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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
ET TAPE 2, SIDE A, 13:05-14:26

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

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Ex 5

Ex 5

MR. KNOKE: Okay. Hold on.

MR. HOFFNER (phonetic): Is Millstone on
the line?

MR. LANNING (phonetic): Is this Ed
Hoffner.

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1 MR. HOFFNER (phonetic): Bill Hoffner.

2 MR. LANNING (phonetic): Hi, Bill. It's
3 Wayne Lanning at the RC in Region 1.

4 MR. HOFFNER (phonetic): Hi, Wayne.

5 MR. LANNING (phonetic): Hey, we're
6 calling to get an update and talk a little bit about
7 technical specifications, if we could.

8 MR. HOFFNER (phonetic): Okay.

9 MR. LANNING (phonetic): So could you tell
10 us what actions you have underway?

11 MR. HOFFNER (phonetic): Right now we've
12 entered our normal operating procedure for a plant
13 cool-down, 3208. We're doing the briefings on that.
14 We have verified we have adequate shutdown margin to
15 go down to 350 degrees, so very shortly we'll initiate
16 our cool-down to 350. We're continuing to inject
17 boron that will allow us then to cool down to 200
18 degrees, which is our mode five cold shutdown.

19 MR. LANNING (phonetic): Okay. Tell me
20 about what you have ongoing with regard to PRT?

21 MR. HOFFNER (phonetic): The ERT?

22 MR. LANNING (phonetic): PRT, the
23 pressurized relief tank.

24 MR. HOFFNER (phonetic): Oh, we're still
25 continuing -- we're maintaining the parameters but

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1 pumping it out, so we're able to control the pressure.
2 We're cycling -- I'll get you a number in a minute.

3 MR. LANNING (phonetic): That'll be fine.

4 MR. HOFFNER (phonetic): But we're not
5 having any problem controlling the pressure.

6 MR. LANNING (phonetic): Okay.

7 MR. HOFFNER (phonetic): So we're using
8 our normal operating procedures to pump it out.

9 MR. LANNING (phonetic): Okay. What other
10 evolutions you have ongoing?

11 MR. HOFFNER (phonetic): Right now we're
12 investigating, obviously, what the cause was, and
13 parallel with that, we're determining what the
14 criteria is to terminate, and what the organizations
15 for the recovery will look like.

16 MR. LANNING (phonetic): Would you confirm
17 for me the sample results on the four steam
18 generators?

19 MR. HOFFNER (phonetic): Hold on one
20 second. Let me get back to you. We'll get that
21 information. I will tell you the RCS samples show no
22 RCS activity increase, so I'll get the steam generator
23 for you in one second. Okay. We have an initial
24 sample on three steam generators, before they
25 isolated. Those three samples were no increase in

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1 activity, and then we went back to get another sample
2 on all four, and we're checking to see if the results
3 are back on those.

4 MR. LANNING (phonetic): Okay. Is that
5 something that you're getting as we speak?

6 MR. HOFFNER (phonetic): No, I believe we
7 already got those. Oh, I'm going to get you the
8 results. We've already gotten the samples.

9 MR. LANNING (phonetic): Okay. Good.
10 Good. Bill, I'm curious about where you are in
11 resetting SI in the main steam isolation valve logic.

12 MR. HOFFNER (phonetic): After the event
13 occurred, ES 1.1 when we met termination criteria had
14 us reset SI, so SI has been reset probably since a
15 half-hour following the event. So SI was reset. We
16 still have a main steam line isolation signal in, even
17 though there's no actuation devices calling for it, so
18 we've got INC looking at what the cause is and the
19 troubleshooting, and that is the potential cause of
20 the event, was a failure in our solid state protective
21 system. However, that has not been confirmed.

22 MR. LANNING (phonetic): Bill, are you
23 saying you have a signal for the MSIVs to remain
24 closed?

25 MR. HOFFNER (phonetic): We have a signal

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1 on main steamline isolation that affects the main
2 steamline isolations and the atmospheric dump valves.
3 Unit 3 on each generator has one atmospheric, and then
4 an atmospheric bypass valve. We are presently going
5 to cool down the atmospheric bypass valves. The
6 atmospheric valve gets a steamline isolation signal,
7 so until we would reset that signal, we can't operate
8 those valves.

