

CATEGORY 2

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:9804020310 DOC.DATE: 98/03/30 NOTARIZED: NO DOCKET #
 FACIL:50-397 WPPSS Nuclear Project, Unit 2; Washington Public Powe 05000397
 AUTH.NAME AUTHOR AFFILIATION
 GWYNN,T.P. Region 4 (Post 820201)
 RECIP.NAME RECIPIENT AFFILIATION
 PARRISH,J.V. Washington Public Power Supply System

SUBJECT: Forwards, for info & use, transcribed copies of 980311
 notifications of reactor trip per 10CFR50.72.

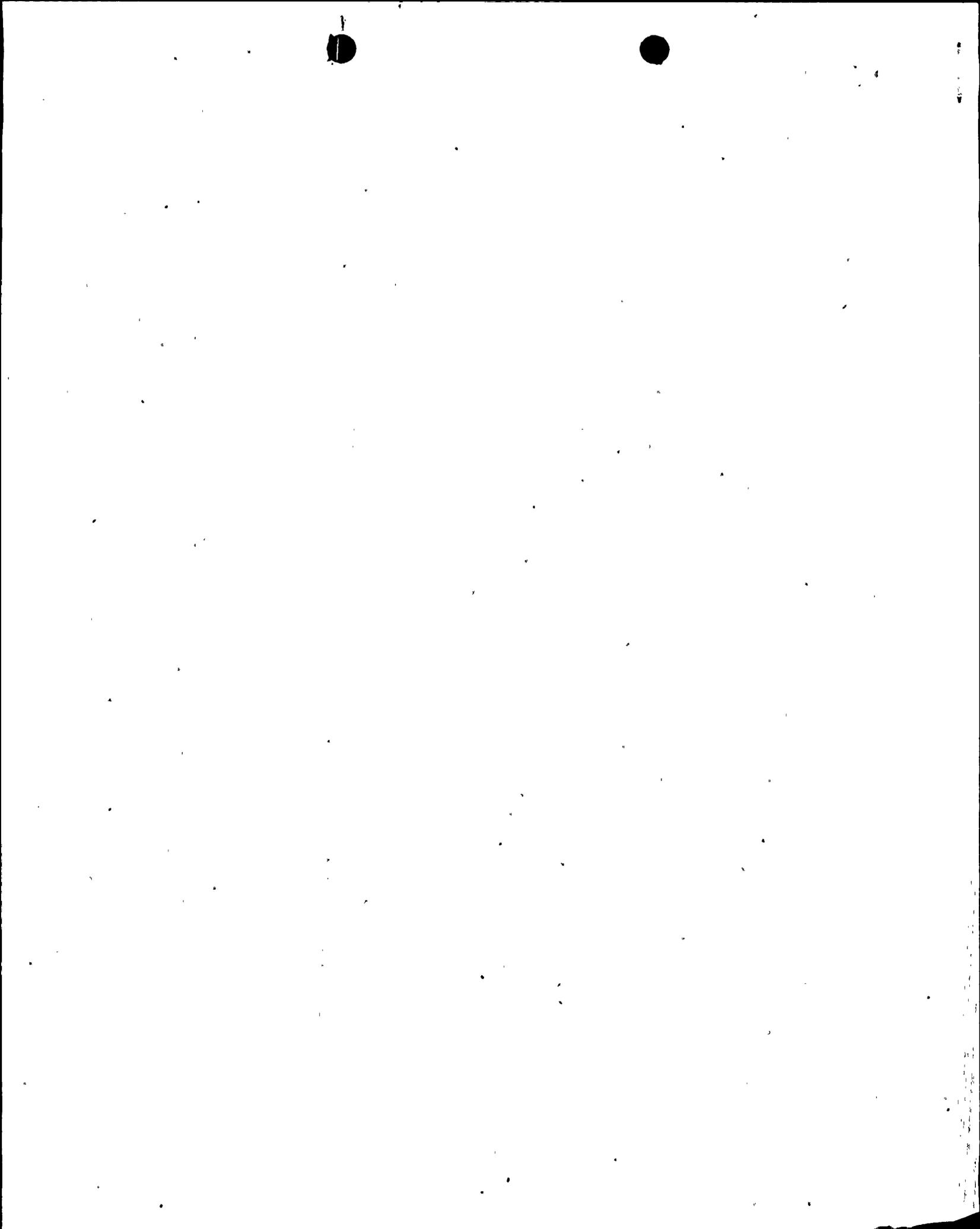
DISTRIBUTION CODE: IE51D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 41
 TITLE: File Dist for Region Document (50 DKT):Region, PDR, LPDR, NSIC

NOTES:

	RECIPIENT ID CODE/NAME	COPIES LTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTR ENCL
	POSLUSNY,C	1 1		
INTERNAL:	<u>FILE CENTER</u>	1 1	RGN4 FILE 01	1 1
EXTERNAL:	NRC PDR	1 1		

NOTE TO ALL "RIDS" RECIPIENTS:
 PLEASE HELP US TO REDUCE WASTE. TO HAVE YOUR NAME OR ORGANIZATION REMOVED FROM DISTRIBUTION LIS
 OR REDUCE THE NUMBER OF COPIES RECEIVED BY YOU OR YOUR ORGANIZATION, CONTACT THE DOCUMENT CONTR
 DESK (DCD) ON EXTENSION 415-2083

TOTAL NUMBER OF COPIES REQUIRED: LTR 4 ENCL 4





UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION IV

611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TEXAS 76011-8064

MAR 30 1998

Mr. J. V. Parrish (Mail Drop 1023)
Chief Executive Officer
Washington Public Power Supply System
P.O. Box 968
Richland, Washington 99352-0968

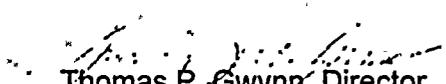
SUBJECT: TRANSCRIPTS OF 10 CFR 50.72 NOTIFICATION TO NRC

Dear Mr. Parrish:

On March 11, 1998, personnel at your Washington Nuclear Project, Unit 2 notified the NRC Headquarters Operations Officer of a reactor trip pursuant to the requirements of 10 CFR 50.72. Enclosed for your information and use are transcribed copies of the notifications. You may find the transcripts helpful in your overall assessment of the Supply System performance during this event, and to identify areas in which future communications might be improved.

Should you have any questions concerning this matter, we will be pleased to discuss them with you.

