

UNITED STATES OF AMERICA

NATIONAL TRANSPORTATION SAFETY BOARD

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Investigation of:

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ENBRIDGE - LINE 6B RUPTURE

\*

Docket No.: DCA-10-MP-007

MARSHALL, MICHIGAN

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Volume 2 of 2

Control Center Recordings  
Enbridge Facilities

Monday  
July 26, 2010

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R E C O R D I N G

07\_26\_2010\_00:02:16\_EDT\_BRD\_2100\_CH\_023

(Unrelated to Enbridge.)

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07\_26\_2010\_00:21:41\_EDT\_BRD\_2100\_CH\_043

CONTROL CENTER: Hello.

UNIDENTIFIED SPEAKER: Darren.

CONTROL CENTER: Hi.

UNIDENTIFIED SPEAKER: (indiscernible).

CONTROL CENTER: I'm just in a meeting right now.

UNIDENTIFIED SPEAKER: Oh, okay. Do you know, tomorrow,  
is it jeans?

CONTROL CENTER: Yeah, it's jean, yeah.

UNIDENTIFIED SPEAKER: We can relax a little bit.

CONTROL CENTER: You betcha. Actually jean shorts.

UNIDENTIFIED SPEAKER: Jean shorts.

CONTROL CENTER: Yeah, you can wear jean shorts  
tomorrow.

UNIDENTIFIED SPEAKER: And denim --

CONTROL CENTER: Yeah.

UNIDENTIFIED SPEAKER: -- denim tops and stuff, cutoff.

CONTROL CENTER: Yeah, cutoffs.

UNIDENTIFIED SPEAKER: Cutoff sleeves with [REDACTED]  
underneath. Is Dave Beck in tonight?

CONTROL CENTER: Who?

1 UNIDENTIFIED SPEAKER: Dave Beck?

2 CONTROL CENTER: Yeah, he is.

3 UNIDENTIFIED SPEAKER: Does he have two tickets or  
4 something for me?

5 CONTROL CENTER: I don't know.

6 UNIDENTIFIED SPEAKER: Okay. I'll talk to him.

7 CONTROL CENTER: Okay.

8 UNIDENTIFIED SPEAKER: Later.

9 CONTROL CENTER: Bye.

10 **07\_26\_2010\_00:26:57\_EDT\_BRD\_2100\_CH\_023**

11 (Unrelated to Enbridge.)

12 \* \* \*

13 **07\_26\_2010\_00:27:43\_EDT\_BRD\_2100\_CH\_038**

14 (Unrelated to Enbridge.)

15 \* \* \*

16 **07\_26\_2010\_00:30:20\_EDT\_BRD\_2100\_CH\_035**

17 CONTROL CENTER: Hi, LeAnna. Darren here.

18 LeANNA: Uh-huh.

19 CONTROL CENTER: Hey, sorry for bothering you. Back up  
20 to Flanagan there, and our WCS pool --

21 LeANNA: Uh-huh.

22 CONTROL CENTER: -- do you guys have any issues pumping  
23 out WCS that's destined for [REDACTED] from a WCS that's  
24 destined for [REDACTED]?

25 LeANNA: No.

1 CONTROL CENTER: Okay.

2 LeANNA: As long as they're all --

3 CONTROL CENTER: WCS.

4 LeANNA: Yes, they're fine.

5 CONTROL CENTER: Perfect. That's what I thought. Sorry  
6 for bothering you. I know --

7 LeANNA: You're welcome.

8 CONTROL CENTER: -- the operators said sometimes they  
9 get a little finicky with this. So I figure I'd better touch base  
10 with you guys.

11 LeANNA: Yeah, in some cases maybe if we had high 10 and  
12 we were buffering something.

13 CONTROL CENTER: Okay.

14 LeANNA: Something odd like that. For the most part, as  
15 long as it's just a pool, they can do whatever they like.

16 CONTROL CENTER: Yeah. Looking ahead here, it looks  
17 like we're going to be putting [REDACTED] WCS into [REDACTED] WCS tank. So  
18 we're going to commingle it anyway. So I thought I would just  
19 touch base with you guys.

20 LeANNA: Yep.

21 CONTROL CENTER: All right. Thanks, LeAnna. Sorry for  
22 bothering you.

23 LeANNA: That's okay.

24 CONTROL CENTER: Have a good night.

25 LeANNA: Bye.

1 \* \* \*

2 **07\_26\_2010\_00:32:52\_EDT\_BRD\_2100\_CH\_014**

3 CONTROL CENTER: Hey, Jim.

4 JIM: Hi. I'm reloading your Line 14.

5 CONTROL CENTER: Okay.

6 JIM: So it's going to shut down and you can start it up  
7 in about three minutes.

8 CONTROL CENTER: Okay. Will do.

9 JIM: Okay. Bye.

10 \* \* \*

11 **07\_26\_2010\_01:33:18\_EDT\_BRD\_2100\_CH\_013**

12 CONTROL CENTER: Hey.

13 UNIDENTIFIED SPEAKER: Howdy.

14 CONTROL CENTER: Hi, buddy.

15 UNIDENTIFIED SPEAKER: I'm just giving you a 10-minute  
16 heads up here.

17 CONTROL CENTER: All right.

18 UNIDENTIFIED SPEAKER: We have a little over 15 minutes  
19 left. So 10 minutes, we'll be looking for some boostage.

20 CONTROL CENTER: Okay. I'm opening up my valve now.

21 UNIDENTIFIED SPEAKER: Sound greats. Thanks.

22 CONTROL CENTER: Thanks, man.

23 UNIDENTIFIED SPEAKER: Yep.

24 CONTROL CENTER: Bye.

25 \* \* \*



1 DAVE: Texas.

2 CONTROL CENTER: Texas, that's correct.

3 DAVE: How far is that?

4 CONTROL CENTER: It's about a 7½-hour drive.

5 DAVE: Oh, that's not too bad.

6 CONTROL CENTER: No, not at all.

7 DAVE: Okay. Well, we're coming up to an AWB batch.

8 CONTROL CENTER: That's correct.

9 DAVE: Tank 76.

10 CONTROL CENTER: Okay.

11 DAVE: All right.

12 CONTROL CENTER: All right. I'm going to -- I went

13 ahead did a fast rate on the last batch just because

14 (indiscernible) heavy ones that's a pain in the [REDACTED].

15 DAVE: Okay.

16 CONTROL CENTER: So I'll jack up the rate on this one.

17 DAVE: Okay. That'll take us through morning for sure.

18 CONTROL CENTER: Yep.

19 DAVE: Right on.

20 CONTROL CENTER: All right.

21 DAVE: Well, you have some good days off when you get

22 there.

23 CONTROL CENTER: Yeah, you, too, since you start

24 tomorrow.

25 DAVE: And it's actually not supposed to be bad weather.

1 It's been raining here like crazy lately. This big storm's coming  
2 through. So the weather hasn't been great to have days off but it  
3 should be better this week.

4 CONTROL CENTER: Are you going to do anything or just --

5 DAVE: The kids want to go swimming every day pretty  
6 well, and --

7 CONTROL CENTER: Yeah.

8 DAVE: -- and hang out with dad I guess.

9 CONTROL CENTER: Well, that's cool.

10 DAVE: Yeah, it should be fun.

11 CONTROL CENTER: Okay.

12 DAVE: All right. I'll let you go and take her easy.

13 CONTROL CENTER: Okay.

14 DAVE: Okay.

15 CONTROL CENTER: All right. Bye.

16 DAVE: Bye.

17 \* \* \*

18 **07\_26\_2010\_01:43:15\_EDT\_BRD\_2100\_CH\_013**

19 CONTROL CENTER: Hey, buddy.

20 UNIDENTIFIED SPEAKER: Hey. Can I have some boostage  
21 for 3 please?

22 CONTROL CENTER: I thought you said 15 minutes, man.

23 UNIDENTIFIED SPEAKER: Well, no, 15 minutes until I go  
24 even. So it was 10 minutes until I was going to phone you right  
25 now which is 5 minutes ahead of time that I need to get things



1 rolling.

2 CONTROL CENTER: Holy smoke.

3 UNIDENTIFIED SPEAKER: I know.

4 CONTROL CENTER: Okay. There they go.

5 UNIDENTIFIED SPEAKER: Right on.

6 CONTROL CENTER: Thanks, bud.

7 UNIDENTIFIED SPEAKER: Okay. Thanks.

8 CONTROL CENTER: Bye.

9 \* \* \*

10 **07\_26\_2010\_01:46:18\_EDT\_BRD\_2100\_CH\_023**

11 DAVE: (indiscernible) Dave speaking.

12 UNIDENTIFIED SPEAKER: Hey, I lied to you. I think I'm  
13 going to run the fast rate until it gets to the refinery and then  
14 I'll slow down, just so we keep on schedule.

15 DAVE: Okay. That's no problem.

16 UNIDENTIFIED SPEAKER: Okay.

17 DAVE: Yep, sounds good.

18 UNIDENTIFIED SPEAKER: All right.

19 DAVE: All right. Take her easy.

20 UNIDENTIFIED SPEAKER: All right. Bye.

21 DAVE: Bye.

22 \* \* \*

23 **07\_26\_2010\_01:52:52\_EDT\_BRD\_2100\_CH\_023**

24 CONTROL CENTER: (indiscernible).

25 UNIDENTIFIED SPEAKER: Flipping.

1 CONTROL CENTER: Flipping, hey. Yeah, sure.

2 UNIDENTIFIED SPEAKER: Okay.

3 CONTROL CENTER: Okay.

4 UNIDENTIFIED SPEAKER: You bet.

5 \* \* \*

6 **07\_26\_2010\_01:56:11\_EDT\_BRD\_2100\_CH\_023**

7 (Unrelated to Enbridge.)

8 \* \* \*

9 **07\_26\_2010\_02:18:28\_EDT\_BRD\_2100\_CH\_013**

10 CONTROL CENTER: Ready for a buster?

11 UNIDENTIFIED SPEAKER: No, not yet. We're probably  
12 going to open up in a few minutes here. So I'll give you a call  
13 when --

14 CONTROL CENTER: Okay.

15 UNIDENTIFIED SPEAKER: -- it goes closer. Okay.

16 CONTROL CENTER: Sounds good. Thanks.

17 UNIDENTIFIED SPEAKER: Bye.

18 \* \* \*

19 **07\_26\_2010\_02:20:35\_EDT\_BRD\_2100\_CH\_023**

20 CONTROL CENTER: Booster now?

21 UNIDENTIFIED SPEAKER: No. One minute.

22 CONTROL CENTER: All right.

23 UNIDENTIFIED SPEAKER: Okay.

24 \* \* \*

25 **07\_26\_2010\_02:22:25\_EDT\_BRD\_2100\_CH\_023**

1 CONTROL CENTER: Boosters now?

2 UNIDENTIFIED SPEAKER: Please.

3 CONTROL CENTER: Okay. There it goes.

4 UNIDENTIFIED SPEAKER: Thank you.

5 CONTROL CENTER: Thanks.

6 \* \* \*

7 **07\_26\_2010\_03:30:53\_EDT\_BRD\_2100\_CH\_030**

8 CONTROL CENTER: Control Center, Tim speaking.

9 BOB: Hey, Tim.

10 CONTROL CENTER: How's it going?

11 BOB: This is Bob.

12 CONTROL CENTER: Pretty good.

13 BOB: We're out and ready to rock and roll sort of.

14 CONTROL CENTER: Sounds good.

15 BOB: I'm still looking at 1:00.

16 CONTROL CENTER: Yeah, yeah, for sure.

17 BOB: All right. Well, we'll call you when we've got  
18 action going on out here.

19 CONTROL CENTER: Sounds great.

20 BOB: All right. Thank you.

21 CONTROL CENTER: Okay. Thanks.

22 BOB: You bet. See you.

23 CONTROL CENTER: Yep. Okay. Bye.

24 \* \* \*

25 **07\_26\_2010\_03:32:54\_EDT\_BRD\_2100\_CH\_030**

1 CONTROL CENTER: Control Center, Tim speaking.

2 UNIDENTIFIED SPEAKER: Sorry, I forgot to ask you.

3 What's your rate going to be?

4 CONTROL CENTER: I'm not sure. I'm only guessing about  
5 1600 for the --

6 UNIDENTIFIED SPEAKER: Okay.

7 CONTROL CENTER: -- bypass here. Once we get the pigs  
8 through, then I'll wind her up.

9 UNIDENTIFIED SPEAKER: You bet. Perfect. That's what  
10 we'll put in the spreadsheet. Thank you.

11 CONTROL CENTER: You'll have to wait, like I said, until  
12 I'm actually flowing. I'm not sure (indiscernible) here.

13 UNIDENTIFIED SPEAKER: Yep, yep, no problem.

14 CONTROL CENTER: Okay.

15 UNIDENTIFIED SPEAKER: That'll be close enough. Thank  
16 you.

17 CONTROL CENTER: Right on.

18 UNIDENTIFIED SPEAKER: Okay. Oh, and are they still  
19 planning on leaving it shut down until the second one gets  
20 through?

21 CONTROL CENTER: Yeah, I think so.

22 UNIDENTIFIED SPEAKER: Oh, okay.

23 CONTROL CENTER: Yeah.

24 UNIDENTIFIED SPEAKER: Sometimes that changes because  
25 somebody wants to pump a bunch of oil and so they make you fire it

1 up. So --

2 CONTROL CENTER: Normally I do. I just -- I run in  
3 between, but the way they had it set up, I was just going to go  
4 with what they had.

5 UNIDENTIFIED SPEAKER: Sure. Excellent. Thank you very  
6 much.

7 CONTROL CENTER: Right on. We'll talk to you in a bit.

8 UNIDENTIFIED SPEAKER: Okay. Bye.

9 CONTROL CENTER: Yep. Okay. Bye.

10 \* \* \*

11 **07\_26\_2010\_04:00:44\_EDT\_BRD\_2100\_CH\_024**

12 CONTROL CENTER: Howdy.

13 UNIDENTIFIED SPEAKER: Hey, Tim, it's 101.

14 CONTROL CENTER: You're opening up.

15 UNIDENTIFIED SPEAKER: You want me to open up.

16 CONTROL CENTER: Yes, please.

17 UNIDENTIFIED SPEAKER: Okay. Then we'll open up.

18 CONTROL CENTER: Okay. I'll SMO my valves to you.

19 UNIDENTIFIED SPEAKER: Okay.

20 CONTROL CENTER: Wonderful.

21 UNIDENTIFIED SPEAKER: All right.

22 CONTROL CENTER: Thanks.

23 UNIDENTIFIED SPEAKER: Bye.

24 \* \* \*

25 **07\_26\_2010\_04:04:21\_EDT\_BRD\_2100\_CH\_030**

1 CONTROL CENTER: Hello.

2 MATT: Hey.

3 CONTROL CENTER: Hey, Matt.

4 MATT: I'm planning on starting up 6B. I have a valve  
5 632 that is unknown. I've driven upstream and we should be good.

6 CONTROL CENTER: Right on, buddy.

7 MATT: That valve is not a normal sectionalizing valve.  
8 So it shouldn't have been touched. I sent an open to it just in  
9 case it comes back, and it should be good to go here.

10 CONTROL CENTER: Right on, chipper.

11 MATT: Okay. Thanks.

12 CONTROL CENTER: Thanks, man.

13 \* \* \*

14 **07\_26\_2010\_04:04:49\_EDT\_BRD\_2100\_CH\_024**

15 CONTROL CENTER: Yes.

16 UNIDENTIFIED SPEAKER: You're good there, dude?

17 CONTROL CENTER: I'm good. I'm holding one  
18 (indiscernible) at the moment. Do you want me to lower it down to  
19 165 or so?

20 UNIDENTIFIED SPEAKER: Yeah, just so that I'm not in  
21 force at Howell and then we'll bring it down after that.

22 CONTROL CENTER: Okay, man. That sounds good.

23 UNIDENTIFIED SPEAKER: Sounds great.

24 CONTROL CENTER: Okay. Thanks.

25 UNIDENTIFIED SPEAKER: Thanks.

1

\* \* \*

2

**07\_26\_2010\_04:12:45\_EDT\_BRD\_2100\_CH\_030**

3

UNIDENTIFIED SPEAKER: Yes.

4

CONTROL CENTER: Howdy.

5

UNIDENTIFIED SPEAKER: What did you break?

6

CONTROL CENTER: Line 6B, I'm just starting up.

7

UNIDENTIFIED SPEAKER: And you got column sep.

8

CONTROL CENTER: (Indiscernible), yep.

9

UNIDENTIFIED SPEAKER: Okay.

10

CONTROL CENTER: Right on. Thanks.

11

UNIDENTIFIED SPEAKER: All right. Bye.

12

\* \* \*

13

**07\_26\_2010\_04:21:30\_EDT\_BRD\_2100\_CH\_027**

14

CONTROL CENTER: Hello.

15

UNIDENTIFIED SPEAKER: Hey, there.

16

CONTROL CENTER: Hey, man.

17

UNIDENTIFIED SPEAKER: [REDACTED]

[REDACTED]

in about 10 minutes.

19

CONTROL CENTER: Okay. Thanks, buddy.

20

UNIDENTIFIED SPEAKER: Thank you.

21

CONTROL CENTER: Bye.

22

UNIDENTIFIED SPEAKER: Bye.

23

\* \* \*

24

**07\_26\_2010\_04:23:49\_EDT\_BRD\_2100\_CH\_030**

25

CONTROL CENTER: Hello.

1 TIM: Hey.

2 CONTROL CENTER: Hey, Chubber.

3 TIM: It's me again. Line 6B --

4 CONTROL CENTER: Yeah.

5 TIM: -- my Mendon pipe, pump, I started it 10 minutes  
6 ago. Marshall went from 0 to 1 pound. It hasn't really moved a  
7 whole bunch, but that pump, when I started it, I started it at  
8 controlled and it's just opening up and it's just that slow one.  
9 So it really hasn't had a good chance to fill in Marshall.  
10 Marshall really isn't doing anything. My MBS is just starting to  
11 react some flow in that area.

12 CONTROL CENTER: Okay. So we're at the 10 minute mark  
13 right now?

14 TIM: I started Mendon 10 minutes ago, yeah. It's just  
15 filling in. It's just coming off of suction right now, and that's  
16 just the little pump there because I'm bypassing Niles on the  
17 startup.

18 CONTROL CENTER: Okay. What --

19 TIM: Okay. I can't -- sorry?

20 CONTROL CENTER: What's your holding at Sarnia?

21 TIM: We're into Marysville.

22 CONTROL CENTER: 132?

23 TIM: Yes. Yeah, I was saying, like I haven't --  
24 Stockbridge hasn't moved. Howell hasn't moved.

25 CONTROL CENTER: Can they bring that up?



1 TIM: Yeah, they can.

2 CONTROL CENTER: Yeah, you just got another pump.

3 TIM: Oh, there it is. It's moving. That's the thing.  
4 I'm not overly worried, just because I'm bypassing Niles and I  
5 only have the small pump on at Mendon. As soon as I can get the  
6 big pump on at Mendon, I'm sure Marshall will fill in. I just --  
7 because I'm bypassing and I just have that small pump on, it's  
8 taking -- they must have drained this line out good when they shut  
9 it down.

10 CONTROL CENTER: Okay.

11 TIM: I wasn't overly worried yet. It's just I hit 10  
12 minutes; I thought I better phone you guys.

13 CONTROL CENTER: Yeah, no, that's good, Chubber.

14 TIM: So, yeah, I'm going to try to get another pump on  
15 at Mendon here and then I'll be able to fill in Marshall.

16 CONTROL CENTER: Sounds good.

17 TIM: Okay. Right on.

18 CONTROL CENTER: Thanks.

19 \* \* \*

20 **07\_26\_2010\_04:24:41\_EDT\_BRD\_2100\_CH\_024**

21 CONTROL CENTER: Howdy.

22 UNIDENTIFIED SPEAKER: Hey, man. Pretty slow going at  
23 startup, hey?

24 CONTROL CENTER: Yes, very slow. That's why I'm just  
25 wondering either they really drained it out, which I think they

1 did, because I don't have any pressure farther down the line.

2 UNIDENTIFIED SPEAKER: Yeah, they must have because I'm  
3 still trying to hold 150 and it's just sitting there.

4 CONTROL CENTER: Yeah, exactly. Or else I'm -- or else  
5 I'm leaking. One of the two.

6 UNIDENTIFIED SPEAKER: Well, either way it'll be fun.

7 CONTROL CENTER: Okay. So I'm going to try to get that  
8 bigger unit on at Mendon now that I finally got the small unit off  
9 of suction there.

10 UNIDENTIFIED SPEAKER: Sure.

11 CONTROL CENTER: And then if Marshall doesn't start  
12 reacting soon then, yeah, I will be shutting down. But for right  
13 now I am going to kind of swing up at Mendon and get some oil into  
14 Marshall there.

15 UNIDENTIFIED SPEAKER: You know what I'm going to do in  
16 the short term? I'm going to pump it up to 170.

17 CONTROL CENTER: Yep. Yep.

18 UNIDENTIFIED SPEAKER: And if we're almost closed,  
19 whatever, it will react to it later.

20 CONTROL CENTER: Yeah, exactly. We'll wait until at  
21 least we get into Stockbridge or whatever.

22 UNIDENTIFIED SPEAKER: Yeah, that's fine. Just once you  
23 start turning on the ones at like the second two stations below  
24 Stockbridge --

25 CONTROL CENTER: Yeah.

1 UNIDENTIFIED SPEAKER: -- let me know.

2 CONTROL CENTER: Okay. Sounds great.

3 UNIDENTIFIED SPEAKER: Thanks, man.

4 CONTROL CENTER: Okay, thanks.

5 UNIDENTIFIED SPEAKER: Bye.

6 \* \* \*

7 **07\_26\_2010\_04:35:58\_EDT\_BRD\_2100\_CH\_024**

8 CONTROL CENTER: Yeah, you got some trouble. Hey.

9 UNIDENTIFIED SPEAKER: Hey, could you tell us how much  
10 oil we landed since we started up?

11 CONTROL CENTER: 262.

12 UNIDENTIFIED SPEAKER: 262.

13 CONTROL CENTER: Yeah.

14 UNIDENTIFIED SPEAKER: Okay.

15 CONTROL CENTER: In about 35 minutes.

16 UNIDENTIFIED SPEAKER: Thanks, Darcy.

17 CONTROL CENTER: Yep.

18 UNIDENTIFIED SPEAKER: Bye.

19 CONTROL CENTER: Bye.

20 \* \* \*

21 **07\_26\_2010\_04:41:17\_EDT\_BRD\_2100\_CH\_023**

22 CONTROL CENTER: Hello. Joseph.

23 DAVE: Hey, Joseph. Dave from Enbridge calling.

24 CONTROL CENTER: Yeah, Dave.

25 DAVE: We're about an hour away from Line 6 there at

1 Fosterton (ph.), 081.

2 CONTROL CENTER: Hold on man.

3 DAVE: Okay.

4 CONTROL CENTER: I've got to put my cheaters on. I  
5 can't see that thing there. Fosterton, 810, one hour out, okay.

6 DAVE: Okay.

7 CONTROL CENTER: Hey, thanks.

8 DAVE: Call you then. Yeah. Bye.

9 \* \* \*

10 **07\_26\_2010\_04:42:43\_EDT\_BRD\_2100\_CH\_023**

11 CONTROL CENTER: Hello.

12 UNIDENTIFIED SPEAKER: Hi, I have 237 first to start  
13 Clearbrook on that change that's going through.

14 CONTROL CENTER: 237.

15 UNIDENTIFIED SPEAKER: Yeah.

16 CONTROL CENTER: That's pretty close. You gave me 236  
17 last time.

18 UNIDENTIFIED SPEAKER: That's on, yeah, that's on track  
19 though, but I've just got to double track here which I'm getting.  
20 Yeah, about 2:31 on track.

21 CONTROL CENTER: Okay. Yeah.

22 UNIDENTIFIED SPEAKER: Yeah.

23 CONTROL CENTER: Sounds good.

24 UNIDENTIFIED SPEAKER: We're cool.

25 CONTROL CENTER: Okay. Thanks.

1 UNIDENTIFIED SPEAKER: You're welcome.

2 CONTROL CENTER: Bye.

3 UNIDENTIFIED SPEAKER: Bye.

4 \* \* \*

5 **07\_26\_2010\_04:54:58\_EDT\_BRD\_2100\_CH\_030**

6 CONTROL CENTER: Control Center, Tim speaking.

7 MR. JACKSON: Tim this is Dick Jackson out here on Line  
8 6 tracking. Looks like we're about an hour out of Niles station.

9 CONTROL CENTER: Sounds great.

10 MR. JACKSON: Okay.

11 CONTROL CENTER: Okay, thanks.

12 MR. JACKSON: Yep. Bye.

13 CONTROL CENTER: Okay, bye.

14 \* \* \*

15 **07\_26\_2010\_04:55:34\_EDT\_BRD\_2100\_CH\_030**

16 JACK: ██████████ Toledo, Jack speaking.

17 CONTROL CENTER: Hey, there. Dave from Enbridge  
18 calling.

19 JACK: Yeah.

20 CONTROL CENTER: Yeah, we're ready to cut C311 on Line  
21 17 there.

22 JACK: Okay.

23 CONTROL CENTER: Okay.

24 JACK: Thank you.

25 CONTROL CENTER: You betcha. Bye.

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07\_26\_2010\_05:00:13\_EDT\_BRD\_2100\_CH\_044

CONTROL CENTER: Hey (indiscernible).

TIM: Shut her down?

CONTROL CENTER: Well, give her, give her one more minute.

TIM: Okay. Because we -- not that we're losing, but we're not gaining at Mendon anymore.

CONTROL CENTER: On discharge?

TIM: Yeah. It's just leveled. It just plateaued out. It leveled out.

CONTROL CENTER: Right. So you're doing -- you think you're doing 1800 an hour at Mendon right now?

TIM: At Mendon, no. I might be doing 15 maybe.

CONTROL CENTER: Yeah.

TIM: Probably, probably around that 15.

CONTROL CENTER: So you got 20, 20 minutes -- 20.79 plus 10.

TIM: 20.7, so that's right now.

CONTROL CENTER: Okay. Just hold on one second here.

TIM: Okay.

CONTROL CENTER: Hey, Darcy? Darcy? Hey Darcy? Darcy? Hey, how much you got (indiscernible) now? Is it still 260?

DARCY: Yeah, it's 269 now.

CONTROL CENTER: 269? I can't get any more out of it.

1 What do you think, Matt?

2 MATT: (indiscernible).

3 CONTROL CENTER: What are we going to do? Okay. I  
4 guess shut her down, (indiscernible).

5 TIM: Okay.

6 CONTROL CENTER: Okay.

7 TIM: Okay. Bye.

8 \* \* \*

9 **07\_26\_2010\_05:04:46\_EDT\_BRD\_2100\_CH\_030**

10 BOB: Bob.

11 CONTROL CENTER: Hey, Bob. It's Tim in the Control  
12 Center.

13 BOB: Hi, Tim.

14 CONTROL CENTER: I thought I'd just let you know I shut  
15 down 6B here. We're having some technical difficulties.

16 BOB: Oh, okay.

17 CONTROL CENTER: So I'll let you know here when, when we  
18 can get her back up. You can let your partner know?

19 BOB: I sure will.

20 CONTROL CENTER: Sounds great. So I'll (indiscernible)  
21 talking to you right away here.

22 BOB: You bet. Thank you.

23 CONTROL CENTER: Thanks, Bob.

24 BOB: You bet. Bye.

25 CONTROL CENTER: Bye.

1

\* \* \*

2

**07\_26\_2010\_05:33:08\_EDT\_BRD\_2100\_CH\_023**

3

DAVID: David speaking.

4

RECORDING: You are receiving a call from MPL. This

5

call will be recorded.

6

PAUL: Hey, this is Paul from [REDACTED].

7

DAVID: Hey.

8

PAUL: Hey, I was just wondering what time you guys were

9

looking at coming into Sarnia with some Cold Lake.

10

DAVID: Let's see here. Cold Lake should be happening

11

about 1147 our time. So that's what, 1347 yours?

12

PAUL: What time are you guys?

13

DAVID: Right now.

14

PAUL: Yeah.

15

DAVID: 2:34.

16

PAUL: So it's a 2-hour difference.

17

DAVID: Two hour difference, yeah. 1347.

18

PAUL: 1347. Okay. That sounds good.

19

DAVID: All right, man.

20

PAUL: Thank you.

21

DAVID: Bye.

22

\* \* \*

23

**07\_26\_2010\_05:35:35\_EDT\_BRD\_2100\_CH\_023**

24

JOSEPH: (indiscernible) Joseph.

25

CONTROL CENTER: Hey, Joseph. Dave calling.



1 JOSEPH: Yeah, Dave.

2 CONTROL CENTER: Coming at you on Line 6.

3 JOSEPH: Yes, sir.

4 CONTROL CENTER: All right.

5 JOSEPH: All right, man. Thank you.

6 CONTROL CENTER: You betcha. Bye.

7 \* \* \*

8 **07\_26\_2010\_05:36:50\_EDT\_BRD\_2100\_CH\_014**

9 UNIDENTIFIED SPEAKER: Hey, Bill.

10 BILL: This is it.

11 UNIDENTIFIED SPEAKER: All right. Let's do it.

12 BILL: All right.

13 UNIDENTIFIED SPEAKER: Bye.

14 BILL: Bye.

15 \* \* \*

16 **07\_26\_2010\_06:10:01\_EDT\_BRD\_2100\_CH\_051**

17 CONTROL CENTER: Control Center, Tim speaking.

18 MR. CARTER: Hey, Tim. This is Darrell Carter from the  
19 Niles station.

20 CONTROL CENTER: Yes, Darrell.

21 MR. CARTER: What time do you want me at the station?

22 CONTROL CENTER: I don't know yet. We're shut down on  
23 6B.

24 MR. CARTER: What happened?

25 CONTROL CENTER: We're trying to start up and we're not

1 getting any pressure into Marshall, so we're shut down until we  
2 can investigate and see, see if we're leaking or what we're doing  
3 there.

4 MR. CARTER: Okay. So you got in touch with Brian?

5 CONTROL CENTER: Three?

6 MR. CARTER: You're at Marshall station? You got, you  
7 got in touch with Brian Whittaker?

8 CONTROL CENTER: No, no. We didn't phone anybody yet.  
9 We're seeing what's happening here yet.

10 MR. CARTER: Okay. Then thank you.

11 CONTROL CENTER: Okay?

12 MR. CARTER: All righty. Bye-bye.

13 CONTROL CENTER: Okay, thanks.

14 \* \* \*

15 **07\_26\_2010\_06:26:05\_EDT\_BRD\_2100\_CH\_051**

16 CONTROL CENTER: Control Center, Tim speaking.

17 MR. WREN: Yeah, I've got a -- my phone rang. Are you  
18 calling?

19 CONTROL CENTER: No. No.

20 MR. WREN: Oh, okay. I don't know how I answered you,  
21 but --

22 CONTROL CENTER: Okay.

23 MR. WREN: -- I must have hit a dial back number or  
24 something. Sorry.

25 CONTROL CENTER: Honestly, that's okay.

1 MR. WREN: What line are you on?

2 CONTROL CENTER: 3 and 6 and 17.

3 MR. WREN: 3 and -- oh, okay. Well, this is Russell  
4 Wren (ph.). We're going to be working on Line 3 today.

5 CONTROL CENTER: Okay.

6 MR. WREN: Rick (indiscernible) will probably be calling  
7 you a little bit later around 7:00 too, so.

8 CONTROL CENTER: Okay. Right on.

9 MR. WREN: Okay. Thanks Tim.

10 CONTROL CENTER: Thanks. Yep.

11 MR. WREN: Bye.

12 CONTROL CENTER: Okay, bye.

13 \* \* \*

14 **07\_26\_2010\_06:29:28\_EDT\_BRD\_2100\_CH\_051**

15 CONTROL CENTER: Control Center, Tim speaking.

16 VERNON: Hey, Tim. This is Vernon here on 6B. Hey,  
17 we're going to be here between milepost 720.0430 and 720.0881.  
18 And we're going to be doing some sandblasting and analytical and  
19 some digging.

20 CONTROL CENTER: Okay.

21 VERNON: Line up, down, what? What's going on there?

22 CONTROL CENTER: Right now it's down. Hopefully it's  
23 going up soon, but I don't know yet.

24 VERNON: Okey dokey. All right. Talk to you later  
25 then. You got my number?

1 CONTROL CENTER: [REDACTED] ?

2 VERNON: Oh, is that showing up?

3 CONTROL CENTER: That's what's showing up.

4 VERNON: Okay. This is my -- this my backup phone  
5 because my other one I think is getting ready to go down so that's  
6 why I thought I'd go ahead and call on this one.

7 CONTROL CENTER: Okay.

8 VERNON: Put this one and the [REDACTED] down also.

9 CONTROL CENTER: Sounds great.

10 VERNON: Okay. Appreciate it.

11 CONTROL CENTER: Okay. Thanks Vernon.

12 VERNON: Goodbye.

13 \* \* \*

14 **07\_26\_2010\_06:31:50\_EDT\_BRD\_2100\_CH\_013**

15 CONTROL CENTER: Are you shutting down?

16 UNIDENTIFIED SPEAKER: Yeah, we're going to start  
17 totally shutting down.

18 CONTROL CENTER: Okay. Sounds good. Okay.

19 \* \* \*

20 **07\_26\_2010\_06:34:54\_EDT\_BRD\_2100\_CH\_035**

21 BLAINE: Hello?

22 CONTROL CENTER: Blaine?

23 BLAINE: Yep.

24 CONTROL CENTER: Hey. Darren here in the Control  
25 Center.

1 BLAINE: Um-hum.

2 CONTROL CENTER: Sorry to bother you.

3 BLAINE: No problem.

4 CONTROL CENTER: You're just getting out of the shower,  
5 right?

6 BLAINE: Yeah.

7 CONTROL CENTER: Yeah. Hey, we've got kind of puzzler  
8 here for Line 6B. We're scheduled to start up -- start it up.  
9 The line was drained off. Quite often they break the column there  
10 at Marshall and we, we typically have to fill it. Got running and  
11 got the line going. Started, started the station upstream.  
12 Didn't get any pressure at Marshfield for, for some time. Got a  
13 pound here, a pound there. Kind of got up to 4 pounds. However,  
14 after that we weren't receiving any, any pressure.

15 BLAINE: Okay.

16 CONTROL CENTER: So basically, pumping in there  
17 expecting pressure and not getting it.

18 BLAINE: Not getting it, yeah.

19 CONTROL CENTER: Now, we, we calculated our numbers to  
20 have looked at draining about 632 cubes roughly on the line, so --

21 BLAINE: Um-hum.

22 CONTROL CENTER: So once, once we figured, okay, we're  
23 not getting any pressure, we, we got those numbers, figured, okay,  
24 well, let's go 600 cubes should fill it. So we had a time that we  
25 actually figured we would reach and by the time we reached that we

1 should have been -- we should be have been there.

2 BLAINE: Right.

3 CONTROL CENTER: We didn't get any pressure on that  
4 time. However, there was several, I guess -- well, not several  
5 factors, but there's a couple things that potentially might have  
6 hurt us in that situation.

7 BLAINE: Okay.

8 CONTROL CENTER: One, we had Mendon station upstream on,  
9 which is pulling on a hill, which wasn't helping our situation.  
10 Basically we're just pulling the -- pulling the pressure away from  
11 the area that, that we were expecting the pressure to come in.

12 BLAINE: Right.

13 CONTROL CENTER: So we weren't coming at it fast enough.

14 BLAINE: Um-hum.

15 CONTROL CENTER: And looking at it, we had -- so we had  
16 that going on. Plus we were bypassing Niles for a pig upstream so  
17 we couldn't -- we didn't have enough pressure upstream to overcome  
18 the column set that we had.

19 BLAINE: Okay.

20 CONTROL CENTER: And -- well, I mean in hindsight we  
21 should have --

22 BLAINE: Um-hum.

23 CONTROL CENTER: -- you know, shut the one unit off and  
24 come at it a little harder from, from upstream like at La Porte.

25 BLAINE: Okay.

1 CONTROL CENTER: But we -- but we didn't, so we've shut  
2 down. But when it was all said and done we put in about 1600  
3 cubes.