9 MR. LANNING (phonetic): I understand.

10 MR. HOFFNER (phonetic): And the same,
11 until we reset it, we can't get the MSIV or the MSIV
12 bypass valves.

13 MR. LANNING (phonetic): Okay.

14 MR. HOFFNER (phonetic): Okay.

15 MR. PARTICIPANT: Is there any issues with
16 the safety release valve and completion time getting
17 to hot shutdown?

18 MR. HOFFNER (phonetic): I'm having
19 trouble hearing that.

20 MR. PARTICIPANT: Is there any issues with
21 LCO allowed outage times with the safety relief valve
22 and getting to hot standby? I just heard a rumor
23 there might be some issue with that, a tech spec
24 issue.

25 MR. HOFFNER (phonetic): We've looked at

1 that spec, and we have to be in mode four, which is
2 less than 350 degrees by 20:29 tonight.

3 MR. PARTICIPANT: And you have no problem
4 getting there on the bypass valves?

5 MR. HOFFNER (phonetic): No. We believe
6 that it will be three hours once we begin the cool-
7 down, so we would estimate that would be around 17:30
8 we should be less than 350.

9 MR. PARTICIPANT: Okay. So I guess that
10 -- we thought the tech spec was like a six plus a six,
11 six hours plus six hours.

12 MR. HOFFNER (phonetic): Right.

13 MR. PARTICIPANT: The first six hours
14 might be N/A because you already were in hot standby
15 at the end of the trip.

16 MR. HOFFNER (phonetic): Yes. We looked
17 at basis at 301, and that allowed us the additional
18 time. And we're having tech support center verify
19 that to be correct.

20 MR. LANNING (phonetic): Bill, can you
21 expand upon that? I'm not sure I follow you.

22 MR. HOFFNER (phonetic): Let me just --
23 I'm going to give you over to my license manager
24 because I've just got to find out on the cool-down.
25 Okay.

1 MR. LANNING (phonetic): Okay.

2 MR. HOFFNER (phonetic): He'll discuss
3 that with you.

4 MR. DODSON: Wayne, Dave Dodson here.

5 MR. LANNING (phonetic): Hey, Dave. It's
6 Wayne Lanning.

7 MR. DODSON: How are you?

8 MR. LANNING (phonetic): Hey, we're
9 curious about the tech spec 3.7.1.

10 MR. DODSON: Yes.

11 MR. LANNING (phonetic): It's our
12 understanding you have six hours to hot shutdown?

13 MR. DODSON: That's correct.

14 MR. LANNING (phonetic): And I'm wondering
15 if you're going to be able to make that.

16 MR. DODSON: Well, that's information I'd
17 have to get from the control room. We are in mode
18 three now.

19 MR. LANNING (phonetic): Mode three is
20 more than 350?

21 MR. DODSON: Yes.

22 MR. LANNING (phonetic): Okay.

23 MR. DODSON: Wayne, can you hang on one
24 second?

25 MR. LANNING (phonetic): Sure.

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1 MR. HOFFNER (phonetic): Hello. This is
2 Bill again.

3 MR. LANNING (phonetic): Hey, Bill.

4 MR. HOFFNER (phonetic): The question is,
5 the plant is currently in hot standby, mode three.

6 MR. LANNING (phonetic): Right.

7 MR. HOFFNER (phonetic): And we have to
8 get mode four, hot shutdown.

9 MR. LANNING (phonetic): By when?

10 MR. HOFFNER (phonetic): By 20:29, I think
11 is the official time.

12 MR. LANNING (phonetic): Oh, is that the
13 number you gave me earlier?

14 MR. HOFFNER (phonetic): Yes.

15 MR. LANNING (phonetic): So mode four,
16 which is less than 350, you're estimating at 20:29.

17 MR. HOFFNER (phonetic): No. No. That is
18 when the LCO time expires.

19 MR. LANNING (phonetic): Oh.

20 MR. HOFFNER (phonetic): We anticipate
21 once we begin the cool-down, it's about a three-hour
22 duration before we'll get to that point. So we would
23 anticipate being there by 17:30.