Sincerely,


Thomas P. Gwynn, Director
Division of Reactor Projects

Docket No.: 50-397
License No.: NPF-21

Enclosures:
Transcripts of 10 CFR 50.72 Notification to NRC

cc:
Chairman
Energy Facility Site Evaluation Council
P.O. Box 43172
Olympia, Washington 98504-3172

9804020310 980330
PDR ADOCK 05000397
T PDR

Mr. J. V. Parrish

-3-

MAR 30 1998

bcc to DCD (IE51)

bcc distrib. by RIV:

Regional Administrator

DRP Director

DRP Director, WCFO

Branch Chief (DRP/E, WCFO)

Senior Project Inspector (DRP/E, WCFO)

Branch Chief (DRP/TSS)

Regional Counsel

WCFO File

Resident Inspector

DRS-PSB

MIS System

RIV File

To receive copy of document, indicate in box: "C" = Copy without enclosures "E" = Copy with enclosures "N" = No copy

RIV:DRP/WCFO	C:DRP/E	RC		D:DRP		
FRHuey	HWong	WLBrown	<i>HWong</i>	TPGwynn		
3/ 198	3/ 198	3/30 198	<i>HWong 3/30/98</i>	3/30 198		

OFFICIAL RECORD COPY

Mr. J. V. Parrish

-3-

MAR 30 1998

bcc to DCD (IE51)

bcc distrib. by RIV:

Regional Administrator

DRP Director

DRP Director, WCFO

Branch Chief (DRP/E, WCFO)

Senior Project Inspector (DRP/E, WCFO)

Branch Chief (DRP/TSS)

Regional Counsel

WCFO File

Resident Inspector

DRS-PSB

MIS System

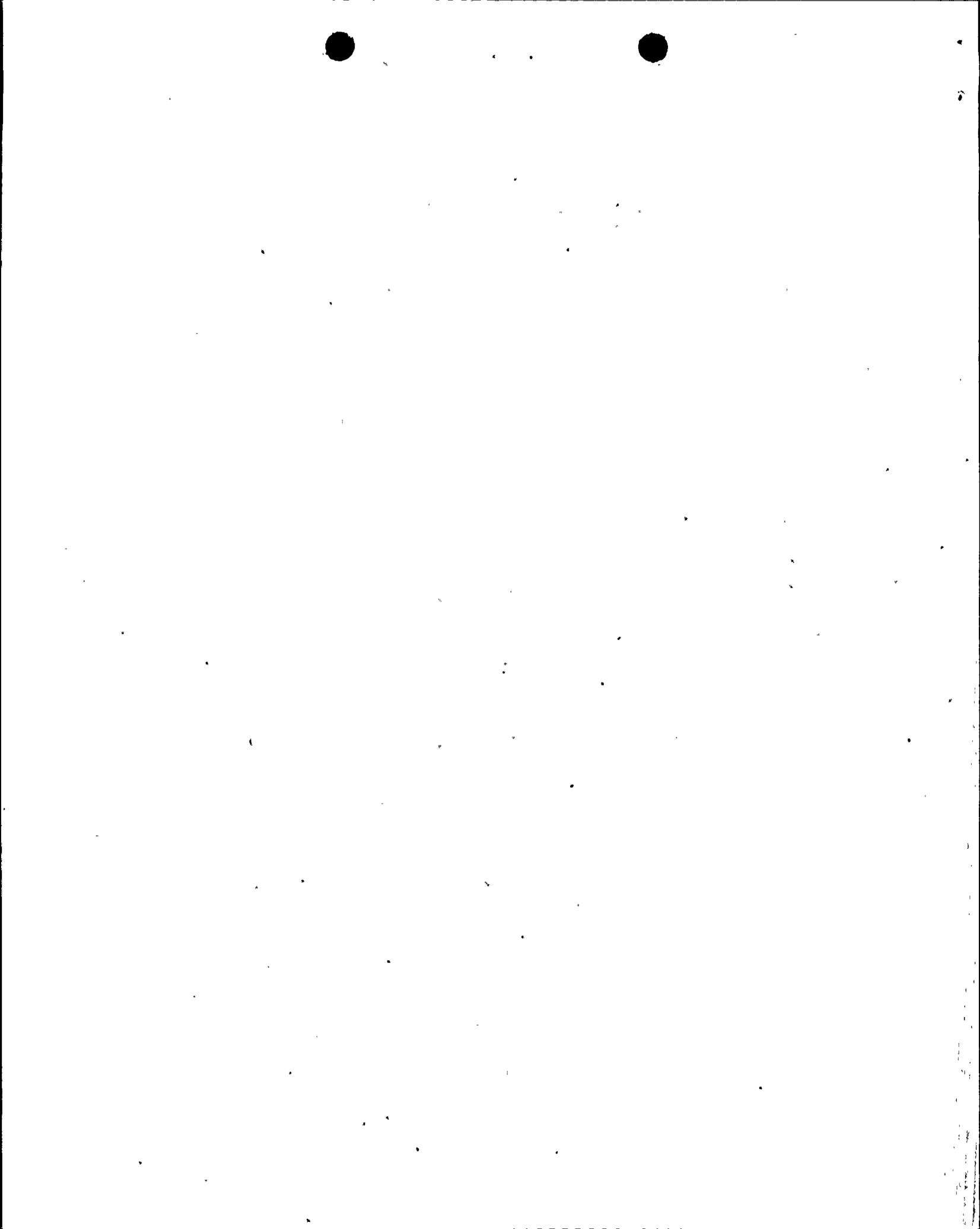
RIV File

To receive copy of document, indicate in box: "C" = Copy without enclosures "E" = Copy with enclosures "N" = No copy

RIV:DRP/WCFO	C:DRP/E	RC	D:DRP
FRHuey	HWong	WLBrown	TPGwynn
3/ 198	3/ 198	3/30 198	3/ 198

OFFICIAL RECORD COPY

00000



UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

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

- - - - -X

In the Matter of: :

TELEPHONE INTERVIEW OF :

: Case No.

