## ORIGINAL

## OFFICIAL TRANSCRIPT OF PROCEEDINGS

Agency:

NUCLEAR REGULATORY COMMISSION

Title:

TAPE NO. 085/086, SIDES A AND B

Docket No.

LOCATION

DATE

February 14, 1989

PAGES: 1 - 39

ANN RILEY & ASSOCIATES, LTD.

1612 K St. N.W., Suite 300 Washington, D.C. 20006 (202) 293-3950

9003260140 900320 FUR ADOCK 05000443 THIS TRANSCRIPT WAS PREPARED FROM A CLIENT-FURNISHED, UNMONITORED TAPE RECORDING

```
TAPE NO. 085/086, SIDE A
1
      SEABROOK CONTROL ROOM/FRED ANDERSON, JR.
 2
      START TIME: 1240
 3
      FEBRUARY 14, 1989
      5
               SPEAKER: The time is [Inaudible] p.m. The date is
6
7
      2/14.
8
                        [Pause.]
               SPEAKER: The time is 12:45 p.m.
9
10
                        [Pause.]
11
               VOICE: [Inaudible.]
12
                        [Pause.]
13
               VOICE: [Inaudible.]
14
                        [Pause.]
15
               VOICE: [Inaudible.]
16
                        [Pause.]
17
                        [Transmission noise.]
18
               VOICE: Stand by.
19
                        [Pause.]
               VOICE: Looks good here. Thank you.
20
21
                        [Pause.]
22
                        [Transmission noise.]
23
                        [Pause.]
24
               VOICE: [Inaudible.]
25
                        [Transmission noise.]
```

```
VOICE: Okay. Go ahead and close [Inaudible]
1
                          [Pause.]
2
                VOICE: Okay. Stand by.
3
                         [Pause.]
                VOICE:
                       [Inaudible], control.
5
                          [Transmission noise.]
                VOICE: Open unit 1, valve 9.
                          [Pause.]
8
                          [Transmission noise.]
9
10
                VOICE: Okay. Open unit 2, valve 9 and then close
11
       it.
12
                          [Pause.]
13
                VOICE: Control room.
14
                          [Pause.]
15
                VOICE: Would you please go into the relay room. I
16
      just got a 345 [Inaudible] there's some trouble and no
      indication which breaker it is. Would you let me know which
17
      one it is, please?
18
19
                          [Pause.]
                           [Transmission noise.]
20
                VOICE: Okay. I'm all set, Mark. Thank you.
21
22
                           [Transmission noise.]
23
                          [Pause.]
24
               VOICE: Control room. Go ahead.
25
                          [Pause.]
```

```
VOICE: Would you go on [Inaudible] and see if
1
2
      somebody presently working on that breaker?
                           [Pause.]
3
                 VOICE: [Inaudible], control room.
 5
                           [Pause.]
 6
                 VOICE:
                        [Inaudible] have we officially switched the
7
      [Inaudible] yet?
8
                           [Pause.]
                 SPEAKER: The time is 1 p.m.
9
                           [Pause.]
10
                 VOICE: Okay. Thank you.
11
12
                           [Pause.]
13
                 VOICE: Go ahead.
14
                           [Pause.]
                 VOICE:
                        Stand by.
15
16
                           [Pause.]
17
                 VOICE:
                        [Inaudible], control.
                           [Pause.]
18
                           [Transmission noise.]
19
20
                 VOICE: Jeff, go out door 603.
21
                           [Pause.]
22
                           [Transmission noise.]
                 VOICE: Control room. Go ahead.
23
24
                           [Pause.]
                 VOICE: [Inaudible], control room.
25
```

```
[Pause.]
 1
                           [Transmission noise.]
 2
                 VOICE: [Inaudible] back to you, Jim.
                           [Transmission noise.]
                           [Transmission noise.]
                           [Pause.]
                 VOICE: Control room [Inaudible] how's the venting
7
8
       going?
9
                           [Pause.]
                 VOICE: Okay. Let's stop the venting for the time
10
       being. We're just going to let this thing settle out and see
11
       what it comes out to. Could you also pick up the IV on the
12
       [Inaudible] it's been re-secured.
13
14
                           [Pause.]
                 VOICE: [Inaudible.]
15
                           [Pause.]
16
                 VOICE: 71 percent.
17
18
                           [Pause.]
                           [Transmission noise.]
19
                 VOICE: Go ahead and [Inaudible] to it, I'll let you
20
       know when to stop.
21
                           [Pause.]
22
                 VOICE: Jeff [Inaudible], control room.
23
24
                           [Pause.]
                 VOICE: Jeff, secure the [Inaudible] on head tank.
25
```

