstone. I'm back on the line.

18 MR. DOERFLEIN: I understand. I'm sorry
19 I left my phone keyed as I was gone. I hope that
20 wasn't a problem.

21 MR. DOERFLEIN: Oh, no. Didn't even
22 notice. Thanks.

23 MR. BINGL: All right.

24 Region I, Millstone Station.

25 MR. DOERFLEIN: This is NRC Region I.

1 MR. BINGL: Yes. Larry, Kevin. Just to
2 update on you why it's taking so long for those sample
3 results.

4 MR. DOERFLEIN: Okay.

5 MR. BINGL: In order to get representative
6 samples the crew is going to realign to normal steam
7 generator blowdown along with sample flow path. And
8 it's the reestablishing blowdown that has been taking
9 a while.

10 MR. DOERFLEIN: Okay.

11 MR. BINGL: I don't think it's
12 difficulties is with everything else going on that, we
13 need to reestablish blowdown, get the representative
14 samples, then we'll have those.

15 MR. DOERFLEIN: That's for the delta --

16 MR. BINGL: Yes, delta along with it. But
17 they're going to reestablish blowdown for all four
18 steam generators in order to get a representative
19 sample on all four.

20 MR. DOERFLEIN: Okay.

21 MR. BINGL: Including the delta.

22 MR. DOERFLEIN: All right, Kevin. Is that
23 it?

24 MR. BINGL: Yes, that's it.

25 MR. DOERFLEIN: All right. Thank you.

1 MR. BINGL: Hello?

2 MR. DOERFLEIN: Millstone, Region I.

3 MR. BINGL: Region I, this is Millstone.

4 MR. DOERFLEIN: Yes. I'm doing a
5 communications check. I dropped off again. I'm having
6 problems here. Just checking.

7 MR. BINGL: Okay.

8 MR. DOERFLEIN: Thanks.

9 Millstone, this is Region I.

10 MR. BINGL: Region I, this is Millstone.

11 Go ahead.

12 MR. DOERFLEIN: Kevin, a couple of, I
13 guess, continuing questions. The last we heard was on
14 the MSI reset that there was -- it was almost
15 voluntary, that you know, you were still looking at it
16 just to understand it before you reset it and reopened
17 the MSIVs. Is that still true? Are you
18 troubleshooting that to figure what happened? I guess
19 that's a question. You don't have to answer, you
20 could find out.

21 MR. BINGL: Yes. I would have to find
22 that one out. But I think the first two parts is yes.
23 They did not want to reset it. And I'll follow up
24 with--

25 MR. DOERFLEIN: Yes. Because we got a

1 couple of bridges here. On the other bridge they heard
2 that INC was troubleshooting it.

3 MR. BINGL: Okay.

4 MR. DOERFLEIN: And that kind of fell off.

5 The other question is steam generator
6 samples, any update on that? I know that we've talked
7 about the realigning blowdown and stuff.

8 MR. BINGL: Right.

9 MR. DOERFLEIN: But you haven't heard
10 anything back on that yet?

11 MR. BINGL: No, but it's probably about
12 time to push that button again. I know that was -- the
13 most recent briefing it's still on their list to still
14 winding up blowdown.

15 MR. DOERFLEIN: Okay.

16 MR. BINGL: So I'll ask that. (Inaudible)
17 troubleshooting the MSI?

18 MR. DOERFLEIN: Yes.

19 MR. BINGL: Want to get an update if
20 that's still happening.

21 MR. DOERFLEIN: Yes.

22 MR. BINGL: Okay. If it's update on
23 blowdown samples?

24 MR. DOERFLEIN: Right. Okay.

25 MR. BINGL: And this is unofficial, but

1 they're preparing a draft termination message, but
2 nowhere near close to coming out. Thought I'd keep
3 you the loop on that.

4 MR. DOERFLEIN: Okay. All right. Thank
5 you.

6 MR. BINGL: Okay.

7 MR. DOERFLEIN: Talk to you later.

8 MR. BINGL: Region I, this is Millstone
9 Station.

10 MR. DOERFLEIN: This is Region 1.

11 MR. BINGL: Larry, this is Kevin. I have
12 two questions for troubleshooting MSI.

13 MR. DOERFLEIN: Yes.

14 MR. BINGL: There may have been some
15 separation (Inaudible) troubleshoot for INC. There's
16 not active at this time.