(CLOSED) :

- - - - -X

U.S. Nuclear Regulatory Commission

Two White Flint North

11545 Rockville Pike

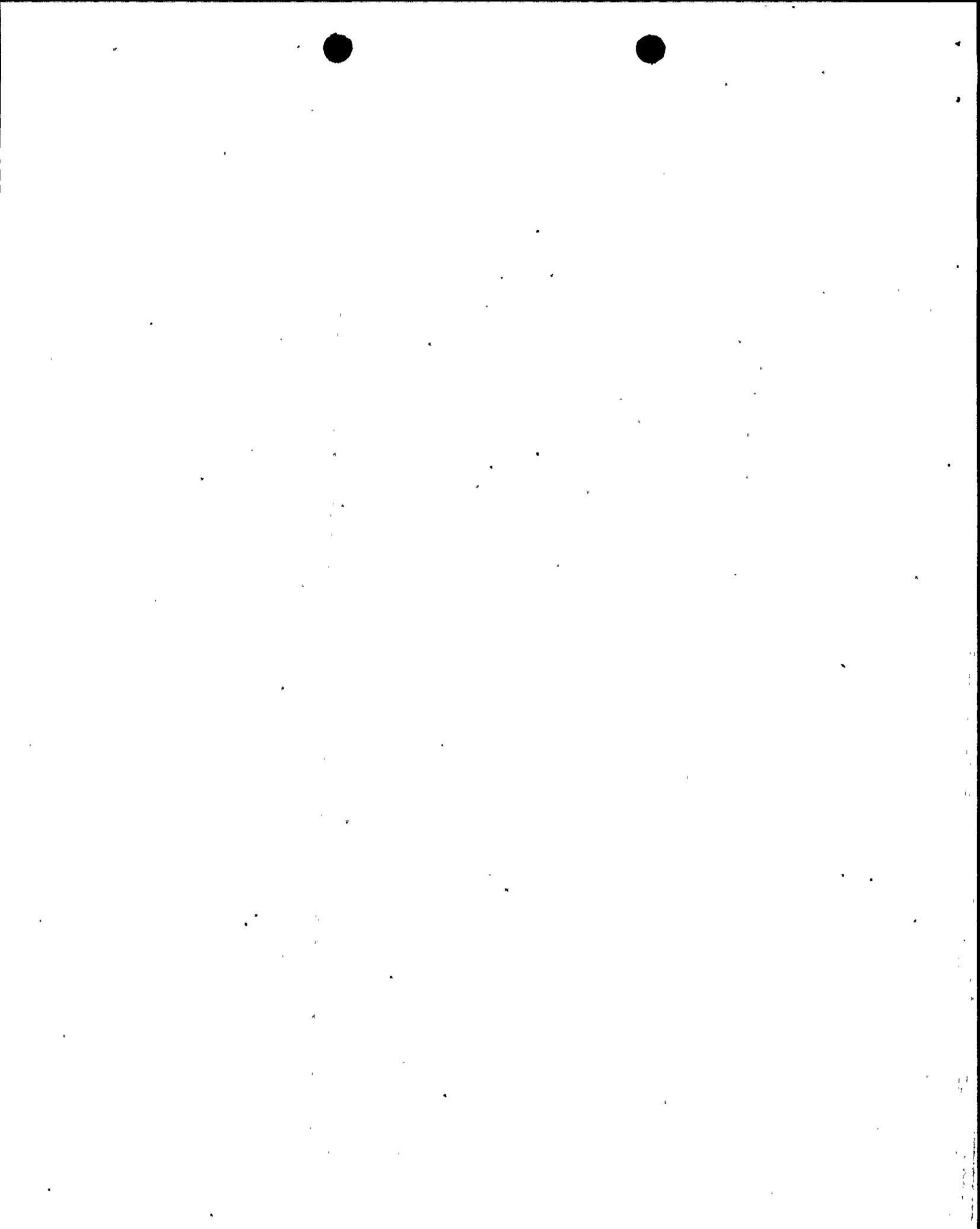
Rockville, MD 20852-2738

Wednesday, March 11, 1998

The above-entitled matter came on for telephone
interview, pursuant to notice, at 9:11 a.m.

BEFORE:

, NRC OPERATION



P R O C E E D I N G S

[9:11 a.m.]

1

2

3

: NRC Operation [inaudible].

4

: Yes, sir. This is --

5

calling from WNP2 about to make a

6

notification.

7

.: Okay, sir.

8

: You should have a fax coming through

9

at this time.

10

: Yeah, there's one coming through

11

right now. Can you hold on, please?

12

: I can hold.

13

[Pause.]

14

: Hello?

15

: Yes.

16

: Okay. I've got an event

17

notification time of 19 -- I'm sorry -- 0911.

18

: Zero-nine-eleven?

19

: Eleven. Okay. I understand this is

20

WNP2?

21

: That is correct.

22

: Okay. And your name again?

23

:

24

: Okay Okay. And I did receive a

25

one-page fax, and I need you to read this to me, please.



1 : Okay. Starting at the beginning, we
2 -- it's -- do you want me to read the description to you?

3 : Yes, please.

4 : Okay. Reactor scram apparently due
5 to a main generator trip.

6 Okay. Can you tell me, did all the
7 rods fully insert?

8 : Yes, all the rods did fully insert.

9 : Okay. Any ESF actuations associated
10 with this? Any --

11 : We did have some ESF -- we had a
12 diesel generator start due to high drywell pressure which
13 was caused by a loss of reactor [inaudible] cooling because
14 we lost power to it.

15 : Okay. Do you know why you lost
16 power to it?

17 : Yes, because of the lockout. We had
18 a lockout on the --

19 : Because of your generator lockout?

20 : That's correct.

21 : Okay. Did you lose power on
22 anything else?

23 : We -- that was -- apparently in the
24 sequence of events, we lost a [inaudible] and was able to
25 bring it back, but --

1 : Okay. Wait. All right. Let me
2 back up here a minute.
3 : Okay.
4 : You had -- you lost -- you had a --
5 you lost a main generator. .
6 : Yes, we did.
7 : Okay.. And as a result of that, of
8 course, you got a reactor scram.
9 : Uh-huh.
10 : Was your unit at 100 percent power?
11 : Yes, it was.
12 : Okay. And is it currently stable in
13 Mode 3?
14 : Yes, it is currently stable.
15 : Stable in Mode 3?
16 : In Mode 3.
17 : Okay. And you said you also lost
18 power to other things, which --
19 : Yeah. We had -- we had a lockout on
20 the bus and we were able to -- that caused a temporary power
21 loss to certain bus -- not -- certain non-vital buses that
22 -- that weren't picked up by the DGs.
23 : Okay. So did all of your diesel
24 generators start?
25 : Yes.