1	[Pause.]
2	VOICE: Jeff, while you're up there, would you fill
3	head tank? I'll let you know when to stop.
4	[Transmission noise.]
5	[Pause.]
6	SPEAKER: The time is 1:15 p.m.
7	[Pause.]
8	VOICE: Jeff Gorsky, control.
9	[Pause.]
10	VOICE: That's good for the fill on both of those
11	head tanks. Why don't you head down to the [Inaudible] by the
12	waste process building [Inaudible] I have to do a valve stroke
13	timing on those as well as the [Inaudible]. Give me a call or
14	the telephone when you're down there, please.
15	[Transmission noise.]
16	[Pause.]
17	VOICE: Yes, Jeff, go ahead.
18	[Pause.]
19	VOICE: We'll open on 447. Stand by.
20	[Pause.]
21	VOICE: Jeff Gorsky, control.
22	[Pause.]
23	VOICE: [Inaudible] PC valve 447, it will be going
24	closed.
25	[Transmission noise.]

1	[Pause.]
2	VOICE: We just had a full close on 447.
3	[Pause.]
4	VOICE: Jeff Gorsky, control room.
5	[Transmission noise.]
6	VOICE: Jeff, can you easily shift over to PC valve
7	448 now?
8	[Pause.]
9	VOICE: Okay. Go ahead and shift over. 447 complete
10	for now. I'm going to leave it closed until we get 448 done
11	and then when we [Inaudible] the waste process building. Let
12	me know when you set up.
13	[Pause.]
14	VOICE: Excuse me. One more time.
15	[Pause.]
16	Voice: Stand by.
17	[Transmission noise.]
18	[Pause.]
19	VOICE: [Inaudible.]
20	[Pause.]
21	VOICE: [Inaudible.]
22	[Pause.]
23	VOICE: [Inaudible] to zone 3. We'll be going over
24	there in a minute. And we'll take a look at what the
25	[Inaudible] looks like [Inaudible]

```
VOICE: [Inaudible.]
 1
                           [Pause.]
 2
                 VOICE: [Inaudible] do you want me to hook up
 3
      [Inaudible]
 4
                           [Pause.]
 5
                 VOICE: Go ahead and hook up the [Inaudible] to zone
 6
7
       3.
                           [Pause.]
 8
                VOICE: Jeff Gorsky, control room.
9
                           [Pause.]
10
                 VOICE: Jeff, go ahead and reinstall the device on
11
12
      that.
                           [Pause.]
13
                           [Transmission noise.]
14
                 VOICE: [Inaudible] thank you.
15
                           [Pause.]
16
17
                 VOICE:
                        [Inaudible.]
                           [Pause.]
18
                 VOICE: Negative.
19
                           [Transmission noise.]
20
                 VOICE: Okay. Just give me a call whenever you get
21
       hooked up on zone 3 and we'll be ready to go.
22
                 VOICE: I copy.
23
24
                           [Pause.]
25
                 VOICE: [Inaudible] come up.
```

```
VOICE: Yeah, [Inaudible]
 1
 2
                 VOICE: Okay. I'm hooked up on zone 3, ready to go.
                 VOICE: Okay. Stand by. We're going to give you one
 3
 4
       of [Inaudible]
 5
                 VOICE: I copy.
 6
                           [Pause.]
 7
                 SPEAKER: The time is 1:30 p.m.
 8
                           [Pause.]
 9
                 VOICE: Did you hit the alarm, John?
10
                 VOICE: Yes, I did.
11
                           [Pause.]
12
                           [Transmission noise.]
13
                           [Pause.]
14
                 VOICE:
                        [Inaudible.]
15
                           [Transmission noise.]
16
                           [Pause.]
17
                 VOICE: Go ahead, Jeff.
18
                           [Transmission noise.]
19
                          [Pause.]
20
                VOICE: Jeff, [Inaudible] cut into that valve
21
       [Inaudible]
22
                           [Pause.]
23
                VOICE: John, you can go ahead and reset that and
      then [Inaudible] up on zone 1. We'll check out zone 1 and zone
24
25
       2.
```