4 BLAINE: Okay.

5 CONTROL CENTER: And we only took out about 270 cubes.  
6 So in discussions with the MBS --

7 BLAINE: Um-hum.

8 CONTROL CENTER: Jim's on today, which is good.

9 BLAINE: Yeah.

10 CONTROL CENTER: He figures that we're not -- we weren't  
11 coming at it hard enough. Obviously we've got MBS alarms because  
12 we had the columns set, but --

13 BLAINE: Right.

14 CONTROL CENTER: -- he said that we -- he figured we  
15 weren't coming at it hard enough and we were pulling away -- like  
16 I had mentioned maybe when we shouldn't have been.

17 BLAINE: Um-hum.

18 CONTROL CENTER: I guess, but with that being said, you  
19 know, it sounds like, you know, all those factors we don't -- we  
20 didn't -- you know, in hindsight maybe we should have shut that  
21 one pump off --

22 BLAINE: Um-hum.

23 CONTROL CENTER: -- and had higher suction at the, at  
24 the -- what station is it here? Oh, sorry about this. Okay.  
25 Yeah, so we should have had higher suction at Mendon. And I held

1 the pressure back so that when it came into Marshfield downstream  
2 it would have had a bigger wave, so --

3 BLAINE: Mendon is just upstream on the cycle?

4 CONTROL CENTER: Yeah, exactly. So, you know, with --  
5 but with that being said, you know, it looks like we didn't come  
6 at it hard enough and, and Mendon on when we shouldn't have had it  
7 on and waited till the pressure really built up upstream, right?

8 BLAINE: Um-hum. Um-hum.

9 CONTROL CENTER: But like I said, with that being said  
10 we shouldn't have to put in 1600 cubes in order to pack that line.  
11 I guess it just shouldn't work. Like the numbers don't add up.

12 BLAINE: It shouldn't have took that much.

13 CONTROL CENTER: Yeah. So, yeah, we're kind of -- we're  
14 sitting here, you know, Mendon upstream -- at Mendon everything's  
15 fine. All the pressure's there. Downstream at Marshfield area  
16 our pressure is zero, so --

17 BLAINE: Um-hum.

18 CONTROL CENTER: I mean it -- we got the 4 pounds and as  
19 soon as we shut down it went to zero.

20 BLAINE: Okay. Who's on 6B? Who's on the line?

21 CONTROL CENTER: Tim Chubb. Yeah, so, you know, we're  
22 kind of at that point where, you know, [REDACTED] we should have shut  
23 off Mendon station earlier.

24 BLAINE: Um-hum.

25 CONTROL CENTER: And that would have maybe helped us out



1 in this situation, but then -- but then again, you know, you put  
2 that much new volume in I'm not too sure if that's -- you know,  
3 typically talking to the operator that, you know, queued up 700  
4 cubes, sometimes they drain off. You know, typically it's only  
5 about 200 cubes --

6 BLAINE: Um-hum.

7 CONTROL CENTER: -- until you can get that column back.

8 BLAINE: Right. Right, right.

9 CONTROL CENTER: But it's been shut down since 5:00  
10 yesterday in that section, so.

11 BLAINE: Okay. So --

12 CONTROL CENTER: I guess from our standpoint, you  
13 know --

14 BLAINE: Do you try again or do you --

15 CONTROL CENTER: Right. Exactly.

16 BLAINE: -- assume there's a leak.

17 CONTROL CENTER: Yeah, exactly. And I can get Jim over  
18 here and get him on speaker phone and have, have him go through  
19 what he sees on his end --

20 BLAINE: Okay.

21 CONTROL CENTER: -- from -- but, yeah, I'll grab him  
22 here and --

23 BLAINE: Okay.

24 CONTROL CENTER: -- just get his, his opinion. Okay.  
25 I'll just put you on speaker here.

1 BLAINE: Okay.

2 CONTROL CENTER: Hey Blaine?

3 BLAINE: Yeah.

4 CONTROL CENTER: I got Jim here so --

5 JIM: Hi, Blaine.

6 BLAINE: Good morning.

7 JIM: So as far as we're concerned in the MS -- MBS  
8 world it's just -- it's severely broken columns.

9 BLAINE: Um-hum.

10 JIM: On the startup. we did have a problem at Niles  
11 because they're bypassing it. And in the model they don't have  
12 bypass valve, so we had do a little manipulation in order to, to  
13 get it to read the correct pressures on both sides.

14 BLAINE: Okay.

15 JIM: But there's still model pressure. So as far as,  
16 you know, we're concerned we're intact up until we get to Mendon.

17 BLAINE: Right.

18 JIM: And then from Mendon down it looks like we're  
19 still going to attempt to put the columns together.

20 BLAINE: Still no, no pressure from -- well, no pressure  
21 at Marshall I guess?

22 JIM: Nope. So once they're shut down everything is in,  
23 is in a static state. We're not showing anything that's severely  
24 draining. I mean in the rare event that we actually did have  
25 something open to the atmosphere it would have to be at the higher

1 elevations.

2 BLAINE: Um-hum.

3 JIM: And we're probably no worse off than when we  
4 initially tried to start it than what we're at right now.

5 BLAINE: Right. So it'd be your recommendation to  
6 probably try to, try to do this again.

7 JIM: Yeah, I -- you know, I wouldn't, I wouldn't  
8 recommend trying to start it again. You still need to get, you  
9 still need to get a significant amount of pressure past Mendon --

10 BLAINE: Um-hum.

11 JIM: -- to fill in the columns.

12 BLAINE: Um-hum.

13 JIM: And I think initially on the startup that probably  
14 wasn't the case.

15 BLAINE: Okay.

16 JIM: I mean the volumes look really large, but the  
17 line's been down for a while and there was two separate shutdowns  
18 that's probably accounting for some of those losses both in  
19 Stockbridge and into -- and in Sarnia.

20 BLAINE: Right. Still -- but typically Darren was  
21 saying that's probably about 300 max, that it takes 300 cubes to  
22 fill that column, but this one's a little different, eh?

23 JIM: Yeah. I, I just don't think we have the energy  
24 from upstream because of Niles being out of service.

25 BLAINE: Um-hum.

1           JIM: That's the extra little kick that would have been  
2 enough to push Mendon and allow it to fill in.

3           BLAINE: Okay.

4           JIM: That's -- you're talking almost 135 miles --

5           BLAINE: Right.

6           JIM: -- between stations right now from La Porte down  
7 to Mendon.

8           BLAINE: Okay.

9           CONTROL CENTER: Yeah, I guess the question I have is  
10 if, if we put in 1600 cubes, why didn't it get there?

11          BLAINE: And where did it go?

12          CONTROL CENTER: Right.

13          JIM: Well, it went into line pack for one thing because  
14 you're pushing it, you're pushing it through 137 miles of pipe, so  
15 you've got to pack that section in order to get any type of flow  
16 in.

17          BLAINE: Um-hum.

18          JIM: And that was basically -- it was fairly low  
19 pressure there on startup, so that's going to suck up a lot of  
20 cubes per hour right there.

21          BLAINE: Yeah, but typically they -- it's not that much  
22 volume, right?

23          JIM: No, but --

24          CONTROL CENTER: The pressures were a little lower, but  
25 not, not too crazy.

1 BLAINE: Um-hum.

2 JIM: I'd say that one of the overriding factors would  
3 be bypassing Niles on the startup.

4 BLAINE: Right.

5 CONTROL CENTER: So all you have is Griffith, La Porte.

6 JIM: You got basically two stations and you got hold it  
7 back at Mendon, which we did. We started Mendon when we got some  
8 pressure there. We should have built up a little more energy with  
9 those two stations at La Porte and Griffith and then, then started  
10 Mendon once we had a significant amount there.

11 BLAINE: So why did we do that?

12 JIM: Well, we had enough to start a unit, right?

13 BLAINE: I see that, yeah.

14 JIM: We had, we had enough. We had differentials. We  
15 just maybe should have waited a little longer.

16 BLAINE: Okay. Well, I guess we can try it again. I  
17 guess there's two choices. You either consider it a leak or try  
18 it again.

19 CONTROL CENTER: Yeah. We haven't talked to regional  
20 management yet.

21 BLAINE: Okay.

22 JIM: I'd like to get their, their ideas on it.

23 CONTROL CENTER: I think to be cautious hold off  
24 starting the unit at Mendon until you can get pressure past that  
25 station.

1 BLAINE: Um-hum.

2 CONTROL CENTER: Then once you get pressure past that  
3 station then you know you've got that column intact and then  
4 you're free to start up Mendon and then start monitoring from  
5 Stockbridge down.

6 BLAINE: Right.

7 CONTROL CENTER: Because really you've got about three  
8 steps here in order to put these columns back together. You know,  
9 you'll get one together and then it'll start to pack so it's, it's  
10 still going to take time to get all of them together. They're not  
11 all going to come together all at once.

12 BLAINE: Right. Right.

13 CONTROL CENTER: And plus, as soon as you open up and  
14 start it you're going to continue to drain.

15 BLAINE: Um-hum.

16 JIM: We just can't get that first column together  
17 because of, because of that energy or there's a hole.

18 BLAINE: Right.

19 JIM: Right.

20 BLAINE: That's a lot of packing, but I guess -- you can  
21 get regional's -- do you need -- what does the procedure say?  
22 Does it say to get their approval first?

23 CONTROL CENTER: Let me take a quick look here.  
24 (indiscernible) consider this.

25 BLAINE: Going outside the 10 minute.

1 CONTROL CENTER: Right. Temporary alarm -- it's not a  
2 valid alarm. Yeah -- okay, reassessment. Yeah, if after 10  
3 minutes an analysis of the alarm is not complete, shut down the  
4 pipeline and stand by for analysis. (indiscernible) supported by  
5 the alarm execute the MBS valid alarm procedure.

6 BLAINE: Um-hum.

7 CONTROL CENTER: If the MBS support advises the alarm is  
8 false, execute the temporary alarm procedure. So what are you  
9 calling this?

10 JIM: I'm calling it a false alarm.

11 CONTROL CENTER: Okay. So false alarm procedure -- if  
12 shift leader MBS determines that the MBS alarm is temporary,  
13 pipeline operator continue normal operations. No pipeline  
14 shutdown is required. Or if the pipeline was shut down resume  
15 normal operations.

16 BLAINE: So you don't need regional?

17 CONTROL CENTER: No. The only time we would need -- I  
18 guess it would be verified

19 BLAINE: Right.

20 CONTROL CENTER: Yeah. So -- yeah, so if it's valid,  
21 then the operator shut down, request MBS to provide information,  
22 contact, please contact regional management or contact  
23 (indiscernible) admin on call. And that's if it's valid.

24 BLAINE: That's if it's valid, yeah.

25 CONTROL CENTER: Yeah.

1           BLAINE: So after analysis we're thinking this is not  
2 valid?

3           CONTROL CENTER: Yeah.

4           BLAINE: Yeah, and we'll try --

5           CONTROL CENTER: Yeah, it's just -- yeah, it's just one  
6 of those things where, you know, we've done a couple things. You  
7 started Mendon a little too early.

8           BLAINE: Uh-huh.

9           CONTROL CENTER: Didn't get enough pressure there.  
10 Coming at it a little slower because of Niles and, you know, and  
11 we drained off, you know, 600 cubes, but like I said we put in  
12 1600 and we still haven't seen it, so we've packed the line  
13 somewhere else or put it, put on the ground.

14          BLAINE: Yeah.

15          CONTROL CENTER: And it's -- I mean the, the MBS alarms  
16 mean that it's -- or Jim's saying they're false --

17          BLAINE: Um-hum.

18          CONTROL CENTER: -- due to the column sep, but -- and  
19 right now he said that when we're static everything seems to be  
20 intact.

21          JIM: Our in balances haven't changed over the last  
22 hour. They're still the same as what they were originally.

23          BLAINE: So we don't, we don't show any draining  
24 anywhere?

25          CONTROL CENTER: No. Well, with Marshall they're out,



1 so.

2 BLAINE: Right.

3 CONTROL CENTER: We probably wouldn't see anything  
4 there.

5 BLAINE: Yeah, this is a good one.

6 CONTROL CENTER: Like it's -- yeah. It's one of those  
7 ones where, you know, do you go at it hard for another 10 minutes  
8 and --

9 BLAINE: Um-hum.

10 JIM: I don't think 10 minutes is going to  
11 (indiscernible).

12 BLAINE: It's like you're starting over again.

13 JIM: Yeah, that's exactly it.

14 CONTROL CENTER: Yeah, we can't measure the pressures  
15 between La Porte and Mendon with Niles being out because the  
16 pressure transmitters are inside the station.

17 BLAINE: Oh, okay.

18 CONTROL CENTER: But we're not reading out -- anything  
19 out on the main line. I do have one pressure that I am getting  
20 back, but it's not in the model and I'd have to reconfigure the  
21 model in order to be able to use it. But I can monitor it on  
22 startup.

23 BLAINE: Okay.

24 CONTROL CENTER: (indiscernible) as the pressure climbs.

25 BLAINE: Um-hum.

1 CONTROL CENTER: We can use that as a measurement point  
2 to see if, if we can an increase through Niles, you know, is that  
3 increase making it down to Mendon.

4 BLAINE: Right.

5 CONTROL CENTER: And we did have enough pressure at  
6 Mendon to start up. Obviously it is at the bottom of the hill.

7 BLAINE: Um-hum.

8 CONTROL CENTER: But we did get enough pressure there to  
9 start a unit.

10 BLAINE: Well, I don't know. To me it sounds like you,  
11 you need to try again and monitor it like Jim said and do it over  
12 again.

13 CONTROL CENTER: So you -- so go over it again as if  
14 we're doing our regular startup?

15 BLAINE: I would think, yeah.

16 JIM: But by our numbers and --

17 CONTROL CENTER: Well, I think the clock starts once you  
18 have pressure at Mendon. Then your clock starts at that point.

19 BLAINE: Right.

20 JIM: And I think the -- one of the significant things  
21 as long as we don't get a unit on right away at Mendon because  
22 it's only going to struggle in suctioning until you get enough  
23 packing from upstream. And like when we come through Niles we'll  
24 actually have to pump up probably close to about 300 feet to get  
25 to Mendon. So I mean you're overcoming gravity and you're

1 overcoming (indiscernible) at the same time. And that's -- that  
2 has a detrimental effect on what's going to happen at Mendon.

3 BLAINE: Um-hum.

4 JIM: So we need to get probably somewhere, somewhere  
5 around 400 pounds I would think across Niles before you actually  
6 have enough to really support a pump --

7 CONTROL CENTER: At Mendon.

8 JIM: -- at Mendon. And then you've got good flow,  
9 you've got good pressures all the way through and that'll support  
10 Mendon (indiscernible) downstream.

11 CONTROL CENTER: But we don't have any transmitter at  
12 Niles (indiscernible).

13 JIM: No, well I do.

14 CONTROL CENTER: (indiscernible).

15 JIM: I have one out -- there's one on the main line  
16 (indiscernible).

17 CONTROL CENTER: Oh, okay. Yeah, yeah, yeah.

18 JIM: So --

19 CONTROL CENTER: You're going to be able to read that  
20 one (indiscernible).

21 JIM: Absolutely. That'll be our marker point for  
22 pressure (indiscernible).

23 CONTROL CENTER: Well, I think we need to see that at  
24 400 pounds -- 350 to 400 pounds. It's probably to safe to start  
25 your unit at Mendon. And we'll enough suction to support that

1 unit to put out good flow and good discharge.

2 BLAINE: Okay. Well, you'll, you'll monitor that  
3 pressure, Jim?

4 JIM: Yeah, I'll keep an eye on it as we're going  
5 through. I'll follow the whole startup here and just bring up  
6 some key -- some key locations and check the pressures.

7 BLAINE: Okay. Okay. I think that's what I would do,  
8 you guys.

9 CONTROL CENTER: Okay. No, it sounds, sounds good,  
10 Blaine.

11 BLAINE: Okay.

12 CONTROL CENTER: We'll -- yeah, I'll give you a shout  
13 here in about a half hour kind of give you an update.

14 BLAINE: Sure.

15 CONTROL CENTER: And see how that goes. All righty,  
16 man.

17 BLAINE: Sounds good. Thank you

18 CONTROL CENTER: Thanks. Bye.

19 \* \* \*

20 **07\_26\_2010\_06:34:54\_EDT\_BRD\_2100\_CH\_044**

21 CONTROL CENTER: Control Center.

22 BOB: Hey, this is Bob from Enbridge Telecon.

23 CONTROL CENTER: Hey there.

24 BOB: Hey, we got a call from TELUS saying that Herschel  
25 was down.

1 CONTROL CENTER: Oh, yeah?

2 BOB: So do you see it down or --

3 CONTROL CENTER: No.

4 BOB: No?

5 CONTROL CENTER: Well, actually only it would just be --  
6 yeah, I guess we do. We see the primary and -- yeah, the line's  
7 out and we're just on dialup, so I guess the line is out.

8 BOB: Okay. And do we -- is there anybody on site  
9 there?

10 CONTROL CENTER: Not right now, no.

11 BOB: But there is during the day or --

12 CONTROL CENTER: Yeah, during the day there'd be someone  
13 (indiscernible). Yeah, like probably being it's in the middle of  
14 the night we could -- first thing in the morning we could get  
15 someone to go out there.

16 BOB: Okay. TELUS would like us to look at the  
17 equipment and make sure there's power and stuff like that.  
18 Obviously there's power.

19 CONTROL CENTER: Right.

20 BOB: They'd like us to cycle some stuff so --

21 CONTROL CENTER: Okay.

22 BOB: Let me phone TELUS back and then I'll see what  
23 they want to do.

24 CONTROL CENTER: Okay.

25 BOB: And I'll let you know if we need to send somebody.

1 CONTROL CENTER: Sounds good.

2 BOB: Thank you.

3 CONTROL CENTER: Okay. Bye.

4 \* \* \*

5 **07\_26\_2010\_06:35:36\_EDT\_BRD\_2100\_CH\_013**

6 UNIDENTIFIED SPEAKER: Hey.

7 CONTROL CENTER: Hey.

8 UNIDENTIFIED SPEAKER: That unit's coming off. So you  
9 can drop your boosters please.

10 CONTROL CENTER: Okay. It's off.

11 \* \* \*

12 **07\_26\_2010\_06:41:14\_EDT\_BRD\_2100\_CH\_030**

13 CONTROL CENTER: Control Center.

14 NICK: Yes, ma'am. This is Nick with Enbridge out of  
15 Bay City. How are you today?

16 CONTROL CENTER: Not bad. How are you doing today,  
17 Nick?

18 NICK: Good. Good. Just a quick question. Did you get  
19 6B up and running at 0100?

20 CONTROL CENTER: No, we did not.

21 NICK: Did not.

22 CONTROL CENTER: No, it did not happen.

23 NICK: What time -- are you running now?

24 CONTROL CENTER: No, we're not. I have absolutely -- we  
25 have absolutely no idea. We were having issues filling in Mendon,

1 actually Marshall Station, and it's going to be down until further  
2 notice.

3 NICK: Marshall is?

4 CONTROL CENTER: Yes.

5 NICK: Well, what -- I guess, what's the issue?

6 CONTROL CENTER: We couldn't fill the column in.

7 NICK: What's that?

8 CONTROL CENTER: We couldn't fill the column in.

9 NICK: Fill the column in.

10 CONTROL CENTER: Yeah.

11 NICK: Oh, you mean Marshall Station is offline?

12 CONTROL CENTER: No, just we couldn't -- there's no  
13 pressures at the stations. We couldn't push oil into the station.  
14 So we're suspecting a possible leak. We don't know.

15 NICK: Wow. When did that start?

16 CONTROL CENTER: When we were going to start up.

17 NICK: No kidding?

18 CONTROL CENTER: Yeah, so we -- it's been down since  
19 then and we are investigating currently.

20 NICK: Okay.

21 CONTROL CENTER: We do not know --

22 NICK: Is the PLM out there yet?

23 CONTROL CENTER: No we haven't -- I don't think they  
24 sent anybody out yet. They're still just looking at some of the  
25 numbers here and --

1 NICK: Oh, okay.

2 CONTROL CENTER: -- looking to see what's going on and  
3 why.

4 NICK: Okay. Okey dokey. Well, sounds good. I guess  
5 keep me the loop, but I will --

6 CONTROL CENTER: Yes.

7 NICK: We'll try and talk later.

8 CONTROL CENTER: Sure. I'll grab your name and number.

9 NICK: Yeah, it's Nick.

10 CONTROL CENTER: Um-hum.

11 NICK: I'm out of Bay City. I'll be -- I'm actually  
12 going to be pulling the tools when they show up at Stockbridge.

13 CONTROL CENTER: Um-hum.

14 NICK: So that's what I was kind of curious. But the  
15 number is [REDACTED]

16 CONTROL CENTER: Okay. Sounds good, Nick. I will --

17 NICK: I appreciate it.

18 CONTROL CENTER: Yeah, not a problem. I will --

19 NICK: Thank you. I'll talk to you.

20 CONTROL CENTER: Thanks.

21 NICK: Yep. Bye.

22 CONTROL CENTER: Bye.

23 \* \* \*

24 **07\_26\_2010\_06:48:02\_EDT\_BRD\_2100\_CH\_051**

25 CONTROL CENTER: Control Center, Tim speaking.



1 MR. WYATT: Yeah, Tim. This is Kirk Wyatt at milepost  
2 658.1934. How are you doing this morning?

3 CONTROL CENTER: Not too bad.

4 MR. WYATT: Well, good. We're going to be doing some  
5 welding on some sleeves and that's about it today.

6 CONTROL CENTER: Okay.

7 MR. WYATT: It's windy. What's that?

8 CONTROL CENTER: The line is down right now. It's  
9 supposed to be running so it could start up at any time, but it's  
10 down right now.

11 MR. WYATT: Okay.

12 CONTROL CENTER: Okay. [REDACTED]?

13 MR. WYATT: That's the one.

14 CONTROL CENTER: Okay. So you're doing some welding and  
15 -- yeah, the line's down so that's about all I can tell you.

16 MR. WYATT: Okay.

17 CONTROL CENTER: Okay?

18 MR. WYATT: All right. I guess you'll just, just call  
19 me when, when they -- when it comes back on or --

20 CONTROL CENTER: Sounds great.

21 MR. WYATT: All right. We'll talk to you then.

22 CONTROL CENTER: Okay, thanks.

23 MR. WYATT: All right. Thank you. Bye-bye.

24 \* \* \*

25 **07\_26\_2010\_06:49:50\_EDT\_BRD\_2100\_CH\_051**

1 CONTROL CENTER: Control Center, Tim speaking.

2 CURT: Hey, Tim. Curt Richards. We're out here again  
3 at 670.6591.

4 CONTROL CENTER: Okay.

5 CURT: We'll be doing welding all day.

6 CONTROL CENTER: Okay. The line is down --

7 \* \* \*

8 **07\_26\_2010\_06:51:03\_EDT\_BRD\_2100\_CH\_051**

9 CONTROL CENTER: Control Center, Tim speaking.

10 CURT: Yeah, sorry, Tim. We got cut off.

11 CONTROL CENTER: Okay. The contact number?

12 CURT: [REDACTED].

13 CONTROL CENTER: Okay. And the line's down right now.

14 It should be running, but we're just -- we got to wait here to see  
15 if we're going to get her going or not.

16 CURT: When do you think it might turn around?

17 CONTROL CENTER: Well, I don't know. We tried to start  
18 it up and we're having problems here, so we're going to see when  
19 we can get it started back up.

20 CURT: Well, any time then -- give me call because I  
21 have to get the welders out, you know.

22 CONTROL CENTER: Yep. Okay.

23 CURT: Okay. 10-4 thanks.

24 CONTROL CENTER: Okay, thanks.

25 CURT: Bye.

1 \* \* \*

2 07\_26\_2010\_06:52:35\_EDT\_BRD\_2100\_CH\_051

3 CONTROL CENTER: Control Center, Tim speaking.

4 MR. LASHWAY: Hey. This is Tim Lashaway (ph.) working  
5 on the line -- working on Line 6B.

6 CONTROL CENTER: Okay.

7 MR. LASHWAY: Milepost 704.29 and this does have a  
8 restriction on it.

9 CONTROL CENTER: Okay. The line is currently down here  
10 right now.

11 MR. LASHWAY: Okay. Approximately how long?

12 CONTROL CENTER: We don't know. I tried to start it up  
13 and we're having problems. So it could start up 2 minutes after I  
14 talk to you. I'll be phoning you right back or it could be hours.

15 MR. LASHWAY: Uh-oh. Okay. Hey, good luck with that.  
16 You need a phone number.

17 CONTROL CENTER: Yes, please.

18 MR. LASHWAY: [REDACTED].

19 CONTROL CENTER: And what you doing out there, Tim?

20 MR. LASHWAY: We'll be excavating --

21 CONTROL CENTER: Okay.

22 MR. LASHWAY: -- excavating a pipe.

23 CONTROL CENTER: Sounds great.

24 MR. LASHWAY: Okay.

25 CONTROL CENTER: Perfect.

1 MR. LASHWAY: Okay.

2 CONTROL CENTER: I'll talk to you later.

3 MR. LASHWAY: Hey, good luck. Thanks.

4 CONTROL CENTER: Okay. Okay, bye.

5 \* \* \*

6 **07\_26\_2010\_06:56:10\_EDT\_BRD\_2100\_CH\_051**

7 CONTROL CENTER: Control Center, Tim speaking.

8 TODD: Yeah, this Todd at milepost 622.9. Hey, we're  
9 going to be doing some excavating and -- well, actually  
10 backfilling today.

11 CONTROL CENTER: Okay.

12 TODD: MR -- MR-14 is our work order. There shouldn't  
13 be any restrictions.

14 CONTROL CENTER: Okay. Your contact number there?

15 TODD: Yep. It's [REDACTED].

16 CONTROL CENTER: Okay. And the line is currently down  
17 here.

18 TODD: Okay. Great.

19 CONTROL CENTER: Okay?

20 TODD: All right.

21 CONTROL CENTER: Right on.

22 TODD: I'll give you a call when we're done.

23 CONTROL CENTER: Perfect.

24 TODD: All right. Have a good day.

25 CONTROL CENTER: You too.

1 TODD: Bye.

2 \* \* \*

3 **07\_26\_2010\_07:01:36\_EDT\_BRD\_2100\_CH\_051**

4 CONTROL CENTER: Hello.

5 CURT: (indiscernible).

6 CONTROL CENTER: Curt?

7 CURT: Yeah.

8 CONTROL CENTER: (indiscernible) in the Control Center.

9 CURT: Yes, sir.

10 CONTROL CENTER: We're going to get everybody off the  
11 line. I've got to try to start this line up again, and it's  
12 probably going to take forever.

13 CURT: Okay.

14 CONTROL CENTER: We'll call you back when it's safe to  
15 get back to work.

16 CURT: Okay. Thank you, sir.

17 CONTROL CENTER: Okay. Thanks.

18 CURT: Bye.

19 CONTROL CENTER: Bye.

20 \* \* \*

21 **07\_26\_2010\_07:02:13\_EDT\_BRD\_2100\_CH\_014**

22 CONTROL CENTER: Control Center.

23 MIKE: Good morning, Line 4. How are you today?

24 CONTROL CENTER: I'm not bad. How are you?

25 MR. MALATH: Not too bad. Mike Malath, Cromer PLM

1 calling.

2 CONTROL CENTER: Hey, Mike.

3 MR. MALATH: Hey. Is that (indiscernible) run still a  
4 go today from Sauris East to Glenboro (ph.)?

5 CONTROL CENTER: Yes, it is.

6 MR. MALATH: I'm on my way there right now. I'll give  
7 you a call when I get there, and I'll get ready to send it through  
8 (indiscernible).

9 CONTROL CENTER: Okay.

10 MR. MALATH: Any shutdowns today?

11 CONTROL CENTER: No, we -- there aren't any scheduled  
12 ones.

13 MR. MALATH: That's good. My contact number will be a  
14 cell phone.

15 CONTROL CENTER: Okay.

16 MR. MALATH: It'll be area code [REDACTED].

17 CONTROL CENTER: Okay. And your name again?

18 MR. MALATH: Mike Malath, M A L A T H.

19 CONTROL CENTER: Okay.

20 MR. MALATH: And who have I got?

21 CONTROL CENTER: It's Ghazal.

22 MR. MALATH: Ghazal. Okay. Right on.

23 CONTROL CENTER: Okay. Thanks for calling, Mike.

24 MR. MALATH: Yeah, let me know if anything comes up  
25 there today.

1 CONTROL CENTER: Will do.

2 MR. MALATH: Good. Thanks.

3 UNIDENTIFIED SPEAKER: Uh-huh.

4 MR. MALATH: Have a good day.

5 \* \* \*

6 **07\_26\_2010\_07:02:47\_EDT\_BRD\_2100\_CH\_014**

7 DENVER: (indiscernible).

8 CONTROL CENTER: Hey, Denver. It's Ghazal calling you  
9 from 6B. We're going to start up the line here shortly. So I  
10 need you guys to get off the line please.

11 DENVER: Sounds good. We will wait for your call so we  
12 can get back to work.

13 CONTROL CENTER: Okay. Sounds good, Denver.

14 DENVER: All right. Thank you.

15 CONTROL CENTER: Bye-bye.

16 DENVER: Bye.

17 \* \* \*

18 **07\_26\_2010\_07:02:50\_EDT\_BRD\_2100\_CH\_051**

19 CONTROL CENTER: Curt. Curt.

20 CURT: Hello.

21 CONTROL CENTER: Hello.

22 CURT: Yeah, sorry. I was out of the truck here.

23 CONTROL CENTER: Okay. We're going to get you off the  
24 line. I've got to try to start 6B up, and it's probably going to  
25 take forever. So we'll give you a call when the line's up and

1 steady.

2 CURT: Do you think it's going to be more than a half an  
3 hour?

4 CONTROL CENTER: Probably.

5 CURT: Oh, no kidding.

6 CONTROL CENTER: Yeah.

7 CURT: Okay.

8 CONTROL CENTER: Thanks.

9 \* \* \*

10 **07\_26\_2010\_07:03:51\_EDT\_BRD\_2100\_CH\_051**

11 RECORDING: -- to an automatic voice message system,  
12 [REDACTED] is not available. At the tone, please record your  
13 message. When you are finished recording, you may hang up or  
14 press 1 for more options.

15 CONTROL CENTER: (indiscernible), it's Tim in the  
16 Control Center. We need you off the line here for a line startup.  
17 Give me a call in the Control Center to make sure you got this.

18 \* \* \*

19 **07\_26\_2010\_07:04:40\_EDT\_BRD\_2100\_CH\_051**

20 TODD: Enbridge, this is Todd.

21 CONTROL CENTER: Todd, it's Tim in the Control Center.

22 TODD: YES.

23 CONTROL CENTER: We're going to try to start up 6B. So  
24 I'll have to get you off the line here, and it's probably going to  
25 take a while.



1 TODD: Okay. Not a problem.

2 CONTROL CENTER: Okay.

3 TODD: Just give me a call when you're completed.

4 CONTROL CENTER: Sounds great. Thanks, Todd.

5 TODD: All right. Talk to you later.

6 \* \* \*

7 **07\_26\_2010\_07:05:35\_EDT\_BRD\_2100\_CH\_051**

8 DENVER: Say again.

9 CONTROL CENTER: Denver, it's Tim in the Control Center.

10 DENVER: Tim, what's going on today?

11 CONTROL CENTER: We're going to try to start 6B up. So  
12 I'm going to get you off the line here.

13 DENVER: The other girl just called me, too, about 2  
14 minutes ago, and we're off the line and we're waiting for your  
15 call back.

16 CONTROL CENTER: Okay. Yeah, I'm just going to try to  
17 start it up, and it's probably going to take quite a while here,  
18 Denver.

19 DENVER: Really.

20 CONTROL CENTER: I tried to start it up a couple of  
21 hours ago, and we're having all sorts of problems, but I need you  
22 off the line to at least try.

23 DENVER: Yep. Yep, give her, give her a shot and give  
24 me a call when we can get back to work.

25 CONTROL CENTER: Sounds good. Thanks, Denver.

1 DENVER: Thanks, Tim.

2 \* \* \*

3 **07\_26\_2010\_07:06:28\_EDT\_BRD\_2100\_CH\_051**

4 CONTROL CENTER: Vernon, it's Tim in the Control Center.

5 VERNON: Yes, sir.

6 CONTROL CENTER: We're going to try to start up 6B here

7 again. So I'm going to need you off the line.

8 VERNON: Okee doke. You bet.

9 CONTROL CENTER: And it's probably going to take a while  
10 but we'll give you a call when we're done.

11 VERNON: Okay.

12 CONTROL CENTER: Okay. Thanks.

13 VERNON: You bet.

14 CONTROL CENTER: Okay. Bye.

15 VERNON: Okay. Thank you. Bye.

16 \* \* \*

17 **07\_26\_2010\_07:07:11\_EDT\_BRD\_2100\_CH\_051**

18 RECORDING: -- forwarded to an automatic voice  
19 message --

20 \* \* \*

21 **07\_26\_2010\_07:08:19\_EDT\_BRD\_2100\_CH\_030**

22 CONTROL CENTER: Bob, Tim in the Control Center.

23 BOB: Hi.

24 CONTROL CENTER: You probably thought I forgot about  
25 you.

1 BOB: No, I knew you were busy.

2 CONTROL CENTER: Okay. We're going to try to get this  
3 line going here again.

4 BOB: Okay.

5 CONTROL CENTER: No promises. So I'll be a couple of  
6 minutes. I've still got to get valves and stuff moving here, but  
7 I thought I'd give you a heads up.

8 BOB: Thank you. I'll let my cohort know.

9 CONTROL CENTER: Perfect.

10 BOB: Thank you.

11 CONTROL CENTER: Thanks, Bob.

12 BOB: Okay. Yep, see you.

13 CONTROL CENTER: Okay. Bye.

14 \* \* \*

15 **07\_26\_2010\_07:08:28\_EDT\_BRD\_2100\_CH\_014**

16 (No recording.)

17 \* \* \*

18 **07\_26\_2010\_07:08:57\_EDT\_BRD\_2100\_CH\_024**

19 UNIDENTIFIED SPEAKER: Yes, Tim.

20 CONTROL CENTER: Hey, I guess we're going to give this  
21 another try here.

22 UNIDENTIFIED SPEAKER: Yeah, okay.

23 CONTROL CENTER: So --

24 UNIDENTIFIED SPEAKER: (indiscernible).

25 CONTROL CENTER: Yeah.

1 UNIDENTIFIED SPEAKER: Okay.

2 CONTROL CENTER: So can I get you to open up and keep  
3 your hold on high?

4 UNIDENTIFIED SPEAKER: Oh, yeah. It was high before  
5 though.

6 CONTROL CENTER: Yeah, I know.

7 UNIDENTIFIED SPEAKER: Yeah, we'll open up right now --

8 CONTROL CENTER: Yeah.

9 UNIDENTIFIED SPEAKER: -- and it's traveling, and I'll  
10 hold 180 if I can.

11 CONTROL CENTER: Sounds great.

12 UNIDENTIFIED SPEAKER: Later, bud.

13 CONTROL CENTER: Thank you.

14 UNIDENTIFIED SPEAKER: Bye-bye.

15 \* \* \*

16 **07\_26\_2010\_07:09:04\_EDT\_BRD\_2100\_CH\_014**

17 (No recording.)

18 \* \* \*

19 **07\_26\_2010\_07:10:06\_EDT\_BRD\_2100\_CH\_014**

20 RECORDING: -- forwarded to an automatic voice message  
21 system, [REDACTED] is not available. At the tone, please record  
22 your message. When you are finished recording, you may hang up or  
23 press 1 for more options.

24 GHAZAL: Hey, Jim, it's Ghazal calling on behalf of Tim.

25 He needs you guys to get off the line. We're going to be

1 starting up the line here shortly. So please give me a call back  
2 as soon as you get this. Thanks. Bye.

3 \* \* \*

4 **07\_26\_2010\_07:11:10\_EDT\_BRD\_2100\_CH\_044**

5 CONTROL CENTER: Control Center.

6 LYLE: Hey, this is Lyle from the Enbridge Telecon.

7 CONTROL CENTER: Hey, Lyle.

8 LYLE: Hey, so they found the issue with Herschel, some  
9 bad cable, so they need to dispatch some people and Cenesco is  
10 looking for some contact info for the site.