1 : Okay. So your diesels -- all --
2 : I believe that to be true.
3 : How many diesels do you have, sir?
4 : Three.
5 : So all three diesels started and
6 loaded?
7 : I do not know the answer to that.
8 : Okay. But your diesels started --
9 : Uh-huh.
10 : -- and I guess, you know, maybe you
11 could call me back on whether or not they loaded --
12 : Yes.
13 : -- when you get a chance.
14 : Okay. Did you have any ECCF injections, anything
15 abnormal with your reactor [inaudible] on parameters or
16 reactor scram?
17 : We didn't have anything abnormal. I
18 don't think we had any injections into the system at this
19 time.
20 : Okay. But your rods fully inserted?
21 : That is correct.
22 : Your diesels started. Are you on
23 natural circ now? Are you using recirc pumps?
24 : We're trying to get our -- I believe
25 we got our recirc pumps back



1 : Okay. But you did lose your recirc
2 pumps when you lost your generator?

3 : That is correct.

4 : Okay. Now, did you lose off-site
5 power or no?

6 : No, we did not lose off-site power.

7 : Not a loss of off-site power.

8 : That is correct.

9 : Okay. And so just the loss of the
10 generator. Were there any maintenance or surveillance
11 activities going on at the time?

12 : None at the time.

13 : Okay. So it just tripped, and at
14 this time, you're still investigating the cause?

15 : That is correct. We're kind of like
16 right in the middle of it right now.

17 : Okay. Now, do you have like an
18 auxiliary feedwater and a central feedwater system, anything
19 like that?

20 : No, we do not.

21 : Okay. So I guess what's -- what's
22 supplying water at this time? What are you using for a
23 water supply?

24 CRD

25 : Okay. So your control rod drive?

1 : Control rod drive system and RCIC.
2 : Okay.
3 : Reactor core isolation cooling.
4 : Okay. So did RCIC automatically
5 start --
6 : I don't --
7 : -- or was it a manual start?
8 : I don't know the answer to that at
9 this time. But as I said, I was just -- we were all caught
10 kind of unawares and I was kind of scrambling, getting other
11 information. [Inaudible] --
12 : Okay.
13 : -- elsewhere.
14 : Okay. But as far as flow to your
15 core, you got PRD flow and you've got RCIC providing water
16 to your core right now?
17 : That is correct.
18 : Okay. And then are you bypassing
19 steam in your condenser?
20 : No, because we are isolated due to
21 the high drywell pressure.
22 : Okay. So how are you steaming? Are
23 you dumping?
24 : Yeah, we're dumping.
25 : Dumping to atmosphere?

1 : No. No.
2 : To --
3 : To the suppression pool.
4 : Dumping to the suppression pool.
5 Okay. Okay.
6 : Yeah. We have no release at this
7 time.
8 : Okay. So there's no off-site
9 release ongoing?
10 : That is correct.
11 : Okay. Dumping in the suppression
12 pool. Okay. And you are trying at this time to get your
13 recirc pumps back, correct?
14 : That is correct.
15 : Okay. But they are -- so right now,
16 you aren't -- well, you don't know if you're in natural
17 circ?
18 : Right. I'm kind of like -- I'm
19 trying to look over everybody's shoulder right now and
20 everybody's crowded in front of the panel; so I can't really
21 see what's going on.
22 : I understand. Yeah. I -- yeah.
23 Somebody is going to ask me that question, so --
24 : Uh-huh.
25 : -- if you could find out --



1 .: I know. I understand.
2 .: Yeah. If the diesel is loaded and
3 whether or not RCIC automatically started, you know, if any
4 other systems, you know, automatically started, --
5 : Uh-huh.
6 : -- and I guess, you know, if, you
7 know, I -- if the recirc pumps tripped off, are they back.
8 I mean, are you in natural circ and then trying to get them
9 back or are they back now.
10 : Yeah.
11 : I guess.
12 : Hold on a second. I may --
13 : Sure.
14 : -- be able to --
15 : Okay.
16 : Have you been able to see what's
17 been going on outside?
18 SPEAKER: Outside [inaudible].
19 .: Yeah. Did -- did we get the recirc
20 pumps back?
21 : [Inaudible].
22 : Did the diesels load?
23 .: The diesels load [inaudible].
24 . What other auto-start did we have?
25 .: [Inaudible]



1 : Recirc pumps aren't back yet.
2 : [Inaudible].
3 : Okay. It's kind of chaos right now.
4 I apologize.
5 : I understand. I understand. Yeah.
6 I couldn't hear really the answers to those questions. I
7 guess you were just repeating the questions?
8 : Yes, I was just repeating the
9 questions. Right now, people are --
10 : Okay.
11 : People are finding out the answer
12 while I stay on the phone.
13 : Okay. That's fine. But as far as
14 controls basically, as far as reactivity control, you're
15 subcritical and all of your rods fully inserted?
16 : That is correct, all rods are fully
17 inserted. We are subcritical.
18 : Okay. And as far as vessel level
19 control, you're using your RCIC and your CRD?
20 : That is correct.
21 : Okay. And then as far as pressure
22 control, right now, you're --
23 : Pressure control is SRV; that's
24 safety release valve.
25 : Safety release valve. Okay.



1 : That's correct.

2 : And your heat sink, you're using a
3 suppression pool?

4 : That is correct.

5 : Okay. And then as far --

6 : [Inaudible].

7 .. Yeah. Do you want me to get a
8 [inaudible]? Okay.

9 And as far as containment controls, you're using
10 suppression pool cooling, correct?

11 : That is correct.

12 : Okay. Well, I mean, that sounds
13 pretty straightforward.

14 : Yeah.

15 : Have you notified your resident
16 inspector at this time or --

17 : He will be. I haven't had a chance
18 to notify him yet.

19 : I understand.

20 : I don't know if he has been notified
21 yet.

22 : Okay. It's pretty quick --

23 : Yeah.

24 : -- turnaround here.

25 Do you plan to notify like state, local, other

1 government agencies, anything like that?

2 : Not really. The state and local
3 agencies don't --

4 : Okay. That's --

5 : We haven't declared an emergency
6 [inaudible]. So --

7 : Okay. That's just a standard
8 question that we ask. Some facilities do automatically and
9 some don't, and so it's a standard question for us.

10 : Recirc pumps did not trip?

11 : They tripped. They have not been
12 restarted.

13 : Okay.

14 Recirc pumps did trip; they have not been
15 restarted.

16 : Okay. So you are on natural circ?

17 : That is correct. Also diesels
18 auto-started, but they did not load.

19 : Okay. So they auto-started on the
20 loss of the generator.

21 : No, they --

22 : No, on the -- on the loss of --

23 : Hydro oil pressure.

24 : On hydro oil pressure. I'm sorry.

25 : And did not load.

1 : And did not load. But are they
2 still running at this time or have they since been secured?

3 : Have they been -- have the DGs been
4 secured yet?

5 : I know they're [inaudible].