1	[Pause.]
2	VOICE: John, did you get my last?
3	[Pause.]
4	VOICE: Yes, I did. You want them on zone 3 and
5	[Inaudible] to zone 1.
6	VOICE: Okay. Let me know when you're hooked up
7	there.
8	[Pause.]
9	VOICE: [Inaudible] I'm hooked up on zone 1. John,
10	I'll let you know when we find our first [Inaudible] before we
11	fire it.
12	VOICE: I copy.
13	[Pause.]
14	VOICE: Just hooked zone 1, John.
15	VOICE: I copy.
16	[Pause.]
17	[Transmission noise.]
18	VOICE: [Inaudible] this is John. The results are
19	similar to zone 3.
20	[Transmission noise.]
21	VOICE: Okay, John, go ahead and reset that and move
22	the scope to zone 2.
23	VOICE: I copy.
24	[Pause.]
25	VOICE: Peset zone 1

```
1
                 VOICE: Okay.
 2
                           [Pause.]
                 VOICE: Mark, this is John. I'm hooked up to zone 2.
 3
                           [Fause.]
                 VOICE: Okay. Stand by.
 5
                           [Pause.]
 7
                           [Transmission noise.]
 8
                           [Pause.]
                 VOICE: Okay, Mark. This is John. The results of
 9
10
       zone 2 are similar to the [Inaudible] zones.
11
                           [Pause.]
12
                VOICE: Resetting the alarm.
13
                           [Pause.]
                 VOICE: Did you just say that you were going to reset
14
       it, John?
15
16
                           [Pause.]
17
                           [Transmission noise.]
18
                           [Transmission noise.]
19
                 VOICE: Mark, this is Jeff.
20
                           [Transmission noise.]
21
                 VOICE: Zone 2 has been reset.
22
                 VOICE: I copy.
23
                           [Transmission noise.]
24
                           [Pause.]
25
                 VOICE: Go ahead.
```

```
1
                           [Pause.]
                           [Transmission noise.]
 2
                 VOICE: Zone 4 [Inaudible] should be indicating full
 3
       open, is that correct?
 4
 5
                           [Transmission noise.]
 6
                           [Pause.]
7
                 VOICE: Okay, Jeff. Stand by. Go ahead and time
8
       stroke close PC valve 448. Are you clear of the valve?
9
                           [Pause.]
10
                 VOICE: [Inaudible.]
11
                           [Pause.]
12
                 VOICE: [Inaudible] come up.
13
                           [Transmission noise.]
14
                           [Pause.]
15
                 VOICE: I understand, Jeff. Full close. Give me a
16
       call in the control room when you get a minute, would you,
      please?
17
18
                           [Pause.]
19
                 VOICE: [Inaudible.]
20
                           [Pause.]
21
                 VOICE: Jeff Gorsky, control room.
22
                           [Pause.]
23
                VOICE: Okay, Jeff. I'm going to be reopening PC
24
      valve 448.
25
                           [Pause.]
```

```
VOICE: John [Inaudible] if you can't get that last
 1
       alarm [Inaudible] is the same as the others.
 2
                           [Transmission noise.]
 3
                 VOICE: Understand. I'm going to be reopening PC
 5
      valve 447 now.
                           [Pause.]
                 VOICE: Yes, [Inaudible] the alarm same as before.
                           [Pause.]
8
                 VOICE: [Inaudible] this is John. I've reset the
9
       alarm.
10
                 VOICE: Okay.
11
                           [Pause.]
12
                 VOICE: [Inaudible.]
13
14
                           [Pause.]
                 VOICE: I have [Inaudible] also. Thanks very much,
15
16
      Jeff. We're all done.
                           [Pause.]
17
                           The time is 1:45 p.m.
                 SPEAKER:
18
                           [Pause.]
19
                           [Transmission noise.]
20
21
                           [Pause.]
                           The time is 2 p.m.
22
                 SPEAKER:
                           [Pause.]
23
                VOICE: Jeff Gorsky, control room.
24
25
                           [Pause.]
```

```
1
                 VOICE: Jeff Gorsky, control room.
                           [Pause.]
2