11 CONTROL CENTER: Okay. I guess I can give you the --  
12 they're going to call right now or are they going to wait a bit?

13 LYLE: Well, I can tell them whatever.

14 CONTROL CENTER: Yeah, because I don't want them to call  
15 now because it's -- well, what time is it there? It's --

16 LYLE: I think it's about 5:00 there. I don't think  
17 they roll in --

18 CONTROL CENTER: Yeah. I think you might as well just  
19 wait till 7:00 or whatever because it's not -- you know, it's not  
20 hurting anything or -- so should we do this in a couple hours  
21 or --

22 LYLE: Well, if you'd give me the info I can pass it on  
23 and tell them they can't call until then if you want.

24 CONTROL CENTER: Okay. So you think that they'll wait  
25 or --

1 LYLE: It's your choice. I can, I can hold off and --

2 CONTROL CENTER: Because these guys usually don't like  
3 getting woke up for something that's not -- so Herschel,  
4 Herschel's in the western region. So the maintenance guy there is  
5 Dan Tisler (ph.). And his numbers are [REDACTED].

6 LYLE: Um-hum.

7 CONTROL CENTER: And his cell phone is the same number  
8 [REDACTED].

9 LYLE: Okay.

10 CONTROL CENTER: So that sounds good enough. I guess if  
11 he's -- yeah, he should be -- he's the guy on call so he should  
12 be, he should be around today, so --

13 LYLE: Okay. And you said he comes on shift about 7:00  
14 a.m.?

15 CONTROL CENTER: Yeah, I usually wait till like 7:00 or  
16 8:00 to call him for something like that.

17 LYLE: Okay.

18 CONTROL CENTER: Sounds good, Lyle.

19 LYLE: Thank you.

20 CONTROL CENTER: Okay, bye.

21 LYLE: Bye.

22 \* \* \*

23 **07\_26\_2010\_07:11:43\_EDT\_BRD\_2100\_CH\_024**

24 CONTROL CENTER: Howdy.

25 UNIDENTIFIED SPEAKER: Howdy, Tim. So we are fully open

1 holding 180, trying our best.

2 CONTROL CENTER: Okay.

3 UNIDENTIFIED SPEAKER: That's it, man.

4 CONTROL CENTER: Sounds great.

5 UNIDENTIFIED SPEAKER: Thanks. Let me know if something  
6 changes.

7 CONTROL CENTER: Sounds perfect.

8 UNIDENTIFIED SPEAKER: All right. Cool.

9 CONTROL CENTER: Thanks.

10 UNIDENTIFIED SPEAKER: Bye-bye.

11 \* \* \*

12 **07\_26\_2010\_07:13:03\_EDT\_BRD\_2100\_CH\_051**

13 RECORDING: -- forwarded to an automatic voice message  
14 system, [REDACTED] is not available. At the tone, please record  
15 your message. When you are finished recording, you may hang up or  
16 press 1 for more options.

17 CONTROL CENTER: Jim, it's Tim in the Control Center.  
18 Give me a call please. I'm trying to get 6B started back up.  
19 Just waiting on your call. Okay. Thanks.

20 \* \* \*

21 **07\_26\_2010\_07:19:55\_EDT\_BRD\_2100\_CH\_051**

22 JIM: Good morning.

23 CONTROL CENTER: Jim.

24 JIM: Yes.

25 CONTROL CENTER: I've got to get you off the line here a

1 bit. We're going to try to start 6B up.

2 JIM: Okay.

3 CONTROL CENTER: And it's probably --

4 JIM: Thank you.

5 CONTROL CENTER: -- going to take us a while but we'll  
6 give you a call when it's ready.

7 JIM: All right. Good enough.

8 CONTROL CENTER: Thanks.

9 JIM: Yep.

10 CONTROL CENTER: Goodbye.

11 JIM: Thank you.

12 \* \* \*

13 **07\_26\_2010\_07:31:32\_EDT\_BRD\_2100\_CH\_051**

14 CONTROL CENTER: Control Center, Tim speaking.

15 JERRY: Hey, Tim. This is Jerry (indiscernible) done  
16 here at Line 6B, mile marker 487.7637.

17 CONTROL CENTER: Okay.

18 JERRY: We are getting ready to start work.

19 CONTROL CENTER: Yeah, it's going to be awhile. We're  
20 trying to get the line running. We kind of had it running and  
21 then we had to shut it down and we're starting it up again. So  
22 I'll have to give you a call back before we get going and it could  
23 be a while here, Jerry.

24 JERRY: Okay. You don't want us -- you don't want us to  
25 start any work now then?



1 CONTROL CENTER: No, no. We're in the process of  
2 starting up the line right now. So it's not steady and it could  
3 be a while here Jerry.

4 JERRY: All right. Very good.

5 CONTROL CENTER: Okay. Thanks, Jerry.

6 JERRY: Thank you. Yep, bye.

7 CONTROL CENTER: Goodbye.

8 \* \* \*

9 **07\_26\_2010\_07:32:22\_EDT\_BRD\_2100\_CH\_051**

10 CONTROL CENTER: Control Center.

11 MR. THOMAS: Good morning. Matt Thomas on Line 6A.

12 CONTROL CENTER: Hi, Matt.

13 MR. THOMAS: Hi. Milepost 102, no restrictions and we  
14 are going to get some cement poured today.

15 CONTROL CENTER: Okay.

16 MR. THOMAS: Build fence. So -- and then the number is  
17 701 --

18 CONTROL CENTER: Um-hum.

19 MR. THOMAS: -- 426 --

20 CONTROL CENTER: Okay.

21 MR. THOMAS: -- 0907.

22 CONTROL CENTER: Okay. Sounds good, Matt. Thanks for  
23 the call and --

24 MR. THOMAS: Thank you.

25 CONTROL CENTER: -- give us a call when you're done.

1 MR. THOMAS: Yeah, absolutely. You have a nice one.

2 CONTROL CENTER: Yes, you too.

3 MR. THOMAS: Okay. Bye-bye.

4 \* \* \*

5 **07\_26\_2010\_07:34:46\_EDT\_BRD\_2100\_CH\_030**

6 CONTROL CENTER: Control Center. Do you mind holding a  
7 second please?

8 UNIDENTIFIED SPEAKER: Yes.

9 \* \* \*

10 **07\_26\_2010\_07:35:13\_EDT\_BRD\_2100\_CH\_051**

11 CONTROL CENTER: Control Center.

12 MR. LECHTENBERG: Yes, ma'am. For Line 6B this is Dave  
13 Lechtenberg and I wanted to you let know where we're at and what  
14 we're doing today, please.

15 CONTROL CENTER: Okay. Yeah, go ahead, Dave.

16 MR. LECHTENBERG: Okay. 688.93 --

17 CONTROL CENTER: Dave, do you mind just holding one  
18 second please?

19 MR. LECHTENBERG: Sure.

20 (On hold.)

21 CONTROL CENTER: Okay. Dave, go ahead.

22 MR. LECHTENBERG: Okay. Okay. 688.93 and backfilling a  
23 dig site.

24 CONTROL CENTER: Um-hum.

25 MR. LECHTENBERG: No restrictions and cell phone

1 number --

2 CONTROL CENTER: Um-hum.

3 MR. LECHTENBERG: -- [REDACTED] and I'll let you know  
4 later in the day when we're done.

5 CONTROL CENTER: Dave, I'd actually like you to hold off  
6 for a bit. We're actually starting up the line at the moment. So  
7 just hold off until we give you a call.

8 MR. LECHTENBERG: Okay.

9 CONTROL CENTER: Okay?

10 MR. LECHTENBERG: Thank you very much.

11 CONTROL CENTER: Thank you, Dave.

12 MR. LECHTENBERG: All right. Bye.

13 CONTROL CENTER: Bye.

14 \* \* \*

15 **07\_26\_2010\_07:38:15\_EDT\_BRD\_2100\_CH\_051**

16 CONTROL CENTER: Control Center.

17 BRIAN: Yeah, this is Brian down here at Marshall. I  
18 just got a message. Is 6B shut down because of Marshall Station?

19 CONTROL CENTER: Not because of Marshall. We're just  
20 trying to fill in the column there.

21 BRIAN: You're trying to do -- fill -- oh, okay.

22 CONTROL CENTER: Yeah, we -- but you are at Marshall?

23 BRIAN: Well, I'm, I'm here at the PLM right now. I  
24 just walked in the door and I got a message that the line was shut  
25 down and, and I was the on call person and no one called me, so I

1 was just kind of wondering what was going on.

2 CONTROL CENTER: Well, we're just having issues starting  
3 up the line, just can't seem to fill the column there at Marshall,  
4 so we're trying again.

5 BRIAN: Oh, okay. All right. Well, I'll be out there  
6 in a few minutes and, you know, I guess if there's a problem there  
7 or whatever and you need to get a hold of me I'll be there at the  
8 station.

9 CONTROL CENTER: Okay. And your number is?

10 BRIAN: [REDACTED] --

11 CONTROL CENTER: Okay.

12 BRIAN: -- [REDACTED].

13 CONTROL CENTER: [REDACTED]. And your name again?

14 BRIAN: Brian.

15 CONTROL CENTER: Okay. And just hold on a second,  
16 Brian.

17 BRIAN: All right.

18 CONTROL CENTER: Brian's on his way to the Marshall  
19 Station so (indiscernible).

20 Yeah, give us a call when you get there Brian.

21 BRIAN: Okay.

22 CONTROL CENTER: That'd be great. Thanks.

23 BRIAN: All right. Bye.

24 CONTROL CENTER: Bye.

25 \* \* \*

1                   **07\_26\_2010\_07:40:20\_EDT\_BRD\_2100\_CH\_035**

2                   CONTROL CENTER: Hi.

3                   UNIDENTIFIED SPEAKER: Can you get Tim to open up that  
4 Mendon to another 30. Drop it down to 50.

5                   CONTROL CENTER: Tim, can you open up Mendon for another  
6 30? Okay.

7   \* \* \*

8                   **07\_26\_2010\_07:42:35\_EDT\_BRD\_2100\_CH\_035**

9                   CONTROL CENTER: Yeah.

10                  UNIDENTIFIED SPEAKER: Hey, is it possible if Tim swings  
11 up.

12                  CONTROL CENTER: He can try.

13                  UNIDENTIFIED SPEAKER: All right. Thanks.

14   \* \* \*

15                  **07\_26\_2010\_07:42:58\_EDT\_BRD\_2100\_CH\_051**

16                  CONTROL CENTER: Control Center.

17                  VERNON: Yeah, this is Vernon. Did you all call me and  
18 I missed it?

19                  CONTROL CENTER: No. We called you earlier just to see  
20 if you can get off the line for a bit?

21                  VERNON: Okay. Yeah, we're, we're still off.

22                  CONTROL CENTER: Off the line. Yeah, that's all.

23                  VERNON: Okay. About how much longer do you think?

24                  CONTROL CENTER: A while longer. We're still waiting.

25                  VERNON: Okay. Thanks.

1 CONTROL CENTER: Okay? Thanks Vernon.

2 \* \* \*

3 **07\_26\_2010\_07:43:49\_EDT\_BRD\_2100\_CH\_014**

4 UNIDENTIFIED SPEAKER: Yes, Bill.

5 BILL: This is it.

6 UNIDENTIFIED SPEAKER: Okay.

7 BILL: Okay. Bye.

8 UNIDENTIFIED SPEAKER: Bye-bye.

9 \* \* \*

10 **07\_26\_2010\_07:45:01\_EDT\_BRD\_2100\_CH\_030**

11 CONTROL CENTER: Control Center, Jim speaking.

12 CLIFF: Yeah, Jim this is Cliff (indiscernible),

13 National Pipeline Service. I'm just calling to let you know that  
14 we're back out on Line 17 working this morning.

15 CONTROL CENTER: Sounds great. You have a contact  
16 number there?

17 CLIFF: Yeah, my number is [REDACTED].

18 CONTROL CENTER: [REDACTED]?

19 CLIFF: [REDACTED] -- [REDACTED].

20 CONTROL CENTER: [REDACTED]. Perfect. Thanks.

21 CLIFF: All righty. We'll talk to you later.

22 CONTROL CENTER: Yep. Okay, bye.

23 CLIFF: Goodbye.

24

25 \* \* \*

1                   **07\_26\_2010\_07:45:30\_EDT\_BRD\_2100\_CH\_030**

2                   UNIDENTIFIED SPEAKER: (indiscernible), where do you  
3 think my suction should be at?

4                   CONTROL CENTER: I'd say go down more if you can.

5                   UNIDENTIFIED SPEAKER: Okay. I'll open her up.

6                   CONTROL CENTER: Okay.

7                   UNIDENTIFIED SPEAKER: Sounds great.

8                   CONTROL CENTER: Goodbye.

9   \* \* \*

10                   **07\_26\_2010\_07:46:30\_EDT\_BRD\_2100\_CH\_035**

11                   CONTROL CENTER: Hey, buddy.

12                   UNIDENTIFIED SPEAKER: How's it going?

13                   CONTROL CENTER: Good. Well, I don't know yet. We, we  
14 kind of did some looking around, digging around --

15                   UNIDENTIFIED SPEAKER: Okay.

16                   CONTROL CENTER: -- to kind of check our bases before we  
17 start up again, so --

18                   UNIDENTIFIED SPEAKER: Sure.

19                   CONTROL CENTER: -- right now we're just starting up.  
20 We are currently 10 minutes into differential upstream at  
21 Marshfield.

22                   UNIDENTIFIED SPEAKER: Okay.

23                   CONTROL CENTER: Marshall -- and so, we've got 3 pounds  
24 since we've started up over 10 minutes.

25                   UNIDENTIFIED SPEAKER: Right.

1 CONTROL CENTER: We're just calculating right now. I  
2 don't think we have enough power to actually fix the column.

3 UNIDENTIFIED SPEAKER: Oh, really?

4 CONTROL CENTER: Yeah.

5 UNIDENTIFIED SPEAKER: That's, that's the issue.

6 CONTROL CENTER: Yeah. We're just going to run some  
7 calculations here real quick.

8 UNIDENTIFIED SPEAKER: Okay.

9 CONTROL CENTER: And, and see, see where we end up, but  
10 we've got -- we need 120 pounds just to get from Mendon to  
11 Marshall.

12 UNIDENTIFIED SPEAKER: Marshall, yes.

13 CONTROL CENTER: We've got that, but now we've got to  
14 overcome 300 feet of frictional loss uphill.

15 UNIDENTIFIED SPEAKER: Right.

16 CONTROL CENTER: So we might not have enough juice to  
17 get her, get her up.

18 UNIDENTIFIED SPEAKER: And what station's out of  
19 service?

20 CONTROL CENTER: Niles, which is upstream of Mendon.  
21 It's just because of the pig, right.

22 UNIDENTIFIED SPEAKER: Oh, because of the pig, yes.

23 CONTROL CENTER: We're bypassing it because of the pig,  
24 so --

25 UNIDENTIFIED SPEAKER: [REDACTED], eh?



1 CONTROL CENTER: Yeah.

2 UNIDENTIFIED SPEAKER: It's a weird one.

3 CONTROL CENTER: Yeah.

4 UNIDENTIFIED SPEAKER: Huh. Okay.

5 CONTROL CENTER: So, I mean looking at our trends and  
6 all our pressures there is, there is no abnormal bump and then  
7 release kind of thing.

8 UNIDENTIFIED SPEAKER: Um-hum.

9 CONTROL CENTER: It just -- our trends all look as if we  
10 couldn't put that column together at all.

11 UNIDENTIFIED SPEAKER: Right. Right.

12 CONTROL CENTER: So it, it sounds like -- Zimmel just  
13 did some number crunching and we can't overcome it.

14 UNIDENTIFIED SPEAKER: We can't?

15 CONTROL CENTER: I don't think so.

16 UNIDENTIFIED SPEAKER: Uh-oh.

17 CONTROL CENTER: Yeah.

18 UNIDENTIFIED SPEAKER: So then what? What are our  
19 options then?

20 CONTROL CENTER: Then we -- either we try to -- well,  
21 one we're maxed out on power at Griffith, so we can't --

22 UNIDENTIFIED SPEAKER: Okay.

23 CONTROL CENTER: -- we can't get another unit on there.  
24 At La Porte we only have one unit available to us and that's the  
25 one we got on.

1 UNIDENTIFIED SPEAKER: Okay.

2 CONTROL CENTER: And Niles we, we don't have -- we only  
3 to units but we're bypassing it, so --

4 UNIDENTIFIED SPEAKER: Right.

5 CONTROL CENTER: -- if we can get something on at Niles  
6 and run for a bit with the pig coming in --

7 UNIDENTIFIED SPEAKER: Right. Right.

8 CONTROL CENTER: -- that would help out.

9 UNIDENTIFIED SPEAKER: Something, yeah.

10 CONTROL CENTER: And then or else a little more power  
11 out of Griffith.

12 UNIDENTIFIED SPEAKER: Griffith.

13 CONTROL CENTER: But, but it's -- yeah, it's just one of  
14 those things where, you know, we're giving it what we can  
15 and --

16 UNIDENTIFIED SPEAKER: Right.

17 CONTROL CENTER: -- it's not, not getting there.

18 UNIDENTIFIED SPEAKER: Okay.

19 CONTROL CENTER: So --

20 UNIDENTIFIED SPEAKER: Okay.

21 CONTROL CENTER: All right. We'll -- I'll call you,  
22 I'll call you on your cell here right away.

23 UNIDENTIFIED SPEAKER: Okay.

24 CONTROL CENTER: What do we need? Oh, okay. We need  
25 330 pounds at Mendon to put it together and we only got 270.

1 Yeah, so --

2 UNIDENTIFIED SPEAKER: Okay.

3 CONTROL CENTER: All right? So we'll, we'll call you  
4 back.

5 UNIDENTIFIED SPEAKER: Okay.

6 CONTROL CENTER: Bye.

7

8 \* \* \*

9 **07\_26\_2010\_07:48:23\_EDT\_BRD\_2100\_CH\_030**

10 UNIDENTIFIED SPEAKER: Howdy.

11 CONTROL CENTER: Hey. Can we start unit 4 at La Porte?

12 UNIDENTIFIED SPEAKER: No, we only have one unit  
13 available to us.

14 CONTROL CENTER: Can you start it in an emergency  
15 situation?

16 UNIDENTIFIED SPEAKER: They're all out of service. We  
17 only have one unit that we can run a La Porte.

18 CONTROL CENTER: Even though they're out of service, can  
19 we put them in service?

20 UNIDENTIFIED SPEAKER: I don't -- as far -- well, I can  
21 -- I don't -- as far as I know, we don't have a unit there.

22 CONTROL CENTER: Oh, it's not even there?

23 UNIDENTIFIED SPEAKER: Well, no, they are there but they  
24 took them all out. They only gave us one unit to run in there. I  
25 can try -- if you want, I can try to start it, but I don't think

1 -- I don't know. Do you want me to start it?

2 CONTROL CENTER: Maybe we should call -- I figured 320  
3 at 330. Yeah, let's start it.

4 UNIDENTIFIED SPEAKER: Okay.

5 CONTROL CENTER: Do they say like -- is there some note  
6 that says we shouldn't start them or --

7 UNIDENTIFIED SPEAKER: No, it was a power thing. Before  
8 we had unit 1 and 4 and then they took away 1, 2, 3 and we only  
9 had 4, and then they gave us 1 and they took away 2, 3, 4. We  
10 just weren't supposed to use them.

11 CONTROL CENTER: Let's start number 4.

12 UNIDENTIFIED SPEAKER: Okay.

13 CONTROL CENTER: Okay.

14 UNIDENTIFIED SPEAKER: (indiscernible).

15 CONTROL CENTER: Bye.

16 \* \* \*

17 **07\_26\_2010\_07:50:02\_EDT\_BRD\_2100\_CH\_014**

18 CONTROL CENTER: Hey, Brian, it's Ghazal calling you on  
19 behalf of Tim for 6B. At the La Porte Station, we're having  
20 troubles putting the column back together on Marshall, and we just  
21 need a little more juice. Is there any way we can get any more  
22 units on at La Porte?

23 BRIAN: I'm not sure what's wrong with La Porte. Why  
24 can't you get it up?

25 CONTROL CENTER: Because from (indiscernible) it's

1 either one unit or none. That's just the way it's been for a long  
2 time.

3 BRIAN: Okay. Can you call -- I'm not that familiar  
4 with the situation there. Can you give Darrell Isminger (ph.) a  
5 call?

6 CONTROL CENTER: Brian Isome (ph.), he's an electrician.

7 BRIAN: Isminger. There's Darrell Isminger or there's  
8 Brian Isome.

9 CONTROL CENTER: Uh-huh.

10 BRIAN: Or Dennis Gabriel, the Griffith electricians.

11 CONTROL CENTER: Okay.

12 BRIAN: They should be able to give you an answer on  
13 that.

14 CONTROL CENTER: Okay. Electricians. Okay. Will do.

15 BRIAN: All right. Thanks.

16 CONTROL CENTER: Thank you so much, Brian.

17 BRIAN: You bet.

18 CONTROL CENTER: Bye.

19 \* \* \*

20 **07\_26\_2010\_07:51:02\_EDT\_BRD\_2100\_CH\_051**

21 CONTROL CENTER: Control Center.

22 BRIAN: Yeah, this is Brian here down at Marshall 6B.

23 CONTROL CENTER: Hi.

24 BRIAN: Hey. I was just trying to get a hold of the  
25 operator. They said they've had some problems here with low

1 pressure?

2 CONTROL CENTER: Yeah.

3 BRIAN: Yeah. And I was just looking at the  
4 transmitters now. I just took a look around the station to see if  
5 there was any, you know, leaks or anything like that and I don't  
6 see anything.

7 CONTROL CENTER: Yeah.

8 BRIAN: Or smell any oil.

9 CONTROL CENTER: Yeah. No I think we've figured out  
10 what the problem is.

11 BRIAN: Oh, okay.

12 CONTROL CENTER: Yeah, we don't, we don't have enough  
13 head pressure upstream to overcome the, the column, so --

14 BRIAN: Oh, okay. All right. So it's got to get going  
15 upstream there a little bit and then go?

16 CONTROL CENTER: Yeah. We got to get another pump out  
17 of La Porte and then we should be able to get her going here.

18 BRIAN: Oh, okay. All right. Well, just let them now  
19 that I -- I am here, so if they need to talk to me I'll be right  
20 here at the station.

21 CONTROL CENTER: Okay. Okay, thanks.

22 BRIAN: Okay. Talk to you later.

23 CONTROL CENTER: Okay, bye.

24 BRIAN: Bye.

25 \* \* \*

1                   **07\_26\_2010\_07:53:21\_EDT\_BRD\_2100\_CH\_014**

2                   BRIAN: Hello. This is Brian.

3                   CONTROL CENTER: Hey, Brian. It's Ghazal calling you on  
4 behalf of 6B.

5                   BRIAN: Hi.

6                   CONTROL CENTER: We're having troubles putting  
7 Marshall's column back together, and we figured out that we just  
8 need a little more power upstream to be able to do that. Is there  
9 any way we can get an extra unit on at La Porte?

10                  BRIAN: At La Porte?

11                  CONTROL CENTER: Yeah.

12                  BRIAN: As far as I know, three out of four of them are  
13 working at La Porte.

14                  CONTROL CENTER: Okay. So what -- because they're  
15 saying it's only one unit or nothing. That's what we've been  
16 told. So we are able to bring on another unit?

17                  BRIAN: Yeah. See, what I thought it was, only one unit  
18 was down, number 4, a mechanical problem with the check valves.  
19 So number 4, you can't put on, but as far as I know, you can use  
20 the other three.

21                  CONTROL CENTER: Okay. Do you know any way I might be  
22 able to find out more information or --

23                  BRIAN: The only thing I can tell you, if you have no  
24 alarms for those three, you could go ahead and try to turn one on.  
25 I haven't heard anything about not being able to use the other

1 ones. I think people are under the impression you don't want to  
2 run any other than just one because of power demands or something,  
3 but I mean I could drive out there, but as far as I know,  
4 nothing's locked out. I've been out there not that long ago  
5 unless something else has happened that I'm not aware of. Let me  
6 see. I guess we could -- I could call one of the mechanics and  
7 see if they know of anything that's wrong out there that maybe has  
8 come up since the last time I was out there.

9 CONTROL CENTER: If you could, that would be great. If  
10 not, I'll just relay that the shift lead and -- yeah, we'll see if  
11 we can get one of the other units, 2 or 3 on, but 4 is definitely  
12 a no-no.

13 BRIAN: Yeah, 4 is to be worked on, and as far as I  
14 know, they had complications with that, but if you want, I can  
15 give you a call back. I'll call the mechanics and make sure  
16 there's nothing on their end.

17 CONTROL CENTER: Okay. Sounds good, Brian. That would  
18 be great.

19 BRIAN: Okay. So it's Line 6 then, right?

20 CONTROL CENTER: 6B, yeah.

21 BRIAN: 6b, okay. Okay.

22 CONTROL CENTER: Okay.

23 BRIAN: I'll call you back.

24 CONTROL CENTER: Thanks, Brian. Bye.

25 BRIAN: Okay. Bye.



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07\_26\_2010\_07:53:56\_EDT\_BRD\_2100\_CH\_044

DWAYNE: (indiscernible)

CONTROL CENTER: Hi, Daniel?

DWAYNE: Yes, this is him. Dwayne actually I go by.

CONTROL CENTER: Okay (indiscernible). This is Aaron in the Control Center.

DWAYNE: Yeah, what can I do for you?

CONTROL CENTER: Hey, we're wondering if we can get someone to go up to La Porte this morning.

DWAYNE: Yeah. I tell you what let me make a phone call here and find out if there's anybody that's actually going to in be in that area and if not I'll give you a call back and head that way. What number do I need to call you back on?

CONTROL CENTER: [REDACTED].

DWAYNE: [REDACTED]?

CONTROL CENTER: Yeah.

DWAYNE: All right. I'll give you a call here in just a few minutes.

CONTROL CENTER: Thanks, Dwayne.

DWAYNE: All right, bye.

CONTROL CENTER: Goodbye.

\* \* \*

07\_26\_2010\_07:54:23\_EDT\_BRD\_2100\_CH\_035

CONTROL CENTER: Hey, Dwayne.

1 DWAYNE: Hello?

2 CONTROL CENTER: Hey, Dwayne?

3 DWAYNE: Hey.

4 CONTROL CENTER: We -- yeah, we're, we're just shutting  
5 down. Yeah, we don't have enough power to get that column back  
6 together.

7 DWAYNE: Okay.

8 CONTROL CENTER: So that's, that's good news.

9 DWAYNE: Yeah.

10 CONTROL CENTER: So right now we're just going to call  
11 some field guys, try go get some power, get a couple more units  
12 available for us and be able to get that, that line up and running  
13 there.

14 DWAYNE: It makes sense.

15 CONTROL CENTER: All right, man.

16 DWAYNE: Yeah, thanks.

17 CONTROL CENTER: We'll -- yeah, we'll talk to you  
18 (indiscernible).

19 DWAYNE: Okay.

20 CONTROL CENTER: All right, bye.

21 DWAYNE: Yeah.

22 \* \* \*

23 **07\_26\_2010\_07:54:31\_EDT\_BRD\_2100\_CH\_024**

24 CONTROL CENTER: So there goes that. All my pumps are  
25 down so I don't care. You can close off whenever.

1 UNIDENTIFIED SPEAKER: Yeah.

2 CONTROL CENTER: Because it's not going to take me down  
3 that's for sure.

4 UNIDENTIFIED SPEAKER: Yeah, whatever. I'll wait till  
5 you --

6 CONTROL CENTER: Have you heard what the problem is?

7 UNIDENTIFIED SPEAKER: Yeah, well Jim was trying to  
8 explain it to me.

9 CONTROL CENTER: We don't have enough power to --

10 UNIDENTIFIED SPEAKER: Overcome the frictional losses or  
11 something, yeah (indiscernible).

12 CONTROL CENTER: To even get -- yeah, to even get oil  
13 into Marshall.

14 UNIDENTIFIED SPEAKER: Yeah.

15 CONTROL CENTER: This is great, eh?

16 UNIDENTIFIED SPEAKER: Yeah. Well, I've never seen this  
17 problem. That's kind of interesting, to be honest.

18 CONTROL CENTER: Yeah, this is nice. I like this.

19 UNIDENTIFIED SPEAKER: Have you ever done this?

20 CONTROL CENTER: No not like this.

21 UNIDENTIFIED SPEAKER: Well, neither have I. And to me  
22 like it looks like a leak.

23 CONTROL CENTER: For sure.

24 UNIDENTIFIED SPEAKER: And I'm like holy cow that's  
25 amazing. Like I've never ever heard of that where you can't get

1 enough --

2 CONTROL CENTER: I can pump as hard as I want and I --

3 I'd never over pressure the line?

4 UNIDENTIFIED SPEAKER: Yeah. But doesn't it seem messed  
5 up? Like eventually the oil has to go somewhere.

6 CONTROL CENTER: It has to.

7 UNIDENTIFIED SPEAKER: Like, I don't know.

8 CONTROL CENTER: (indiscernible)

9 UNIDENTIFIED SPEAKER: I don't know. Something about  
10 this feels wrong.

11 CONTROL CENTER: Yup.

12 UNIDENTIFIED SPEAKER: Whatever. We're going home.

13 We're off for a few days.

14 CONTROL CENTER: Exactly.

15 UNIDENTIFIED SPEAKER: Let's not worry about it anymore.

16 CONTROL CENTER: I'm done. Exactly. We're not going to  
17 try this again. Not on our shift.

18 UNIDENTIFIED SPEAKER: No. Are you back on Friday or --

19 CONTROL CENTER: Yes.

20 UNIDENTIFIED SPEAKER: Yeah. Okay. I'll talk to you  
21 then, then.

22 CONTROL CENTER: Okay.

23 UNIDENTIFIED SPEAKER: Take it easy, buddy.

24 CONTROL CENTER: See you.

25 UNIDENTIFIED SPEAKER: Bye.

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07\_26\_2010\_07:56:23\_EDT\_BRD\_2100\_CH\_030

BOB: This is Bob.

CONTROL CENTER: Bob, it's me again.

BOB: It is you again.

CONTROL CENTER: We're shut down again.

BOB: Okay. We're at 55.

CONTROL CENTER: Yeah.

BOB: Not a good morning, huh?

CONTROL CENTER: No, but I get to go home hopefully in the next 20 minutes or so, so then it's somebody else's deal.

BOB: Sweet.

CONTROL CENTER: Good for me. Not good for anybody else though. Yeah. No we just -- we don't have enough power upstream with Niles passed to move oil.

BOB: Oh.

CONTROL CENTER: Yeah.

BOB: So how does that work then, huh?

CONTROL CENTER: I don't know. We're going to try to get another pump at another station here somewhere, but right now it's not working.

BOB: I see.

CONTROL CENTER: Yeah. Interesting.

BOB: (indiscernible).

CONTROL CENTER: So, I need --

1 BOB: (indiscernible) with an old pipeline.

2 CONTROL CENTER: Yeah. Yeah, I got other calls coming  
3 in. I don't have a clue when we're going to start up, but I'm  
4 going to have to let you go here.

5 BOB: See you. Thank you.

6 CONTROL CENTER: Thanks.

7 \* \* \*

8 **07\_26\_2010\_07:56:41\_EDT\_BRD\_2100\_CH\_030**

9 CONTROL CENTER: Control Center, Tim speaking.

10 UNIDENTIFIED SPEAKER: Yeah, Tim. Is Aaron around?

11 CONTROL CENTER: I'll transfer you that way. I'm not  
12 sure. They might be on the phone here yet. I'll try though.

13 UNIDENTIFIED SPEAKER: Okay.

14 \* \* \*

15 **07\_26\_2010\_07:57:17\_EDT\_BRD\_2100\_CH\_044**

16 AARON: Hey.

17 CONTROL CENTER: Hey, I got a call for you.

18 AARON: Okay. Hello, Aaron here.

19 DWAYNE: Hey, Aaron. This is Dwayne.

20 AARON: Hi, Dwayne.

21 DWAYNE: Hey, I got a hold of Darrell. He lives out  
22 that way so he's real close to the station this time in the  
23 morning.

24 AARON: Okay.

25 DWAYNE: And he's going to give you a call and see what

1 you got.

2 AARON: Perfect.

3 DWAYNE: So --

4 AARON: We'll expect --

5 DWAYNE: -- all right.

6 AARON: Thanks --

7 DWAYNE: You did say La Porte, right?

8 AARON: That's right, yep.

9 DWAYNE: Okay. Yeah, he'll -- he'll give you a call and  
10 take care of you.

11 AARON: Thanks, Dwayne.

12 DWAYNE: All righty. Bye.

13 AARON: Bye.

14 \* \* \*

15 **07\_26\_2010\_07:59:36\_EDT\_BRD\_2100\_CH\_014**

16 CONTROL CENTER: Control Center.

17 BRIAN: Hi. This is Brian. Somebody called me about  
18 running more units on -- at La Porte? Was that --

19 CONTROL CENTER: Me. That's right, Brian. That was me.

20 BRIAN: Oh, okay. I just talked to Randy Sheridan.

21 He's the mechanic that's been there the longest that we have now  
22 at Griffith. And he said he don't know of any reason why, why not  
23 to run them, but they -- you know, they service them and  
24 everything, but they haven't ran a lot. And so, if you go to run  
25 them he wouldn't mind if, if he was informed just so at some point

1 he could just check them out while they're running.

2 CONTROL CENTER: Okay.

3 BRIAN: But run one or the other.

4 CONTROL CENTER: Okay. Sounds good.

5 BRIAN: Okay.

6 CONTROL CENTER: I will pass on that message.

7 BRIAN: Okay. Thanks.

8 CONTROL CENTER: Thanks so much for checking into that,  
9 Brian.

10 BRIAN: Uh-huh.

11 CONTROL CENTER: Okay, bye.

12 BRIAN: Bye.

13 \* \* \*

14 **07\_26\_2010\_08:01:18\_EDT\_BRD\_2100\_CH\_014**

15 CONTROL CENTER: Control Center.

16 MR. MALATH: Hey, there. Line 4 how are you today?

17 CONTROL CENTER: Good. How about you?

18 MR. MALATH: Not too bad at all. Mike Malath, Cromer  
19 PLM at Souris East station.

20 CONTROL CENTER: Yeah.

21 MR. MALATH: I had, I had talked to Ghazal there this  
22 morning. And I'm at Souris East now, so I will be sending that  
23 brush pig at 0600.

24 CONTROL CENTER: At 0600?

25 MR. MALATH: Yeah. And who have I got now?



1 CONTROL CENTER: Justin.

2 MR. MALATH: Justin, okay.

3 CONTROL CENTER: Yeah.

4 MR. MALATH: And I left her a contact number.

5 CONTROL CENTER: Yeah, [REDACTED]

6 MR. MALATH: So no shutdowns today? So far?

7 CONTROL CENTER: I -- honestly, I just stepped in the  
8 door.

9 MR. MALATH: Oh, okay.

10 CONTROL CENTER: I really can't tell you. She hasn't,  
11 hasn't even given me the rundown yet.

12 MR. MALATH: Oh, okay.

13 CONTROL CENTER: I have to go step down in the room  
14 there, so if I, if I find out anything, I'll let you know.

15 MR. MALATH: Yeah, let me know.

16 CONTROL CENTER: Okay, thanks. Bye.

17 MR. MALATH: So you're running at 5570 or whatever  
18 today?

19 CONTROL CENTER: I have no idea. Like I said I just, I  
20 just started, like walked in the door. I don't even have my coat  
21 off yet.

22 MR. MALATH: Okay. Yeah, I'll talk to you later then.

23 CONTROL CENTER: Yeah, bye.

24 MR. MALATH: Have a good day, bye.

25 CONTROL CENTER: You too.

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07\_26\_2010\_08:01:48\_EDT\_BRD\_2100\_CH\_030

CONTROL CENTER: Control Center, Tim speaking.

JIM: Hey, Tim, this is Jim (indiscernible).

CONTROL CENTER: Yeah.

