

1 UNITED STATES OF AMERICA
2 NUCLEAR REGULATORY COMMISSION

3 + + + + +

4 HEADQUARTERS OPERATIONS CENTER

5 + + + + +

6 TELEPHONE CONVERSATION(S)
7 RE MILLSTONE ALERT DECLARATION

8 OF APRIL 17, 2005

9 + + + + +

10 EVENT NO. 41607
11 ET Tape 3, Side A, 15:30-17:09

12
13
14
15
16
17
18
19
20 Information in this record was deleted
21 in accordance with the Freedom of Information
22 Act, exemptions 5
23 FOIA- 2005-0207

NEAL R. GROSS
COURT REPORTERS AND TRANSCRIBERS
1323 RHODE ISLAND AVE., N.W.
WASHINGTON, D.C. 20005-3701

P R O C E E D I N G S

10:53 a.m.

MR. PARTICIPANT: And they called down to our Simulator Center, but I don't know if that's happened or what the status of that is. We have some corporate communications people coming up to engage the media in that. But as far as I know we've only had the one CBS that's an event (Inaudible).

MR. PARTICIPANT: Do you know if you've issued another press release or not?

MR. PARTICIPANT: I know we are in the process of reviewing it, so either it's going out or we'll shortly go out to second press release.

MR. PARTICIPANT: All right.

MR. KRONEN (Phonetic): Phil Paul Kronen, (Phonetic), Region I.

MR. PARTICIPANT: Hi, Paul.

MR. KRONEN (Phonetic): Your rad monitoring system on steam generator blow down, is it fully operable and capable right now as you put blow down back in service?

MR. PARTICIPANT: There are (Inaudible) because of the problem with the sample valves, SSR 8 (Phonetic) which our rad monitor is by procedure, technically inoperable because of that sample

NEAL R. GROSS

COURT REPORTERS AND TRANSCRIBERS
1323 RHODE ISLAND AVE., N.W.
WASHINGTON, D.C. 20005-3701

1 requirement, however, that's the only reason it had
2 been inoperable because of the sample.

3 So the answer is yes, it's inoperable and
4 we're going to have to do grab samples as required
5 when we put it in service.

6 MR. KRONEN (Phonetic): Okay, will you try
7 to front load those, just in the event you do have any
8 activity in delta steam generators?

9 MR. PARTICIPANT: We're only going to do
10 the alpha and delta because we have still samples off
11 of bravo and charley, so as we put them in service,
12 we'll get the grab samples off of that.

13 MR. KRONEN (Phonetic): Okay.

14 MR. PARTICIPANT: And I think just for our
15 own time, when do you think we can expect the delta
16 steam generator analysis sample results?

17 MR. PARTICIPANT: To be honest, right now,
18 I'm not sure where they're at. I can blow them on.
19 I know Chemistry is looking at not only when we get
20 blow down, but how they'll be able to cool it, because
21 the sample off of there is not a normal path, so for
22 personal safety, we've got to make sure we have
23 adequate protection.

24 It's not going to be immediate right now,
25 they're going to be able to plug something and get the

1 sample. They have to develop a way to cool it and
2 that's why we've got the chemistry supervisor and the
3 ops supervisor working together.

4 MR. PARTICIPANT: Do you have any
5 (Inaudible) monitoring the perimeter?

6 MR. PARTICIPANT: Yes.

7 MR. PARTICIPANT: What do you have going?

8 MR. PARTICIPANT: We've engaged the
9 (Inaudible). We have -- can you hear me?

10 MR. PARTICIPANT: Yes, go ahead.

11 MR. PARTICIPANT: Can you guys still hear
12 me?

13 MR. PARTICIPANT: Yes.

14 MR. PARTICIPANT: Hello? Wayne, are you
15 still there?

16 MR. PARTICIPANT: I'm here, can you hear
17 me?

18 MR. PARTICIPANT: Hello?

19 MR. PARTICIPANT: Hello.

20 MR. PARTICIPANT: I tried to put you on
21 the speaker, but you went away.

22 MR. PARTICIPANT: Okay.

23 MR. PARTICIPANT: We have our rad
24 monitoring teams out in the field taking samples, so
25 we're at the Alert level, we're required. So they're

NEAL R. GROSS

COURT REPORTERS AND TRANSCRIBERS
1323 RHODE ISLAND AVE., N.W.
WASHINGTON, D.C. 20005-3701

1 out and they haven't seen anything at all, other than
2 normal background.

3 MR. PARTICIPANT: You faded out. Can you
4 say that again what the results are?

5 MR. PARTICIPANT: On site and off site are
6 seeing normal background indication. Nothing is
7 elevated at any -- either on site or off site.