                 VOICE: Jeff, are you still [Inaudible] area?
3
                           [Pause.]
                VOICE: [Inaudible.]
 5
                           [Pause.]
6
                 VOICE: Okay. When you get to the [Inaudible] area,
7
      would you give me a call. We're going to rotate [Inaudible]
8
       and put [Inaudible] in service and put [Inaudible] in auto
9
10
       standby.
11
                           [Pause.]
                           [Transmission noise.]
12
                 VOICE: Control room. Go ahead.
13
                           [Pause.]
14
                        [Inaudible.]
15
                 VOICE:
                           [Pause.]
16
                 VOICE: Gorsky, control.
17
                           [Pause.]
18
                 VOICE: Okay, Jeff. [Inaudible.]
19
20
                           [Pause.]
                 VOICE: Okay. Here we go for a start on the delta
21
       [Inaudible] pump.
22
23
                           [Pause.]
                 VOICE: Okay, Jeff. Whenever [Inaudible] why don't
24
25
       you go ahead and unlock the flow of the discharge valve of DP
```

```
1
    pump 11 bravo?
                           [Pause.]
 2
                 VOICE: Go ahead, Jeff.
 3
                           [Pause.]
                VOICE: Okay, Jeff. You can go ahead and reopen and
6
      relock that and [Inaudible]
 7
                          [Pause.]
                 VOICE: [Inaudible.]
 8
                           [Pause.]
9
                 VOICE: Thank you, Jeff.
10
                           [Pause.]
11
                 SPEAKER: The time is 2:15 p.m.
12
13
                           [Pause.]
                           [Pause.]
14
15
                           [Pause.]
16
                 VOICE: [Inaudible.]
17
                          [Pause.]
18
                 VOICE: [Inaudible] go ahead.
                           [Pause.]
19
                 VOICE: Okay. We're getting ready to go up.
20
      [Inaudible.]
21
22
                          [Pause.]
23
                 VOICE: [Inaudible.]
24
                           [Pause.]
25
                 SPEAKER: The time is 2:30 p.m.
```

```
[Pause.]
1
                           [Transmission noise.]
2
                           [Pause.]
3
                 VOICE: Control room, this is Rick [Inaudible] come
4
5
      up.
                           [Pause.]
                 VOICE: [Inaudible.]
 3
                           [Pause.]
9
                 VOICE: I'd like to get a startup on service
       [Inaudible] 51B, unit 1.
10
                 VOICE: Stand by.
11
12
                           [Pause.]
                 VOICE: [Inaudible.]
13
                           [Pause.]
14
                 VOICE: We're all clear. You can start it up.
15
                           [Transmission noise.]
16
                 VOICE: Okay. Starting unit 1, 51 bravo.
17
18
                           [Pause.]
19
                           [Pause.]
20
                 SPEAKER: The time is 2:45 p.m.
21
                           [Pause.]
                          The time is 3 p.m.
22
                 SPEAKER:
23
                           [Pause.]
24
                           [Transmission noise.]
25
                           [Pause.]
```

```
VOICE: Control room, this Rick [Inaudible] come on.
1
                           [Pause.]
                 VOICE: Go ahead, Rick.
3
                           [Transmission noise.]
                 VOICE: Did you get a startup on [Inaudible] 51B?
5
                           [Transmission noise.]
7
                           [Pause.]
                 VOICE: [Inaudible] come up.
8
                            [Pause.]
10
                 SPEAKER: The time is 3:15 p.m.
                           [Pause.]
11
                 VOICE: [Inaudible.]
12
                            [Pause.]
13
                            [Transmission noise.]
14
15
                            [Pause.]
                 VOICE: Yes, Mark, I am.
16
                            [Transmission noise.]
17
                            [Transmission noise.]
18
19
                            [Pause.]
                            [Transmission noise.]
20
                  ***END TAPE 085/086, SIDE A. SIDE B FOLLOWS: ***
21
22
23
24
```