6 Our DIV 3 [inaudible] diesel has
7 just been -- has been filled to be secured; however, the
8 other two are still running at this time.

9 : Okay. Okay. I understand. But
10 none of the diesels loaded?

11 : That is correct.

12 : Okay. And as far as -- did you find
13 out -- I need to put you on hold one moment, please, sir.

14 : Okay.

15 : Thanks.

16 [Pause.]

17 : Sir?

18 : Yes, ma'am.

19 : Sorry about that. Here we've got
20 several lines going.

21 : Okay.

22 : Anyway --

23 : [Inaudible] nuclear [inaudible]

24 : Yeah. But, okay, and do we know
25 whether or not RCIC automatically started or if it was a

1 manual start?

2 : Did RCIC auto-start or did we
3 manually start it?

4 One second, please.

5 : Thank you, sir.

6 : [Inaudible].

7 : It was a manual start, RCIC.

8 : A manual start. Okay.

9 : That is correct.

10 : So there were no automatic
11 actuations of any of your ECCS --

12 : That is correct.

13 : -- equipment. Okay. So no ECCS
14 discharges or -- into the vessel.

15 : That is correct.

16 : Okay. Well, I think I have the
17 information I need at this time.

18 : Okay.

19 : I guess let me just verify from your
20 fax that -- it indicates here that there was nothing unusual
21 or not understood.

22 : That -- well --

23 : Other than the cause --

24 : Other than the cause of the scram at
25 this point

1 : -- of the main generator -- yeah.

2 Other than the cause of the main generator trip.

3 : And that's under investigation at
4 this point.

5 : Okay. And did all systems function
6 as required? You indicated yes. As a result of, you know,
7 in other words, the scram.

8 : Right.

9 : Everything did what it was supposed
10 to do.

11 : That is correct.

12 : Okay. And I'm showing an event time
13 of 0507; is that correct?

14 : That's what it's showing on our
15 alarm [inaudible] for the main generator lockout, which is
16 the first indication that we had --

17 : Okay.

18 : But yes.

19 : And that's Pacific time, correct?

20 : That is Pacific time.

21 : Okay.

22 : Could I get a notification number
23 and your name, please?

24 : Sure. My name is

25 My last --

1 : --
2 : yeah. It's a little
3 different.
4 : .?
5 : Last name -- I don't
6 know what other -- --
7 : Okay.
8 :
9 : How do you pronounce
10 that?
11 :
12 : ? Okay.
13 : Uh-huh.
14 : Sounds good.
15 : And event number will be
16 :
17 : Yes, sir.
18 : Okay. Thank you very much.
19 : Thank you, sir. I appreciate the
20 call.
21 : Bye-bye.
22 : Bye-bye.

23 [Whereupon, the telephone interview was
24 concluded.]
25



P R O C E E D I N G S

[11:42 a.m.]

1
2
3 : NRC Operations Center. This is a
4 [inaudible] line.

5 : Good evening. This is
6 calling from WNP2. I have an event notification.

7 : Okay. I've got a notification at
8 the time of 2342 Eastern.

9 : 2342 Eastern?

10 NRC: Yes, ma'am.

11 : And your name is, ma'am?

12 NRC: , last name is

13 , as in

14 : . Thank you.

15 : Okay. And --

16 : I've sent you a fax on the event
17 notification worksheet. Have you received it?

18 : Yes, ma'am. I received one page.

19 : Okay. I only sent one page.

20 : Okay.

21 : I'll go ahead and read it for the
22 recording.

23 : That would be great.

24 : Do you want me to go ahead and read
25 all the information and [inaudible] as well?

1 : Yes, please.

2 : Okay. Notification time, 2342
3 Eastern Standard Time. The facility is WNP2, Unit 2. My
4 name is . . . The callback is the ENS line or
5 5093772278.

6 The event time and zone was 5:16 a.m. Pacific
7 Standard Time on March 11th, 1998. The power and mode
8 before the event was 100 percent, Mode 1. Power after was
9 zero percent, Mode 3. This is a 50/72 non-emergency
10 classification. Although this is actually supplemental and
11 corrected information, I have checked the ECCS discharge to
12 RCS under the one-hour non-emergency notification --

13 : Uh-huh.

14 : -- and under four-hour, I have RPS
15 actuation and ESF actuation.

16 .: Okay. Okay.

17 : I'll go ahead --

18 .: I notice the event time is different
19 from what was initially reported also.

20 : 5:16 a.m., was not the same time?

21 : No. What was reported was 5:07.

22 : 5:07. I believe our records now
23 indicate 5:16. There may have been some confusion before.
24 This is the correct time, 5:16.

25 : Okay. That's fine. That's fine.

1 I'll use that as a correction.

2 : Okay. Thank you.

3 I'll go ahead and read the description
4 information, then.

5 :: Okay. Please.

6 : This report provides supplemental and
7 corrected information to the ENS notification made by WNP2
8 on March 11th, 1998 pursuant to the requirement of 10 CFR
9 50.72, BRAVO 2-2, and 50.72 BRAVO 1-4.

10 At 5:16 a.m. on March 11th, WNP2 experienced a
11 plant transient and scram due to the following sequence of
12 events:

13 The initiating event was a containment instrument
14 error, which is CIE, system leak inside the drywell which
15 caused closure of a single MSIV. Due to the resulting void
16 collapse, the reactor scrambled on high neutron flux and the
17 remaining MSIVs isolated due to high steamline flow at 140
18 percent.

19 Reactor pressure immediately peaked at 1,085
20 pounds. Vessel level decreased to level 2, which is minus
21 50 inches, causing initiation and injection of the RCIC and
22 HPCUS systems and tripping of the RCC pumps which provide
23 cooling to the drywell atmosphere.

24 : Is RCC reactor cold cooling water?

25 . That's correct.

1 point, and therefore, no low pressure ECCS pump logic was
2 satisfied during the event.

3 : Okay. So they would not have been
4 required to start since the logic was not met?

5 : That's correct.

6 : Okay. Okay. I see down here you
7 have notified your resident inspector?

8 : That's correct.

9 : And also issued a press release?

10 : That's right.

11 : Okay. Would it be possible to get a
12 copy of the press release? Is that something you have
13 access to?

14 : I can follow up on that. I don't
15 have access to that, but I can leave that as a turnover item
16 for tomorrow day.

17 : Yeah. That just might be nice, that
18 we -- maybe we could pass it along to our public affairs
19 folks so that, you know, everybody is talking from the same
20 story.

21 : Okay. Copy of the press release.

22 : Yeah.