8 MR. PARTICIPANT: Okay. Glad to hear
9 that. Anything else?

10 Okay, we thank you very much for the
11 briefing.

12 BILL HOFNER: Okay, Wayne, the next call
13 I expect is probably in the neighborhood of 45 minutes
14 once we do our evaluation and then I'll let you know
15 what our plans will be.

16 MR. PARTICIPANT: Okay.

17 MR. PARTICIPANT: Does that meet your
18 requirements?

19 MR. PARTICIPANT: That will be good. I
20 appreciate that.

21 MR. PARTICIPANT: No problem.

22 MR. PARTICIPANT: All right. Thank you.

23 MR. PARTICIPANT: Thank you.

24 (End of phone conversation.)

25 (Inaudible)

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25



(Pause.)

MR. PARTICIPANT: This is a Headquarters Operation Officer. I have Bill Huffner from Millstone who would like to brief the bridge. Can I put him on?

MR. PARTICIPANT: Yes, we're going to take about a minute and a half to have everyone ready to get briefers though, but go ahead and put him on.

MR. PARTICIPANT: I'm putting him up on the bridge now.

(Pause.)

MR. PARTICIPANT: Bill Huffner is on.

MR. PARTICIPANT: It's Randy Blough. I'm assistant to Wayne Lannigan (Phonetic), in the IRC here and Wayne's on the phone right now updating the Regional Administrator. So you've got Reactor Safety representative here and myself. So go ahead.

MR. HUFFNER: Randy, I had told Wayne I would give him an update once we decided how the cool down is going. Cool down initially was going a little slower than we wanted to, so we decided to wait until 1645 for another evaluation.

We just want to make sure that we're not

1 going to be challenged to meet the 2029 time to get to
2 hot shutdown which is Mode 4 less than 350.

3 We have right now we have established a
4 good cool down rate. We've been cooling down at
5 greater than 60 degrees per hour, so at 1645 we'll
6 discuss what it will take to get determination at that
7 point. I do have -- Wayne has told me he wants a call
8 back before we go to termination, so this is just to
9 provide the status from the last meeting we had at
10 1500.

11 MR. PARTICIPANT: What are your exit
12 criteria for the alert, Bill?

13 MR. HUFFNER: The initiating condition has
14 cleared, so that's not in place. We have a tech spec
15 required time to be in hot shutdown at 2029, so the
16 criteria here is we wanted to verify, in fact, that we
17 were not going to challenge that time, so that's
18 really the last open remaining thing is that we will
19 make that time.

20 Other than that, the cooldown looks fine.
21 We have nothing that -- we're in our normal operating
22 procedure, just the time to do the cooldown and that's
23 really the only remaining item to terminate.

24 MR. PARTICIPANT: Okay. Was there
25 anything else you wanted to provide us just now, Bill?

1 MR. HUFFNER: We are not steaming the
2 delta steam generator and we're still making efforts
3 to get a sample. We are in the process of developing
4 the procedures. That will allow us to get the sample.
5 So that was the one -- one of the open items is the
6 delta steam generator, but we are not releasing steam
7 from that steam generator.

8 MR. PARTICIPANT: Okay.

9 MR. HUFFNER: We still have no reason to
10 suspect any issues with the integrity of steam
11 generators. We just have been unable to get a sample
12 off the delta.

13 MR. PARTICIPANT: Right, okay. All right.

14 MR. HUFFNER: We also, the terry
15 (Phonetic) turbine is shutdown because it's not
16 needed, but because of that, that was another steam
17 release path from the delta steam generator that is no
18 longer in service..

19 MR. PARTICIPANT: Right, okay.

20 MR. HUFFNER: Okay?

21 MR. PARTICIPANT: All right.

22 MR. PARTICIPANT: Bill Huffner, this is
23 Silas at TSC. What's the status of the MSI signal?
24 Has that been reset or not?

25 MR. HUFFNER: When we brought the steam

1 line low pressure, the steam line isolation reset, or
2 the low pressure steam line reset.

3 MR. PARTICIPANT: (Inaudible)

4 MR. PARTICIPANT: Silas, did you get that?

5 MR. PARTICIPANT: (Inaudible)

6 MR. PARTICIPANT: Can you repeat that? We
7 thought we heard when you reach the low pressure
8 (Inaudible).

9 MR. HUFFNER: When we began our plant cool
10 down, one of the things was to block the low pressure
11 in the main steam line SI. When we blocked them, the
12 signal reset.