25

```
TAPE NO. 085/086, SIDE B
1
      SEAPROOK CONTROL ROOM/FRED ANDERSON, JR.
      START TIME: 1524
3
      FEBRUARY 14, 1989
5
                 SPEAKER: The time is 4 p.m. The date is 2/14.
6
7
                           [Pause.]
                           [Transmission noise.]
8
9
                           [Pause.]
                 VOICE: Control room, go ahead.
10
                 VOICE: Going down unit 1, [Inaudible] 51B shut off.
11
                           [Transmission noise.]
12
                           [Pause.]
13
                 SPEAKER: The time is 3:30 p.m.
14
15
                           [Pause.]
                 VOICE: This is Rick [Inaudible] come up.
16
                          [Transmission noise.]
17
                 VOICE: Did you get a startup on unit 1, [Inaudible]
18
       51B?
19
20
                           [Transmission noise.]
21
                           [Pause.]
22
                 SPEAKER: The time is 3:45 p.m.
23
                           [Pause.]
24
                 VOICE: Control room, this is Rick [Inaudible] come
25
       up.
```

1			[Pause.]
2		VOICE:	Yes, Rick.
3		VOICE:	Would you like to shut the service water fan
4	off right	now?	
5			[Transmission noise.]
6		VOICE:	[Inaudible.]
7			[Pause.]
8		SPEAKER:	The time is 4 p.m.
9			[Pause.]
10		SPEAKER:	The time is 4:15 p.m.
11			[Pause.]
12		SPEAKER:	The time is 4:30 p.m.
13			[Pause.]
14		VOICE:	[Inaudible.]
15			[Transmission noise.]
16			[Pause.]
17		SPEAKER:	The time is 4:45 p.m.
18			[Pause.]
19			[Transmission noise.]
20			[Pause.]
21		SPEAKER:	The time is 5 p.m.
22			[Pause.]
23		SPEAKER:	The time is 5:15 p.m.
24			[Pause.]
25			(Transmission noise.)

```
[Pause.]
1
                            [Transmission noise.]
2
                 VOICE: [Inaudible.]
3
                           [Pause.]
                 VOICE: I copy. Mike [Inaudible] is on his way down.
5
       He's going to meet up with you at the compressor.
6
                           [Pause.]
7
                 SPEAKER: The time is 5:30 p.m.
8
                            [Pause.]
9
10
                 VOICE: [Inaudible], control.
                            [Transmission noise.]
11
                            [Pause.]
12
                            [Transmission noise.]
13
                 VOICE: [Inaudible] when you get a chance, call me on
14
15
       the phone, please. No rush.
                            [Transmission noise.]
16
17
                            [Pause.]
                           The time is 5:45 p.m.
18
                 SPEAKER:
                            [Pause.]
19
20
                 SPEAKER: The time is 6 p.m.
21
                            [Pause.]
                            [Transmission noise.]
22
23
                            [Pause.]
                         [Inaudible] go ahead.
24
                 VOICE:
25
                            [Pause.]
```

```
1
                            [Transmission noise.]
 2
                            [Pause.]
 3
                 VOICE: 375 [Inaudible]
                            [Transmission noise.]
 5
                            [Pause.]
 6
                 VOICE: [Inaudible] was that 375?
 7
                            [Transmission noise.]
 8
                 VOICE: Copy.
9
                            [Transmission noise.]
10
                            [Pause.]
11
                            [Transmission noise.]
12
                            [Pause.]
13
                 VOICE: Go ahead, Mike.
14
                            [Pause.]
15
                 VOICE: [Inaudible.]
16
                            [Pause.]
17
                 VOICE: Copy.
18
                            [Pause.]
19
                 VOICE: [Inaudible] come up.
20
                           [Transmission noise.]
21
                 VOICE: [Inaudible] what do you read for your
       [Inaudible]
22
23
                            [Pause.]
24
                VOICE: Copy, 345.
25
                            [Transmission noise.]
```

```
VOICE: [Inaudible] come up.
1
                           [Transmission noise.]
2
                 VOICE: What do you read [Inaudible]
 3
                           [Transmission noise.]
                 VOICE: [Inaudible.]
5
                           [Pause.]
6
7
                           [Transmission noise.]
8
                 VOICE:
                         [Inaudible] come up.
9
                           [Transmission noise.]
                 VOICE: [Inaudible.]
10
11
                           [Transmission noise.]
                 VOICE: Copy, 345, Mike [Inaudible]
12
13
                           [Transmission noise.]
14
                           [Pause.]
15
                           [Transmission noise.]
16
                 VOICE: [Inaudible.]
17
                           [Pause.]
                 VOICE: Okay, Sam, we're going to hold here for you
18
       to [Inaudible]
19
20
                 SPEAKER: The time is 6:15 p.m.
                 VOICE: [Inaudible.]
21
22
                           [Transmission noise.]
23
                           [Pause.]
                 VOICE: [Inaudible.]
24
25
                           [Pause.]
```

```
[Transmission noise.]
1
                VOICE: Are you still hanging around down by that
2
      flow switch?
3
                           [Pause.]
4
                           [Transmission noise.]
5
                VOICE: Yeah, we won't need you for a while. So you
6
      can [Inaudible]
7
                           [Pause.]
8
                 SPEAKER: The time is 6:30 p.m.
9
                           [Pause.]
10
                 SPEAKER: The time is 6:45 p.m.
11
12
                           [Pause.]
                 SPEAKER: The time is 7 p.m.
13
                           [Pause.]
14
                           [Transmission noise.]
15
                           [Pause.]
16
                 VOICE: Copy [Inaudible] can you get me another set
17
       of numbers, please?
18
19
                           [Transmission noise.]
                           [Pause.]
20
                           The time is 7:15 p.m.
                 SPEAKER:
21
22
                           [Pause.]
                 SPEAKER: The time is 7:30 p.m.
23
                           [Pause.]
24
25
                 SPEAKER: The time is 7:45 p.m.
```

```
1
                            [Pause.]
 2
                 SPEAKER: The time is 8 p.m.
 3
                            [Pause.]
                 SPEAKER: The time is 8:15 p.m.
 5
                           [Pause.]
 6
                            [Transmission noise.]
 7
                            [Pause.]
 8
                 VOICE: Control room.
 9
                            [Transmission noise.]
10
                 VOICE: Okay, Sam.
11
                            [Pause.]
12
                 SPEAKER: The time is 8:30 p.m.
13
                           [Pause.]
14
                 VOICE: [Inaudible] come up.
15
                           [Transmission noise.]
16
                 VOICE: [Inaudible.]
17
                           [Transmission noise.]
18
                           [Pause.]
19
                 VOICE: Sam, I'm still about 100 gallons a minute
20
       flow up here.
21
                           [Transmission noise.]
22
                           [Pause.]
23
                           [Transmission noise.]
24
                VOICE: Sounds good, Sam. Thanks a lot.
25
                           [Transmission noise.]
```