23 : And how would I communicate that to
24 you? Would I fax it?

25 : Same fax.



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

: Use the same line?

: Yeah, on that -- the 5151 fax number.

: Uh-huh. Okay.

: And it's not a [inaudible] thing, it's not a requirement or anything like that.

: Sure.

: It's just -- that would be helpful is all.

: Sure. If we have it, I'll go ahead and forward that to you.

: Okay.

: Shall I put "Attention: on it?

: It -- uh --

: Or no?

: That would be fine.

: Okay.

: That would be fine.

And I guess I noticed down here you said all systems functioned as required and there was not anything that was unusual or not understood.

: That's correct. Upon further investigation, that is our --

: Okay.

1 : -- conclusion, yes.

2 : Yeah, as a result of that
3 information. And is it correct that you're currently in
4 Mode 4?

5 : That's right.

6 : Okay. Are you going cold or are you
7 going to stay in Mode 4 or what's the plan?

8 : Mode 4 is cold shutdown. We are
9 going to stay in Mode 4. Our current estimations for
10 startup, right now, we're putting out unknown, but it looks
11 like we're moving towards a startup tomorrow or this
12 weekend.

13 : Okay.

14 : That's, of course -- you know, our
15 estimated restart date officially is unknown.

16 : I understand. I understand.

17 : Sure.

18 : I'm just trying to get an idea if it
19 was going to be, you know, a few days or a month.

20 : Uh-huh.

21 : That kind of a thing.

22 : We're hoping.

23 : Okay. I understand.

24 : Okay.

25 : I understand. Well appreciate the

1 updated information and, you know, the fax is definitely
2 helpful, and I can't think of anything else to ask. I might
3 -- I'm relieving someone else and he was listening. I had
4 you on the speakerphone here.

5 : Okay,
6 : , can you think of anything to
7 add?

8 : No.
9 : Okay. I think we have pretty much
10 got it covered, unless you can think of anything you need to
11 add, ma'am.

12 : No, I don't have anything else to
13 add. If you do think of something a little bit later, that
14 number at the top is the number, the
15 number.

16 : Okay.
17 : You can just go ahead and give us a
18 buzz back.

19 : Will do.
20 : Okay.

21 : Well, again, I appreciate the update
22 and the clarification and I'll make sure it gets out
23 tomorrow morning.

24 Thank you,
25 Thank you

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

: Bye-bye.

. Good day, ma'am.

[End of call.]

[Whereupon, the telephone interview was
concluded.]



P R O C E E D I N G S

[12:28 p.m.]

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

: NRC. This is [inaudible]. May I help you?

: Yes. This is [inaudible] at WNP2 making a four-hour report.

: Okay. Logging you in, sir, at 12:28.

: I understand 12:28 Eastern Standard Time.

: WNP2, correct?

: That is correct.

: And tell me your name again, please?

:

: Hold on a minute, please.

[Pause.]

: Does this have anything to do with your trip?

: Yes. Yes. This is a follow-up to some events that happened after we took the scram.

: All right. Go ahead, please.

: Okay. We're making a 0531. We had an ESF actuation, an actual automation start of the HPCUS pump, but it did not inject.



1 : First of all, do you have this
2 written up, sir?
3 : Yes.
4 : Can you fax to me when we're done?
5 : Yes. When we're all done, I can give
6 you the fax, that's correct.
7 : All right. So the HPCUS pump
8 auto-started?
9 : That's correct.
10 : Why?
11 : It started on high drywell pressure.
12 : All right.
13 : And then also we have -- we had a
14 second reactor scram due to RPV low level.
15 : Auto? Auto reactor scram?
16 : That's correct.
17 : [Inaudible] say again?
18 : Reactor pressure vessel low level.
19 : How low did it get? Or what is low
20 level on your plant?
21 : The low level scram is 13 inches.
22 : What's normal?
23 : Normal is about 36 to 37 inches.
24 : What's low low?
25 : Let me see if we've got a good number



1 for actually how far it went.

2 : All right.

3 .: [Inaudible] how low RPV level got?

4 : Minus 50 inches.

5 .: Approximately minus 50 inches was the
6 lowest we got.

7 .: Minus five-zero?

8 .: That's correct.

9 .: What's your low low level setting?

10 : We have various settings as we go
11 down that different actuations happen.

12 : Well, what's your next setting
13 after low going down? Do you have a -- is that what you
14 call low low or what?

15 : Well, we just have levels, like level
16 8, level 3, that kind of thing. Thirteen inches was where
17 we had the scram and then the next level below that that
18 actually would actuate anything -- let me check here for a
19 second.

20 [Inaudible conversation.]

21 .: [Inaudible] RPV level?

22 : Okay. Thirteen inches [inaudible].

23 : Well, he wants to know what kind of
24 actuations we have there, you know, for levels, because that
25 was like your low, and then he wants what's low low, low low



1 low.

2 : [Inaudible].

3 : Right.

4 : Then the next one down from there is

5 minus 1.9.

6 : Right. And that's all the rest of --

7 : [Inaudible]. Right. [Inaudible].

8 : Okay.

9 : -- and the RHR.

10 : Okay.

11 : [Inaudible]. We never got that problem.

12 : Okay. So the next trip down would

13 have been the minus 50 inches, and that would have been a

14 HPCUS and RCIC start, which we already were running RCIC at

15 the time. And then the next level below that was minus 129

16 inches, and we did not come close to that.

17 : What [inaudible] reactor fuel?

18 : The [inaudible] reactor fuel is 210

19 inches.

20 : Okay. I'm just trying to get a

21 feel, because each plant is different.

22 : Yep. I understand.

23 : What's zero?

24 : What's zero inches in the core?

25 : Yeah.

1 : I don't -- that doesn't correspond to
2 anything as far as -- you know, obviously not [inaudible]
3 fuel. That's just a reference level. Now, I don't know
4 where it actually corresponds to a particular component
5 within the vessel itself.

6 : Okay. See, at some plants, minus
7 50, people would go nuts.

8 : Yeah. No. See, actually what
9 happened was this was normal because we were cooling down.

10 .: Yeah.

11 : You know, we took the scram, we were
12 cooling down, and so we had lower level, but we were in our
13 ELPs. We already had a low-level condition to begin with.