24 MR. LANNING (phonetic): All right. And
25 that 20:29 is the LCO time, and I guess it's based on

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1 adding up all the allowed outage times for hot
2 standby, and hot shutdown?

3 MR. HOFFNER (phonetic): That is correct.

4 MR. LANNING (phonetic): Okay.

5 MR. PARTICIPANT: We're off to see if we
6 agree that that's the right way to interpret that tech
7 spec.

8 MR. HOFFNER (phonetic): I understand
9 that.

10 MR. PARTICIPANT: I think there have been
11 other sites where we interpreted it differently.

12 MR. HOFFNER (phonetic): Okay.

13 MR. LANNING (phonetic): You were going to
14 give me the results from the steam line --

15 MR. HOFFNER (phonetic): Yes. Right now,
16 the initial samples on three of the four generators
17 were no activity, and we're still in the process of
18 obtaining and analyzing the backup samples on the four
19 generators.

20 MR. LANNING (phonetic): All right. When
21 do you expect to have those, Bill?

22 MR. HOFFNER (phonetic): I don't know that
23 yet. I'll talk to the HP when I get off this phone,
24 but we have no indication of anything else that would
25 lead us to believe we've had a barrier failure in the

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1 steam generators. All the RAD monitors pre-trip,
2 post-trip are normal, steam generator levels are
3 normal, so we'll get that. And if you want, I'll call
4 you back with the sample results.

5 MR. LANNING (phonetic): Yes, I do want
6 you to call me back. It's sort of important because
7 I understand you do have the sample for the three
8 lines, not the fourth one, and you're still steaming
9 to the atmosphere.

10 MR. HOFFNER (phonetic): Correct.

11 MR. LANNING (phonetic): So I've been told
12 that the sample results have been underway for the
13 past hour, so if you could follow up on that for me
14 and find out the status, and hopefully some results.

15 MR. HOFFNER (phonetic): Is this Wayne I'm
16 talking to?

17 MR. LANNING (phonetic): Yes, it is.

18 MR. HOFFNER (phonetic): Okay, Wayne.
19 I'll call you back when I get that result.

20 MR. LANNING (phonetic): Okay.

21 MR. HOFFNER (phonetic): Or do you want me
22 just to transfer that through the regular
23 communications?

24 MR. LANNING (phonetic): Either way.

25 MR. HOFFNER (phonetic): Okay.

1 MR. LANNING (phonetic): First available.

2 MR. HOFFNER (phonetic): No problem.

3 MR. LANNING (phonetic): Will you also be
4 -- have you considered your review of the tech specs
5 in your mind?

6 MR. HOFFNER (phonetic): As far as
7 discussing with you, or among here?

8 MR. LANNING (phonetic): Among there.

9 MR. HOFFNER (phonetic): Yes.

10 MR. LANNING (phonetic): Among your
11 experts.

12 MR. HOFFNER (phonetic): Yes.

13 MR. LANNING (phonetic): Okay. All right.
14 Well, let's speculate a second. In the unlikely event
15 you don't achieve hot shutdown, what would the next
16 action be on your part?

17 MR. HOFFNER (phonetic): If we don't
18 achieve -- if we can't achieve, it's a reportable on
19 the NOUE for failure to meet a tech spec action
20 requirement.

21 MR. LANNING (phonetic): Yes. Now would
22 you make that a UE if you were still in the alert
23 status?

24 MR. HOFFNER (phonetic): If we were in the
25 alert status, it would still be -- we would still

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1 communicate that we had an NOUE for failure to meet
2 the time.

3 MR. LANNING (phonetic): Okay. Well,
4 that's an important event for us, of course, as you
5 know.

6 MR. HOFFNER (phonetic): Right. And
7 that's why when we go through termination, we want to
8 make sure we're well on our way with the cool-down
9 before we terminate to make sure that we would not
10 have that occur.

11 MR. LANNING (phonetic): Okay. Anybody
12 else have questions? Okay, Bill. Thank you very
13 much.

14 MR. HOFFNER (phonetic): Okay. And I'll
15 back to you on the results of the steam generator
16 sample.

17 MR. LANNING (phonetic): All right.

18 MR. HOFFNER (phonetic): Thank you. Bye.

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Ex 5