1		[Pause.]
2	SPEAKER:	The time is 8:45 p.m.
3		[Pause.]
4		[Transmission noise.]
5	VOICE:	[Inaudible.]
6		[Transmission noise.]
7		[Pause.]
8		[Transmission noise.]
9	VOICE:	[Inaudible] Sam.
10		[Transmission noise.]
11		[Pause.]
12		[Transmission noise.]
13	VOICE:	[Inaudible] Sam.
14		[Transmission noise.]
15	VOICE:	Thank you, Sam.
16		[Transmission noise.]
17		[Pause.]
18	VOICE:	Mike McCarthy, come up.
19		[Pause.]
20		[Transmission noise.]
21	VOICE:	Hi, Sam. I'm looking for Mike.
22		[Transmission noise.]
23		[Pause.]
24	VOICE:	Are you in the [Inaudible] yet, Mike?
25		[Transmission noise.]

```
1
                           [Pause.]
                 VOICE: Okay. Please call when you're in there,
       please.
 3
                           [Pause.]
                           [Transmission noise.]
 5
 6
                           [Pause.]
                           [Transmission noise.]
 7
                           [Pause.]
 8
                 SPEAKER: The time is 9 p.m.
9
                           [Pause.]
10
                           [Transmission noise.]
11
                 VOICE: Copy, 350 Sam.
12
                           [Transmission noise.]
13
                           [Pause.]
14
                 VOICE: [Inaudible] come up.
15
                           [Transmission noise.]
16
                 VOICE: What's your [Inaudible]
17
                           [Transmission noise.]
18
                 VOICE: [Inaudible] Frank?
19
                           [Transmission noise.]
20
                 VOICE: Thank you, Frank.
21
                           [Pause.]
22
                 VOICE: Sam, okay. We're all set on our flow. So if
23
       you want to go over and take your pump vibration data.
24
                           [Transmission noise.]
25
```

```
[Pause.]
                           [Transmission noise.]
3
                           [Pause.]
                 VOICE: [Inaudible.]
                            [Transmission noise.]
5
6
                            [Pause.]
                 VOICE: Say again, Sam.
                            [Transmission noise.]
 9
                            [Pause.]
                            [Transmission noise.]
10
11
                            [Pause.]
                            [Transmission noise.]
12
13
                            [Pause.]
                            [Transmission noise.]
14
15
                            [Pause.]
                 VOICE: Mike McCarthy, come up.
16
17
                            [Pause.]
18
                 VOICE: Are you down by the [Inaudible] pump
19
       [Inaudible]
20
                            [Transmission noise.]
                  VOICE: Okay. We're all done down here [Inaudible]
21
22
                            [Transmission noise.]
23
                            [Pause.]
24
                             [Transmission noise.]
25
                             [Pause.]
```

```
[Transmission noise.]
1
                           [Pause.]
2
                 VOICE: Go ahead, Sam.
3
                           [Transmission noise.]
4
                 VOICE: Copy Sam. Sam, I'll also need the inlet
5
       pressure again from you, please.
6
                           [Transmission noise.]
7
                           [Pause.]
8
                           [Transmission noise.]
9
                 VOICE: 18.3, copy, Sam. Thanks a lot.
10
                           [Transmission noise.]
11
                           [Pause.]
12
                 VOICE: Sam, would you check the [Inaudible] pump
13
       [Inaudible]
14
                 SPEAKER: The time is 9:15 p.m.
15
                           [Pause.]
16
                 SPEAKER:
                           The time is 9:30 p.m.
17
                           [Pause.]
18
                 VOICE: [Inaudible] come up.
19
20
                           [Pause.]
                           [Transmission noise.]
21
                 VOICE: [Inaudible.]
22
                           [Transmission noise.]
23
                 VOICE: Okay, thanks [Inaudible]
24
                            [Pause.]
25
```

```
VOICE: [Inaudible] come up.
1
                            [Pause.]
                 VOICE: Pat Leary, come up.
3
                          [Transmission noise.]
4
                 VOICE: Pat, I'm going to be [Inaudible] the A and B
5
       service [Inaudible]
6
                           [Transmission noise.]
7
                            [Pause.]
8
                            [Transmission noise.]
9
                 VOICE: Thank you, Pat.
10
                            [Pause.]
11
                 SPEAKER: The time is 9:45 p.m.
12
13
                            [Pause.]
14
                 SPEAKER: The time is 10 p.m.
                            [Pause.]
15
16
                 SPEAKER: The time is 10:15 p.m.
                            [Pause.]
17
                            [Transmission noise.]
18
                            [Pause.]
19
                            [Transmission noise.]
20
21
                            [Pause.]
                            [Transmission noise.]
22
                            [Transmission noise.]
23
                            [Pause.]
24
25
                 SPEAKER: The time is 10:30 p.m.
```

1		[Pause.]
2	SPEAKER:	The time is 10:45 p.m.
3		[Pause.]
4	SPEAKER:	The time is 11 p.m.
5		[Pause.]
6		[Transmission noise.]
7		[Pause.]
8		[Transmission noise.]
9		[Pause.]
10		[Transmission noise.]
11		[Transmission noise.]
12		[Pause.]
13		[Transmission noise.]
14		[Pause.]
15	SPEAKER:	The time is 11:15 p.m.
16		[Pause.]
17		[Transmission noise.]
18		[Pause.]
19	SPEAKER:	The time is 11:30 p.m.
20		[Pause.]
21		[Transmission noise.]
22		[Pause.]
23		[Transmission noise.]
24		[Pause.]
25	VOICE: H	awkins, loud and clear.