JIM: Is there any more word on that pig, if it's been canceled or --

CONTROL CENTER: I haven't heard a thing on that one, Jim. Somebody -- when did they say it was going? Geez, I can't remember. I was talking to the shift leads, and they said that it did get rescheduled but I don't know when. I don't remember when for.

JIM: Okay.

CONTROL CENTER: You're talking Line 6, the crack tool, right?

JIM: Yep, that's right.

CONTROL CENTER: Yeah. No, I don't know any more about it yet.

JIM: Okay.

CONTROL CENTER: Okay.

JIM: Hey, thanks a lot.

CONTROL CENTER: Sounds great. Thanks.

JIM: Yep, bye.

CONTROL CENTER: Okay. Bye.

\* \* \*



1 now.

2 VERNON: Okay.

3 CONTROL CENTER: Okay.

4 VERNON: Okey dokey.

5 CONTROL CENTER: Okay. Thanks.

6 VERNON: Catch you later.

7 CONTROL CENTER: Okay. Bye.

8 \* \* \*

9 **07\_26\_2010\_08:06:03\_EDT\_BRD\_2100\_CH\_051**

10 CONTROL CENTER: Control Center. Just hold for a sec.

11 Hey, Vern? You're good to, you're good to go back. We could be

12 calling you in 5 minutes. It could be a couple hours, I don't

13 know. We're having all sorts of problems with that line, but we

14 are shut down now. Okay? Okay, thanks. Okay, bye.

15 Control Center, Tim speaking.

16 TIM: Hey, this is Tim. I just heard what you told

17 Vernon, so --

18 CONTROL CENTER: Okay.

19 TIM: -- I got it.

20 CONTROL CENTER: We just got shut down like -- and we're

21 having all sorts of troubles here so we are shut down right now.

22 You guys can go to work, but it, like I said, it could be 10

23 minutes, it could be 2 hours before we kick you off the line

24 again.

25 TIM: Okay. Okay, thanks.

1 CONTROL CENTER: Yep, bye.

2 \* \* \*

3 **07\_26\_2010\_08:07:01\_EDT\_BRD\_2100\_CH\_030**

4 CURT: Hello.

5 CONTROL CENTER: Curt?

6 CURT: Yes, sir.

7 CONTROL CENTER: Tim in the Control Center.

8 CURT: Yeah.

9 CONTROL CENTER: We're shut down here again. We're  
10 having all sorts of trouble with the line. So you guys can go  
11 back to work, but we'll be kicking you off the line here again to  
12 try another start, but I don't know. It could be in 10 minutes.  
13 It could be in 2 hours, right.

14 CURT: Okay.

15 CONTROL CENTER: I don't have a real good timeline for  
16 you.

17 CURT: Okay. That's fine. Just give me a call.

18 CONTROL CENTER: Sounds good. Thanks, Curt.

19 CURT: All right. Thank you.

20 CONTROL CENTER: Okay. Bye.

21 \* \* \*

22 **07\_26\_2010\_08:08:08\_EDT\_BRD\_2100\_CH\_030**

23 RECORDING: This is Todd Shane with Enbridge Energy.  
24 Please leave your name and number after the beep and I'll get back  
25 to you as soon as I can. Thanks.



1 Just to let you know where we're at.

2 CONTROL CENTER: Okay. And contact number.

3 LOWELL: [REDACTED].

4 CONTROL CENTER: Sounds great. Thanks Lowell.

5 LOWELL: Okay. Thanks, Tim. Have a good day.

6 CONTROL CENTER: Yep. Okay, bye.

7 LOWELL: Bye.

8 \* \* \*

9 **07\_26\_2010\_08:09:01\_EDT\_BRD\_2100\_CH\_023**

10 CONTROL CENTER: Enbridge, Kelthy speaking.

11 JOHN: Hey, Kelthy. This is John over at Exxon Mobil,  
12 Houston.

13 CONTROL CENTER: Hey, how's it going?

14 JOHN: Good, and you?

15 CONTROL CENTER: Good.

16 JOHN: Hey, are you all finished on Line 6?

17 CONTROL CENTER: Yes, we are.

18 JOHN: All right. Thank you, ma'am.

19 CONTROL CENTER: No problem.

20 JOHN: Bye.

21 CONTROL CENTER: Bye.

22 \* \* \*

23 **07\_26\_2010\_08:09:45\_EDT\_BRD\_2100\_CH\_030**

24 DENVER: Denver speaking.

25 CONTROL CENTER: Denver, it's Tim in the Control Center.

1 DENVER: How are we doing?

2 CONTROL CENTER: Not so good. We're down again on 6B.

3 So you guys can get back to work --

4 DENVER: Okay.

5 CONTROL CENTER: -- but I don't have -- they're going to  
6 have to try to start it again, but I don't know. It could be half  
7 an hour, it could be a couple of hours. So I don't know. They  
8 will be phoning you to kick you back off the line. I just don't  
9 know when yet.

10 DENVER: All right. I will be expecting a call from you  
11 guys then.

12 CONTROL CENTER: Sounds great. Thanks, Denver.

13 DENVER: Yep, thank you, buddy.

14 CONTROL CENTER: Okay.

15 \* \* \*

16 **07\_26\_2010\_08:11:10\_EDT\_BRD\_2100\_CH\_030**

17 JERRY: Jerry.

18 CONTROL CENTER: Jerry, Tim in the Control Center.

19 JERRY: Hi, Tim.

20 CONTROL CENTER: Okay. The line is back down here  
21 again. So you guys are good to go back to work. What are you  
22 guys doing out there, Jerry?

23 JERRY: It's integrity digs.

24 CONTROL CENTER: Okay.

25 JERRY: We are going to be doing the NDE work today and



1 some sandblasting and coating.

2 CONTROL CENTER: Okay. And I didn't get a chance to  
3 look at this work request and restriction on this one?

4 JERRY: No restrictions. The work request number is --  
5 oh, let me, let me look here. The work request number is  
6 GT-317.

7 CONTROL CENTER: Okay. The line right now is down. You  
8 guys are good to go to work, but they will be bugging you again to  
9 try to get this line started. We're having all sorts of troubles  
10 here. I don't know if it could be in a half an hour. It could be  
11 a couple hours. I don't know when, but they'll, they'll be  
12 kicking you off the line again.

13 JERRY: Okay. Very good.

14 CONTROL CENTER: Okay. Thanks, Jerry.

15 JERRY: Yep.

16 \* \* \*

17 **07\_26\_2010\_08:12:35\_EDT\_BRD\_2100\_CH\_030**

18 DAVE: Hello.

19 CONTROL CENTER: Dave, it's Tim in the control room.

20 DAVE: Tim.

21 CONTROL CENTER: Okay. The 6B it's down here again, so  
22 you guys are good to get back to work, but we're having --

23 DAVE: Okay.

24 CONTROL CENTER: -- all sorts of problems here so they  
25 will be calling you again to kick you off the line. But I have --

1 DAVE: Okay.

2 CONTROL CENTER: I don't have any kind of a timeline.  
3 It could be half an hour; it could be a couple hours. I, I  
4 really don't know.

5 DAVE: Yeah. No, that's fine. That's fine. We've got  
6 the pipe, the pipe covered here, Tim, and we're just  
7 (indiscernible) trying to -- some of the slow (indiscernible), so  
8 actually we're in pretty in good shape in terms of the line as far  
9 as being away from it, so --

10 CONTROL CENTER: Okay.

11 DAVE: (indiscernible)

12 CONTROL CENTER: Okay. You're breaking up there.

13 DAVE: Okay. (indiscernible) we're good to go with  
14 (indiscernible).

15 CONTROL CENTER: Okay. We'll talk to you later.

16 DAVE: Okay.

17 \* \* \*

18 **07\_26\_2010\_08:17:14\_EDT\_BRD\_2100\_CH\_030**

19 CONTROL CENTER: Control Center, Tim speaking.

20 DARRELL: Hi Tim. This is Darrell.

21 CONTROL CENTER: Darrell.

22 DARRELL: I'm out at -- I'm going to be out at La Porte  
23 station in less than 5 minutes, so --

24 CONTROL CENTER: Okay. Okay.

25 DARRELL: What's -- what is the scoop out there?

1 CONTROL CENTER: They figure that we need another unit  
2 at La Porte. We have Niles bypassed and we can't get any pressure  
3 into Marshall, so they figure we need another unit at La Porte  
4 just to be able to push oil to get it into Marshall.

5 DARRELL: Okay.

6 CONTROL CENTER: So you're going to --

7 DARRELL: Okay. Are you, are you running unit 1 right  
8 now?

9 CONTROL CENTER: Well, actually we'll shut down, but  
10 yes, we were running unit 1.

11 DARRELL: Okay. So you -- which units do you want to  
12 run?

13 CONTROL CENTER: Well, probably just 1 and 4, the small  
14 one I guess. I don't know.

15 DARRELL: Okay. Well, 4 is still unavailable.

16 CONTROL CENTER: Okay.

17 DARRELL: It's still locked out because of the check  
18 valve problem.

19 CONTROL CENTER: Okay. So what are my choices?

20 DARRELL: Well, 1, 2 or 3.

21 CONTROL CENTER: Okay. Sure then -- I guess any of the  
22 two units there.

23 DARRELL: Okay. All right. Well, I'll be out there in  
24 just a few minutes and I'll give you a call.

25 CONTROL CENTER: Sounds great.

1 DARRELL: Okay.

2 CONTROL CENTER: Okay, thanks.

3 DARRELL: Bye.

4 \* \* \*

5 **07\_26\_2010\_08:21:22\_EDT\_BRD\_2100\_CH\_030**

6 CONTROL CENTER: Control Center, Tim speaking.

7 TODD: Hey, Tim. It's Todd at 622. Hey, my phone went  
8 dead. Were you trying to get a hold of me at all?

9 CONTROL CENTER: Yeah, yeah. I had called you to tell  
10 you that we're shut down. We're having all sorts of problems  
11 here. We're shut down again, so you can get back to work.

12 TODD: Okay.

13 CONTROL CENTER: But we'll probably be bugging you here  
14 again to get you off the line to try to start it up again.

15 TODD: Okay.

16 CONTROL CENTER: Okay?

17 TODD: All right. Thanks.

18 CONTROL CENTER: Do we have a different number here Todd  
19 or --

20 TODD: Yeah. If you can't get a hold of me on that  
21 other one -- I got it charging right now.

22 CONTROL CENTER: All right.

23 TODD: But this is the phone number. It is [REDACTED]  
24 would be my backup phone.

25 CONTROL CENTER: Okay. Sounds great.

1 TODD: Okay.

2 CONTROL CENTER: Okay, thanks.

3 TODD: Yep, bye.

4 CONTROL CENTER: Okay, bye.

5 \* \* \*

6 **07\_26\_2010\_08:22:30\_EDT\_BRD\_2100\_CH\_014**

7 CONTROL CENTER: Control Center?

8 CLAYTON: Hi, Justin?

9 CONTROL CENTER: Yeah.

10 CLAYTON: It's Clayton calling from Souris.

11 CONTROL CENTER: How's it going?

12 CLAYTON: Not bad. And you?

13 CONTROL CENTER: Pretty good.

14 CLAYTON: Yeah?

15 CONTROL CENTER: Yeah.

16 CLAYTON: Hey, what, what kind of rate we doing today?

17 CONTROL CENTER: We are speeding up to 5570. So

18 we're --

19 CLAYTON: Speeding up right now?

20 CONTROL CENTER: No not till 7:00, we speed up to 5570.

21 CLAYTON: Okay 7:00, 5570.

22 CONTROL CENTER: Yeah.

23 CLAYTON: And you're going to run that all day?

24 CONTROL CENTER: Yeah. And as far as Souris down I have  
25 no scheduled shutdowns.

1 CLAYTON: Okay.

2 CONTROL CENTER: You're talking about that pig, right?

3 CLAYTON: Yep, yep.

4 CONTROL CENTER: Yeah. No, there's no shutdowns or  
5 anything, so --

6 CLAYTON: Okay. Well, sounds good.

7 CONTROL CENTER: Perfect.

8 CLAYTON: Okay. Thanks.

9 CONTROL CENTER: Thanks. Bye.

10 UNIDENTIFIED SPEAKER: Bye.

11 \* \* \*

12 **07\_26\_2010\_08:25:38\_EDT\_BRD\_2100\_CH\_051**

13 CONTROL CENTER: Control Center, Tim speaking.

14 DARRELL: Hey, Tim. This is Darrell. Is there anything  
15 I can do to help you guys?

16 CONTROL CENTER: Not right now. We're kind of stuck  
17 because that pig is so close to Niles that even -- we can't even  
18 get Niles turned around to help us out right.

19 DARRELL: Well, they're supposed to give you call. I  
20 just talked to the pig tracker.

21 CONTROL CENTER: Yeah.

22 DARRELL: And I just had to take -- put something on my  
23 stomach because I had to take my meds, you know what I mean?

24 CONTROL CENTER: Yeah. Yeah.

25 DARRELL: I'll be there after awhile. Okay?

1 CONTROL CENTER: Okay. Sounds great.

2 DARRELL: All right, bye.

3 CONTROL CENTER: Okay, thanks.

4 \* \* \*

5 **07\_26\_2010\_08:28:52\_EDT\_BRD\_2100\_CH\_030**

6 CONTROL CENTER: Control Center, Greg here.

7 DARRELL: Hi Greg. Is this Darrell Isminger out at La  
8 Porte station Line 6B.

9 CONTROL CENTER: Hey, how's it going?

10 DARRELL: Okay. I was just talking to Tim. I guess  
11 they want to run two units out here at La Porte. Is that right?

12 CONTROL CENTER: Yeah, I guess so, but I was saying that  
13 I don't think we can because of the power going up.

14 DARRELL: That's, that's what I thought too, but I  
15 didn't know what their needs were. I know they said they got  
16 Mendon bypassed?

17 CONTROL CENTER: Yeah.

18 DARRELL: And I think usually when we've wanted to run  
19 two big units here they've had to get a clearance of some kind  
20 because of the power usage, yeah.

21 CONTROL CENTER: So yeah, I, I just got in actually. So  
22 I don't know. I'm going to have a talk with the shift leads or  
23 whatever and see what they want.

24 DARRELL: Okay.

25 CONTROL CENTER: Are you out at the station right now?





1 like to know if that happens.

2 CONTROL CENTER: Oh, okay. No, I'm sorry. I have a  
3 work order too for someone else then.

4 LEE: Oh, do you? Okay.

5 CONTROL CENTER: Yeah. That's why I just asked.

6 LEE: There's no --

7 CONTROL CENTER: You said this is Lee?

8 LEE: Yeah, this is Lee. We're just putting a sleeve on  
9 there and welding it out today.

10 CONTROL CENTER: Okay.

11 LEE: And, yeah, I usually just phone it in case you  
12 guys shut the line or bump it up. We just usually just kind of  
13 get out of the hole until things stabilize again.

14 CONTROL CENTER: Sounds good. I appreciate the call.  
15 Can I get your phone number there, Lee?

16 LEE: You betcha. It's [REDACTED]

17 CONTROL CENTER: [REDACTED]

18 LEE: -- [REDACTED] --

19 CONTROL CENTER: [REDACTED]

20 LEE: -- [REDACTED]

21 CONTROL CENTER: [REDACTED]. Just to give you a heads up at  
22 7:00, at 0700 we're going to be speeding up --

23 LEE: Okay, sure.

24 CONTROL CENTER: -- the line, so just --

25 LEE: (indiscernible)

1 CONTROL CENTER: -- if you guys want to step back around  
2 7:00 that would be great.

3 LEE: All right. Sounds good.

4 CONTROL CENTER: Thanks. Bye.

5 LEE: Thank you. Bye-bye.

6 \* \* \*

7 **07\_26\_2010\_08:32:03\_EDT\_BRD\_2100\_CH\_030**

8 CONTROL CENTER: Control Center, Greg here. Control  
9 Center.

10 BRIAN: Oh, yeah, this is Brian. I called the wrong,  
11 wrong desk.

12 CONTROL CENTER: Okay.

13 BRIAN: Sorry about that.

14 CONTROL CENTER: Bye.

15 \* \* \*

16 **07\_26\_2010\_08:32:42\_EDT\_BRD\_2100\_CH\_023**

17 (Unrelated to Enbridge.)

18 \* \* \*

19 **07\_26\_2010\_08:33:11\_EDT\_BRD\_2100\_CH\_030**

20 CONTROL CENTER: Control Center, Lines 6 and 3.

21 CLAYTON: Hi. I'm looking for 4.

22 CONTROL CENTER: Oh, you just -- he's on another line  
23 right now.

24 CLAYTON: Oh, is it?

25 CONTROL CENTER: May I help you?

1 CLAYTON: This is Clayton calling from Souris. We were  
2 just going to launch this pig about half an hour early. I just  
3 wanted to check and make sure that wasn't an issue.

4 CONTROL CENTER: Yeah, it looks like he's, he's running.  
5 So it should be no problem.

6 CLAYTON: Okay. Yeah, we're just getting -- we're ready  
7 to launch here, so we'll kick her out.

8 CONTROL CENTER: Okay. (indiscernible).

9 CLAYTON: Okay. All right, bye.

10 CONTROL CENTER: All right.

11 \* \* \*

12 **07\_26\_2010\_08:33:57\_EDT\_BRD\_2100\_CH\_014**

13 CONTROL CENTER: Control Center.

14 BRIAN: Line 14?

15 CONTROL CENTER: Yeah.

16 BRIAN: This is Brian (indiscernible) over at Sherwood.

17 CONTROL CENTER: Yeah?

18 BRIAN: We're going to be starting some switch gear  
19 repairs.

20 CONTROL CENTER: Okay.

21 BRIAN: We're due to start at 8, but your units are down  
22 now, so if it's all right we're going to open up the  
23 (indiscernible) here and start work.

24 CONTROL CENTER: Just a second. Is there a work request  
25 for this one?

1 BRIAN: Is there a work request? Yeah.

2 CONTROL CENTER: Okay. Up at Sherwood, hey? Okay.

3 I'll have to print that off, but there's no restrictions as far as  
4 pressure or anything you guys know over there?

5 BRIAN: Correct, yeah. We're -- we've got an 8-hour  
6 outage starting at 8:00 today and again tomorrow, at 8:00 tomorrow  
7 for 8 hours.

8 CONTROL CENTER: Okay. Yeah -- no, but there's no --  
9 okay. I don't think there's --

10 BRIAN: No pressure.

11 CONTROL CENTER: (indiscernible) yeah. Brian, can I get  
12 a phone number from you?

13 BRIAN: Yeah. [REDACTED]

14 CONTROL CENTER: [REDACTED]

15 BRIAN: -- 382 --

16 CONTROL CENTER: [REDACTED]

17 BRIAN: -- 61 --

18 CONTROL CENTER: [REDACTED]

19 BRIAN: -- 39.

20 CONTROL CENTER: [REDACTED]. Perfect. That's perfect.

21 BRIAN: Okay?

22 CONTROL CENTER: I will give you a call if anything  
23 happens. We're, we're currently slowing down the line right now,  
24 but -- so maybe wait about 10 minutes and then you should be good  
25 to go. Is that all right?

1 BRIAN: Well, you're not running the line now or do you  
2 want -- are you --

3 CONTROL CENTER: Oh, I guess -- yeah, it doesn't really,  
4 really matter for you. There's no units running there, so yeah,  
5 never mind.

6 BRIAN: Okay.

7 CONTROL CENTER: Okay. Sounds good.

8 BRIAN: All right. Thanks.

9 CONTROL CENTER: Thanks, bye.

10 \* \* \*

11 **07\_26\_2010\_08:36:22\_EDT\_BRD\_2100\_CH\_023**

12 GRANT: This is Grant.

13 CONTROL CENTER: Hey, there. It's Kathy here.

14 GRANT: Yeah.

15 CONTROL CENTER: I'm just phoning to confirm the next  
16 batch for Lakehead there.

17 GRANT: Yes.

18 CONTROL CENTER: And I have a CIN-486.

19 GRANT: That is correct.

20 CONTROL CENTER: Okay. I will give you a call when  
21 we're ready to swing to it.

22 GRANT: Sounds good.

23 CONTROL CENTER: Okay. Thanks. Bye.

24 GRANT: Bye.

25 \* \* \*

1                   **07\_26\_2010\_08:36:28\_EDT\_BRD\_2100\_CH\_044**

2                   RECORDING: Hi, this is Jerry. Leave a message, and  
3 I'll get back to you.

4                   At the tone, please record your message. When you are  
5 finished recording, you may hang up or press # for more options.

6                   CONTROL CENTER: Hey, Jerry. Kelly here in the Control  
7 Center. Sorry to bug you on your personal cell, but we need you  
8 man. We need you big time. La Porte, we need to open up some  
9 power there if possible. We're having a hard time getting some  
10 oil over out of Mendon into Herschel and -- yeah, for temporary --  
11 for, you know, a couple of -- I don't know maybe an hour or so we  
12 might need two units out of La Porte. So if you can give me a  
13 call back as soon as you get this, [REDACTED]. Thanks, Jerry.

14   \* \* \*

15                   **07\_26\_2010\_08:38:38\_EDT\_BRD\_2100\_CH\_030**

16                   (No recording.)

17   \* \* \*

18                   **07\_26\_2010\_08:40:23\_EDT\_BRD\_2100\_CH\_014**

19                   CONTROL CENTER: Control Center.

20                   PETE: Yes, Line 6 please.

21                   CONTROL CENTER: He's just on the other line. Can I  
22 take a message?

23                   PETE: Yeah, this is Pete down at Vesper. I was just  
24 wondering where the inspection tool is? What milepost about?

25                   CONTROL CENTER: Just one second. I can't find his pig

1 tracking sheet. Do you mind giving a call back in about 5  
2 minutes?

3 PETE: That's fine.

4 CONTROL CENTER: Okay. Thanks. Bye.

5 \* \* \*

6 **07\_26\_2010\_08:41:55\_EDT\_BRD\_2100\_CH\_014**

7 CONTROL CENTER: Control Center.

8 JEFF: Yeah, its Jeff (indiscernible) from C&C tracking.

9 CONTROL CENTER: Yeah.

10 JEFF: Yeah (indiscernible).

11 CONTROL CENTER: Hello?

12 JEFF: Yeah, hello?

13 CONTROL CENTER: Hey, there you go. You cut out.

14 JEFF: Yeah, they have a bad cell zone through here.

15 Yeah, they, they launched the first pig out of Souris at 0537.

16 CONTROL CENTER: 0537.

17 JEFF: Yeah.

18 CONTROL CENTER: Okay.

19 JEFF: And what kind of rate are we doing now?

20 CONTROL CENTER: We're, we're doing about 4900 and then

21 we're speeding up to 5750 at 7:00.

22 JEFF: (indiscernible) --

23 CONTROL CENTER: Yeah.

24 JEFF: -- another hour and 20 minutes. Who am I

25 speaking to?

1 CONTROL CENTER: With Justin.

2 JEFF: Okay, Justin. Right on. Yeah, it's Jeff here.

3 I'm going to give you my cell number.

4 CONTROL CENTER: I think I got it. [REDACTED] right?

5 JEFF: Yeah. And then Colton (ph.) will be doing pig 2?

6 CONTROL CENTER: Colton?

7 JEFF: Yeah.

8 CONTROL CENTER: Okay. And do you have his number?

9 JEFF: Yeah. It's [REDACTED]. What do they have on  
10 there? Dell?

11 CONTROL CENTER: No. They didn't have anybody.

12 JEFF: Yeah. No, that's -- Colton will be doing pig 2  
13 today, Justin. Now you're -- are you just on for dayshift now or  
14 are you at the end of your shift?

15 CONTROL CENTER: No I just started dayshift.

16 JEFF: Okay. Thanks a lot, Justin. We'll talk to you  
17 through the day.

18 CONTROL CENTER: Okay. Sounds good. Have a good one.

19 JEFF: You too.

20 CONTROL CENTER: Bye.

21 \* \* \*

22 **07\_26\_2010\_08:46:14\_EDT\_BRD\_2100\_CH\_030**

23 UNIDENTIFIED SPEAKER: Hey, Greg.

24 CONTROL CENTER: What's going on?

25 UNIDENTIFIED SPEAKER: Not much.



1 CONTROL CENTER: Hey, so --

2 UNIDENTIFIED SPEAKER: A little scared, but other than  
3 that it's good. What's up?

4 CONTROL CENTER: What's the deal with La Porte? Like --

5 UNIDENTIFIED SPEAKER: Did you just get your unit there?

6 CONTROL CENTER: Yeah, but I was -- we only -- we can't  
7 run two units at La Porte --

8 UNIDENTIFIED SPEAKER: Yeah, I know.

9 CONTROL CENTER: -- with the power.

10 UNIDENTIFIED SPEAKER: We're looking -- yeah, we're  
11 phoning Jerry here right now.

12 CONTROL CENTER: And I don't even -- to be honest, I  
13 don't -- like we never ever have ran two units to bypass a  
14 station.

15 UNIDENTIFIED SPEAKER: Yeah. (indiscernible) when Chubb  
16 was running there --

17 CONTROL CENTER: Yeah.

18 UNIDENTIFIED SPEAKER: -- he had two units on at  
19 Griffith and one out of La Porte and he started with 70 pounds  
20 away.

21 CONTROL CENTER: At what?

22 UNIDENTIFIED SPEAKER: At La Porte.

23 CONTROL CENTER: Yeah, if you -- that should be -- I  
24 don't know.

25 UNIDENTIFIED SPEAKER: So we were thinking if you cut

1 back Griffith a little bit, give yourself a little bit more room,  
2 like maybe only start one unit at Griffith to begin with. Get two  
3 units on at La Porte and then start up Griffith maybe or something  
4 like that.

5 CONTROL CENTER: Yeah, if there's --

6 UNIDENTIFIED SPEAKER 1: Probably get --

7 CONTROL CENTER: If there's -- yeah, if there's enough  
8 suction pressure, but --

9 UNIDENTIFIED SPEAKER: Yeah.

10 CONTROL CENTER: -- you know what I -- like I've started  
11 this line up bypassing La Porte. That's how I start up all the  
12 time.

13 UNIDENTIFIED SPEAKER: Okay.

14 CONTROL CENTER: And I've never had a problem unless  
15 it's drained out that much.

16 UNIDENTIFIED SPEAKER 1: Yeah, but we don't, we don't  
17 have Niles, right?

18 CONTROL CENTER: What's that?

19 UNIDENTIFIED SPEAKER 1: We can't start Niles.

20 CONTROL CENTER: Yeah, but when I start up the line  
21 that's like a normal startup is. I bypass every other station.

22 UNIDENTIFIED SPEAKER: Yeah, but you don't have Niles  
23 this time though, right?

24 UNIDENTIFIED SPEAKER 1: That's when you got Niles  
25 though, right?

1 CONTROL CENTER: No, I, I don't start Niles when I start  
2 up. I start Griffith, La Porte, like nothing at Niles, Mendon  
3 nothing and then Marshall.

4 UNIDENTIFIED SPEAKER 1: You usually bypass Niles?

5 CONTROL CENTER: Yeah, every other station when I start  
6 up because you -- ever since they had that, that Marshall pressure  
7 restriction you can't start up like just every station.

8 UNIDENTIFIED SPEAKER 1: Yes --

9 CONTROL CENTER: Well, you can but it's going --

10 UNIDENTIFIED SPEAKER 1: So you don't startup La Porte  
11 then, right?

12 UNIDENTIFIED SPEAKER: You probably skip La Porte then,  
13 right, the second one?

14 CONTROL CENTER: I don't know --

15 UNIDENTIFIED SPEAKER: (indiscernible)

16 CONTROL CENTER: I don't know what I do, but I do every  
17 other station or I skip stations.

18 UNIDENTIFIED SPEAKER 1: Just there's, there's nothing  
19 else we could do?

20 CONTROL CENTER: Yeah.

21 UNIDENTIFIED SPEAKER 1: Like we figured you need about  
22 330 pounds of discharge at Mendon to overcome that hill.

23 CONTROL CENTER: So what -- what's the Mendon unit  
24 doing? Is it --

25 UNIDENTIFIED SPEAKER 1: It's running

1 CONTROL CENTER: Is it right on suction?

2 UNIDENTIFIED SPEAKER 1: Yep.

3 CONTROL CENTER: And like --

4 UNIDENTIFIED SPEAKER 1: It's not --

5 CONTROL CENTER: -- (indiscernible) or what?

6 UNIDENTIFIED SPEAKER 1: Well, it's running like 50  
7 pounds.

8 CONTROL CENTER: That's it. And it's still on?

9 UNIDENTIFIED SPEAKER 1: Yeah, we got to about 280  
10 pounds discharge. Yeah, but it's not enough --

11 CONTROL CENTER: Not even after 20 minutes it didn't.

12 UNIDENTIFIED SPEAKER 1: No. It just sat there.

13 UNIDENTIFIED SPEAKER: Because Zimmel figured that you  
14 need 330 pounds just to get over the hill or to get to the suction  
15 at Marshall and you only -- and what did you guys have?

16 UNIDENTIFIED SPEAKER 1: Four pounds.

17 UNIDENTIFIED SPEAKER: No, what did -- how many pounds  
18 did you have at discharge?

19 UNIDENTIFIED SPEAKER 1: 280.

20 UNIDENTIFIED SPEAKER: 280. So we need another 50  
21 pounds just to get to the hill.

22 CONTROL CENTER: Was there a discharge at Mendon going  
23 up or anything?

24 UNIDENTIFIED SPEAKER 1: No. Not, it was --

25 UNIDENTIFIED SPEAKER: Not really.

1 CONTROL CENTER: Because it should, it should -- the  
2 discharge should slowly go up.

3 UNIDENTIFIED SPEAKER: Not if it's just going over the  
4 hill and, you know, like half filling the pipe or whatever. It's  
5 just flowing over the hill.

6 UNIDENTIFIED SPEAKER 1: Yeah.

7 UNIDENTIFIED SPEAKER: But not, not enough to --

8 CONTROL CENTER: Yeah.

9 UNIDENTIFIED SPEAKER: -- completely pressure it up  
10 though, right?

11 UNIDENTIFIED SPEAKER 1: We started up the first time.  
12 We ran Mendon for 30 minutes.

13 CONTROL CENTER: Holy [REDACTED]

14 UNIDENTIFIED SPEAKER 1: And then we shut down. And  
15 then we started up again and we ran Mendon for like another 13, 14  
16 minutes. So that's when you started calculating like the line  
17 loss between Mendon and Marshall and -- so 300 feet uphill from  
18 Mendon to Marshall?

19 CONTROL CENTER: Yeah.

20 UNIDENTIFIED SPEAKER 1: So that's what? 120 pounds.  
21 And then the line loss is (indiscernible) a mile which is 210 psi.

22 CONTROL CENTER: Yeah.

23 UNIDENTIFIED SPEAKER 1: I know it's not going to look  
24 pretty.

25 CONTROL CENTER: That's weird.

1 UNIDENTIFIED SPEAKER 1: It's not going to look pretty  
2 when you put two on at La Porte, but I don't know what else we  
3 could do. Other than wait for that pig to go through Niles, but  
4 it doesn't sound like it's very far away.

5 CONTROL CENTER: What was the discharge at Griffith?

6 UNIDENTIFIED SPEAKER 1: It was pretty much spent. It  
7 was like 30 -- 20, 30 pounds away.

8 CONTROL CENTER: Yeah.

9 UNIDENTIFIED SPEAKER 1: We were doing 1700 an hour.

10 UNIDENTIFIED SPEAKER: 300 (indiscernible).

11 CONTROL CENTER: You're doing 1700 an hour?

12 UNIDENTIFIED SPEAKER 1: Yeah.

13 CONTROL CENTER: And it still never filled in?

14 UNIDENTIFIED SPEAKER 1: No. No, that's the part that  
15 doesn't make sense.

16 UNIDENTIFIED SPEAKER: So like he said it's just enough  
17 to get it over the -- so it is getting over the hill. It's just  
18 not -- it's not enough to pressure it right up.

19 UNIDENTIFIED SPEAKER 1: And I think being it's drained  
20 out so bad, like say you had -- say you had 50 pounds at Marshall,  
21 your whole profile would be a bit higher, right? And you'd have  
22 enough discharge to, to get up to that hill, but being 0 at  
23 Marshall you need to get -- it's hard to get that pressure  
24 (indiscernible).

25 UNIDENTIFIED SPEAKER: So Marshall, did it start

1 draining away?

2 UNIDENTIFIED SPEAKER 1: No it's pretty, pretty flat.

3 See Marshall right here?

4 UNIDENTIFIED SPEAKER: Yeah.

5 CONTROL CENTER: Yeah.

6 UNIDENTIFIED SPEAKER 1: Yeah, after Marshall it's  
7 pretty flat.

8 CONTROL CENTER: Yeah. That's funny.

9 UNIDENTIFIED SPEAKER: (indiscernible) today.

10 UNIDENTIFIED SPEAKER 1: Yeah, it doesn't really make  
11 sense though why it doesn't.

12 CONTROL CENTER: Yeah, that doesn't.

13 UNIDENTIFIED SPEAKER 1: Like until we, until we came up  
14 with that line loss thing we didn't --

15 UNIDENTIFIED SPEAKER: (indiscernible) loss.

16 UNIDENTIFIED SPEAKER 1: (indiscernible) we thought  
17 (indiscernible).

18 CONTROL CENTER: Oh, yeah. I've never -- yeah, I've  
19 never seen it on this line. Because I, you know, like we -- I  
20 think when we lost Niles for, remember when we lost Niles like a  
21 couple months ago with that power problem? It was out for like a  
22 whole weekend?

23 UNIDENTIFIED SPEAKER 1: Oh, yeah? No I don't remember  
24 that.

25 CONTROL CENTER: Like we were -- I think we were

1 bypassing that station on startup/shutdown all the time.

2 UNIDENTIFIED SPEAKER: Yeah.

3 UNIDENTIFIED SPEAKER 1: Yeah, and I think --

4 CONTROL CENTER: Yeah, that was like only in I think  
5 June or May.

6 UNIDENTIFIED SPEAKER 1: Right. So maybe, you know,  
7 being 0 at Marshall I think that's adding or giving us a hard time  
8 (indiscernible). We can get the engineers to look at it today. I  
9 don't know --

10 CONTROL CENTER: Yeah, that's (indiscernible).

11 UNIDENTIFIED SPEAKER 1: Like you -- you're going to be  
12 down here for 4 hours (indiscernible).

13 CONTROL CENTER: Yeah.

14 UNIDENTIFIED SPEAKER 1: Get them to (indiscernible)

15 CONTROL CENTER: Crazy.

16 UNIDENTIFIED SPEAKER: Let him talk to -- have you  
17 talked to Blaine again?

18 UNIDENTIFIED SPEAKER 1: (indiscernible) but --

19 UNIDENTIFIED SPEAKER: Okay.

20 UNIDENTIFIED SPEAKER 1: -- (indiscernible).

21 UNIDENTIFIED SPEAKER: Yeah. Okay, Greg. Well, we'll  
22 talk to -- try to talk to Jerry here.

23 CONTROL CENTER: All right.

24 UNIDENTIFIED SPEAKER: And we'll get then to Blaine  
25 again to get clearance and then we'll get back to you.



1 CONTROL CENTER: All right.

2 UNIDENTIFIED SPEAKER: Thanks, Greg.

3 **07\_26\_2010\_08:48:25\_EDT\_BRD\_9000\_CH\_003**

4 CONTROL CENTER: Enbridge Pipelines, emergency line.

5 Enbridge Pipelines, emergency line.

6 \* \* \*

7 **07\_26\_2010\_08:49:01\_EDT\_BRD\_2100\_CH\_014**

8 (No recording.)

9 \* \* \*

10 **07\_26\_2010\_08:49:46\_EDT\_BRD\_2100\_CH\_023**

11 (Unrelated to Enbridge.)