17 MR. DOERFLEIN: Okay.

18 MR. BINGL: Both of these issues have been
19 about as low priority just based on our own focus for
20 the cool down.

21 MR. DOERFLEIN: Okay.

22 MR. BINGL: The update on the steam
23 generator samples, again, the blowdown restoration has
24 not been given low priority.

25 MR. DOERFLEIN: Could you repeat that

1 again, Kevin.

2 MR. BINGL: Both issues are on the low
3 priority basis including the blowdown restoration for
4 representative samples. The priority items now is
5 continuing with the plant cool down.

6 MR. DOERFLEIN: Okay.

7 MR. BINGL: I can't say that they're not
8 continuing to pursue that, but it's low priority.

9 MR. DOERFLEIN: All right.

10 MR. BINGL: Can you hear me okay?

11 MR. DOERFLEIN: Yes. I don't know if it
12 you or John that told me to make sure I understood the
13 MSI. Is there some sort of indication that there's
14 still a signal there, do you know?

15 MR. BINGL: There may be.

16 MR. DOERFLEIN: Oh, okay. You don't know.

17 MR. BINGL: I don't know for sure other
18 than (Inaudible). There was some annunciator
19 indication that the MSI condition was still active
20 postscript when everything went -- was pretty much
21 back to mostly normal that that alarm should have --

22 MR. DOERFLEIN: Okay.

23 MR. BINGL: But there was indication that
24 that MSI signal was still active.

25 MR. DOERFLEIN: Okay. That's what I

1 wanted to know. Okay. That helps. All right. Thank
2 you.

3 MR. BINGL: You're welcome.

4 Region I this is Millstone.

5 MR. DOERFLEIN: NRC Region I.

6 MR. BINGL: Okay. Were you trying to get
7 me?

8 MR. DOERFLEIN: No, I wasn't.

9 MR. BINGL: I thought I heard something.

10 MR. DOERFLEIN: Well, I heard, too. But
11 somehow I got some cross feedback from the other line
12 when I walked into the room.

13 MR. BINGL: Okay.

14 MR. DOERFLEIN: Okay. Thanks.

15 MR. RIPLEY: This is headquarter's
16 operation officer.

17 MR. PARTICIPANT: We're ready to process
18 (Inaudible).

19 MR. DOERFLEIN: This is to NRC Region 1
20 system ops center.

21 MR. PARTICIPANT: Okay. I've Bill Hoffner
22 again. I'm going to add him to the bridge if you want
23 to talk to him.

24 MR. DOERFLEIN: We're doing it mostly on
25 the management link or the reactor safety counterpart

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1 link.

2 MR. RIPLEY: Oh, okay.

3 MR. DOERFLEIN: Let me break in. They're
4 getting a brief from the (Inaudible) right now. Let
5 me see if they want to hear from Bill.

6 MR. DOERFLEIN: Headquarters ops center,
7 Region I. Duty Officer?

8 MR. GOTT: You trying to get a hold of
9 headquarter's operations manager?

10 MR. DOERFLEIN: Yes.

11 MR. GOTT: Yes, sir.

12 MR. DOERFLEIN: This is Larry Dorf in
13 Region I instant response center. I was just told that
14 the emergency director for Millstone was trying to get
15 on the bridge. And we're ready to receive him on the
16 management link, the reactor safety counterpart link.

17 MR. GOTT: Okay. We'll go ahead and put
18 him up there then.

19 MR. DOERFLEIN: Okay. Thank you.

20 MR. GOTT: Yes, sir.

21 MR. PARTICIPANT: Region I, Millstone
22 Station.

23 MR. TRAP: Yes. Is somebody on this line?

24 MR. BINGL: Yes. Larry?

25 MR. TRAP: This is Jim Trap. Larry

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1 stepped out for a minute.