1	[Transmission noise.]
2	[Pause.]
3	SPEAKER: The time is 11:45 p.m.
4	[Pause.]
5	[Transmission noise.]
6	[Pause.]
7	VOICE: Fanning, control. Go ahead.
8	[Transmission noise.]
9	VOICE: Understand. Go ahead.
10	[Pause.]
11	[Transmission noise.]
12	[Pause.]
13	VOICE: [Inaudible.]
14	[Pause.]
15	[Transmission noise.]
16	[Pause.]
17	VOICE: [Inaudible], control, go ahead
18	[Transmission noise.]
19	VOICE: Please.
20	[Pause.]
21	VOICE: [Inaudible.]
22	[Pause.]
23	[Transmission noise.]
24	VOICE: [Inaudible] the pump.
25	[Pause.]

```
1
                           [Transmission noise.]
 2
                 VOICE: Thank you.
 3
                           [Pause.]
                           [Transmission noise.]
 5
                           [Pause.]
 6
                 VOICE: [Inaudible] you're loud and clear.
                           [Transmission noise.]
 8
                           [Transmission noise.]
9
                 VOICE: This is [Inaudible] you're loud and clear.
10
                           [Pause.]
11
                 VOICE: Rob Fanning. This is John, notify security
12
       they're all standby. Get hold of [Inaudible] at one minute
13
       after midnight, open a breaker.
14
                           [Transmission noise.]
15
                           [Pause.]
16
                 VOICE: Fanning, control. Go ahead.
17
                           [Pause.]
18
                 VOICE: [Inaudible.]
19
                           [Pause.]
20
                 VOICE: Say that again.
21
                           [Pause.]
22
                VOICE: [Inaudible] it is 56, would you say again,
      the toxic level?
23
24
                           [Pause.]
25
                VOICE: 64 and 61.
```

```
[Pause.]
1
                 VOICE: 54, 61.
                           [Pause.]
3
                 SPEAKER: The time is 12 a.m.
                           [Pause.]
5
                 VOICE: Fanning, control. Go ahead.
6
                           [Pause.]
7
                 VOICE: Okay. About a minute.
8
                           [Transmission noise.]
9
                 VOICE: Go ahead and [Inaudible]
10
                           [Pause.]
11
                 VOICE: I said go ahead and trip it when you have a
12
13
      one minute past.
14
                           [Pause.]
                           [Transmission noise.]
15
                           [Pause.]
16
                 VOICE: Mike Taylor, come up.
17
                           [Transmission noise.]
18
                 VOICE: Mike Taylor, come up.
19
                           [Transmission noise.]
20
21
                           [Transmission noise.]
                           [Pause.]
22
                 VOICE: Dave [Inaudible] this is John, we picked up a
23
24
       trouble alarm on 366 and 367.
25
                           [Pause.]
```