12 \* \* \*

13 **07\_26\_2010\_08:52:46\_EDT\_BRD\_2100\_CH\_030**

14 CONTROL CENTER: Control Center, Greg here.

15 JIM: Hey, Greg. Are you Line 3?

16 CONTROL CENTER: I am.

17 JIM: Good. This is Jim at Cass (ph.) Lake.

18 CONTROL CENTER: Hey.

19 JIM: Hey, can I get you to switch units? I want to do  
20 my annual maintenance on unit 3.

21 CONTROL CENTER: Cass Lake. I don't -- is that a small  
22 one? Okay, I might be able to. Yeah, I can.

23 JIM: It shouldn't take long. Probably about an hour  
24 and a half I would guess.

25 CONTROL CENTER: Okay. Yeah, I can do that. It'll just

1 be a little bit later. I'm kind of swamped here, but --

2 JIM: Yep, not a problem.

3 CONTROL CENTER: -- if I'll -- as soon as I can get to  
4 it I'll do it.

5 JIM: Okay.

6 CONTROL CENTER: All right?

7 JIM: Sounds good.

8 CONTROL CENTER: Bye Jim.

9 JIM: Yeah, bye.

10 \* \* \*

11 **07\_26\_2010\_08:58:18\_EDT\_BRD\_2100\_CH\_030**

12 CONTROL CENTER: Control Center, Greg here.

13 KEITH: Yeah, Greg. This is Keith down at Vesper.

14 CONTROL CENTER: Hey.

15 KEITH: Hey, can you give me any information on what's  
16 going on with the pig? Do you know if it's sent out?

17 CONTROL CENTER: I have no idea. I just got in.

18 KEITH: Okay.

19 CONTROL CENTER: So --

20 KEITH: All right. Well, I guess we'll give it some  
21 time then because they were supposed to have been sent out  
22 yesterday, but there's been no updates no nothing, so --

23 CONTROL CENTER: Okay. No, I just -- I was off for like  
24 3 weeks and it's my first day back today, so --

25 KEITH: All right.

1 CONTROL CENTER: So I don't know too much.

2 KEITH: All right.

3 CONTROL CENTER: All right?

4 KEITH: See you in a little bit of time then.

5 CONTROL CENTER: Okay.

6 KEITH: Thanks.

7 CONTROL CENTER: All right, Keith, bye.

8 \* \* \*

9 **07\_26\_2010\_09:01:49\_EDT\_BRD\_2100\_CH\_030**

10 CONTROL CENTER: Control Center, Greg here.

11 DON: Hey, Greg. This is Don. How are you doing this  
12 morning?

13 CONTROL CENTER: Oh, not bad. You?

14 DON: Very good. Are you just coming on shift?

15 CONTROL CENTER: Yeah, I just got on.

16 DON: What's going on with 6B this morning?

17 CONTROL CENTER: Oh, well, we can't get it started up,  
18 so --

19 DON: You're kidding.

20 CONTROL CENTER: Yeah, we're having troubles with  
21 getting pressure down at Marshall.

22 DON: Okay.

23 CONTROL CENTER: Like we're still in the kind of works  
24 of figuring it out.

25 DON: You got somebody out driving the line or what's

1 going on?

2 CONTROL CENTER: I'm not too sure. I, I -- I don't know  
3 what they're doing. I just got in, so --

4 DON: Okay.

5 CONTROL CENTER: But I know they're going to -- they're  
6 trying to get two units on at La Porte, but --

7 DON: All right. Yeah, I just got some updates from Bob  
8 here from -- we started up at 1:00 and went down at 2:03 and then  
9 0423. We're pretty close with that front pig to Niles, but --  
10 which is okay, just --

11 CONTROL CENTER: Yeah.

12 DON: -- the pressure downstream is pretty hard to start  
13 up, isn't it?

14 CONTROL CENTER: Yeah. Yeah, there's a hill over there  
15 we can't get over.

16 DON: Yeah, because we shut down last night. We were  
17 about -- we were still about 2 hours out. I don't know. Did they  
18 fire up Niles this morning?

19 CONTROL CENTER: No, they didn't.

20 DON: Yeah.

21 CONTROL CENTER: They were 2 hours out last night?

22 DON: Well, yeah, we were about 4 miles still upstream  
23 in the station when they, when they shut down, so. They could  
24 have easily started up if they wanted to, so --

25 CONTROL CENTER: Yeah, I don't know. Are they -- yeah,

1 Dave said, I think they just bypassed it last night, so --

2 DON: Yeah, but --

3 CONTROL CENTER: -- the operator didn't have to go out  
4 in the middle of the night.

5 DON: Yeah.

6 CONTROL CENTER: That's kind of why they did it, but --

7 DON: Yeah. All right (indiscernible).

8 CONTROL CENTER: Yeah, thanks Don.

9 DON: Keep me posted. Thanks.

10 CONTROL CENTER: Bye.

11 DON: Bye.

12 \* \* \*

13 **07\_26\_2010\_09:04:13\_EDT\_BRD\_2100\_CH\_030**

14 CONTROL CENTER: Control Center, Greg here.

15 NICK: Greg, this is Nick with Enbridge out of Bay City.

16 How are you doing today?

17 CONTROL CENTER: Oh, not bad. You?

18 NICK: Good. Did you get that 6B rolling yet?

19 CONTROL CENTER: We haven't.

20 NICK: You haven't.

21 CONTROL CENTER: No, we're still waiting.

22 NICK: Are you thinking you're going to be getting her  
23 going?

24 CONTROL CENTER: Hopefully in the next little bit.

25 NICK: Okay. Okey dokey.

1 CONTROL CENTER: Yeah, I'm just kind of -- the shift  
2 leaders are looking out there and --

3 NICK: Oh, okay.

4 CONTROL CENTER: -- then we'll get -- give me the go  
5 ahead.

6 NICK: The glitch is Niles. You can't get enough  
7 pressure past the hill there?

8 CONTROL CENTER: No, it's Mendon and Marshall. I think  
9 there's a hill there. We can't get enough pressure --

10 NICK: Yeah, you have to --

11 CONTROL CENTER: -- enough discharge or --

12 NICK: -- Niles -- you got to pull out of Niles and it's  
13 between -- I think the hill is between Niles and Mendon.

14 CONTROL CENTER: Oh, is it Niles and Mendon?

15 NICK: Yeah. I think that's where the hill is, so, so  
16 it's kind of a nuisance, but yeah, okay. Just, just curious.  
17 We're going to be receiving the pigs at Stockbridge so that's my  
18 only -- just kind of snoopy that's why.

19 CONTROL CENTER: Oh, okay.

20 NICK: But that's -- you know, it's a day off yet  
21 anyways.

22 CONTROL CENTER: Yeah.

23 NICK: What rate were you scheduled to do today?

24 CONTROL CENTER: Max like 1800.

25 NICK: 18. Okay. Hey, sounds good, sir. I'll be

1 talking to you later.

2 CONTROL CENTER: Right on. Thanks Nick.

3 NICK: Bye.

4 CONTROL CENTER: Bye.

5 \* \* \*

6 **07\_26\_2010\_09:23:08\_EDT\_BRD\_2100\_CH\_014**

7 CONTROL CENTER: Control Center?

8 ROB: Hello, Line 4?

9 CONTROL CENTER: Yep.

10 ROB: Yeah, it's Rob calling from Glenboro. Just  
11 calling to let you know I'm going to inside the SB for a few  
12 minutes here. I'll give you a call when I'm done.

13 CONTROL CENTER: Sounds good.

14 ROB: Thank you.

15 CONTROL CENTER: Bye.

16 ROB: Bye.

17 \* \* \*

18 **07\_26\_2010\_09:29:40\_EDT\_BRD\_2100\_CH\_014**

19 CONTROL CENTER: Control Center.

20 ROB: Hey Line 4. It's Rob with Glenboro again.

21 CONTROL CENTER: Yeah.

22 ROB: I was wondering if you could tell me what your  
23 density and flow rate is past Glenboro right now.

24 CONTROL CENTER: I suppose so. Give me a second here.  
25 932 for our density.

1           ROB: Okay. Yep.

2           CONTROL CENTER: Flow rate we're doing 4800.

3           ROB: 4800. Perfect. Is that what you're scheduled to  
4 be doing all day, do you know, or is it --

5           CONTROL CENTER: No. At 7:00 we're speeding up to 5560.

6           ROB: Okay. Perfect. Thank you very much.

7           CONTROL CENTER: Yeah, sounds good.

8           ROB: Oh, and I'm out of the SB too.

9           CONTROL CENTER: Yeah, perfect.

10          ROB: Okay. Thanks. Bye.

11          CONTROL CENTER: Bye.

12                                   \* \* \*

13                   **07\_26\_2010\_09:30:43\_EDT\_BRD\_2100\_CH\_014**

14          CONTROL CENTER: Control Center.

15          UNIDENTIFIED SPEAKER: Hey, how's it going?

16          CONTROL CENTER: Good. How are you?

17          UNIDENTIFIED SPEAKER: Good. You guys aren't running  
18 out of Edmonton, are you?

19          CONTROL CENTER: No.

20          UNIDENTIFIED SPEAKER: No. Okay. What time you  
21 planning to start up?

22          CONTROL CENTER: Not for a while at Edmonton.

23          UNIDENTIFIED SPEAKER: Okay.

24          CONTROL CENTER: In fact (indiscernible) roughly 1400.

25          UNIDENTIFIED SPEAKER: Oh, 1400. Okay.



1 CONTROL CENTER: After lunch or --

2 UNIDENTIFIED SPEAKER: How's the -- was the VFD running  
3 all weekend?

4 CONTROL CENTER: That I can't tell you. I've been off  
5 for 5 days, so --

6 UNIDENTIFIED SPEAKER: Okay.

7 CONTROL CENTER: Yeah.

8 UNIDENTIFIED SPEAKER: All right. Well, I just tried to  
9 log in here and I can't get in, so -- okay. All right. We will  
10 talk to you later.

11 CONTROL CENTER: Sounds good.

12 UNIDENTIFIED SPEAKER: Bye-bye.

13 CONTROL CENTER: Have a good one. Bye.

14 UNIDENTIFIED SPEAKER: You too. Bye.

15 \* \* \*

16 **07\_26\_2010\_09:33:35\_EDT\_BRD\_2100\_CH\_035**

17 RECORDING: Hi, there. You've reached the cell phone of  
18 Richard Folkerman (ph.), Control Center Engineer with Enbridge  
19 Pipelines. I'm away from the phone. Please leave a message.

20 CONTROL CENTER: Hey, Richard. It's Brad just calling.  
21 Once you get in this morning, give me a shout. Thanks. Bye.  
22 [REDACTED] Bye.

23 \* \* \*

24 **07\_26\_2010\_09:34:15\_EDT\_BRD\_2100\_CH\_035**

25 (No recording.)

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**07\_26\_2010\_09:43:13\_EDT\_BRD\_2100\_CH\_023**

(Unrelated to Enbridge.)

\* \* \*

**07\_26\_2010\_09:44:20\_EDT\_BRD\_2100\_CH\_023**

CONTROL CENTER: Hey, Larry. It's Kathy here.

LARRY: Yes.

CONTROL CENTER: We are about 5 minutes away from going  
to that CIN-486.

LARRY: All right. I'll be looking for it.

CONTROL CENTER: Okay. Thanks.

LARRY: Thanks.

CONTROL CENTER: Bye.

\* \* \*

**07\_26\_2010\_09:45:53\_EDT\_BRD\_2100\_CH\_030**

CONTROL CENTER: Control Center.

DARRELL: Hi. This is Darrell out at the La Porte  
station, Line 6B.

CONTROL CENTER: Hi, Darrell.

DARRELL: Hey, I was just checking in to see if  
anybody's got a plan of what they want to do on this or --

CONTROL CENTER: No, we're still figuring it out here.

DARRELL: Okay. I wanted to let you, too, this unit 4,  
this smaller unit that's here, it is still locked out due to the  
issues that we had with the check valve.

1 CONTROL CENTER: Right. Is it locked -- really?  
2 Because I don't show it locked out or anything.

3 DARRELL: It's -- well, last I knew it was. I believe  
4 it's still locked out here. I'll take another look. Yeah, it's  
5 got a lock on it. It's just the disconnect is pulled on the, on  
6 the gear. Yeah, I would think you'd be able to see that. Oh, it  
7 -- probably it's not going to show as a lockout like in red.

8 CONTROL CENTER: Yep.

9 DARRELL: It just -- we just pulled the power on it.  
10 No, this was due to the issue with the check valve that was to be  
11 repaired or replaced here a couple weeks ago. And I know they had  
12 problems removing that so that job was not completed. That was  
13 taken out of service like last fall because of concerns over that  
14 check value on the unit. Now, the last time we ran it -- I mean  
15 it runs okay, but we've got a problem with the check valve. It's  
16 like slamming.

17 CONTROL CENTER: Yeah.

18 DARRELL: Really loud. So they were concerned about it  
19 so they had to shut it off. I mean I don't know if somebody in  
20 engineering that decided to do that would be okay with running it  
21 for a few hours just one time and then shut it back down. I mean  
22 I don't know if that would be an option. I don't, I don't know  
23 all the issues you guys are working with. I'm assuming it's  
24 power.

25 CONTROL CENTER: Yeah.

1           DARRELL: Power issues, so --

2           CONTROL CENTER: Yeah, I don't know. We found something  
3 else but we're just trying to figure it out here, but --

4           DARRELL: Oh.

5           CONTROL CENTER: -- they're, they're kind of talking  
6 about it and figuring out a game plan, so -- but we'll let you  
7 know.

8           DARRELL: Okay. Well, I was just curious too if I  
9 should stay here at La Porte station?

10          CONTROL CENTER: I -- yeah, (indiscernible), yeah.

11          DARRELL: Because the other thing that concerned me too  
12 was when I got here we had a vibration shutdown on that unit 1. I  
13 don't know what caused that. If it could be because of, you know,  
14 just line upset that we had and whatever we were trying to do may  
15 have caused it and if you go to start back up again I don't know  
16 if that'll happen again or not or -- I guess it depends on what  
17 we're going to try to do, so --

18          CONTROL CENTER: Yeah.

19          DARRELL: Okay. Well, I'll --

20          CONTROL CENTER: Yeah, just maybe hang tough there and  
21 then we'll let you know.

22          DARRELL: Yeah, I got other stuff I can do here so I'll  
23 just hang tight here and wait to here from you then.

24          CONTROL CENTER: Okay. Right on.

25          DARRELL: All right. Thanks.

1 CONTROL CENTER: Bye.

2 DARRELL: Bye.

3 \* \* \*

4 **07\_26\_2010\_09:49:55\_EDT\_BRD\_2100\_CH\_044**

5 CONTROL CENTER: Brian, how you doing?

6 BRIAN: Good. Good.

7 CONTROL CENTER: Good. Kelly here in the Control  
8 Center.

9 BRIAN: Yes, sir.

10 CONTROL CENTER: We -- we're starting up today.

11 BRIAN: Okay.

12 CONTROL CENTER: Well, we tried earlier here today, but  
13 there was a column separation at Marshall.

14 BRIAN: Okay.

15 CONTROL CENTER: So we started up and we never could get  
16 the column back together at, at Marshall there.

17 BRIAN: All right.

18 CONTROL CENTER: So we, we did some digging and it looks  
19 like yesterday on shutdown that the -- you know, we had good  
20 pressure, good pressure, and when they shut down the pressure went  
21 to zero and it's never come back at Marshall.

22 BRIAN: Oh.

23 CONTROL CENTER: And I think you've been there for a  
24 little while, eh, today?

25 BRIAN: Yeah. When I got here the pressure was 4

1 pounds.

2 CONTROL CENTER: Yeah.

3 BRIAN: And then -- now it's dropped down to zero.

4 CONTROL CENTER: Yeah. I think they -- yeah, when they  
5 were filling it, it went from zero -- it came back up to 4, but --

6 BRIAN: Oh.

7 CONTROL CENTER: -- it never, yeah, it never -- nothing  
8 substantial ever came back there.

9 BRIAN: Okay.

10 CONTROL CENTER: You don't see anything at the station?

11 BRIAN: You mean as far as leaking or anything?

12 CONTROL CENTER: As far as leaking or anything like  
13 that?

14 BRIAN: No. No. I even went around and checked any of  
15 my underground enclosures, you know --

16 CONTROL CENTER: Yeah.

17 BRIAN: -- going to the transmitters and everything  
18 looks really good.

19 CONTROL CENTER: Yeah.

20 BRIAN: So -- yeah, it's, it's weird. What, what are  
21 you guys thinking? That we got a problem on the main line  
22 somewhere?

23 CONTROL CENTER: Well, we're just checking some numbers  
24 here, but initially I guess, yeah, if you've already checked the  
25 station we'll leave it at that.

1 BRIAN: Okay.

2 CONTROL CENTER: We're going to talk to the regional  
3 here (indiscernible) your management, I guess --

4 BRIAN: Oh, okay.

5 CONTROL CENTER: -- as well as ours to decide what --  
6 where to proceed from here.

7 BRIAN: Okay.

8 CONTROL CENTER: And it possibly may involve checking,  
9 checking the line as well, but --

10 BRIAN: Okay.

11 CONTROL CENTER: -- at this point, yeah, as long as  
12 you've checked the station that should be good for now, I guess.

13 BRIAN: Yeah, everything --

14 CONTROL CENTER: Or anything else you can check or  
15 whatever, but --

16 BRIAN: Yeah, I -- everything that I could think of -- I  
17 mean, I went in the pump house, I checked all over everything, and  
18 like I said I even looked in the underground enclosures --

19 CONTROL CENTER: Yeah.

20 BRIAN: -- just to make sure there was nothing leaking  
21 in there.

22 CONTROL CENTER: Yeah.

23 BRIAN: And no, we're good here at Marshall.

24 CONTROL CENTER: Okay. We'll, we'll get back to you if  
25 I guess we need you.

1 BRIAN: Okay.

2 CONTROL CENTER: This is Brian, right?

3 BRIAN: Yes, and I'll be right here at the station.

4 CONTROL CENTER: Awesome. Thanks a lot.

5 BRIAN: Okay.

6 CONTROL CENTER: Bye-bye.

7 BRIAN: Bye.

8 \* \* \*

9 **07\_26\_2010\_09:50:59\_EDT\_BRD\_2100\_CH\_044**

10 RECORDING: Blaine Reinbolt.

11 Record your message at the tone. When you are finished,  
12 hang up or press # --

13 \* \* \*

14 **07\_26\_2010\_09:57:26\_EDT\_BRD\_2100\_CH\_030**

15 CONTROL CENTER: Hey.

16 UNIDENTIFIED SPEAKER: Hey. Can you see what time they  
17 closed the delivery valve at Stockbridge?

18 CONTROL CENTER: Is there --

19 UNIDENTIFIED SPEAKER: 1459 is when they shut down  
20 there, but I don't know if you get it by or what.

21 CONTROL CENTER: I don't -- I haven't -- I don't. I  
22 could try in (indiscernible) but that's the only --

23 UNIDENTIFIED SPEAKER: You should be able to find it.

24 CONTROL CENTER: The delivery?

25 UNIDENTIFIED SPEAKER: Yeah, the delivery valve.



1 CONTROL CENTER: Or the, the block valve.

2 UNIDENTIFIED SPEAKER: Well, the block valve would have  
3 already been closed because you're delivering in there.

4 CONTROL CENTER: Oh, right. Yeah.

5 UNIDENTIFIED SPEAKER: It would be the -- yeah, whatever  
6 delivery valve, whatever that valve is.

7 CONTROL CENTER: Okay.

8 UNIDENTIFIED SPEAKER: (indiscernible).

9 CONTROL CENTER: Okay.

10 UNIDENTIFIED SPEAKER: Thanks.

11 CONTROL CENTER: Bye-bye.

12 \* \* \*

13 **07\_26\_2010\_09:58:59\_EDT\_BRD\_2100\_CH\_030**

14 CONTROL CENTER: Control Center, Greg here.

15 EVAN: Hey, Greg. It's Evan from (indiscernible)  
16 calling.

17 CONTROL CENTER: How's it going, Evan?

18 EVAN: Good. You?

19 CONTROL CENTER: Pretty good.

20 EVAN: Right on. We're going to welding at 553 today.

21 CONTROL CENTER: 533. That's restrictions, right?

22 EVAN: Yep. That'll be 79.

23 CONTROL CENTER: (indiscernible). And your number,  
24 Evan?

25 EVAN: [REDACTED]

1 CONTROL CENTER: Okay. And you're welding?

2 EVAN: Yeah.

3 CONTROL CENTER: Okay. (indiscernible) in here. 354  
4 discharge at Lang Lake. Okay. We'll have to get her below. All  
5 right. Yeah, I'll just be a minute here. I'll give you a shout  
6 back once we're down.

7 EVAN: Sure. Sounds good.

8 CONTROL CENTER: Actually -- yeah, I'll, I'll call you  
9 once --

10 EVAN: Okay.

11 CONTROL CENTER: -- once we're good. All right?

12 EVAN: Sounds good.

13 CONTROL CENTER: All right.

14 EVAN: Sure. Thanks. Bye.

15 \* \* \*

16 **07\_26\_2010\_09:58:59\_EDT\_BRD\_2100\_CH\_051**

17 CONTROL CENTER: Control Center.

18 EVAN: Hello. It's Evan from (indiscernible) calling.

19 CONTROL CENTER: Yeah.

20 EVAN: We're going to be doing some welding at milepost  
21 553.

22 CONTROL CENTER: Oh, just one sec. Let me grab a piece  
23 of paper. Oh, actually -- you're talking about Line 3, right?

24 EVAN: That's right.

25 CONTROL CENTER: Hold on one second --

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**07\_26\_2010\_10:01:28\_EDT\_BRD\_2100\_CH\_014**

CONTROL CENTER: Control Center.

ROB: Hey, Line 4 it's Rob calling from Glenboro. Sorry to bother you again.

CONTROL CENTER: Yeah.

ROB: I was, I was just calling -- you don't have any pigs coming into Glenboro today do you?

CONTROL CENTER: Yeah, we do.

ROB: You do, eh? What -- whereabouts is that pig at?

CONTROL CENTER: It was just -- the first one was just launched at 5:37 from Souris.

ROB: Oh, okay. So it's -- do you know what the arrival time is?

CONTROL CENTER: No. Like I said they just launched it.

ROB: Okay. All right.

CONTROL CENTER: I can give you ETA in a couple hours, but --

ROB: Sure. Okay.

CONTROL CENTER: -- I'd have to calculate a new one, but --

ROB: Yeah, no problem. Okay. I just wanted to make sure there wasn't one like just on our doorstep or anything.

CONTROL CENTER: No, no, not for, for a long time.

ROB: Okay. Perfect. Thank you.

1 CONTROL CENTER: No problem. Bye.

2 ROB: Okay. Bye.

3 \* \* \*

4 **07\_26\_2010\_10:09:01\_EDT\_BRD\_2100\_CH\_014**

5 CONTROL CENTER: Control Center.

6 DAN: Hey, this is Dan down at Spear (ph.).

7 CONTROL CENTER: How's it going?

8 DAN: Good. I'm at out at milepost 1.83 on Line 14.

9 CONTROL CENTER: Yeah?

10 DAN: And I would like to reroute one of the network  
11 cables. So you'll lose status for a minute.

12 CONTROL CENTER: Just on that milepost?

13 DAN: Yeah, just at 1.8.

14 CONTROL CENTER: Okay.

15 DAN: If you can hang on it'll only take me a minute to  
16 reroute it and you'll see a fail or a comm out and maybe not even  
17 that if I go fast enough.

18 CONTROL CENTER: Sounds good. And you can actually just  
19 give me a call back when you're done. I'll watch for it.

20 DAN: Well, I'm already halfway done.

21 CONTROL CENTER: Okay.

22 DAN: If you don't want to hang on --

23 CONTROL CENTER: Well, then I'll just hang on. Yep, no  
24 problem.

25 DAN: And that should be it. You should have

1 communication reestablished, should be good to go.

2 CONTROL CENTER: Sounds good. Didn't even see anything.

3 DAN: All right. All right. Talk to you later then.

4 CONTROL CENTER: Yeah. Have a good one.

5 DAN: Okay. Bye.

6 \* \* \*

7 **07\_26\_2010\_10:10:25\_EDT\_BRD\_2100\_CH\_030**

8 CONTROL CENTER: Control Center, Greg here.

9 KEN: Hey, Greg. It's Ken in Enbridge in Calgary. I  
10 was just calling about that 6B shutdown --

11 CONTROL CENTER: Yeah.

12 KEN: -- just seeing if there's any status updates on  
13 that.

14 CONTROL CENTER: No, I don't. Yeah, they're still  
15 trying to figure out --

16 KEN: Okay.

17 CONTROL CENTER: -- what's wrong.

18 KEN: Okay. Do you, do you have like an ETA on when  
19 that's going to be coming back up or anything like that?

20 CONTROL CENTER: No idea. It could be -- if it's only  
21 been -- it could be a while or if, if they figure something else  
22 out --

23 KEN: Okay.

24 CONTROL CENTER: -- it could be an hour or 2 hours. I'm  
25 not too sure.

1 KEN: Okay. So it's not just, it's not just like trying  
2 to start up another unit?

3 CONTROL CENTER: No.

4 KEN: Oh, okay.

5 CONTROL CENTER: No. We're just trying to figure out  
6 the problem here.

7 KEN: Okay. Yeah, because you noticed that there's a  
8 head pressure issue? Does that give you a leak or they just don't  
9 know or is it just because there's that one unit at La Porte?

10 CONTROL CENTER: Well, yeah. That's what we're trying  
11 to investigate as why we're not getting any pressure.

12 KEN: Okay. Cool.

13 CONTROL CENTER: All right?

14 KEN: Yeah. If you can give me a shout back or, you  
15 know, but if not that'd be great, so --

16 CONTROL CENTER: Yeah.

17 KEN: Okay. Thanks.

18 CONTROL CENTER: All right.

19 KEN: Bye.

20 \* \* \*

21 **07\_26\_2010\_10:10:34\_EDT\_BRD\_2100\_CH\_023**

22 CONTROL CENTER: Enbridge, Kelthy speaking.

23 JASON: Hey, this is Jason at Griffith.

24 CONTROL CENTER: Hey, Jason. How's it going?

25 JASON: Not, too bad. I just had a quick question for

1 you. Do we know why Line 6B is shut down?

2 CONTROL CENTER: Yes, they're having some problems  
3 downstream. They tried starting up and we put about 2700 cubes  
4 into the line but nothing came out on the other end. So they're  
5 checking for leaks.

6 JASON: Where? Whereabouts is that at?

7 CONTROL CENTER: I'm not sure.

8 JASON: Okay. All right. Well, that's all I needed to  
9 know, and also I'm going to be pulling some high alarms, doing end  
10 of the month gauging today.

11 CONTROL CENTER: Okay. Sounds good.

12 JASON: Okay. Bye-bye.

13 CONTROL CENTER: Bye.

14 \* \* \*

15 **07\_26\_2010\_10:13:22\_EDT\_BRD\_2100\_CH\_030**

16 CONTROL CENTER: Control Center, Greg here.

17 JIM: Hey, Greg. It's Jim again.

18 CONTROL CENTER: Hey.

19 JIM: Hey. I'm all done with that unit, so if you want  
20 to switch back you're more than welcome.

21 CONTROL CENTER: Okay. I probably will.

22 JIM: Okay. Thanks.

23 CONTROL CENTER: Thank you. Bye.

24 JIM: Okay, bye.

25 \* \* \*

1                   **07\_26\_2010\_10:16:15\_EDT\_BRD\_2100\_CH\_044**

2                   TOM: Hello.

3                   CONTROL CENTER: Hi, Tom. How are you doing?

4                   TOM: Good. Yourself?

5                   CONTROL CENTER: Oh, not too bad. It's Kelly here in  
6 the Control Center calling.

7                   TOM: Yeah, Kelly.

8                   CONTROL CENTER: So on Line 6B we're having some issues  
9 putting a column back together.

10                  TOM: Okay.

11                  CONTROL CENTER: I guess I'll give you a little bit of a  
12 rundown of what, what we know so far.

13                  TOM: Sure.

14                  CONTROL CENTER: So yesterday we shut down in going into  
15 Stockbridge, a scheduled shutdown. And they went to restart the  
16 line here this morning and they started up upstream and when they  
17 started up they could only get about 4 pounds at Marshall station.  
18 So we shut down and did some more calculating and it looks like  
19 they -- they calculated about 600 cubes had drained off during the  
20 shutdown. I guess I should also say that we started up going into  
21 Marysville, so we started up going even. We shut down into  
22 Stockbridge, started up going even at Stockbridge all the way to  
23 Marysville.

24                  By any means, we started up and -- the second time and  
25 we still couldn't get a column together at Mendon -- or sorry, at



1 Marshall.

2 TOM: Marshall, huh.

3 CONTROL CENTER: And discharged at Mendon, came up --  
4 yeah, but we couldn't get anything at Marshall so we shut down  
5 again here. There was one of your guys out at -- I think it was  
6 Brian out at Marshall. He's checked everything at the station.  
7 Everything looks fine there. We looked back at pressures on the  
8 shutdown yesterday.

9 TOM: Right.

10 CONTROL CENTER: And it looks like the pressures --  
11 right when we shut down the pumps the pressures at Marshall on the  
12 suction end discharge went to zero, which is a little bit odd I  
13 guess possibly.

14 TOM: Yeah.

15 CONTROL CENTER: So at this point I guess --

16 TOM: That was where?

17 CONTROL CENTER: That was at Marshall.

18 TOM: At Marshall?

19 CONTROL CENTER: Right at Marshall, yeah.

20 TOM: (indiscernible)

21 CONTROL CENTER: Mendon --

22 TOM: Brian, Brian Whittaker checked Marshall, right?

23 CONTROL CENTER: He's looked at Marshall. He said  
24 everything looks good there.

25 TOM: Yeah.

1 CONTROL CENTER: So normally when things go to zero --

2 TOM: Yeah, you check for leaking.

3 CONTROL CENTER: -- suction end discharge you'd be  
4 checking for leaks for sure.

5 TOM: Yeah.

6 CONTROL CENTER: And normally if it goes to zero it's  
7 usually something that happens right at the station.

8 TOM: Right.

9 CONTROL CENTER: All three transmitters went to zero at  
10 exactly the same time.

11 TOM: Right.

12 CONTROL CENTER: But I guess at this point we're kind of  
13 at a loss. We're looking at more numbers here right now.

14 TOM: Okay.

15 CONTROL CENTER: But initially I don't know if you guys  
16 needs to check out some of the pipeline upstream and downstream of  
17 Marshall?

18 TOM: I wouldn't think so. I -- you know, if it's right  
19 at Marshall -- you know, it seems like there's something else  
20 going wrong either with the computer or with, with the  
21 instrumentation. And then your lost column and things go haywire,  
22 right?

23 CONTROL CENTER: Yeah. But, I guess --

24 TOM: Yeah, do you want them to check?

25 CONTROL CENTER: Well --

1 TOM: I'm not -- right now I'm not, I'm not convinced.  
2 We haven't had any phone calls. I mean it's perfect weather out  
3 here.

4 CONTROL CENTER: Yeah, (indiscernible).

5 TOM: Someone -- if it's a rupture someone's going to  
6 notice that, you know, and smell it.

7 CONTROL CENTER: Yeah. Yeah, for sure.

8 TOM: So --

9 CONTROL CENTER: Yeah, I guess -- okay. At this point  
10 we'll just keep looking into things here.

11 TOM: Yeah.

12 CONTROL CENTER: Like I said, we were putting in a lot  
13 of oil and not much was coming out, so they, they knew that there  
14 was some, some drained off, so we knew that we were going to have  
15 to pump a little bit more --

16 TOM: Right.

17 CONTROL CENTER: -- to get the column back, but it just  
18 -- it --

19 TOM: It didn't seem, it didn't want to come back.

20 CONTROL CENTER: Yeah, it seemed like it didn't want to  
21 come back.

22 TOM: Where was it going? It was going into --

23 CONTROL CENTER: To Marysville.

24 TOM: It drained off into Marysville didn't it.

25 CONTROL CENTER: So we shut into Stockbridge and they

1 drained a bit. And if -- then they figure it went downstream of  
2 Stockbridge as well and was drained off a little bit into Sarnia.  
3 So when they, when they started back up, you know, there was kind  
4 of two, two places that were drained off a bit, but -- yeah, it's  
5 still looking like that -- we put in a lot that we should have got  
6 it back so we're just going to -- we're going to check our numbers  
7 here a little bit better.

8 TOM: Okay.

9 CONTROL CENTER: We weren't quite getting the pressure  
10 at Mendon on the discharge --

11 TOM: Right.

12 CONTROL CENTER: -- to completely fill the column at --  
13 to Marshall, I guess. There's a little bit of a hill right there.

14 TOM: Right.

15 CONTROL CENTER: But, but yeah, our thinking was that it  
16 should have filled up downstream because we weren't taking much  
17 out. But yeah, we'll do some more digging. I guess --

18 TOM: Yeah, have a look. If you have --

19 CONTROL CENTER: So if we can't, if we can't make sense  
20 of the numbers then, yeah, we may have to give you guys a call  
21 back to --

22 TOM: Yeah, call us back, but --

23 CONTROL CENTER: -- check (indiscernible).

24 TOM: -- I'm okay with you guys ready to go if it looks  
25 like the numbers are fitting.

1 CONTROL CENTER: Yeah. Is Brian an electrician or is he  
2 a --

3 TOM: Yep. Yep.

4 CONTROL CENTER: He is, eh?

5 TOM: Yeah.

6 CONTROL CENTER: Is there any way he can check the  
7 transmitters to see that --

8 TOM: Sure.

9 CONTROL CENTER: -- the --

10 TOM: You want to, you want to give him call and  
11 just --

12 CONTROL CENTER: (indiscernible) the PLC or the  
13 transmitters or --

14 TOM: Yep. Yeah, just give him a call and --

15 CONTROL CENTER: -- (indiscernible) something.

16 TOM: Yeah. You guys call him directly so that I'm not  
17 playing middleman and --

18 CONTROL CENTER: Okay. Yeah, no for sure.

19 TOM: -- and just get him to check things out. Tell him  
20 that we're just -- your numbers aren't jiving and things aren't --  
21 we want to double check before we fire up.

22 CONTROL CENTER: Yeah. Yeah, awesome. All right, Tom.

23 TOM: You got, you got my okay to go, but give us a call  
24 if you want us to definitely check.

25 CONTROL CENTER: Yeah.

1 TOM: But we would have, we would have heard something  
2 by now.

3 CONTROL CENTER: Okay. No, it sounds good. So that  
4 whole Marshall area upstream and downstream is pretty populated  
5 then, correct?

6 TOM: Yeah.

7 CONTROL CENTER: Is that right?

8 TOM: Yeah. Well, I wouldn't say populated, but I mean  
9 there's farms --

10 CONTROL CENTER: Yeah.

11 TOM: -- and there's houses and people driving around  
12 all the time, yeah.

13 CONTROL CENTER: All over -- all the time, yeah.

14 TOM: Yes.

15 CONTROL CENTER: Yeah. Okay. No, it sounds good then,  
16 Tom.

17 TOM: All righty?

18 CONTROL CENTER: We might give you call -- if we do  
19 decide to start up again we might give you a call anyways --

20 TOM: Yep.

21 CONTROL CENTER: -- just to double check, but --

22 TOM: No problem. We'll help you out. I'm sitting in  
23 here my office.

24 CONTROL CENTER: Awesome. Thanks, Tom.

25 TOM: Okay. Take care.

1 CONTROL CENTER: Bye.

2 TOM: Bye.

3 \* \* \*

4 **07\_26\_2010\_10:21:24\_EDT\_BRD\_2100\_CH\_014**

5 CONTROL CENTER: Control Center.

6 UNIDENTIFIED SPEAKER: Line 4?

7 CONTROL CENTER: Yeah.

8 UNIDENTIFIED SPEAKER: Yeah, this is Sinclair at  
9 Hardisty here.

10 CONTROL CENTER: Yeah.

11 UNIDENTIFIED SPEAKER: Who do I have today?

12 CONTROL CENTER: Justin.

13 UNIDENTIFIED SPEAKER: Justin, how you doing? I just  
14 wanted to check on, are you reading the upstream densitometer  
15 site there at milepost 100?

16 CONTROL CENTER: Milepost 100, no, that's, that's --  
17 just a second. Let me, let me bring that up.

18 UNIDENTIFIED SPEAKER: Yeah, because there were some  
19 reports of it not communicating with --

20 CONTROL CENTER: No, it's, it's been out for a while.  
21 Actually, milepost 100 is in and out all the time. It says remote  
22 PLC failed.