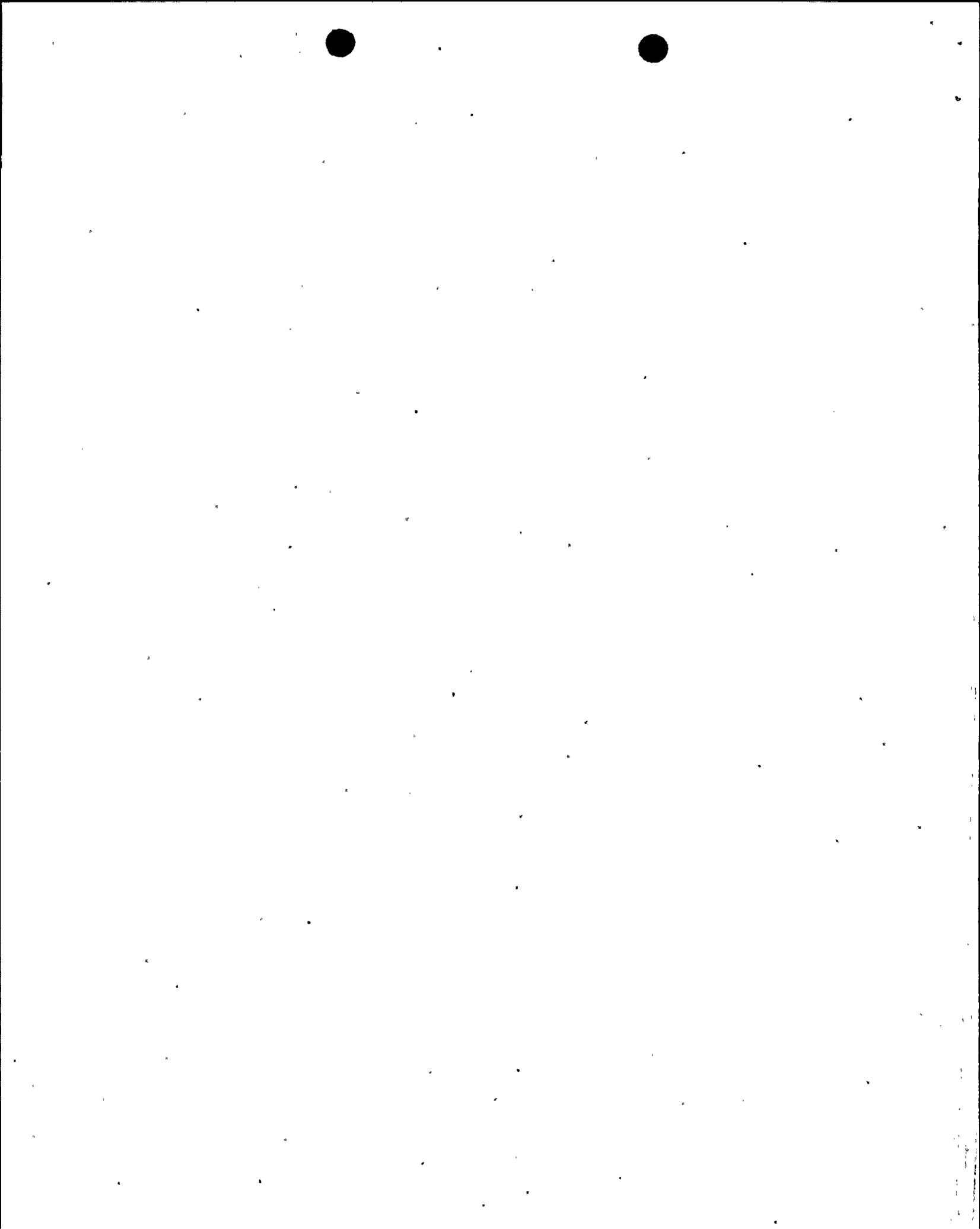
14 : Yeah.

15 : And when they reset the scram, that
16 was just a scram signal that was in that came back and
17 scrambled them out off of the low level. So we were dealing
18 with the condition through the ELPs. It was, you know,
19 because -- due to the cooldown and associated stuff like
20 that with the scram, level was low to begin with.

21 .: Okay. Tell me again how low it
22 got?

23 : The lowest that we're estimating
24 right now is minus 50 inches.

25 : Which is the set point for HPCUS



1 and RCIC?

2 .: That's correct, of which RCIC was
3 already running at the time.

4 .: I understand. And this is during
5 cooldown?

6 : Well, this is during -- this was
7 during the transient that happened after the reactor scram.
8 That would be more appropriate.

9 : Where is the level now?

10 : The level right now is approximately
11 --

12 SPEAKER: We're raising level 60 to 80 inches
13 [inaudible].

14 .: Okay. We're raising our level right
15 now up to 60 to 80 inches. We don't have any recirc pumps
16 right now, so our ARPs require us to go to 60 to 80 inches.