1		[Transmission noise.]		
2	[Transmission noise.]			
3	VOICE: Mike Taylor, this is John. Before you g			
4	inside the [Inaudi)	ole], I'm going to come down and give you		
5	those primary tago	uts, that way, you can work them at your		
6	leisure.			
7		[Transmission noise.]		
8		[Pause.]		
9	VOICE:	Mike Taylor, come up.		
10		[Pause.]		
11	VOICE:	DeCosta, control.		
12		[Transmission noise.]		
13		[Pause.]		
14	VOICE:	Rob Fanning, control.		
15		[Pause.]		
16	VOICE:	[Inaudible] announcement about the phone		
17	hooker?			
18		[Pause.]		
19	VOICE:	[Inaudible] copy.		
20	VOICE:	Control room, Hawkins. I copy.		
21		[Pause.]		
22		[Transmission noise.]		
23		[Transmission noise.]		
24		[Pause.]		
25		[Transmission noise.]		

```
VOICE: Mike Taylor, do you read this [Inaudible]
1
                VOICE: [Inaudible] did you copy that announcement
 2
      about the phone?
3
                           [Transmission noise.]
                           [Pause.]
                VOICE: Correct. Break. Ed DeCosta, come up.
                           [Pause.]
7
                 SPEAKER: The time is 12:15 a.m.
                           [Pause.]
9
                           [Transmission noise.]
10
                           [Pause.]
11
                 SPEAKER: The time 's 12:30 a.m.
12
                           [Pausc.]
13
                 VOICE: This is DeCosta, radio check. Now do you
14
       read?
15
16
                           [Pause.]
                           [Transmission noise.]
17
18
                           [Pause.]
                 VOICE: Rob Fanning, control.
19
                           [Pause.]
20
                 VOICE: Yes, adjust the [Inaudible] alarm in.
21
22
                           [Pause.]
                 VOICE: We're going to need more SW. I think we're
23
       going to look at that bypass valve and see if it's in manual.
24
                           [Pause.]
25
```

```
VOICE: Are you at a point you can leave?
 1
                           [Pause.]
 2
                 SPEAKER: The time is 12:45 a.m.
 3
                          [Pause.]
                           [Transmission noise.]
                 VOICE: It's kind of scratchy, but, I can read you,
7
      Paul.
                           [Transmission noise.]
 8
                           [Pause.]
9
                           [Transmission noise.]
10
                           [Pause.]
11
                 VCICE: Farning, control.
12
                           [Transmission noise.]
13
                 VOICE: [Inaudible.]
14
                           [Pause.]
15
                 VOICE: Mike Taylor, come up, please.
16
17
                           [Pause.]
                           [Transmission noise.]
18
                 VOICE: Mike, this is John. I'd like you to verify
19
       that the valve for the [Inaudible] rad monitor is in fact,
20
21
       open.
22
                            [Pause.]
                            [Transmission noise.]
23
                 SPEAKER: The time is 1 a.m.
24
                            [Pause.]
25
```

1	[Transmission noise.]
2	VOICE: Go ahead.
3	[Pause.]
4	[Transmission noise.]
5	VOICE: Say again.
6	[Pause.]
7	VOICE: Supply in [Inaudible] 6550.
8	[Pause.]
9	VOICE: We have a one tag on, Mike.
10	[Pause.]
11	VOICE: Better yet. we'll make it real easy. Just
12	check both of them since they're right there and if they both
13	indicate opan, we know we have flow.
14	(Pause.)
15	Voice: Right. But also right there on the column
26	startion, there's a little blue box with a light bulb and a
1/	control switch on. Are they indicating both open?
18	(Pause.)
19	VOICE: It's right where you go in the door
20	[Inaudible] stairwell as 1 and then on the column that's over
21	by the BCRS [Inaudible] where the [Inaudible] station is,
22	there's another one.
23	[Pause.]
24	VOICE: [Inaudible] indicate open. Thank you.
25	[Pause.]

```
VOICE: Mike Taylor, control.
1
                           [Pause.]
2
                           [Transmission noise.]
3
                 VOICE: Mike, when you get in the [Inaudible] are you
5
      there yet?
                           [Pause.]
6
                           [Transmission noise.]
                 VOICE: Mike, would you close valve 18?
8
                 VOICE: [Inaudible] valve 18.
9
                           [Transmission noise.]
10
11
                           [Pause.]
                 VOICE: This is Taylor. Did you copy?
12
                           [Pause.]
13
                 VOICE: Mike Taylor, control.
14
                           [Pause.]
15
                           [Transmission noise.]
26
                 VOICE: [Insudible] close [Inaudible] valve 18 when
17
       you get there.
18
                           [Pause.]
19
                           [Transmission noise.]
20
                VOICE: Would you give me a phone call, please? I
21
       can barely read you.
22
                 SPEAKER: The time is 1:15 a.m.
23
                           [Transmission noise.]
24
                           [Pause.]
25
```

1		SPEAKER:	The time is 1:30 a.m.
2			[Pause.]
3			[Transmission noise.]
4		VOICE:	Control room. Go ahead.
5			[Pause.]
6			[Transmission noise.]
7		VOICE:	Calling the control room. Say again.
8			[Pause.]
9			[Transmission noise.]
10			[Transmission noise.]
11		VOICE:	Understand that RH valve [Inaudible] is
12	closed.		
13			[Pause.]
14		VOICE:	Mike Taylor, control.
15			[Pause ]
1.6			(Transmission noise.)
17		VOICE:	Is RH valve DP closed?
18			[Pause.]
19			[Transmission noise.]
20		VOICE:	[Inaudible.]
21			[Pause.]
22			[Transmission noise.]
23		VOICE:	I copy, Mike. Thank you.
24			[Pause.]
25			(Transmission noise.)

1		[Pause.]
2	SPEAKER:	The time is 1:45 a.m.
3		[Pause.]
4	VOICE: [	Inaudible] come up, please.
5		[Pause.]
6		[Transmission noise.]
7	***E	ND TAPE 085/086 SIDE B.***
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
13		
19		
20		
21		
22		
23		
24		
25		