23 UNIDENTIFIED SPEAKER: It does, eh?

24 CONTROL CENTER: Yeah.

25 UNIDENTIFIED SPEAKER: Currently right now?

1 CONTROL CENTER: Yeah.

2 UNIDENTIFIED SPEAKER: Okay. Is that the only alarm  
3 that's coming from that site right now?

4 CONTROL CENTER: Just a sec. Milepost 100 M340 remote  
5 PLC failed for 5 minutes. PLC 20 network address mod bus +20.

6 UNIDENTIFIED SPEAKER: Okay.

7 CONTROL CENTER: And then there's MP 100 remote PLC  
8 power supply failed.

9 UNIDENTIFIED SPEAKER: Okay. That's what it's showing  
10 right now, eh?

11 CONTROL CENTER: Yeah.

12 UNIDENTIFIED SPEAKER: Okay. Are you reading any  
13 density value from there at all?

14 CONTROL CENTER: Milepost 100?

15 UNIDENTIFIED SPEAKER: Yeah.

16 CONTROL CENTER: I don't really use that densitometer.  
17 The only one I use is -- I use the one at --

18 UNIDENTIFIED SPEAKER: 107?

19 CONTROL CENTER: -- (indiscernible) --

20 UNIDENTIFIED SPEAKER: Yeah, at 107?

21 CONTROL CENTER: -- Station. Yeah.

22 UNIDENTIFIED SPEAKER: Okay. Because I was wondering --  
23 like you, you don't actually read those values then currently then  
24 from that location?

25 CONTROL CENTER: No I don't. Just one second.



1           Hey (indiscernible) can you guys see the milepost 100  
2 densitometer?

3           Okay. Yeah, no we don't really use that one.

4           UNIDENTIFIED SPEAKER: Okay. Yeah, because the only --  
5 as far as I know the only density value that's coming from that  
6 site is for Line 4.

7           CONTROL CENTER: Yeah.

8           UNIDENTIFIED SPEAKER: And right now you're currently  
9 not reading that as part of your, your normal day-to-day type of  
10 thing?

11          CONTROL CENTER: Yeah. No, not -- I think that -- I  
12 don't know if it is or not, but that might be or have something to  
13 do with that new densitometer they put in there.

14          UNIDENTIFIED SPEAKER: Yeah, it's, it's supposedly -- I  
15 don't know. We're not sure on the site here if that's actually in  
16 service or not right now.

17          CONTROL CENTER: Yeah. No, we don't use it, so --

18          UNIDENTIFIED SPEAKER: Okay. I'll start checking with  
19 the engineers whoever put it in to see where it's at because right  
20 now we don't even know if it's in service locally ourselves here.

21          CONTROL CENTER: Oh, okay.

22          UNIDENTIFIED SPEAKER: So -- yeah, but I noticed that we  
23 are reading a value, upstream value, but I think that might be  
24 coming from that upstream densitometer site and not the, not the  
25 one we're currently talking about here.

1 CONTROL CENTER: Oh, okay.

2 UNIDENTIFIED SPEAKER: But are you getting just an  
3 upstream site value right now?

4 CONTROL CENTER: Yeah, the regular ones that we use  
5 upstream in the station are working fine.

6 UNIDENTIFIED SPEAKER: Okay. You're seeing those, eh?

7 CONTROL CENTER: Yeah, absolutely.

8 UNIDENTIFIED SPEAKER: Okay. Good enough. Then I'll  
9 talk to you later. We'll see if we can cure what the heck is  
10 happening there on that.

11 CONTROL CENTER: Perfect.

12 UNIDENTIFIED SPEAKER: Okay.

13 CONTROL CENTER: Thank you.

14 UNIDENTIFIED SPEAKER: All right. Bye-bye.

15 \* \* \*

16 **07\_26\_2010\_10:22:28\_EDT\_BRD\_2100\_CH\_030**

17 CONTROL CENTER: Control Center, Kelly speaking.

18 UNIDENTIFIED SPEAKER: Kelly, is Brad there?

19 CONTROL CENTER: Yeah, he's right there.

20 UNIDENTIFIED SPEAKER: Hey -- okay, I found -- they  
21 closed that valve like right after 1459.

22 UNIDENTIFIED SPEAKER 1: At Stockbridge?

23 UNIDENTIFIED SPEAKER: At Stockbridge.

24 CONTROL CENTER: They started closing it or it was fully  
25 (indiscernible).

1 UNIDENTIFIED SPEAKER: It -- well, (indiscernible) in  
2 travel when they issued the command.

3 CONTROL CENTER: Yeah.

4 UNIDENTIFIED SPEAKER: And then it looks like that unit  
5 may have went off on Marshall's suction.

6 UNIDENTIFIED SPEAKER 1: Okay.

7 UNIDENTIFIED SPEAKER: Because -- well, it, it happened  
8 -- the low suction pressure alarm at Marshall and the sequence  
9 all happened at the same time.

10 CONTROL CENTER: Well, was there a -- do you know if  
11 there was a command saying shut off or was it --

12 UNIDENTIFIED SPEAKER: I don't know. (indiscernible)  
13 Alarm Bureau I don't think does commands.

14 UNIDENTIFIED SPEAKER 1: Yeah, I think --

15 UNIDENTIFIED SPEAKER: Or I guess, yeah, maybe S1,  
16 right.

17 CONTROL CENTER: So --

18 UNIDENTIFIED SPEAKER 1: Yeah, it should be green.

19 UNIDENTIFIED SPEAKER: The green ones (indiscernible).

20 CONTROL CENTER: The green ones, yeah, are commands  
21 usually and it says what console sent the alarm or the command and  
22 stuff like that usually.

23 UNIDENTIFIED SPEAKER: Yeah. I didn't know. I'll have  
24 to do it again.

25 CONTROL CENTER: Okay.

1 UNIDENTIFIED SPEAKER: It should have closed it off. Is  
2 the engineers looking at her?

3 CONTROL CENTER: Brad just talked to -- did you talk to  
4 Richard?

5 UNIDENTIFIED SPEAKER 1: He's not here yet.

6 CONTROL CENTER: Richard's not here yet.

7 UNIDENTIFIED SPEAKER: All right.

8 CONTROL CENTER: Yeah, I don't really -- he didn't give  
9 me a lot, so, I'll put it in an e-mail exactly what -- okay. I'm  
10 going to have to look back --

11 UNIDENTIFIED SPEAKER: No, it doesn't show them.

12 CONTROL CENTER: It doesn't show a command?

13 UNIDENTIFIED SPEAKER: The green ones. No, on the  
14 historical.

15 CONTROL CENTER: Okay.

16 UNIDENTIFIED SPEAKER 1: He'll be able to help you. He  
17 knows how to get those.

18 CONTROL CENTER: Are you looking at a historical alarm  
19 bureau or are you looking at commands and --

20 UNIDENTIFIED SPEAKER: I'm looking at historical alarm  
21 bureau.

22 CONTROL CENTER: Okay. Okay.

23 UNIDENTIFIED SPEAKER: Yeah, I've got severity all,  
24 acknowledged, yeah.

25 CONTROL CENTER: Acknowledge should be all.

1 UNIDENTIFIED SPEAKER: (indiscernible).

2 CONTROL CENTER: Because you don't have to acknowledge  
3 those commands. So if you set that one to all, it'll go all  
4 commands, all --

5 UNIDENTIFIED SPEAKER: Green. Oh, yeah, then I get the  
6 white ones, too.

7 CONTROL CENTER: They're showing up now?

8 UNIDENTIFIED SPEAKER: It kind of looks like it.

9 CONTROL CENTER: Like any set point changes should show  
10 up in green.

11 UNIDENTIFIED SPEAKER: I'm getting the S2s.

12 CONTROL CENTER: We'll see if one of the technical guys  
13 can -- or see --

14 UNIDENTIFIED SPEAKER: Camille --

15 CONTROL CENTER: See if Camille is busy and see if you  
16 can help out and see if you can find another way to find commands.

17 UNIDENTIFIED SPEAKER: Commands. Okay.

18 CONTROL CENTER: All right? Thanks, man.

19 UNIDENTIFIED SPEAKER: (indiscernible)

20 \* \* \*

21 **07\_26\_2010\_10:24:41\_EDT\_BRD\_2100\_CH\_035**

22 RICHARD: This is Richard.

23 CONTROL CENTER: Richard.

24 RICHARD: Hey. How's it going?

25 CONTROL CENTER: Good. You?

1 RICHARD: Good.

2 CONTROL CENTER: Are you on your way in?

3 RICHARD: I am.

4 CONTROL CENTER: Okay. We need your help.

5 RICHARD: What's (indiscernible)? What's shaking?

6 CONTROL CENTER: Line 6B we are -- we have a suspected

7 leak --

8 RICHARD: Okay.

9 CONTROL CENTER: -- around Marshall and we need you to  
10 help us out -- figure out some numbers.

11 RICHARD: Okay. I'm on the train, so --

12 CONTROL CENTER: Right on.

13 RICHARD: Okay.

14 \* \* \*

15 **07\_26\_2010\_10:30:51\_EDT\_BRD\_2100\_CH\_014**

16 CONTROL CENTER: Control Center.

17 SHANE: Hi, there. How you doing?

18 CONTROL CENTER: Pretty good. You?

19 SHANE: Good. Shane in Hardisty.

20 CONTROL CENTER: Yeah.

21 SHANE: I'm just looking for a flow rate and a density  
22 today.

23 CONTROL CENTER: Current density is 928 and the flow  
24 rate is -- we're doing about 5600.

25 SHANE: 5600.

1 CONTROL CENTER: Yeah.

2 SHANE: All right. Thank you, sir.

3 CONTROL CENTER: Thanks. Bye.

4 SHANE: All right, bye.

5 \* \* \*

6 **07\_26\_2010\_10:37:30\_EDT\_BRD\_2100\_CH\_014**

7 CONTROL CENTER: Control Center.

8 JEFF: Hey, Justin. It's Jeff with a pig 1 update.

9 CONTROL CENTER: Perfect.

10 JEFF: Milepost 655 at 0733.

11 CONTROL CENTER: 655 at 7:33?

12 JEFF: Yep.

13 CONTROL CENTER: Perfect.

14 JEFF: Thanks, man.

15 CONTROL CENTER: Yeah, thank you.

16 JEFF: Bye.

17 CONTROL CENTER: Bye.

18 \* \* \*

19 **07\_26\_2010\_10:38:48\_EDT\_BRD\_2100\_CH\_023**

20 STEVE: Griffith Desk, Steve speaking.

21 UNIDENTIFIED SPEAKER: Hey, how's it going?

22 STEVE: Good. How you doing?

23 UNIDENTIFIED SPEAKER: Good. This is (indiscernible) at  
24 the Griffith Desk.

25 STEVE: Hey.

1 UNIDENTIFIED SPEAKER: Obviously because I'm phoning  
2 you. We might have some problems with 6B being shut down.

3 STEVE: Okay.

4 UNIDENTIFIED SPEAKER: You're supposed to pull from Tank  
5 80 at 3:45 this morning, and we haven't done so, and we are due to  
6 land in there at 3:30 this afternoon.

7 STEVE: Okay.

8 UNIDENTIFIED SPEAKER: We only have 2200 cubes of room.

9 STEVE: Okay.

10 UNIDENTIFIED SPEAKER: So there could -- well, basically  
11 it's inevitable. Eventually we're going to have to shut down  
12 because we just have no room at Griffith. Everything like even if  
13 we swapped that tank to 77, which is a Cold Lake tank I think as  
14 well --

15 STEVE: Uh-huh.

16 UNIDENTIFIED SPEAKER: -- there's other Cold Lakes  
17 coming down that are landing into Griffith as well that --

18 STEVE: So we'll have to look into putting some slow  
19 down on 6A.

20 UNIDENTIFIED SPEAKER: Yeah, maybe slow the rate down.

21 STEVE: Okay. I'll run this by the pipeline scheduler.

22 UNIDENTIFIED SPEAKER: Okay.

23 STEVE: And see what they think and I'll take a look at  
24 tankage and then I'll get back to you.

25 UNIDENTIFIED SPEAKER: Sounds good.



1 STEVE: All right.

2 UNIDENTIFIED SPEAKER: All right. Thanks.

3 STEVE: Thanks. Bye.

4 \* \* \*

5 **07\_26\_2010\_10:44:29\_EDT\_BRD\_2100\_CH\_025**

6 CONTROL CENTER: Control Center, Kelly speaking.

7 DAN: Hey, Kelly. Dan here.

8 CONTROL CENTER: Hey, Dan.

9 DAN: Hey. I got an over and short on Line 3.

10 CONTROL CENTER: Okay.

11 DAN: I'm going from a WCS to our buffer batch shee  
12 (ph.).

13 CONTROL CENTER: Okay.

14 DAN: And it's 684 over.

15 CONTROL CENTER: Okay. So you're going from a heavy to  
16 a shee?

17 DAN: Heavy to a shee and from that to the sweets. It's  
18 the buffer for the sweets.

19 CONTROL CENTER: Okay.

20 DAN: And this is this modified cut procedure that we're  
21 doing now for sweets, so it's CPC +5 at that's where, that's where  
22 she hit.

23 CONTROL CENTER: Okay. So that's -- are they normally  
24 long then?

25 DAN: Yeah, they're always normally long, yeah.

1 CONTROL CENTER: Okay. So you had to throw in a good  
2 comment there and it should be good.

3 DAN: Okay.

4 CONTROL CENTER: Thanks, Dan.

5 DAN: You're welcome.

6 CONTROL CENTER: Bye-bye.

7 DAN: Bye.

8 \* \* \*

9 **07\_26\_2010\_10:49:12\_EDT\_BRD\_2100\_CH\_013**

10 CONTROL CENTER: Hey.

11 TRACEY: Hey, it's Tracey at Edmonton. I don't know if  
12 you can check this or not, but your line filled for the -- a SH  
13 batch that was pumped last night.

14 CONTROL CENTER: Okay.

15 TRACEY: Does everything look cool there? Because I am  
16 showing that it should be 100 cubes less. He grabbed his tank  
17 gauge before the SOB stopped moving.

18 CONTROL CENTER: Okay.

19 TRACEY: So his closing should be -- he should have  
20 pumped 100 cubes less than what he put into the CMT.

21 CONTROL CENTER: Oh, okay.

22 TRACEY: So I'm just wondering if everything looks cool  
23 on your end or --

24 CONTROL CENTER: Yeah, like that's -- you're talking  
25 from last night?

1 TRACEY: Yeah.

2 CONTROL CENTER: Yeah, there's no over and shorts or --

3 TRACEY: Because my tank is at 113 cubes and I just kind  
4 of was hunting around and that's what happened. Like, he grabbed  
5 his closing gauge before the SOB stopped moving.

6 CONTROL CENTER: Yeah.

7 TRACEY: And if he had let it, you know, go for another  
8 couple minutes it would have went -- it would have settled out 100  
9 cubes higher than what he grabbed it at.

10 CONTROL CENTER: Oh, okay.

11 TRACEY: And it's a dead tank now, so I don't know --

12 CONTROL CENTER: So you want to go back and -- well, I  
13 guess it doesn't matter. You -- unless you changed the batch  
14 time, right? You can't. It's -- is that what you're saying?  
15 Like you want to change the -- everything looks fine here.

16 TRACEY: Yeah, it -- like whatever -- hmm. Because I  
17 don't -- like I could change the closing gauge. That would put my  
18 tank farm in balance, but then it might throw you off.

19 CONTROL CENTER: Yeah, I'd just have to rerun between  
20 the time that you changed it and then that would set everything,  
21 right?

22 TRACEY: Yeah.

23 CONTROL CENTER: Yeah.

24 TRACEY: Okay. So maybe I'll do that. I'll go in and  
25 I'll put the closing gauge it should be. So it would be on the

1 SH-971 batch.

2 CONTROL CENTER: What, what time did it happen at  
3 though?

4 TRACEY: It closed at 5 minutes after midnight.

5 CONTROL CENTER: So 00 --

6 TRACEY: 0005, yeah.

7 CONTROL CENTER: On the 25th. So I'll run back from  
8 2300 to 7:00.

9 TRACEY: Okay. I'll do the same.

10 CONTROL CENTER: And if you -- once you change out and  
11 you summarize -- oh, no wait. Today's the 26th -- or the 26th,  
12 right?

13 TRACEY: Six, yeah. So I'll summarize back from 2300  
14 until 7:00 and we'll see -- and then I don't know. You can run  
15 whatever you --

16 CONTROL CENTER: At 2300 on the 25th?

17 TRACEY: Yeah.

18 CONTROL CENTER: Until -- yeah.

19 TRACEY: Until 7:00.

20 CONTROL CENTER: If you do that, change that and then  
21 I'll, I'll re-summarize and then we'll see how that goes.

22 TRACEY: Hopefully it works. Okay, I'm done  
23 summarizing. So --

24 CONTROL CENTER: Okay.

25 TRACEY: You can go ahead and see what happens, I guess.

1 CONTROL CENTER: All right.

2 TRACEY: I didn't know if it would throw you off or --

3 CONTROL CENTER: Well, as long as I rerun back --

4 TRACEY: Um-hum.

5 CONTROL CENTER: -- and, and accept the changes, then it  
6 puts everything back into align, right.

7 TRACEY: Oh, okay. That's what -- that's exactly what  
8 he did. He just grabbed it before the SOB quit moving.

9 CONTROL CENTER: Yeah.

10 TRACEY: And we've got such a delay now on our tank  
11 readings.

12 CONTROL CENTER: Yeah.

13 TRACEY: Like it can delay up to like 9 minutes before  
14 you actually see what's going on.

15 CONTROL CENTER: That's (indiscernible).

16 TRACEY: Kind of a pain.

17 CONTROL CENTER: Especially on stuff like Line 4 when  
18 you're (indiscernible).

19 TRACEY: I know. Yeah, when you're doing like 5500  
20 cubes an hour it's like geez.

21 CONTROL CENTER: Yeah.

22 TRACEY: Okay. So my tank farm's in balance now.

23 CONTROL CENTER: Yeah, and it just sends -- it sends me  
24 a note and I replace my, my tracks and then we're done.

25 TRACEY: And we're looking okay you think or --

1 CONTROL CENTER: Yeah. Everything's fine here. Like I  
2 said --

3 TRACEY: Yeah.

4 CONTROL CENTER: -- as long as I go back and accept the  
5 change, it's not a big deal.

6 TRACEY: Okay, cool.

7 CONTROL CENTER: Perfect.

8 TRACEY: Okay. Thanks a lot, man.

9 CONTROL CENTER: No problem.

10 TRACEY: Talk to you later.

11 CONTROL CENTER: Yeah, bye.

12 TRACEY: Bye.

13 \* \* \*

14 **07\_26\_2010\_10:49:46\_EDT\_BRD\_2100\_CH\_023**

15 CONTROL CENTER: Enbridge, Kelthy speaking.

16 DAVE: Hey, Kelthy, it's Dave again.

17 CONTROL CENTER: Hey.

18 DAVE: Is there room in 77 right now?

19 CONTROL CENTER: There is, but depending on how long  
20 it'll be down because they have like Cold Lake 672 and Cold Lake  
21 809 going in there as well after that.

22 DAVE: Yeah. So we'd just be delaying the problem then,  
23 hey?

24 CONTROL CENTER: Yeah.

25 DAVE: Okay.

1 CONTROL CENTER: Whereas lowering the rate would buy us  
2 some time.

3 DAVE: Yeah.

4 CONTROL CENTER: Or you can risk it and say keep the  
5 rate and change that 80 to 77 for now because we do go up to  
6 Lockport for a bit because that next Cold Lake doesn't land until  
7 3:00 in the morning. I guess it all depends on what's going on,  
8 on 6B.

9 DAVE: Yeah. Because I'm wondering if we maybe just put  
10 that into 77 for now plus look at slowing the rate down.

11 CONTROL CENTER: Okay. Let me just double check here  
12 because we've got one landing next in 77, and I put that one in  
13 there. So I have at least 19,000 and some. So we have 31,000  
14 space. So, yeah, we'd be able to fit both of those batches.  
15 That'll take us to go up to Lockport. So -- and then, like I was  
16 looking, I'm like Hartsdale is full because we've got some that  
17 are already landing in 1603.

18 DAVE: Yeah.

19 CONTROL CENTER: It's just crazy.

20 DAVE: Yeah, I took a look. Everything's full on that  
21 side.

22 CONTROL CENTER: Yeah. So -- but yeah, that's  
23 definitely an option if you want us to land into 77 on that one.

24 DAVE: Okay. And that's Cold Lake 968, right?

25 CONTROL CENTER: Yeah.





1 CONTROL CENTER: No problem.

2 PETE: Bye.

3 CONTROL CENTER: Bye.

4 \* \* \*

5 **07\_26\_2010\_10:50:24\_EDT\_BRD\_2100\_CH\_030**

6 GREG: (indiscernible).

7 UNIDENTIFIED SPEAKER: Hey.

8 GREG: Hey, it's Greg here. Hey, I didn't call you, did  
9 I?

10 UNIDENTIFIED SPEAKER: No, you never.

11 GREG: Sorry about that. Yeah, we're good.

12 UNIDENTIFIED SPEAKER: Okay. Perfect.

13 GREG: All right.

14 UNIDENTIFIED SPEAKER: I was just about to phone you  
15 anyway.

16 GREG: Okay. Sorry about that.

17 UNIDENTIFIED SPEAKER: No problem. Talk to you later.

18 GREG: All right. Bye.

19 \* \* \*

20 **07\_26\_2010\_10:52:45\_EDT\_BRD\_2100\_CH\_038**

21 CONTROL CENTER: Good morning.

22 UNIDENTIFIED SPEAKER: How's it going?

23 CONTROL CENTER: Good. How are you?

24 UNIDENTIFIED SPEAKER: Pretty good.

25 CONTROL CENTER: Good.

1 UNIDENTIFIED SPEAKER: Hey, I just got your e-mail. You  
2 said the span display, right?

3 CONTROL CENTER: Yeah.

4 UNIDENTIFIED SPEAKER: I'm getting nothing in the span  
5 display.

6 CONTROL CENTER: What do you mean?

7 UNIDENTIFIED SPEAKER: Like it's completely blank other  
8 than the headings, like the columns.

9 CONTROL CENTER: Is there a refresh button?

10 UNIDENTIFIED SPEAKER: No.

11 CONTROL CENTER: No.

12 UNIDENTIFIED SPEAKER: There's no refresh button but I  
13 hit the same thing twice which is the same as refresh, right?

14 CONTROL CENTER: You should be. Where are you working?

15 UNIDENTIFIED SPEAKER: Right in the Line 13 directory.

16 CONTROL CENTER: On Rextsome (ph.).

17 UNIDENTIFIED SPEAKER: No, I'm actually looking at the  
18 production model. Oh, okay. It won't be in there.

19 CONTROL CENTER: Oh, okay. Should I be using the  
20 testing model or --

21 UNIDENTIFIED SPEAKER: Yeah, yeah, it'll be in your test  
22 model. Yeah, I haven't enabled spans on the production model yet.

23 CONTROL CENTER: Okay. Fair enough.

24 UNIDENTIFIED SPEAKER: Yeah, so they won't show up in  
25 there yet.

1 CONTROL CENTER: Okay. And that's what I was doing the  
2 other night when I couldn't find it there.

3 UNIDENTIFIED SPEAKER: Okay.

4 CONTROL CENTER: Hey, just to give you a heads up here,  
5 because I think you're on backup today, right --

6 UNIDENTIFIED SPEAKER: Yep.

7 CONTROL CENTER: -- Line 6 is having some issues right  
8 now.

9 UNIDENTIFIED SPEAKER: Line 6.

10 CONTROL CENTER: Yeah.

11 UNIDENTIFIED SPEAKER: Okay.

12 CONTROL CENTER: They have injected about 2300 cubes --

13 UNIDENTIFIED SPEAKER: Uh-huh.

14 CONTROL CENTER: -- and only 200 came out.

15 UNIDENTIFIED SPEAKER: Oh.

16 CONTROL CENTER: But they're having some power problems  
17 which is causing like column sets down the line.

18 UNIDENTIFIED SPEAKER: Okay.

19 CONTROL CENTER: So NL station is turned off.

20 UNIDENTIFIED SPEAKER: NL.

21 CONTROL CENTER: Yep.

22 UNIDENTIFIED SPEAKER: Okay.

23 CONTROL CENTER: So, yeah, I guess whatever the case is,  
24 they can't put enough power in there to break -- to pack the  
25 column.

1 UNIDENTIFIED SPEAKER: Okay.

2 CONTROL CENTER: But still, putting in 2300 cubes, they  
3 said more should be coming out than 200.

4 UNIDENTIFIED SPEAKER: Uh-huh. Obviously.

5 CONTROL CENTER: Yeah, so they kind of have been working  
6 on that all morning there.

7 UNIDENTIFIED SPEAKER: Okay.

8 CONTROL CENTER: I haven't found anything that's really  
9 been touched on or anything. It's not even showing flow in the  
10 model at all.

11 UNIDENTIFIED SPEAKER: Okay.

12 CONTROL CENTER: So just so you've got a heads up that  
13 that's kind of what's going on down here.

14 UNIDENTIFIED SPEAKER: Sure, yeah. I'll talk to Ted,  
15 too, since he's the Line 6 custodian and he's my backup. So --

16 CONTROL CENTER: Okay.

17 UNIDENTIFIED SPEAKER: All right.

18 CONTROL CENTER: Thanks.

19 UNIDENTIFIED SPEAKER: Okay. Thanks.

20 CONTROL CENTER: Bye.

21 UNIDENTIFIED SPEAKER: Bye.

22 \* \* \*

23 **07\_26\_2010\_10:53:53\_EDT\_BRD\_9000\_CH\_003**

24 CONTROL CENTER: Enbridge Pipeline emergency phone. Go  
25 ahead. What's your pipeline emergency?

1 UNIDENTIFIED SPEAKER: Well, I don't have an emergency,  
2 but I have a question.

3 CONTROL CENTER: All righty.

4 UNIDENTIFIED SPEAKER: We received a letter from you  
5 saying (indiscernible) the pipeline (indiscernible) located near  
6 your home or business.

7 CONTROL CENTER: Okay.

8 UNIDENTIFIED SPEAKER: We own farmland in Logan and  
9 Dewitt County. I don't know of any pipelines that are near us.  
10 Why would we have gotten a letter like this? Do you have any  
11 idea?

12 CONTROL CENTER: Oh, it just might be -- yeah, it might  
13 not be through your property or anything. It might be in the  
14 general area. What state are you in?

15 UNIDENTIFIED SPEAKER: Illinois. Logan County in the  
16 middle of Illinois, state of Illinois, and Dewitt County adjacent  
17 to us in Logan County.

18 CONTROL CENTER: Okay. Let me just bring up a map here.

19 UNIDENTIFIED SPEAKER: I heard of a pipeline coming in  
20 going south someplace, but I never heard any more about it.

21 CONTROL CENTER: What -- let me see here. Yeah, we got  
22 a pipeline that runs through Tazewell and Mason County. I think  
23 that's -- looks like the county over from you?

24 UNIDENTIFIED SPEAKER: Yeah, that's -- that's west of  
25 us.

1 CONTROL CENTER: Yeah.

2 UNIDENTIFIED SPEAKER: (indiscernible)

3 CONTROL CENTER: So it just could be because it's, it's  
4 close to you that they do still -- you know, it's within kind of  
5 maybe -- Logan County comes within --

6 UNIDENTIFIED SPEAKER: What assessment?

7 CONTROL CENTER: -- probably 10 miles, 5 miles within  
8 out pipelines. So they just sometimes send it out to the whole  
9 general area just --

10 UNIDENTIFIED SPEAKER: I see.

11 CONTROL CENTER: -- just so you know.

12 UNIDENTIFIED SPEAKER: Is there -- do you know if  
13 there's a proposed line going in, in central Illinois? It just  
14 seems (indiscernible) one of those lines one time, but I couldn't  
15 make out anything.

16 CONTROL CENTER: Yeah, I believe there -- there is. I  
17 think, yeah, there's -- there's a proposal for it anyways, I  
18 believe, yeah.

19 UNIDENTIFIED SPEAKER: You're located in Houston, right?

20 CONTROL CENTER: No. I'm in Edmonton, Alberta.

21 UNIDENTIFIED SPEAKER: Pardon?

22 CONTROL CENTER: I'm in Edmonton, Alberta.

23 UNIDENTIFIED SPEAKER: Oh, you are?

24 CONTROL CENTER: Yep.

25 UNIDENTIFIED SPEAKER: Oh, okay.

1 CONTROL CENTER: Yeah, it's our control center for the  
2 liquids pipelines.

3 UNIDENTIFIED SPEAKER: I see. Okay, well --

4 CONTROL CENTER: So no real emergency, just wondering  
5 why you got that piece of paper then I guess, that letter?

6 UNIDENTIFIED SPEAKER: Yeah.

7 CONTROL CENTER: All right. Yeah.

8 UNIDENTIFIED SPEAKER: Yeah, and I just wondered that I  
9 -- for some reason I didn't know that a pipeline was close to us.

10 CONTROL CENTER: Yeah.

11 UNIDENTIFIED SPEAKER: Yeah.

12 CONTROL CENTER: Currently it's just -- yeah.

13 UNIDENTIFIED SPEAKER: Yeah.

14 CONTROL CENTER: It's the neighboring county I guess  
15 over from you guys.

16 UNIDENTIFIED SPEAKER: Yeah, it's -- it's west of us.

17 CONTROL CENTER: Yepper.

18 UNIDENTIFIED SPEAKER: Yeah.

19 CONTROL CENTER: This is an emergency line. I better  
20 let you go here.

21 UNIDENTIFIED SPEAKER: Okay. Thank you.

22 CONTROL CENTER: Thank you. Bye-bye.

23 \* \* \*

24 **07\_26\_2010\_10:55:50\_EDT\_BRD\_2100\_CH\_035**

25 CONTROL CENTER: Control Center.

1 UNIDENTIFIED SPEAKER: Good afternoon.

2 CONTROL CENTER: Hi.

3 UNIDENTIFIED SPEAKER: How are you?

4 CONTROL CENTER: Good. How are you?

5 UNIDENTIFIED SPEAKER: Good. Is Camille working today?

6 CONTROL CENTER: He is on Line 1.

7 UNIDENTIFIED SPEAKER: Is he?

8 CONTROL CENTER: Yes.

9 UNIDENTIFIED SPEAKER: Could you by chance transfer me  
10 over there?

11 CONTROL CENTER: [REDACTED] you. Who's this?

12 UNIDENTIFIED SPEAKER: You know who this is. It's your  
13 worse [REDACTED] nightmare. Actually it's [REDACTED], right?

14 CONTROL CENTER: Yeah. You want me to transfer you?

15 UNIDENTIFIED SPEAKER: No. I'll phone direct. I just  
16 don't know what desks people sit at any more, so I'll just phone  
17 direct.

18 CONTROL CENTER: All right.

19 UNIDENTIFIED SPEAKER: Hey.

20 CONTROL CENTER: Love you.

21 UNIDENTIFIED SPEAKER: Yeah, you too.

22 \* \* \*

23 **07\_26\_2010\_10:58:12\_EDT\_BRD\_2100\_CH\_023**

24 (No recording.)

25 \* \* \*



1                   **07\_24\_2010\_10:58:16\_EDT\_BRD\_9000\_CH\_003**

2                   CONTROL CENTER: Enbridge pipeline emergency phone. Go  
3 ahead. What's your pipeline emergency?

4                   ALAN: We have a cave in on one of your pipeline  
5 crossings.

6                   CONTROL CENTER: Just the ground caving in above it?

7                   ALAN: No. The road is caved in.

8                   CONTROL CENTER: The road is caved in.

9                   ALAN: Yep.

10                  CONTROL CENTER: Oh.

11                  ALAN: (indiscernible) the crossing once before. The  
12 guys came and fixed it and now we've got (indiscernible) right  
13 beside where they fixed.

14                  CONTROL CENTER: Okay. So no oil or anything like that?  
15 Just the ground is caved in, is that correct?

16                  ALAN: Yeah. Yeah, I'd say it's a good sized cave in.

17                  CONTROL CENTER: Yeah. No, for sure.

18                  ALAN: Yeah.

19                  CONTROL CENTER: I'm just confirming that there's no oil  
20 -- that's there no oil or anything like that. It's just a cave  
21 in?

22                  ALAN: At this point, right.

23                  CONTROL CENTER: Yep. So what -- where are you located?

24                  ALAN: It' on the south southwest 30 47 17, west of the  
25 4th. It's right at the end -- east of the intersection of

1 Township Road 474.

2 CONTROL CENTER: Okay. Sorry. East of Township --

3 ALAN: Road 474.

4 CONTROL CENTER: 474.

5 ALAN: And Range Road 180. Number 6 pipeline crosses  
6 there (indiscernible) and at the very east crossing. Out of the  
7 6, it's the very east one. And it's approaching the centerline of  
8 the road. We've got it barricaded and marked and so and so forth.

9 CONTROL CENTER: Okay. What was your name?

10 ALAN: Alan calling from Camrose County.

11 CONTROL CENTER: Okay. Sir, I don't have the map right  
12 in front of me. Which way from (indiscernible) is that?

13 ALAN: It would be east and north.

14 CONTROL CENTER: East and north, okay.

15 ALAN: Four miles north of 26 on the Willowdale Road.

16 CONTROL CENTER: Okay.

17 ALAN: And then 2 miles east.

18 CONTROL CENTER: All righty. So east of Township Road  
19 474 and Range Road 180?

20 ALAN: Yeah. And it's plain as day. You can see it.  
21 It's barricaded and signed.

22 CONTROL CENTER: Yeah. Okay I will -- Alan, what was  
23 your phone number, your callback number?

24 ALAN: [REDACTED].

25 CONTROL CENTER: [REDACTED]

1 ALAN: That's correct. And I'm on site right now.

2 CONTROL CENTER: All righty. I'll probably have  
3 somebody giving you a call here and checking you out here in a  
4 little bit.

5 ALAN: Real good.

6 CONTROL CENTER: Thank you very much, Alan.

7 ALAN: Bye-bye.

8 CONTROL CENTER: Bye-bye.

9 \* \* \*

10 **07\_26\_2010\_11:01:12\_EDT\_BRD\_2100\_CH\_044**

11 CONTROL CENTER: Control Center, Kelly here.

12 GREG: Kelly.

13 CONTROL CENTER: Hey.

14 GREG: Yeah, so, no, he issued the command to stop the  
15 Marshall unit.

16 CONTROL CENTER: He did. When? You're talking about  
17 the time when it went to zero there?

18 GREG: Yeah, yeah.

19 CONTROL CENTER: Okay. Okay. Did Brad talk to you  
20 about looking into the -- well, I guess you did look into the  
21 whole shutdown. Was there -- the sequence of how things shut  
22 down, was there -- did he shut down ahead of Mendon or upstream of  
23 Mendon quite a bit sooner or was it all kind of all at once?

24 GREG: Just hold on a sec here.

25 CONTROL CENTER: Okay.

1 GREG: What do they -- have they figured anything out  
2 or --

3 CONTROL CENTER: No. I think they just talked to  
4 Richard (indiscernible) about it.

5 Do you want to get the phone, Brad? The other line?

6 GREG: So Unit 1 Mendon, turned Mendon off 1458.

7 CONTROL CENTER: Just got to grab the emergency phone  
8 there.

9 GREG: Okay.

10 CONTROL CENTER: Put you on hold.

11 (Caller on hold)

12 GREG: Kelly.

13 CONTROL CENTER: Hey, Greg.

14 GREG: Yeah, so it looks like, yeah, he turned  
15 everything off all at once. Niles went off at 1457.

16 CONTROL CENTER: Yeah.

17 GREG: Mendon 1458 and Marshall is like 1458, just  
18 like --

19 CONTROL CENTER: So it's all bang, bang, bang.

20 GREG: Yeah.

21 CONTROL CENTER: Okay. No, that's what we figured just  
22 thought we'd double check everything. Okay. We'll let the  
23 engineers here take a quick or a look at it here as well. Brad's  
24 still looking at some historicals as well.