17 : So the point is you have recovered
18 reactor vessel water level to --

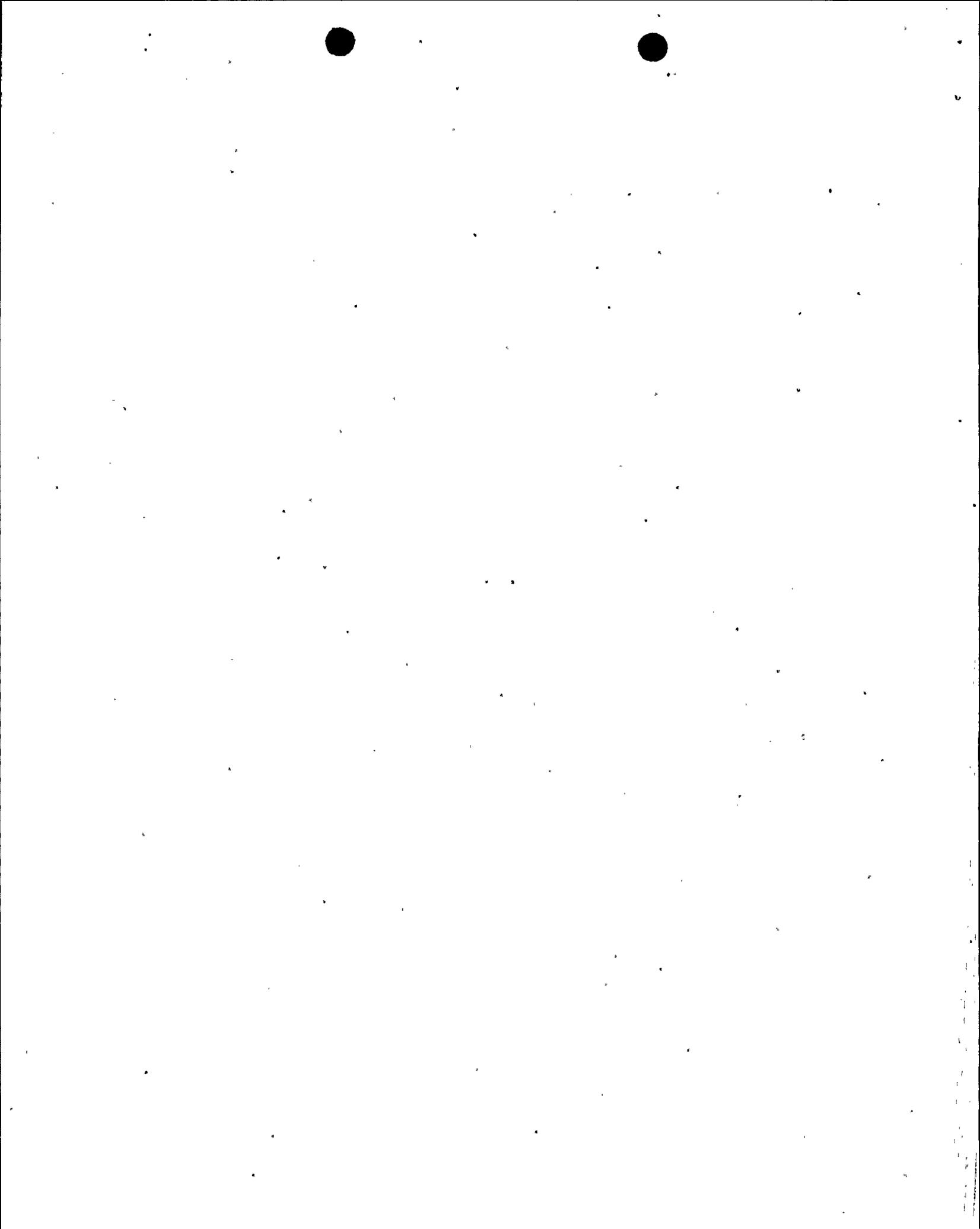
19 : That's correct, yes. We are able to
20 main reactor vessel water level, that is correct.

21 : Reactor vessel water level has been
22 restored to its normal level?

23 : That's correct.

24 : All right.

25 Let me -- I just started to read this and I didn't



1 get through it here. Let me just kind of read out loud with
2 you.

3 : Okay. No problem.

4 : Water is being supplied to reactor
5 vessel by the control rod drives and reactor core isolation
6 cooling system, and steam is being dumped to the suppression
7 pool. The unit is currently in natural circulation and the
8 licensee is in the process of trying to restore the recirc
9 pump. Division 3 high pressure core spray diesel has been
10 secured and the remaining two emergency diesel generators
11 are still running and have remained unloaded.

12 Have you got your recirc pumps back?

13 : No, we have not. We're still in the
14 process of trying to get those back.

15 : Are you still on natural
16 circulation?

17 : Yes, we are.

18 : Is that functioning satisfactorily?

19 : Yes, it is.

20 : What's the problem? You just can't
21 get them started or what?

22 : We have our reactor water cleanup
23 system isolated, and right now, we have a delta P that has
24 to be met prior to starting the recirc pumps.

25 : Okay.



1 : And so we haven't been able to meet
2 that.

3 :: All right. So your -- your initial
4 conditions for starting those pumps are a problem?

5 : That's correct.

6 : All right. Anything else?

7 : Not at this time. That's all we had
8 to report, was HPCUS pump start and the second reactor
9 scram.

10 : Is your plant stable?

11 : Yes, it is.

12 : You're in what mode right now?

13 : Mode 3.

14 : Stable in Mode 3.

15 : That's correct.

16 : What are your plans?

17 : Right now, our plans are to -- we're
18 looking at doing -- working up some outage type work, we
19 might be doing a little bit of work, and also we're going to
20 investigate the trip and narrow down exactly what caused the
21 reactor scram and get that fixed.

22 : That's what I was going to ask you.
23 Do you have any feel at all for what the root cause was or
24 what the initiating event was yet? I know it's early, but I
25 just wondered how you're coming on that.

1 : We're getting close, but it doesn't
2 look like yet we've got it narrowed down to exactly what the
3 cause is yet.

4 : All right. All right.

5 Some normal questions we ask here. Was there
6 anything unusual or not understood that happened along with
7 this other than what we talked about?

8 : No.

9 : Did all systems function as
10 required other than what we talked about?

11 :: We have -- one of our RCIC valves
12 failed to fully open, which required us to have to operate
13 RCIC in a little bit different manner. But it still
14 functioned properly.

15 : Did any other safety-related
16 equipment not work properly that you discovered so far?

17 :: No, not at this time.

18 :: All right. Let me verify the
19 spelling of your last name.

20 :: That's correct.

21 : All right. And what about your
22 resident? Has he been told about this latest information?

23 : He's going to be updated. He has
24 been up here in the control room most of the morning. The
25 exact report here, I don't --

1 : Okay.

2 : -- know for sure.

3 : All right. I'm going to put this
4 in as an update to the earlier event, number

5 : Okay.

6 : :

7 : ? And your name is?

8 : :

9 : :

10 : The last three letters are

11

12 : :

13 : If you'll go ahead and fax that to
14 me, I would appreciate it.

15 : I understand you'd like the fax.

16 : Okay?

17 : All right. Thank you.

18 : All right, . Thanks for the
19 call.

20 : Bye.

21 [Whereupon, the telephone interview was
22 concluded.]

23

24

25

Mr. J. V. Parrish

-2-

Mr. Rodney L. Webring (Mail Drop PE08)
Vice President, Operations Support/PIO
Washington Public Power Supply System
P.O. Box 968
Richland, Washington 99352-0968

Mr. Greg O. Smith (Mail Drop 927M)
WNP-2 Plant General Manager
Washington Public Power Supply System
P.O. Box 968
Richland, Washington 99352-0968

Mr. D. W. Coleman (Mail Drop PE20)
Manager, Regulatory Affairs
Washington Public Power Supply System
P.O. Box 968
Richland, Washington 99352-0968

Mr. Albert E. Mouncer (Mail Drop 396)
Chief Counsel
Washington Public Power Supply System
P.O. Box 968
Richland, Washington 99352-0968

Mr. Paul Inserra (Mail Drop PE20)
Manager, Licensing
Washington Public Power Supply System
P.O. Box 968
Richland, Washington 99352-0968

Perry D. Robinson, Esq.
Winston & Strawn
1400 L Street, N.W.
Washington, D.C. 20005-3502