2 MR. BINGL: All right. You're Region I
3 also?

4 MR. TRAP: Yes, I'm Region I. That's
5 correct.

6 MR. BINGL: I was just going to check.
7 I'm going to go off the headset for no more than ten
8 minutes.

9 MR. TRAP: Okay.

10 MR. BINGL: I'll let you know when I'm
11 back on.

12 MR. TRAP: Okay. It's dinnertime, huh?

13 MR. BINGL: Just biobreak time.

14 MR. TRAP: Very well. We'll see you in
15 ten minutes. Thank you.

16 MR. BINGL: Thank you.

17 Region 1, Millstone Station back on the
18 line. Region 1, Millstone Station, I'm back on the
19 line. Millstone Station, I'm back on the line. Are
20 you?

21 MR. TRAP: Yes. This is Jim Trap in the
22 NRC. I understand you're back.

23 MR. BINGL: That's correct, Jim.

24 MR. TRAP: All right.

25 MR. PARTICIPANT: Reactor coolant pumps A

1 and B are running so C and D are secured and the PORV
2 valve condition is that the 'A' PORV valve is still
3 closed. So they have yet to continue in the
4 troubleshooting procedure to get to a point to close
5 'B' yet. MSI signal previously reported removed but
6 not reset.

7 MR. TRAP: This is Jim Trap, Region I. Is
8 anyone on the line?

9 MR. BINGL: Jim, this is Kevin Bingl,
10 Millstone Station.

11 MR. TRAP: Hi, Kevin. We had a battery
12 that ran out of juice and I dropped off for a minute
13 there.

14 MR. BINGL: And you're back on the line?

15 MR. TRAP: Yes, I'm back on the line.
16 Thank you.

17 MR. BINGL: Region I Millstone Station.

18 MR. DOERFLEIN: Yes, this is Region I.

19 MR. BINGL: Hey, this is Jim or Larry?

20 MR. DOERFLEIN: This is Larry. Sorry.

21 MR. BINGL: Larry, this is Kevin.

22 When you sent the notification that there
23 was an NRC inspector due to arrive on station at 1900.

24 MR. DOERFLEIN: Okay.

25 MR. BINGL: We would just like a name of

1 that person so that we can --

2 MR. DOERFLEIN: Wait, and I'll be right
3 back with you.

4 MR. BINGL: I'll wait.

5 MR. DOERFLEIN: Millstone, Region I.

6 MR. BINGL: Go ahead. Millstone.

7 MR. DOERFLEIN: Yes. Kevin, it's Peter
8 Habighorst.

9 MR. BINGL: Can we start again, H-A-B.

10 MR. DOERFLEIN: H-A-B-I-G-H-O-R-S-T.

11 MR. BINGL: H-O-R-S-T. Peter Habighorst?

12 MR. DOERFLEIN: Yes. He used to be a
13 resident inspector up there, so he should --

14 MR. BINGL: I recognize the name.

15 MR. DOERFLEIN: Yes.

16 MR. BINGL: Yes. Was he a Connecticut
17 Yankee also?

18 MR. DOERFLEIN: Yes, he was.

19 MR. BINGL: Yes. That's where I remember
20 him from. Okay. Thanks, Larry.

21 MR. DOERFLEIN: Yes.

22 Millstone, this is Region I.

23 MR. BINGL: Yes, is this Larry.

24 MR. BINGL: Larry, at 1905 the station
25 emergency response organization is terminating and

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1 recovery is going through our outcome control center.

2 MR. DOERFLEIN: Okay. And you want to
3 know if you can secure the ENS line?

4 MR. BINGL: I believe that's my next step.
5 Hang on.

6 MR. DOERFLEIN: Okay.

7 MR. BINGL: Sure.

8 MR. DOERFLEIN: All right. Let me just
9 verify there's nothing else I need you for.

10 MR. BINGL: Absolutely. I'll stay on the
11 line.

12 MR. DOERFLEIN: All right.

13 Millstone, this is Region I.

14 MR. BINGL: Region I, this is Millstone.

15 (Whereupon end of ENS Bridge Tape 2 side
16 A.)

17

18

19

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21

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CERTIFICATE


This is to certify that the attached proceedings
before the United States Nuclear Regulatory Commission
in the matter of:

Name of Proceeding: Telephone Conversation at
NRC Headquarters during the
Millstone Alert Declaration
On April 17, 2005

Event Number: 41607

Location: teleconference

were held as herein appears, and that this is the
original transcript thereof for the file of the United
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