25 GREG: Yeah.

1 CONTROL CENTER: We've got to figure out what's going on  
2 here.

3 GREG: Yeah, they closed everything up right away.

4 CONTROL CENTER: Yeah.

5 GREG: So they shouldn't have drained (indiscernible).

6 CONTROL CENTER: I think you were talking about the  
7 shutdown into Sarnia that they were --

8 GREG: Oh, they drained out the line, yeah.

9 CONTROL CENTER: When they, when they did the  
10 Stockbridge, when they swung into Stockbridge, that they drained  
11 out quite a bit on the shutdown at Sarnia or whatever.

12 GREG: Oh, right. Yeah. Yeah, that's what they always  
13 do, yeah.

14 CONTROL CENTER: Yeah, so they figured it was about 600  
15 and then -- yeah, also the pressure was at 0 at Marshall for some  
16 reason when they shut down, so that would have added a little bit  
17 to it. And then -- yeah. So I guess best case we were close to,  
18 to putting the column back together, but we'll let the engineers  
19 take a look here.

20 GREG: All right.

21 CONTROL CENTER: Thanks, man.

22 GREG: Bye.

23 \* \* \*

24 **07\_26\_2010\_11:01:31\_EDT\_BRD\_2100\_CH\_014**

25 PETE: Yeah, this is Pete (indiscernible). I'm all done

1 in here.

2 CONTROL CENTER: Sounds good.

3 PETE: Okay. Thanks.

4 CONTROL CENTER: Thanks.

5 PETE: Bye.

6 \* \* \*

7 **07\_26\_2010\_11:01:33\_EDT\_BRD\_2100\_CH\_038**

8 CONTROL CENTER: Hello.

9 UNIDENTIFIED SPEAKER: Okay. You said that they're  
10 coming in at Griffith at 2300?

11 CONTROL CENTER: No, they have injected 2300 cubes  
12 already. I'm not sure of the rate per hour.

13 UNIDENTIFIED SPEAKER: Okay. So they -- but are they  
14 flowing right now?

15 CONTROL CENTER: Yes, they are.

16 UNIDENTIFIED SPEAKER: Okay.

17 CONTROL CENTER: So I don't know their rate. I can find  
18 out, but --

19 UNIDENTIFIED SPEAKER: Why are we not seeing anything on  
20 the injection meter?

21 CONTROL CENTER: Yeah, I have no idea. That's what I  
22 was noticing, too.

23 UNIDENTIFIED SPEAKER: Weird. So it hasn't shown  
24 anything for a while, and they said they started up at about 2:00  
25 yesterday I think it was, in the afternoon, yesterday.

1 CONTROL CENTER: Yeah.

2 UNIDENTIFIED SPEAKER: And do we not see anything for  
3 that period?

4 CONTROL CENTER: I never looked all the way back but I  
5 didn't see anything on the 4-hour window that was, that was up.  
6 So --

7 UNIDENTIFIED SPEAKER: Okay. All right. I'll talk to  
8 Ted and see what I can find out.

9 CONTROL CENTER: Okay. If you need any other  
10 information from me to get from the operators or whatever, let me  
11 know.

12 UNIDENTIFIED SPEAKER: Okay. Will do.

13 CONTROL CENTER: All right. Thank you.

14 UNIDENTIFIED SPEAKER: Bye.

15 CONTROL CENTER: Bye.

16 \* \* \*

17 **07\_26\_2010\_11:01:46\_EDT\_BRD\_2100\_CH\_035**

18 RECORDING: Enbridge PLM Shop is not available.

19 \* \* \*

20 **07\_26\_2010\_11:04:23\_EDT\_BRD\_2100\_CH\_035**

21 DALLAS: Hello?

22 CONTROL CENTER: Hey Dallas?

23 DALLAS: How's it going?

24 CONTROL CENTER: Good. You?

25 DALLAS: Not too bad.

1 CONTROL CENTER: It's Brad in the Control Center.

2 DALLAS: You bet.

3 CONTROL CENTER: Hey, I got a call from Camrose County  
4 -- the guy's name Alan -- reporting a large sinkhole on our right-  
5 of-way.

6 DALLAS: Okay.

7 CONTROL CENTER: And you've got a pen?

8 DALLAS: I'm just outside. I'm going to head in. Just  
9 hold on one second. Yeah, let me just get in the office and I'll  
10 write it down there.

11 CONTROL CENTER: Right on.

12 DALLAS: A large sinkhole. Whereabouts?

13 CONTROL CENTER: It's east of Township 474.

14 DALLAS: Okay.

15 CONTROL CENTER: On Range Road 180.

16 DALLAS: It's probably Line 4 I bet. I'm just thinking  
17 because that's the only thing that's had new construction, so --

18 CONTROL CENTER: Right.

19 DALLAS: Is it in the field or is it on the road?

20 CONTROL CENTER: It sounded like -- was it in the field,  
21 Kelly? Sounds like it's close to the road.

22 DALLAS: Yeah, because it could be (indiscernible).

23 CONTROL CENTER: Right.

24 DALLAS: We've had trouble -- we've had some trouble  
25 with those before.



1 CONTROL CENTER: Oh, okay.

2 DALLAS: Almost there, almost there, buddy.

3 CONTROL CENTER: No problem. (indiscernible) Alan. The  
4 guy is still on site. He -- I guess he had to barricade the road  
5 off, so --

6 DALLAS: Yeah, that's what I was worried about. And  
7 then you've his number I'm sure too?

8 CONTROL CENTER: Yeah.

9 DALLAS: Okay, so go ahead.

10 CONTROL CENTER: It's Alan.

11 DALLAS: Alan.

12 CONTROL CENTER: [REDACTED] --

13 DALLAS: Okay.

14 CONTROL CENTER: -- [REDACTED]

15 DALLAS: Okay. Alan, and he's with the County of  
16 Camrose?

17 CONTROL CENTER: Camrose. Camrose County, yeah.

18 DALLAS: Camrose County. Okay. And then can you give  
19 me that location again?

20 CONTROL CENTER: I got the coordinates here too.

21 DALLAS: I'll take all. I'll take all.

22 CONTROL CENTER: South southwest 30 47 17.

23 DALLAS: Yep.

24 CONTROL CENTER: West of the 4th.

25 DALLAS: Okay.

1 CONTROL CENTER: Then he says it's east of Township 474.

2 DALLAS: Township Road 474.

3 CONTROL CENTER: Yeah, and Range Road 180.

4 DALLAS: Range Road 180. Okay. I'll give him a call  
5 right now.

6 CONTROL CENTER: Thanks, Dallas.

7 DALLAS: You bet.

8 CONTROL CENTER: If you have any questions, give me a  
9 shout back.

10 DALLAS: I will. Bye.

11 \* \* \*

12 **07\_26\_2010\_11:04:23\_EDT\_BRD\_2100\_CH\_044**

13 CONTROL CENTER: Hey, buddy.

14 UNIDENTIFIED SPEAKER: Hey, Kelly.

15 CONTROL CENTER: Sorry to bug you.

16 UNIDENTIFIED SPEAKER: No problem.

17 \* \* \*

18 **07\_26\_2010\_11:07:01\_EDT\_BRD\_2100\_CH\_023**

19 (Unrelated to Enbridge.)

20 \* \* \*

21 **07\_26\_2010\_11:07:02\_EDT\_BRD\_2100\_CH\_030**

22 CONTROL CENTER: Control Center, Greg here.

23 DON: Hey, Greg, it's Don. How you doing?

24 CONTROL CENTER: Oh, not bad. You?

25 DON: What's going on with that 6B yet?

1 CONTROL CENTER: It's still down.

2 DON: It's still down?

3 CONTROL CENTER: Yeah, the engineers are looking at it,  
4 doing some analysis and stuff and --

5 DON: Okay.

6 CONTROL CENTER: Still -- yeah.

7 DON: So it's not -- they don't think it's a leak or  
8 anything? It's just --

9 CONTROL CENTER: Well, no they haven't ruled that out.

10 DON: Okay.

11 CONTROL CENTER: It still may be --

12 DON: Have we got the helicopter out flying or what?

13 CONTROL CENTER: I'm not too sure. I, I don't think  
14 it's gone that far yet.

15 DON: Okay. Yeah, because the helicopter is not that far  
16 away. It's in Sarnia, so --

17 CONTROL CENTER: Oh, okay.

18 DON: We could be there in an hour or so.

19 CONTROL CENTER: Okay.

20 DON: All right. Sounds good.

21 CONTROL CENTER: Right on. Thanks, Don.

22 DON: All right. Bye.

23 \* \* \*

24 **07\_26\_2010\_11:10:01\_EDT\_BRD\_2100\_CH\_023**

25 CONTROL CENTER: Enbridge, Kelthy speaking.

1 RANDY: Hey, Kelthy, Randy at Sheridan here.

2 CONTROL CENTER: Hey, Randy, how's it going.

3 RANDY: Fine. Hey, do you guys have any plans to use  
4 booster pump 2 and 3 at Hartsdale here today?

5 CONTROL CENTER: Not until this afternoon.

6 RANDY: This afternoon.

7 CONTROL CENTER: Yeah, not until, oh, 9 hours roughly  
8 from now, about 1700, 1600, in around there, if the rates stay the  
9 same.

10 RANDY: Okay. So that will be about 5:00 local time.  
11 Is that right?

12 CONTROL CENTER: Well, let me see. No, it's 5 hour MST.  
13 So I think there's 2 hours ahead. So 7:00 I think.

14 RANDY: Yeah, okay.

15 CONTROL CENTER: Yeah, 6:00 or 7:00 your time.

16 RANDY: I just have to do some oil changes here.

17 CONTROL CENTER: Okay.

18 RANDY: I have an opportunity today. You know, it will  
19 only take me a few hours. I might go ahead and do those.

20 CONTROL CENTER: All righty.

21 RANDY: Okay. Thanks.

22 CONTROL CENTER: Okay. No problem. Bye.

23 RANDY: Bye.

24 \* \* \*

25 **07\_26\_2010\_11:10:10\_EDT\_BRD\_2100\_CH\_014**

1 CONTROL CENTER: -- desk, Brad speaking.

2 JUSTIN: Hey, Brad. How's it going?

3 CONTROL CENTER: Good. How you doing?

4 JUSTIN: Pretty good. It's Justin here at Line 4.

5 CONTROL CENTER: Hey.

6 JUSTIN: I just had a quick question.

7 CONTROL CENTER: Yep.

8 JUSTIN: You're, you're looking after Line 4, right?

9 CONTROL CENTER: Yep.

10 JUSTIN: Okay. For Clearbrook we have a delivery

11 injection scheduled later. I don't know how -- like I don't know

12 what they are on the volumes, but if -- is it possible that may be

13 less (indiscernible) to inject or the LSB?

14 CONTROL CENTER: Like short, like --

15 JUSTIN: Yeah.

16 CONTROL CENTER: I don't know. That's not my call to

17 make, but isn't it -- so you're talking about Clearbrook, right?

18 JUSTIN: Like, it -- don't you guys schedule the

19 volumes?

20 CONTROL CENTER: The pipeline schedulers do that.

21 JUSTIN: Oh, okay.

22 CONTROL CENTER: Yeah.

23 JUSTIN: Yeah, sorry.

24 CONTROL CENTER: That's no problem. But I can look into

25 it and -- for you if you'd like.

1 JUSTIN: Or even if you could forward me. I don't know  
2 their number.

3 CONTROL CENTER: Yeah, so what (indiscernible) 2000  
4 more, I see what you're saying here.

5 JUSTIN: Yeah, because what it works out to is if I try  
6 and match them up -- if I can't match them up I got to slow down  
7 my whole line.

8 CONTROL CENTER: Yeah, it's, it's going to shut down  
9 Clearbrook and Superior.

10 JUSTIN: No -- well, no because the injection's more  
11 right, so -- so we try and match them up so we don't have to shut  
12 down the line, right?

13 CONTROL CENTER: Yeah.

14 JUSTIN: So I'll have to slow down the whole line from  
15 Edmonton to Clearbrook.

16 CONTROL CENTER: (indiscernible)

17 JUSTIN: If not I could do -- I was going to say if  
18 there is a little bit less to inject --

19 CONTROL CENTER: You're thinking maybe swap that  
20 (indiscernible) maybe went with a smaller volume.

21 JUSTIN: Yeah.

22 CONTROL CENTER: I'd have to check with the Line 4  
23 pipeline scheduler and get back to you. We're just -- anyway,  
24 we're just about to start recon, but that --

25 JUSTIN: Yeah.

1 CONTROL CENTER: This isn't till more like 3, 4:00  
2 today, right?

3 JUSTIN: Yeah. It's not till 1500.

4 CONTROL CENTER: Okay. Well, let me --

5 JUSTIN: No need to rush it. It's not a huge deal. I  
6 just thought I'd ask because then it makes -- saves us from  
7 slowing down the whole line.

8 CONTROL CENTER: Yeah, no problem. Well, let me pass  
9 that on and I'll get them to give you a shout.

10 JUSTIN: Sounds good.

11 CONTROL CENTER: Okay. What was your name again, sir?

12 JUSTIN: It's Justin.

13 CONTROL CENTER: Justin. Okay. Perfect.

14 JUSTIN: Thanks.

15 CONTROL CENTER: Thanks, Justin.

16 JUSTIN: Bye.

17 CONTROL CENTER: Bye-bye.

18 \* \* \*

19 **07\_26\_2010\_11:14:18\_EDT\_BRD\_2100\_CH\_014**

20 CONTROL CENTER: Control Center.

21 CHRIS: Hi, there. It's Chris calling from Regina.

22 CONTROL CENTER: Yeah.

23 CHRIS: I was just wondering if I could get the density  
24 for the pumps at Bethune right now.

25 CONTROL CENTER: The density for Regina?

1 CHRIS: Bethune.

2 CONTROL CENTER: Oh, for Bethune. Sorry.

3 CHRIS: Sorry.

4 CONTROL CENTER: I've just got to find it on here.  
5 Bethune due again 9:30.

6 CHRIS: 9:30. And what's the rate right now?

7 CONTROL CENTER: 5600.

8 CHRIS: All right. Thanks a lot.

9 CONTROL CENTER: No problem.

10 CHRIS: Bye.

11 CONTROL CENTER: Bye.

12 \* \* \*

13 **07\_26\_2010\_11:17:18\_EDT\_BRD\_9000\_CH\_002**

14 CONTROL CENTER: Enbridge emergency line. How can I  
15 help you?

16 UNIDENTIFIED SPEAKER: Sorry. I've got the wrong  
17 number.

18 CONTROL CENTER: Oh, okay.

19 \* \* \*

20 **07\_26\_2010\_11:17:52\_EDT\_BRD\_9000\_CH\_003**

21 CONTROL CENTER: Enbridge pipeline emergency phone. Go  
22 ahead. What's your pipeline emergency?

23 MR. TREACHUR: Yes. This is Chris Treachur. I work for  
24 Consumers Energy and I'm in Marshall. There's oil getting into  
25 the creek and I believe it's from your pipeline.



1 CONTROL CENTER: Okay.

2 MR. TREACHUR: I mean there's a lot. We're getting,  
3 we're getting like 20 gas leak calls and everything. So I found  
4 -- do you know where the address was of that creek oil? I'm  
5 trying to remember that, but anyway it's between 27 and 16 mile.  
6 We're trying to walk your line and see if we can find where it's  
7 broke.

8 CONTROL CENTER: Okay.

9 MR. TREACHUR: But it's -- I mean, there's, there's a  
10 [REDACTED] pile of it. That creek is black.

11 CONTROL CENTER: Okay, so --

12 MR. TREACHUR: It's running.

13 CONTROL CENTER: Yeah. Your name is Chris Treachur?

14 MR. TREACHUR: Treachur, yeah.

15 CONTROL CENTER: So where, where are you exactly  
16 located?

17 MR. TREACHUR: I am -- right now I'm on 27 south of  
18 Division. Do you have local people here?

19 CONTROL CENTER: We do, yeah.

20 MR. TREACHUR: Okay.

21 CONTROL CENTER: I'm just going to grab a bunch of --  
22 information from you. What's your callback number, Chris?

23 MR. TREACHUR: [REDACTED]

24 CONTROL CENTER: [REDACTED]?

25 MR. TREACHUR: Yep.

1 CONTROL CENTER: Okay. So which way from Marshall are  
2 you?

3 MR. TREACHUR: What's that?

4 CONTROL CENTER: Which way from Marshall are you  
5 exactly?

6 MR. TREACHUR: Oh, south.

7 CONTROL CENTER: South of Marshall?

8 MR. TREACHUR: Yeah. It is still kind of like Marshall.  
9 It's on the edge, but south edge.

10 CONTROL CENTER: Okay. I'm just going to bring up a map  
11 to find out exactly where you are. So you said you by Division  
12 Drive?

13 MR. TREACHUR: Old 27 and Division.

14 CONTROL CENTER: Okay.

15 MR. TREACHUR: They might call it South Kalamazoo. It's  
16 a little way up.

17 CONTROL CENTER: Yeah, I see that. Yeah, South  
18 Kalamazoo. Okay. We're isolating everything on our pipeline here  
19 and we're going to get our guys to -- I'll be giving our guys,  
20 local guys to call to check that out.

21 MR. TREACHUR: Okay. I will --

22 CONTROL CENTER: So you said we got --

23 MR. TREACHUR: Oh yeah, by this one house I was at -- I  
24 don't have the address -- I was there a minute ago. I was trying  
25 to find your number.

1 CONTROL CENTER: Yeah.

2 MR. TREACHUR: There's a creek right there behind this  
3 house and this is pumping black.

4 CONTROL CENTER: Okay. And that would be south of where  
5 you're at?

6 MR. TREACHUR: That would be west of where I'm at.

7 CONTROL CENTER: West of where you're at. Yeah, okay.  
8 That's what I see on the map here. It looks like --

9 MR. TREACHUR: Does it show the Michigan Gas utilities  
10 station there?

11 CONTROL CENTER: Pardon me? Sorry?

12 MR. TREACHUR: Does it show the Michigan Gas utilities?  
13 They have a pump station right there on Division Road?

14 CONTROL CENTER: I don't, I don't see that --

15 MR. TREACHUR: Okay.

16 CONTROL CENTER: -- on my maps.

17 MR. TREACHUR: (indiscernible) that's the worst smell  
18 there, but I can't get access.

19 CONTROL CENTER: Okay. I'm going to actually give our  
20 guys in the field a call.

21 MR. TREACHUR: Okay.

22 CONTROL CENTER: And they'll, they'll be in contact with  
23 you.

24 MR. TREACHUR: Okay.

25 CONTROL CENTER: If that's all right with you. So

1 that's your, that's your contact -- your cell phone number then?

2 MR. TREACHUR: Yes. Yep, yeah.

3 CONTROL CENTER: Okay. And you're with who? You're  
4 with --

5 MR. TREACHUR: Consumers Energy.

6 CONTROL CENTER: Consumers. Okay. Thanks Chris. And  
7 somebody from our company will be in contact with you here  
8 shortly.

9 MR. TREACHUR: Okay. Thanks.

10 CONTROL CENTER: Thank you very much.

11 \* \* \*

12 **07\_26\_2010\_11:18:16\_EDT\_BRD\_2100\_CH\_014**

13 CONTROL CENTER: Control Center.

14 MR. BROWN: Hi, Line 4?

15 CONTROL CENTER: Yeah.

16 MR. BROWN: Hi. Barry Brown here at (indiscernible)  
17 PLM.

18 CONTROL CENTER: Yeah.

19 MR. BROWN: Hey, is there a pig in the line from Souris  
20 to Glenboro?

21 CONTROL CENTER: Yeah.

22 MR. BROWN: There is. What rate are you doing there?

23 CONTROL CENTER: 5600.

24 MR. BROWN: 5600. Oh, she's going, huh?

25 CONTROL CENTER: Yeah, she's hauling.

1 MR. BROWN: And do we know if that's going to be the  
2 same tomorrow or we don't know?

3 CONTROL CENTER: The rate, I couldn't tell you yet.

4 MR. BROWN: Okay.

5 CONTROL CENTER: Yeah.

6 MR. BROWN: All right. But typically it's been pretty  
7 high for the last week or two or --

8 CONTROL CENTER: Yeah, it's been -- they've been running  
9 high rate for the last week.

10 MR. BROWN: All right. Well, thanks a lot.

11 CONTROL CENTER: Sounds good. Thanks.

12 MR. BROWN: Bye.

13 CONTROL CENTER: Bye.

14 \* \* \*

15 **07\_26\_2010\_11:20:11\_EDT\_BRD\_2100\_CH\_014**

16 CONTROL CENTER: Control Center.

17 SINCLAIR: Justin is it?

18 CONTROL CENTER: Yeah.

19 SINCLAIR: Yeah, this is Sinclair again here.

20 CONTROL CENTER: Okay.

21 SINCLAIR: Have those alarms cleared at milepost 100?

22 CONTROL CENTER: Milepost 100?

23 SINCLAIR: Yeah.

24 CONTROL CENTER: Let's take a look here. No.

25 SINCLAIR: They're still there?

1 CONTROL CENTER: Yeah.

2 SINCLAIR: Are you reading any kind of value from the  
3 site?

4 CONTROL CENTER: From milepost 100?

5 SINCLAIR: Yeah.

6 CONTROL CENTER: I don't, I don't have --

7 SINCLAIR: A display for it, eh?

8 CONTROL CENTER: Yeah.

9 SINCLAIR: Okay. All right. I'll tell you, we found  
10 the unit. The site's not running, but we powered it back it up  
11 and cleared all the alarms and everything's back up and running  
12 now at the site, but I'm just trying to figure out why you don't  
13 have that -- alarms cleared off per se.

14 CONTROL CENTER: I'm not sure. Bill said the power  
15 supply failed and everything, so --

16 SINCLAIR: Okay. I'll -- I've got some other people  
17 looking into that. So Martin that you gave me or -- yeah, he's  
18 going to -- I contacted him, but he's going to call me back here  
19 shortly.

20 CONTROL CENTER: Sounds good.

21 SINCLAIR: Okay.

22 CONTROL CENTER: Thank you.

23 SINCLAIR: I'll talk to you later on.

24 Bye-bye.

25 CONTROL CENTER: Yeah, have a good one. Bye.

1 SINCLAIR: Bye.

2 \* \* \*

3 **07\_26\_2010\_11:20:50\_EDT\_BRD\_2100\_CH\_044**

4 MR. FRIDEL: Tom Fridel.

5 CONTROL CENTER: Hi, Tom. It's Kelly here in the  
6 Control Center again.

7 MR. FRIDEL: Hi Kelly. How are you doing now?

8 CONTROL CENTER: Not better. We just got a --

9 MR. FRIDEL: Not better. Okay.

10 CONTROL CENTER: We just got a call from Chris Treachur  
11 with Consumers Energy --

12 MR. FRIDEL: Okay.

13 CONTROL CENTER: -- on the emergency line.

14 MR. FRIDEL: All right.

15 CONTROL CENTER: I guess they've been getting a whole  
16 bunch of calls in the area.

17 MR. FRIDEL: All right.

18 CONTROL CENTER: South of Marshall.

19 MR. FRIDEL: South of Marshall.

20 CONTROL CENTER: He said that he's -- yeah, about 2  
21 miles south of Marshall at -- I think it's Highway 27 and Division  
22 Road.

23 MR. FRIDEL: Okay.

24 CONTROL CENTER: Or Division Drive.

25 MR. FRIDEL: All right.

1 CONTROL CENTER: There is oil on the ground.

2 MR. FRIDEL: Okay.

3 CONTROL CENTER: There's a creek I guess that runs --

4 MR. FRIDEL: Division, Division Drive?

5 CONTROL CENTER: Division Drive or Division Road, yeah.

6 MR. FRIDEL: Division Drive.

7 CONTROL CENTER: And 27. It was also called South  
8 Kalamazoo Ave. I think it kind of changes names there, but it's  
9 either/or there.

10 MR. FRIDEL: Okay. Not good, I guess.

11 CONTROL CENTER: Not good. And it's also in one of the  
12 creeks.

13 MR. FRIDEL: Does it sound like it's our then?

14 CONTROL CENTER: It sounds like it.

15 MR. FRIDEL: Okay. All right.

16 CONTROL CENTER: He was also asking if there's another  
17 -- about another pipeline that was in the area. I don't have that  
18 on my maps.

19 MR. FRIDEL: Yeah, there is.

20 CONTROL CENTER: But, yeah, at this point I'd have to  
21 think it could be us for sure, so --

22 MR. FRIDEL: Okay.

23 CONTROL CENTER: We're currently isolating all around  
24 that as much as we can and I'm not sure if there's hand valves as  
25 well --



1 MR. FRIDEL: Okay.

2 CONTROL CENTER: -- that we can better isolate.

3 MR. FRIDEL: Right.

4 CONTROL CENTER: But I guess I'll leave that up to -- to  
5 your field guys there.

6 MR. FRIDEL: So do you have a milepost approximately?

7 CONTROL CENTER: Marshall is 607 and we are about a mile  
8 -- where he was, was about a mile away.

9 MR. FRIDEL: Up or down?

10 CONTROL CENTER: Downstream.

11 MR. FRIDEL: 608, 609?

12 CONTROL CENTER: 608, 609 roughly, yeah.

13 MR. FRIDEL: Okay. Okay. Let me get on the phone here  
14 and I'll get PLM out there right away here. And we'll get back to  
15 you here shortly.

16 CONTROL CENTER: Okay. Thanks, Tom.

17 MR. FRIDEL: Okay. Keep isolating and see what you can  
18 do on that.

19 CONTROL CENTER: Yeah, oh, for sure.

20 MR. FRIDEL: Thank you.

21 CONTROL CENTER: And if you need us to do anything let  
22 us as know as well.

23 MR. FRIDEL: You bet, Kelly.

24 CONTROL CENTER: Bye-bye.

25 \* \* \*

1                   **07\_26\_2010\_11:21:51\_EDT\_BRD\_2100\_CH\_038**

2                   UNIDENTIFIED SPEAKER: Hey.

3                   UNIDENTIFIED SPEAKER 1: Hey, are you there?

4                   UNIDENTIFIED SPEAKER: Yeah.

5                   UNIDENTIFIED SPEAKER 1: Okay. Just hold on a sec. Are  
6 you guys both there?

7                   SHANE: I am.

8                   TED: Ted here.

9                   UNIDENTIFIED SPEAKER: Okay. I just -- so I just wanted  
10 to get Shane on the line to -- so he can tell you what's happening  
11 exactly.

12                  TED: Okay.

13                  SHANE: Okay. You want me to explain it or --

14                  UNIDENTIFIED SPEAKER: Yeah, just so I don't miss  
15 anything.

16                  SHANE: Okay. Yeah, they've injected about 2300 cubes  
17 on Line 6 from Griffith, and they're only -- they've only received  
18 200 at RW. So what's happening is there's -- they're having short  
19 power at NL which is not allowing them to have enough power to  
20 fill back in that column. So what's happening is they've been  
21 with a column sep all morning, and -- but they're still not  
22 getting enough flow. They think there should be more flow coming  
23 out at the end of the line.

24                  UNIDENTIFIED SPEAKER: Oh.

25                  UNIDENTIFIED SPEAKER: Okay. I see. So they go in and

1 out for a while, they've got column sep, and they're trying to  
2 fill that column in right now and they put in a lot more than  
3 what's coming out.

4 SHANE: Exactly.

5 UNIDENTIFIED SPEAKER: And they're worried that they  
6 might have a leak.

7 SHANE: Yeah.

8 UNIDENTIFIED SPEAKER: And they want us to tell them  
9 something.

10 SHANE: Yeah, well, they've asked me, you know, if  
11 there's anything we can see in the model. I think they have some  
12 guys walking the line right now.

13 UNIDENTIFIED SPEAKER: Good idea. We're showing -- what  
14 time did this start?

15 SHANE: They said they started the line at 2:00  
16 yesterday. 2:00 p.m. Because I don't -- like if you look at the  
17 flow, there's only like two like couple hour windows that they  
18 were flowing. And since about 3:00, they dropped off right at  
19 3:00 yesterday and then about 1:00 this morning, they flowed for  
20 an hour and then like 4:30 to 5:00, it shows flow but --

21 UNIDENTIFIED SPEAKER: Yeah. If they shut down at, they  
22 shut down at 2:00 yesterday. They stopped injecting, and then we  
23 had no injections until this morning at 1:00.

24 SHANE: Yeah.

25 UNIDENTIFIED SPEAKER: And then again at 4:00.

1 UNIDENTIFIED SPEAKER: They injected about 15, 1700  
2 cubes an hour.

3 SHANE: Yeah.

4 UNIDENTIFIED SPEAKER: Yeah, okay. I can see that.  
5 They put about 2300 cubes in since this morning and we're not  
6 seeing much at Sarnia. I don't see anything at Sarnia as a matter  
7 of fact.

8 SHANE: Nothing, hey.

9 UNIDENTIFIED SPEAKER: Okay. I see a little at MR.

10 SHANE: Just out of curiosity, there's one SCADA flow  
11 where one of those deliveries I think, IOL, is that generally not  
12 -- does that SCADA value always come in like that, like it's  
13 showing 2400 cubes at IOL, but I don't, I don't know Line 6 or I'm  
14 not sure if -- what that means.

15 UNIDENTIFIED SPEAKER: Yeah, I think that, I think  
16 that's normal for it to do something like that.

17 SHANE: Okay.

18 UNIDENTIFIED SPEAKER: I see a little something here.  
19 MR, I don't see -- MV, oh, Marysville, we have a little bit of a  
20 delivery at 1:00. I don't think there was anything at Sarnia.  
21 And then did we have any kind of any response to (indiscernible).

22 Yeah, we had 5 minute alarms that correspond with the injection.

23 SHANE: Yep. And I overheard I guess Stockbridge had  
24 dropped out because of low suction pressure at Marysville. That's  
25 kind of the assumption that the operator was giving. So I know

1 Marysville right now is reading 0 from SCADA. So that station was  
2 flagged as bad. So -- and that's kind of their problem, too.  
3 They're not seeing anything in that region.

4 UNIDENTIFIED SPEAKER: You said Marysville?

5 SHANE: Yeah, MR, anyway, or am I looking at the wrong  
6 one there?

7 UNIDENTIFIED SPEAKER: MR is what? I think Marysville  
8 is MV.

9 UNIDENTIFIED SPEAKER: Yeah, MV is actually Marysville.  
10 It's call in post 748. MR is Marshall.

11 SHANE: Okay. I heard them talking about Marysville.  
12 So I guess Marshall's the one that's down though.

13 UNIDENTIFIED SPEAKER: At Marysville we've got --

14 SHANE: Yeah.

15 UNIDENTIFIED SPEAKER: We've got 0 at Marshall and we've  
16 got 2 psi discharge at Marysville which could lead to a column  
17 sep. They're not alarming right now. If you had a leak when  
18 there's a column separation, that's possible.

19 SHANE: Yeah.

20 UNIDENTIFIED SPEAKER: Not like you would have done all  
21 leak, you know, that it could and it's no longer alarming. You've  
22 not seen any kind of hydraulic changes in pressures. So they're  
23 down and they're walking the line right now?

24 SHANE: Yeah, as far as I know, they're walking it.  
25 That's the last I heard from the shift lead.

1 UNIDENTIFIED SPEAKER: Okay.

2 UNIDENTIFIED SPEAKER: By my count, we've got four  
3 column separations. Sarnia, NL which is Niles, but all that  
4 section -- no.

5 SHANE: So, just another note, I don't know if this is  
6 related at all, but last night Jim had turned off the HF device at  
7 Niles. He set the JWT1 to 50, JPS1 to 1, and the JPD to 1 because  
8 there's a pressure differential there he mentioned. I turned them  
9 back. The differential was still there and, you know, it's not  
10 causing any diagnostic flows. So I turned them all back to 0  
11 where they were originally.

12 UNIDENTIFIED SPEAKER: Okay. Is that in the problem  
13 report?

14 SHANE: Yeah, it is. I'm reading it right now. I put a  
15 little update that I changed them back. So -- yeah.

16 UNIDENTIFIED SPEAKER: Okay. I think that -- does the  
17 Control Center need to talk with -- have you talked with them a  
18 while up there, Shane?

19 SHANE: Yeah, I've been talking to them.

20 UNIDENTIFIED SPEAKER: Okay. And they're looking for us  
21 to give them some kind of analysis on the situation to the best of  
22 our capabilities.

23 SHANE: Somewhat. I guess they're not really asking  
24 anything from us. They're just wondering if we see anything, you  
25 know. They're not looking for like any specific feedback or

1 anything, but --

2 UNIDENTIFIED SPEAKER: Okay. All right. I'm going to  
3 spend some time looking at this myself and see if I can see  
4 anything of interest. I'll talk to you guys in a bit.

5 SHANE: Sure. All right. Thanks.

6 UNIDENTIFIED SPEAKER: Thanks. I'm going to give the  
7 (indiscernible) a call about this and see if there's anything  
8 specifically that they want us to look at. Okay.

9 SHANE: Okay. Sounds good.

10 UNIDENTIFIED SPEAKER: Okay. I'll talk with you soon.

11 SHANE: All right. Bye.

12 \* \* \*

13 **07\_26\_2010\_11:21:52\_EDT\_BRD\_2100\_CH\_038**

14 (No recording.)

15 \* \* \*

16 **07\_26\_2010\_11:22:12\_EDT\_BRD\_2100\_CH\_014**

17 CONTROL CENTER: Control Center.

18 MR. OLSON: This is Pete down at Vesper.

19 CONTROL CENTER: Yeah.

20 MR. OLSON: They -- I'm working with the engineers out  
21 of Superior and they were -- they're doing web card upgrades.

22 CONTROL CENTER: Okay.

23 MR. OLSON: They're putting a new program in them.

24 CONTROL CENTER: All right.

25 MR. OLSON: And you'll end up losing communication for

1 like 3 to 4 minutes.

2 CONTROL CENTER: Okay.

3 MR. OLSON: Just to give you a heads up.

4 CONTROL CENTER: Sounds good.

5 MR. OLSON: All right?

6 CONTROL CENTER: Yeah, no that's fine. Just let me grab  
7 your number from you just in case I have any issues.

8 MR. OLSON: That's fine. [REDACTED]

9 CONTROL CENTER: [REDACTED]

10 MR. OLSON: -- [REDACTED] --

11 CONTROL CENTER: Yeah.

12 MR. OLSON: -- [REDACTED]

13 CONTROL CENTER: And, sorry. Who was I talking to  
14 again?

15 MR. OLSON: This is Pete Olson.

16 CONTROL CENTER: Pete. All right. Sounds good. If I  
17 have any issues I'll give you a shout.

18 MR. OLSON: All right. Thank you.

19 CONTROL CENTER: Yeah, thank you. Bye.

20 MR. OLSON: Bye.

21 \* \* \*

22 **07\_26\_2010\_11:23:17\_EDT\_BRD\_2100\_CH\_044**

23 CONTROL CENTER: Control Center, Kelly speaking.

24 TED: Hi, Kelly, it's Ted from Pipeline Modeling  
25 calling.



1 CONTROL CENTER: Hi, Ted.

2 TED: Hey, I'm looking at Line 6, just started looking  
3 at it. Shane updated me on what's been going on there?

4 CONTROL CENTER: Yeah.

5 TED: And I was wondering if there was anything  
6 specifically that you wanted us to look at. We're just going to  
7 go back yesterday to 2:00 and see if there's anything notable.

8 CONTROL CENTER: Specifically in the Marshall area.

9 TED: In the Marshall area.

10 CONTROL CENTER: Yeah.

11 TED: Okay.

12 CONTROL CENTER: We heard from the -- from somebody in  
13 the area there, that there might be oil on the ground there, just  
14 downstream of Marshall about Milepost 607, 608.