13 MR. PARTICIPANT: Okay.

14 MR. PARTICIPANT: Bill, I just want to
15 make (Inaudible) it clear we want you to proceed
16 safely with your cooldown and we wouldn't be
17 pressuring you to stay within that action statement if
18 the safer thing is to go out beyond the end of that
19 action statement. If you exceed the time to get to
20 hot shutdown, there's a process to deal with that. I
21 guess you would (Inaudible) unusual event and you
22 would explain it and it would be explainable.

23 MR. HUFFNER: Right. We right now, based
24 on our cool down rate, if we continue at the same
25 rate, at approximately 13 -- probably about 1830 or

1 just about two hours from now, we're right now about
2 480 degrees, so that's 130 degrees at 70 degrees. So
3 that's just under two hours we would be there.

4 So we don't believe we're going to have
5 any problem. We would like to have about two hours
6 grace and we had said about an hour and a half to
7 terminate, so we look pretty good right now as far as
8 everything is going.

9 MR. PARTICIPANT: Okay, Wayne has just
10 joined us again. I'll brief him on everything
11 (Inaudible). When should Wayne expect another update
12 from you, Bill?

13 MR. HUFFNER: We're right now going to be
14 having a briefing here in the EOF, so I would expect
15 that will go 15 minutes. So, if you give me a half
16 hour at about 1715, I'll give a call back to Wayne.

17 MR. PARTICIPANT: Okay, well, yeah, it
18 doesn't have to be that soon. It's up to you.

19 MR. HUFFNER: Well, I would like to say
20 we'll make a decision on terminating at that point.

21 MR. PARTICIPANT: Pardon?

22 MR. HUFFNER: We will make a decision
23 about terminating, so I should be ready to give Wayne
24 notification.

25 MR. PARTICIPANT: Okay, 1715 then?

1 MR. HUFFNER: 1715.

2 MR. PARTICIPANT: Thanks, Bill.

3 MR. PARTICIPANT: It's Wayne. Just a
4 quick follow up on your efforts to sample the
5 (Inaudible), the (Inaudible) steam generator?

6 MR. HUFFNER: Yes.

7 MR. PARTICIPANT: (Inaudible) Are you
8 still pursuing that?

9 MR. HUFFNER: Yes, we are, out of the EOF,
10 we're generating changes to a procedure that will
11 allow us to put blow down in off the delta and get a
12 sample. However, we're not steaming the delta until
13 we get that sample.

14 MR. PARTICIPANT: Okay. But you know,
15 historically, we would appreciate knowing the results
16 of that sample as quick as you can get it.

17 MR. HUFFNER: Right, we still have -- one
18 of our priority items is to get that sample.

19 MR. PARTICIPANT: Okay.

20 MR. HUFFNER: Right now, procedurally, we
21 have to make changes to get that alignment.

22 MR. PARTICIPANT: Okay. All right, if
23 you can keep us informed about that progress, I would
24 appreciate it.

25 MR. HUFFNER: We will continue to work

NEAL R. GROSS

COURT REPORTERS AND TRANSCRIBERS
1323 RHODE ISLAND AVE., N.W.
WASHINGTON, D.C. 20005-3701

1 towards that and as soon as we have their sample
2 results, we'll give you the information.

3 MR. PARTICIPANT: In terms of priority, I
4 guess you've got several lists. Is this low, medium
5 or high?

6 MR. HUFFNER: This is -- other than the
7 cool down, number one on the shift manager's list.

8 MR. PARTICIPANT: All right, great. Bill,
9 I thought of another thing, it's our plan here to stay
10 in the IRC until you have reached the hot shutdown and
11 established a stable cooldown after that so that even
12 if you de-escalate and we'll still be monitoring here
13 from the region.

14 MR. HUFFNER: I understand. When we
15 terminate, you'll continue to monitor until we get to
16 hot shutdown.

17 MR. PARTICIPANT: Yes, at least until
18 then.

19 MR. HUFFNER: So we'll need to keep a
20 communication link with you.

21 MR. PARTICIPANT: Yes. We'll have to
22 discuss what that will be, because I don't know what
23 your watchbill is going to look like after that.

24 MR. HUFFNER: Okay, we'll discuss then in
25 this meeting what that will look like.

NEAL R. GROSS

COURT REPORTERS AND TRANSCRIBERS
1323 RHODE ISLAND AVE., N.W.
WASHINGTON, D.C. 20005-3701

1 MR. PARTICIPANT: Okay.

2 MR. HUFFNER: I'll be back with you in a
3 half hour.

4 MR. PARTICIPANT: Thank you.

5 (Pause.)

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25