15 TED: Milepost 607, 608.

16 CONTROL CENTER: Yes, 607 to 609, somewhere there.

17 TED: 609, yeah, okay.

18 CONTROL CENTER: (indiscernible) Marshall Station.

19 TED: All right.

20 CONTROL CENTER: If you could take a look and see what  
21 you see in that general area.

22 TED: Yeah, okay. Right now we've got a lot of column  
23 seps. So I'll compare where those are to this area that you're  
24 talking about --

25 CONTROL CENTER: Yeah.

1 TED: -- and see if we have a match.

2 CONTROL CENTER: So yesterday on shutdown, like you said  
3 you're looking back that far.

4 TED: Yeah.

5 CONTROL CENTER: The pressure went to 0 on the shutdown  
6 of that station.

7 TED: Uh-huh.

8 CONTROL CENTER: So if you could take a look.

9 TED: Yeah. Yeah, we'll look at it, and we'll give you  
10 a call back.

11 CONTROL CENTER: All right.

12 TED: And we know you've got guys like walking the line.  
13 Is that right?

14 CONTROL CENTER: Okay. Sounds good.

15 TED: Okay. Thanks.

16 CONTROL CENTER: Thank you. Bye.

17 \* \* \*

18 **07\_26\_2010\_11:24:13\_EDT\_BRD\_2100\_CH\_038**

19 UNIDENTIFIED SPEAKER: Hey, Ted.

20 TED: Hey. Yeah, I just talked with Kelly.

21 UNIDENTIFIED SPEAKER: Yeah.

22 TED: Yeah. So he just said that there -- I think there  
23 was call about some possible oil on the ground near Marshall,  
24 around 607 to 609.

25 UNIDENTIFIED SPEAKER: Oh, okay. I haven't heard that

1 part yet.

2 TED: All right. I said that we're just going to look  
3 back, start from scratch and go back from 2:00 yesterday and today  
4 and see what we can find and do a real detailed analysis, to see  
5 if there's anything interesting that we can find, but I think, you  
6 know, we've got a column separation. There's only so much that we  
7 can find.

8 UNIDENTIFIED SPEAKER: Okay.

9 TED: But I'm going to spend some time on it and I'll  
10 talk to you in a little while.

11 UNIDENTIFIED SPEAKER: Okay. Sounds good.

12 TED: Okay. I'll ask Shane, or not Shane, Brendon (ph.)  
13 know.

14 UNIDENTIFIED SPEAKER: Okay. Sounds good. Thanks a  
15 lot.

16 TED: Okay. Thanks. Bye.

17 UNIDENTIFIED SPEAKER: Bye.

18 \* \* \*

19 **07\_26\_2010\_11:24:39\_EDT\_BRD\_2100\_CH\_044**

20 RECORDING: You have reached the office of Tom Fridel.  
21 I'm presently unavailable to take your call.

22 \* \* \*

23 **07\_26\_2010\_11:26:08\_EDT\_BRD\_2100\_CH\_030**

24 GREG: Hey.

25 CONTROL CENTER: Hey, Greg.

1 GREG: Yeah.

2 CONTROL CENTER: Do you have communications to 620 there  
3 as well? Do you have those closed as well?

4 GREG: 20.

5 CONTROL CENTER: 620, yeah. And it doesn't hurt to  
6 close 661 as well.

7 GREG: Okay. The other one's no communication.

8 CONTROL CENTER: Okay. Yeah.

9 GREG: (indiscernible).

10 CONTROL CENTER: Because we're not sure. It could be as  
11 far as Milepost 610. We're not 100 percent sure. So --

12 GREG: Okay. If you want, I can send someone out there  
13 -- yeah, it wouldn't hurt to close that valve.

14 CONTROL CENTER: Yeah, if they're going to check out the  
15 area around Marshall, it's not a priority to get that one closed  
16 but, yeah, if there's somebody that can go check it out, maybe a  
17 Stockbridge guy or something like that.

18 GREG: All right.

19 CONTROL CENTER: All right. Thanks.

20 GREG: You bet.

21 \* \* \*

22 **07\_26\_2010\_11:27:50\_EDT\_BRD\_2100\_CH\_035**

23 RECORDING: You have reached the voicemail of Elvin  
24 Jackson (ph.) with Enbridge Pipelines. I will be out of the  
25 office until Monday, August 9th. For mainline scheduling

1 concerns, please contact Jennifer Gige (ph.) at area code [REDACTED]  
2 [REDACTED].

3 \* \* \*

4 **07\_26\_2010\_11:28:35\_EDT\_BRD\_2100\_CH\_035**

5 RECORDING: You have reached the desk of Jennifer Gige  
6 of Enbridge Pipelines. I'm currently on the other line or away  
7 from my desk. Please leave a message, and I will return your call  
8 as soon as possible. Thanks for calling and have a great day.

9 CONTROL CENTER: Hi, Jennifer, it's Brad Ashcroft (ph.)  
10 from the Control Center. Give me a call. We have a problem on  
11 line 6B, suspected leak, and it's been down for a few hours. Give  
12 me a shout, and I'll give you an update. Thanks. Bye.

13 \* \* \*

14 **07\_26\_2010\_11:29:50\_EDT\_BRD\_2100\_CH\_044**

15 (No recording.)

16 \* \* \*

17 **07\_26\_2010\_11:30:31\_EDT\_BRD\_2100\_CH\_035**

18 CONTROL CENTER: Hey, Rich. It's Brad.

19 RICH: Hey, Brad. What time did we try starting up  
20 yesterday or this morning I mean?

21 CONTROL CENTER: The first time 1:00, second time 4:20,  
22 but we have a leak call now, hey.

23 RICH: Pardon?

24 CONTROL CENTER: We have a --

25 \* \* \*



1 CONTROL CENTER: Hi, Tom. It's Kelly calling here. I'm  
2 not sure that I gave you the contact's name from Consumers Energy.  
3 It's Chris Treachur, and his phone number, he's actually onsite  
4 right now. His phone number is [REDACTED] Give us a call back  
5 here if you need any more information. The number for us is [REDACTED]  
6 [REDACTED] Thanks.

7 \* \* \*

8 **07\_26\_2010\_11:32:12\_EDT\_BRD\_2100\_CH\_014**

9 CONTROL CENTER: Control Center.  
10 MERRILL: Yes. Is this Line 4?  
11 CONTROL CENTER: Yeah.  
12 MERRILL: Hi. It's Merrill at Gretna calling.  
13 CONTROL CENTER: How's it going?  
14 MERRILL: Good. Good. You're not planning on starting  
15 any units in the next couple of minutes are you?  
16 CONTROL CENTER: No.  
17 MERRILL: Okay. Steve and I -- Steve, the mechanic, and  
18 I, we're just going through the sequence of, of taking the SVC  
19 down and back up again. So you're, you're going to get an alarm  
20 when we do that.  
21 CONTROL CENTER: Okay. All I want to, all I want to ask  
22 is that -- the last time I lost SVC at Gretna I lost both my  
23 units. Am I going to use my -- lose my units?  
24 MERRILL: No. You probably lost it because of a power  
25 bump. All this will do -- well, you shouldn't. Then there's

1 something wrong with the system if you lose your units.

2 CONTROL CENTER: Yeah.

3 MERRILL: When, when was that?

4 CONTROL CENTER: It was about a couple weeks go we lost  
5 SVC at Gretna and both my units stopped.

6 MERRILL: They automatically stopped?

7 CONTROL CENTER: Yes.

8 MERRILL: Well, that's interesting.

9 CONTROL CENTER: Yeah.

10 MERRILL: Do you know if it was because of a power bump  
11 or why?

12 CONTROL CENTER: I'm not aware. I'm not sure. I  
13 thought -- I thought it was because of the SVC, but then we went  
14 and looked at the procedure and it said that they should not --

15 MERRILL: Well, no they shouldn't. They should -- as  
16 far as I know it should stay running because that's -- we've often  
17 done this in the past.

18 CONTROL CENTER: Yeah.

19 MERRILL: That's why I'm a little puzzled why, why it  
20 would drop the SVC -- sorry, why it would drop the units if the  
21 SVC goes out.

22 CONTROL CENTER: Yeah, I --

23 MERRILL: Well, I'll -- maybe we won't take it down and  
24 back up again because I --

25 CONTROL CENTER: We can try --



1 MERRILL: -- don't want you to lose your units.

2 CONTROL CENTER: We can try them here, right? But --

3 MERRILL: Well -- no, I'll leave that part of it then  
4 and I'll just --

5 CONTROL CENTER: Are you sure?

6 MERRILL: Yep. Yep.

7 CONTROL CENTER: Okay.

8 MERRILL: I'll talk it over here and explain how -- I'll  
9 just go through the motions but we just won't take it down.

10 CONTROL CENTER: Okay.

11 MERRILL: Okay?

12 CONTROL CENTER: Sounds good.

13 MERRILL: Good. Thanks.

14 CONTROL CENTER: Thank you. Bye.

15 MERRILL: Bye.

16 \* \* \*

17 **07\_26\_2010\_11:32:35\_EDT\_BRD\_2100\_CH\_044**

18 RECORDING: Office of Tom Fridel. I'm presently  
19 unavailable to take your call. Please leave a message after the  
20 tone or press 0 for personal assistance. Thank you.

21 Record your message at the tone. When you are finished,  
22 hang up or hold for more options.

23 CONTROL CENTER: Hi, Tom, it's Kelly here in the control  
24 center again. I don't believe that I gave you the contact for  
25 Consumers Energy's phone number and his name. I can give you

1 where he was at. The phone number -- I'm sorry. His name is  
2 Chris Treachur, and his phone number is [REDACTED]. You can  
3 give us a call back in the Control Center if you need any more  
4 information. The number is [REDACTED] Thanks.

5 \* \* \*

6 **07\_26\_2010\_11:33:47\_EDT\_BRD\_9000\_CH\_003**

7 CONTROL CENTER: Enbridge Pipeline emergency phone. Go  
8 ahead. What's your pipeline emergency?

9 UNIDENTIFIED SPEAKER: Oh. I didn't call pipeline  
10 emergency. I thought I was just calling Enbridge for a gas bill.

11 CONTROL CENTER: No. No, sorry this is just our  
12 Enbridge dedicated emergency line.

13 UNIDENTIFIED SPEAKER: Okay. All right.

14 CONTROL CENTER: Thanks.

15 UNIDENTIFIED SPEAKER: Bye.

16 \* \* \*

17 **07\_26\_2010\_11:34:13\_EDT\_BRD\_2100\_CH\_023**

18 KREM: Superior Desk, Krem (ph.) speaking.

19 CONTROL CENTER: Hey, Krem. It's Brad.

20 KREM: Hey, Brad, how are you?

21 CONTROL CENTER: I need the Griffith desk.

22 KREM: The Griffith desk. Yeah, hold on one second --

23 CONTROL CENTER: Thanks, Krem.

24 KREM: -- and I will get them on the horn.

25 CONTROL CENTER: Thanks a lot.

1 KREM: No problem.

2 (On hold.)

3 DAVE: Dave speaking.

4 CONTROL CENTER: Dave, it's Brad in the Control Center.

5 How are you?

6 DAVE: Good, how are you doing?

7 CONTROL CENTER: Good. I tried to call Jennifer. You  
8 know what? Who's the pipeline scheduler for Line 6B?

9 DAVE: It's Ken Lee.

10 CONTROL CENTER: Ken Lee.

11 DAVE: Here, hold on. Ken, what's your extension?

12 KEN: Who is it?

13 DAVE: It's Brad from the Control Center.

14 KEN: [REDACTED].

15 DAVE: [REDACTED], yeah, [REDACTED] if you're looking to --

16 CONTROL CENTER: I'll give him a shout. Right on.

17 Thanks.

18 DAVE: No problem.

19 CONTROL CENTER: Bye.

20 DAVE: Bye.

21 \* \* \*

22 **07\_26\_2010\_11:35:44\_EDT\_BRD\_2100\_CH\_035**

23 KEN: -- Ken.

24 CONTROL CENTER: Hey, Ken, it's Brad in the Control  
25 Center. How are you?

1 KEN: Not too bad. How are you?

2 CONTROL CENTER: Good. Hey, we have a suspected leak  
3 downstream of Marshall on Line 6B.

4 KEN: Okay.

5 CONTROL CENTER: The guys are responding. There is oil  
6 on the ground, and we suspect it could be us. So we'll keep you  
7 updated, but 6B is going to stay down for a while.

8 KEN: Oh, that's not good. How long do you think?

9 CONTROL CENTER: We'll have to find out what the field  
10 sees.

11 KEN: Okay. So it's -- just let me write this down,  
12 because I'll have to let LeAnna and them know. After Marshall?

13 CONTROL CENTER: Yeah, downstream of Marshall, yeah.

14 KEN: Okay. I will let her know, and then I guess we'll  
15 have to slow down our -- slow down 6A then.

16 CONTROL CENTER: Yeah. They were scheduled to start up  
17 at 1:00. They started up for an hour. They had to shut down.  
18 Then they -- so they pumped about an hour and a half from 1:00.

19 KEN: Yeah.

20 CONTROL CENTER: And then -- it's not looking good right  
21 now but we'll see what the field finds.

22 KEN: Okay. Sounds good. If you can keep me updated,  
23 that would be awesome.

24 CONTROL CENTER: You betcha.

25 KEN: Okay. Cool.

1 CONTROL CENTER: Thanks, Ken.

2 KEN: Talk to you later.

3 CONTROL CENTER: Bye.

4 KEN: Bye.

5 \* \* \*

6 **07\_26\_2010\_11:36:58\_EDT\_BRD\_2100\_CH\_030**

7 CONTROL CENTER: Control Center, Greg here.

8 UNIDENTIFIED SPEAKER: Hey, Greg. Is this Line 6?

9 CONTROL CENTER: Yeah.

10 UNIDENTIFIED SPEAKER: Okay, buddy. We just had two  
11 gentlemen walk out -- at milepost 608 walk out of the woods and  
12 say there is oil on the ground. We're, we're going to verify it  
13 right now. We're about less than a half a mile away, but two guys  
14 -- yeah, you can really smell it, so I don't know -- is it running  
15 right now, Greg?

16 CONTROL CENTER: No, no. We're shut down. We're  
17 sectionalized and isolated.

18 UNIDENTIFIED SPEAKER: Okay. That's -- I just wanted to  
19 double check. Mr. Ben Camp will be in touch with you, but we just  
20 had two guys from a different utility walk out and said they seen  
21 it going down a creek and they could smell it and all of the  
22 above.

23 CONTROL CENTER: Okay. What -- yeah. Okay. Perfect.

24 UNIDENTIFIED SPEAKER: So that's, that's where we're at,  
25 buddy. We'll update you as soon as we -- we're about here now.

1 We got to walk probably about a quarter mile and we'll give you an  
2 update.

3 CONTROL CENTER: Okay. Thank you.

4 UNIDENTIFIED SPEAKER: Okay. Bye, Greg.

5 CONTROL CENTER: Bye.

6 \* \* \*

7 **07\_26\_2010\_11:37:32\_EDT\_BRD\_9000\_CH\_003**

8 CONTROL CENTER: Enbridge Pipeline emergency phone. Go  
9 ahead. What's your pipeline emergency?

10 FRED: Hey, how's it going? Who's this?

11 CONTROL CENTER: It's Kelly.

12 FRED: Hey, Kelly. This is Fred Hickman in Houston.

13 I'm just changing one of our (indiscernible) at one of our remote  
14 sites.

15 CONTROL CENTER: Okay.

16 FRED: I just wanted to make sure the option works. And  
17 where -- are you located in Canada?

18 CONTROL CENTER: We are, yeah, Edmonton.

19 FRED: Okay. Thanks a lot.

20 CONTROL CENTER: All right. Thank you. Bye-bye.

21 FRED: Bye.

22 \* \* \*

23 **07\_26\_2010\_11:37:45\_EDT\_BRD\_2100\_CH\_035**

24 CONTROL CENTER: Control Center, Brad here.

25 HELEN: Hi, Brad. This is Helen from SCADA Operations.

1 How are you?

2 CONTROL CENTER: Hi, Helen.

3 HELEN: I just have a few questions. I saw FN00 queued  
4 up. Do you know who is operating TFN?

5 CONTROL CENTER: Operating who?

6 HELEN: The tank farm Flanagan?

7 CONTROL CENTER: Oh, Flanagan. Okay, yeah. 8125.

8 HELEN: 8125. I appreciate it. Thank you.

9 CONTROL CENTER: Okay. Bye.

10 \* \* \*

11 **07\_26\_2010\_11:38:17\_EDT\_BRD\_2100\_CH\_030**

12 CONTROL CENTER: Control Center, Greg here.

13 PETE: Greg, this is Pete down in Vesper.

14 CONTROL CENTER: Hi, Pete.

15 PETE: Did you ever find out anything about that pig?

16 CONTROL CENTER: No. I don't -- yeah, no one called me  
17 or anything.

18 PETE: Oh. So I take it there's nothing going on?

19 CONTROL CENTER: No. No.

20 PETE: All right.

21 CONTROL CENTER: All right?

22 PETE: Thank you much.

23 CONTROL CENTER: All right, Pete.

24 PETE: You bet.

25 \* \* \*

1                   **07\_26\_2010\_11:39:46\_EDT\_BRD\_2100\_CH\_035**

2                   CONTROL CENTER: Control Center, Brad here.

3                   DALLAS: Hey, Brad. How's it going?

4                   CONTROL CENTER: Good.

5                   DALLAS: Right on. Hey, this is Dallas calling from  
6 Edmonton pipeline maintenance.

7                   CONTROL CENTER: Yes, Dallas.

8                   DALLAS: Hey, I just wanted to send an e-mail out on  
9 that reported road cave in.

10                  CONTROL CENTER: Okay.

11                  DALLAS: And I was just wondering what address to put on  
12 it. I should ask before.

13                  CONTROL CENTER: Oh, for our e-mail?

14                  DALLAS: Yeah, for you guys.

15                  CONTROL CENTER: ccoshiftlead.

16                  DALLAS: Yeah, right. That's what it was. I was going  
17 to ECC. It's been a while I guess. CCO --

18                  CONTROL CENTER: No doubt.

19                  DALLAS: Yeah, ccoshiftlead. There it is. Just  
20 ccoshiftlead?

21                  CONTROL CENTER: Yeah.

22                  DALLAS: Okay. Right on, man.

23                  CONTROL CENTER: Thanks.

24                  DALLAS: I'll talk to you later.

25                  CONTROL CENTER: See you, Dallas.



1 DALLAS: Bye.

2 \* \* \*

3 **07\_26\_2010\_11:40:58\_EDT\_BRD\_2100\_CH\_023**

4 SHANE: Hello. Shane speaking.

5 CONTROL CENTER: Hey, Shane. How's it going?

6 SHANE: Good. How are you doing?

7 CONTROL CENTER: Pretty good.

8 SHANE: I saw an adjustment on Line 4.

9 CONTROL CENTER: Having some problems?

10 SHANE: Just looking at between Catholic and Deer River.

11 CONTROL CENTER: Yeah.

12 SHANE: I gave it time before I called just to see, but  
13 it looks like there's a step and it's kind of staying there. It's  
14 just a small step but --

15 CONTROL CENTER: Okay. Are you doing anything on the  
16 line in that area?

17 SHANE: No. I started the unit about 5 minutes ago, 6  
18 minutes ago maybe at Clearbrook. That's about it.

19 CONTROL CENTER: Okay. And was the step there before  
20 that?

21 SHANE: It, it started, yeah, just before that. So I  
22 started a unit and I just -- I wanted to wait to see if maybe went  
23 away. It looked like it started to go away after I started the  
24 unit.

25 CONTROL CENTER: Okay.

1 SHANE: But then it came back.

2 CONTROL CENTER: Yeah, what rate are you going through  
3 that section in?

4 SHANE: 5600.

5 CONTROL CENTER: 56. Okay. I'll have a look.

6 SHANE: Sounds good.

7 CONTROL CENTER: All right. Thanks.

8 SHANE: Thanks. Bye.

9 \* \* \*

10 **07\_26\_2010\_11:41:25\_EDT\_BRD\_2100\_CH\_030**

11 CONTROL CENTER: Control Center, Greg here.

12 MR. CAMP: Hi Greg. This is Ben Camp, Marshall PLM.

13 CONTROL CENTER: Hey.

14 MR. CAMP: Marshall, Michigan we have confirmed oil on  
15 the ground.

16 CONTROL CENTER: Okay. I can -- I guess I'll let you  
17 talk to the shift leads there, Ben.

18 MR. CAMP: Okay.

19 CONTROL CENTER: Just hold on a sec.

20 \* \* \*

21 **07\_26\_2010\_11:41:26\_EDT\_BRD\_2100\_CH\_030**

22 CONTROL CENTER: Control Center, Kelly here.

23 GREG: Kelly.

24 CONTROL CENTER: Hey, Greg.

25 GREG: I got the Marshall PM guy here on the line.

1 CONTROL CENTER: Okay. Yeah, I'll talk --

2 \* \* \*

3 **07\_26\_2010\_11:43:19\_EDT\_BRD\_2100\_CH\_014**

4 CONTROL CENTER: Control Center.

5 BLAINE: Hey, is this Line 4?

6 CONTROL CENTER: Yeah.

7 BLAINE: It's Blaine at Manitou.

8 CONTROL CENTER: Yeah.

9 BLAINE: Is your line running today?

10 CONTROL CENTER: Yeah. Line 4 is running, yeah.

11 BLAINE: Okay. I need to -- I'm doing some work in the  
12 Line 2 electrical building.

13 CONTROL CENTER: Okay.

14 BLAINE: I had to cut the power off.

15 CONTROL CENTER: Yeah.

16 BLAINE: You've got a sectionalizing valve here at  
17 Manitou that's fed from this building.

18 CONTROL CENTER: Oh, okay.

19 BLAINE: Milepost 723.93.

20 CONTROL CENTER: 723.93. Just a sec. Let me make my  
21 screen bigger. I can barely see these [REDACTED] things on here.

22 BLAINE: It's just a valve and there's two transmitters.  
23 I don't know if you see the status of them, but --

24 CONTROL CENTER: Where are we? 723.98 I have.

25 BLAINE: Oh, okay. Yeah, same thing.

1 CONTROL CENTER: Yeah, the same thing. Yeah, no. Yeah,  
2 I don't, I don't think I have any transmitters there or anything  
3 that will interfere.

4 BLAINE: Okay.

5 CONTROL CENTER: Or, no, yeah, maybe milepost 720 or  
6 731.

7 BLAINE: But again, that's a different site.

8 CONTROL CENTER: That's different. So yeah, then no.

9 BLAINE: Okay. So I'm going to, I'm going to drop the  
10 power to that valve just to make sure it won't move.

11 CONTROL CENTER: Okay.

12 BLAINE: And so, I'll do that right away here.

13 CONTROL CENTER: Sounds good.

14 BLAINE: You should see that you've lost status of that  
15 valve?

16 CONTROL CENTER: Yeah, it should come through any  
17 second. Yeah, under local control.

18 BLAINE: And there might be a power alarm when I, when I  
19 drop the power and it's going to be off for most of the day.

20 CONTROL CENTER: Okay.

21 BLAINE: So I'll, I'll give you a call once I'm all back  
22 up and running.

23 CONTROL CENTER: Sounds good.

24 BLAINE: All right?

25 CONTROL CENTER: Yes.



1 CONTROL CENTER: Okay. Yeah, I'll talk to him. Thanks.  
2 Hello. Go ahead for Kelly here.

3 MR. CAMP: Yeah, this is Ben Camp, Marshall PLM, stand-  
4 in supervisor for Rusty Smith. We are --

5 CONTROL CENTER: Ben --

6 MR. CAMP: What's that?

7 CONTROL CENTER: You said this is Ben?

8 MR. CAMP: Yeah, this is Ben Camp, yep.

9 CONTROL CENTER: Okay, sorry.

10 MR. CAMP: Yep.

11 CONTROL CENTER: Thanks.

12 MR. CAMP: We have confirmed oil on the ground.

13 CONTROL CENTER: Yeah. Okay. And it's definitely  
14 coming from us?

15 MR. CAMP: I don't know that for sure. It's in a swamp.  
16 The only other line I think that's in the right of way if gas.

17 CONTROL CENTER: Okay. Vector I think might be pretty  
18 close to there, I think. I'm not sure if this --

19 MR. CAMP: We have, we have Vector pipeline that's  
20 within our right of way and then also we have a Michigan Gas  
21 utilities line running at a 45-degree angle.

22 CONTROL CENTER: Okay. And that's gas you said?

23 MR. CAMP: Yep.

24 CONTROL CENTER: Okay.

25 MR. CAMP: We are a quarter to a half mile downstream of

1 Marshall station.

2 CONTROL CENTER: Okay. One quarter to half mile.

3 MR. CAMP: I'm out onsite right now. Otherwise I'd give  
4 you drag numbers and all.

5 CONTROL CENTER: Yeah -- no, that's fine. Yeah, so I  
6 just -- I talked to Tom there, but I didn't give him a contact for  
7 the Consumers Energy guy. I don't know if you need it. You're  
8 onsite there anyways, but --

9 MR. CAMP: They're here. We talked to them. We made  
10 them stay back --

11 CONTROL CENTER: Oh, you've talked to them.

12 MR. CAMP: -- because they didn't have FR on, so --

13 CONTROL CENTER: Okay. Excellent. I guess we've  
14 isolated, we've isolated two up and two down of, of Marshall  
15 Station.

16 MR. CAMP: Okay.

17 CONTROL CENTER: And I'm not sure if there's any hand  
18 valves or anything like that, but we've close all that we can  
19 close there. Is there anything else you need from us at this  
20 point or --

21 MR. CAMP: No, not as far as I know.

22 CONTROL CENTER: Okay. I guess give us a call back if  
23 you need anything more from us.

24 MR. CAMP: Okay. Thank you.

25 CONTROL CENTER: Thank you very much there, Ben.

1 MR. CAMP: Bye.

2 CONTROL CENTER: Bye-bye.

3 \* \* \*

4 **07\_26\_2010\_11:43:59\_EDT\_BRD\_9000\_CH\_003**

5 CONTROL CENTER: Enbridge Pipeline's emergency line.

6 HELEN: It's not an emergency. I just need to find  
7 someone near Flanagan tank farm.

8 CONTROL CENTER: The Flanagan tank farm regarding what?

9 HELEN: It's regarding their (indiscernible) system.

10 CONTROL CENTER: Who is this?

11 HELEN: This is Helen from SCADA team.

12 CONTROL CENTER: Helen, you're on the emergency line.

13 HELEN: Yeah, I, I couldn't find anyone. I got a  
14 number. It's 2606 and --

15 CONTROL CENTER: Are, are you trying to talk to someone  
16 that runs the tank farm or out at the tank farm?

17 HELEN: Out at the tank farm.

18 CONTROL CENTER: And -- okay, so you talked to the  
19 operator? I gave you the number [REDACTED].

20 HELEN: Oh, you gave me --

21 CONTROL CENTER: [REDACTED]. They run the -- they should  
22 be able to give you a gauger's number or something.

23 HELEN: No I didn't get anyone. It's -- by any means  
24 you know the name of anyone there? Because when I dial that it  
25 just goes to the machine and asked me to, to put in like extension



1 number.

2 CONTROL CENTER: Where, where are you?

3 HELEN: I'm here in (indiscernible).

4 CONTROL CENTER: Well, call the operator [REDACTED]. [REDACTED]

5 [REDACTED]

6 HELEN: Okay.

7 CONTROL CENTER: They'll be able to get you a number.

8 Okay? Thanks. Bye.

9 HELEN: Okay. Bye.

10 \* \* \*

11 **07\_26\_2010\_11:46:10\_EDT\_BRD\_9000\_CH\_002**

12 CONTROL CENTER: Enbridge Pipeline's emergency line.

13 CHRIS: Hello. Chris at Gopher State One Call with an  
14 emergency.

15 CONTROL CENTER: Okay. Hold on a second, Chris. Okay.  
16 Where is it located?

17 CHRIS: Grand Rapids Township.

18 CONTROL CENTER: Grand Rapids. Okay. And what's the  
19 ticket number?

20 CHRIS: The ticket number -- your name was?

21 CONTROL CENTER: Brad.

22 CHRIS: Okay. Thanks, Brad. The ticket number  
23 100361666.

24 CONTROL CENTER: Okay. And what's the work type?

25 CHRIS: Emergency repair of septic tank at 11:30 a.m.

1 today, the 26th.

2 CONTROL CENTER: 11:33 you said?

3 CHRIS: Nope. 11:30 a.m. today the 26th.

4 CONTROL CENTER: What time is it there now?

5 CHRIS: It's 10:44.

6 CONTROL CENTER: 10:44. What have I got -- one second.

7 So 10:44 --

8 CHRIS: Work's in 45 minutes.

9 CONTROL CENTER: And the address?

10 CHRIS: 902 20th Street, Northwest.

11 CONTROL CENTER: Okay. And contact phone?

12 CHRIS: Jim Kelly.

13 CONTROL CENTER: Okay. Phone number?

14 CHRIS: [REDACTED]

15 CONTROL CENTER: Okay.

16 CHRIS: That's the cell for Jim Kelly. Do you wish to

17 get a landline?

18 CONTROL CENTER: If you got one there, sure.

19 CHRIS: [REDACTED]

20 CONTROL CENTER: That's home or is that --

21 CHRIS: I don't know. I would suspect that would be the

22 office phone number.

23 CONTROL CENTER: Okay. Who's doing the work?

24 CHRIS: Lease Landscaping and Jim Kelly is with Lease

25 Landscaping.

1 CONTROL CENTER: How do you spell Lease?

2 CHRIS: L-e-a-s-e.

3 CONTROL CENTER: Okay. Just making sure.

4 CHRIS: Okay.

5 CONTROL CENTER: Okay. I think I got everything I need  
6 to get somebody there.

7 CHRIS: All righty.

8 CONTROL CENTER: Thanks.

9 CHRIS: Bye.

10 CONTROL CENTER: Goodbye.

11 \* \* \*

12 **07\_26\_2010\_11:49:19\_EDT\_BRD\_2100\_CH\_035**

13 TIM: Good morning. Enbridge.

14 CONTROL CENTER: Hello. Tim?

15 TIM: Yes, sir.

16 CONTROL CENTER: Hey, it's Brad in the Control Center.  
17 How are you?

18 TIM: I'm really good. I'm guessing you got an  
19 emergency one call ticket, huh?

20 CONTROL CENTER: I did. Did you get it, too?

21 TIM: Yeah, he left a message when I was on the phone,  
22 and I just got done talking to Chris at Gopher State and he said  
23 he had left it with you. So --

24 CONTROL CENTER: Oh, okay. So you got all the info you  
25 need?

1 TIM: I believe I do. It's the same ticket, isn't it?  
2 100361666.

3 CONTROL CENTER: Yes.

4 TIM: Yep, I've got her.

5 CONTROL CENTER: Thanks a lot, Tim.

6 TIM: All right. Thanks for calling, Brad.

7 CONTROL CENTER: Yep. Take care. Bye.

8 TIM: Bye-bye.

9 \* \* \*

10 **07\_26\_2010\_11:49:57\_EDT\_BRD\_2100\_CH\_014**

11 CONTROL CENTER: (indiscernible) Justin.

12 JUSTIN: Hey, how's it going?

13 CONTROL CENTER: Good, bud.

14 JUSTIN: Sorry. I came over to see you but you were  
15 gone when I came over, so I figured I'd just call you.

16 CONTROL CENTER: Okay.

17 JUSTIN: But I did those Clearbrook's. I got Clearbrook  
18 times for start.

19 CONTROL CENTER: Yeah.

20 JUSTIN: It's 1523 instead of 1511.

21 CONTROL CENTER: Yeah, I got the updates here.

22 JUSTIN: Okay.

23 CONTROL CENTER: Right on.

24 JUSTIN: I wanted to make sure.

25 CONTROL CENTER: Okay. Thanks, bud.

1 JUSTIN: Thanks, bye.

2 \* \* \*

3 **07\_26\_2010\_11:49:57\_EDT\_BRD\_9000\_CH\_003**

4 CONTROL CENTER: Enbridge Pipeline, emergency phone.  
5 What's your pipeline emergency?

6 UNIDENTIFIED SPEAKER: Oh, I'm sorry. I thought I'm  
7 calling Ontario One Call (indiscernible).

8 CONTROL CENTER: No, this is Enbridge Pipeline.

9 UNIDENTIFIED SPEAKER: Do you by chance have the number  
10 please for them?

11 CONTROL CENTER: [REDACTED]

12 UNIDENTIFIED SPEAKER: [REDACTED]

13 CONTROL CENTER: -- [REDACTED] --

14 UNIDENTIFIED SPEAKER: -- [REDACTED] --

15 CONTROL CENTER: -- [REDACTED].

16 UNIDENTIFIED SPEAKER: -- [REDACTED]. Thank you very much.

17 CONTROL CENTER: Thanks. Bye.

18 \* \* \*

19 **07\_26\_2010\_11:54:02\_EDT\_BRD\_2100\_CH\_044**

20 CONTROL CENTER: Hi, Tom. It's Kelly here in the  
21 Control Center. Sorry to bug you. I'm sure you're pretty busy  
22 right now, but --

23 TOM: Not a problem, Kelly.

24 CONTROL CENTER: We just talked to Ben.

25 TOM: Oh, you did?

1 CONTROL CENTER: (indiscernible) yeah. He just gave us  
2 call. He said -- he confirmed that there is oil on the ground.

3 TOM: Okay.

4 CONTROL CENTER: And he said it's about a quarter mile  
5 to a half mile downstream of Marshall station. And we just let  
6 him know that, yeah, we've isolated all that we can in that area.

7 TOM: Okay.

8 CONTROL CENTER: And if he -- there may be some manual  
9 valves closer to the site that he might be able to close, but,  
10 yeah, he's confirmed that there is oil on the ground and he's --  
11 he said that the only other pipelines that he knows of in the area  
12 are gas lines.

13 TOM: Right.

14 CONTROL CENTER: So it's safe to assume that it's  
15 probably us at this point.

16 TOM: Yeah.

17 CONTROL CENTER: As far as notifying the police, did you  
18 want us to do that or --

19 TOM: Yeah, please.

20 CONTROL CENTER: Okay. We'll notify --

21 TOM: Go through your protocol.

22 CONTROL CENTER: Yeah.

23 TOM: I've let Enbridge management know. Leon's on top  
24 of it. He's going to let Sonia know. We could -- you guys better  
25 plan to be down at least, at least 2 days here.

1 CONTROL CENTER: Yeah, no, for sure.

2 TOM: So you'd better talk to schedulers and let them  
3 know all that.

4 CONTROL CENTER: Yeah, they're, they're notified  
5 already.

6 TOM: (indiscernible) Well, we'll get in touch with  
7 Integrity, Public Relations and Compliance, they'll deal with the  
8 regulatory people and --

9 CONTROL CENTER: Okay.

10 TOM: -- and I guess also Environment, we'll get in  
11 touch with them. So if you could do the police at your end --

12 CONTROL CENTER: Oh yeah. For sure, yeah.

13 TOM: -- and button it up. Tell everybody by the sound  
14 of it my gut feel is we're going to be down for 48 hours at least.

15 CONTROL CENTER: Yeah. No, for sure.

16 TOM: Because if we're in water it's not that easy. You  
17 know what I mean?

18 CONTROL CENTER: No for sure.

19 TOM: Okay. And we'll, we'll get in touch with Ben.  
20 You got my cell phone there?

21 CONTROL CENTER: I do here. I just want to make sure --  
22 I'll make sure it's the right one.

23 TOM: Yeah.

24 CONTROL CENTER: I left you a message on it I'm pretty  
25 sure.

1 TOM: Yep, yep you did.

2 CONTROL CENTER: Okay. So yeah, I got your cell phone  
3 number then, yeah.

4 TOM: Yeah.

5 CONTROL CENTER: [REDACTED] --

6 TOM: So I'll be incident commander for today and then  
7 Bill, Bill Burdeau will probably be at night and we'll be giving  
8 e-mail updates to the Control Center. And if you see anybody we  
9 missed just forward them on.

10 CONTROL CENTER: Sounds good. So you'll be sending it  
11 to (indiscernible) shift lead then?

12 TOM: Sure.

13 CONTROL CENTER: That'll get to us and then we'll --  
14 yeah, we'll send it off to whoever --

15 TOM: Yeah.

16 CONTROL CENTER: -- whoever we normally notify, so.

17 TOM: You bet.

18 CONTROL CENTER: Okay. Thanks Tom. If you need  
19 anything else from us --

20 TOM: Thanks a lot. I'm sure you guys do your dumps and  
21 make sure you do your reports because Leon already asked me did,  
22 did we pump into an open pipe and I said no, but we, we did have  
23 some trouble with startup.

24 CONTROL CENTER: Yeah, no, for sure.

25 TOM: So make sure you do all your research and get your



1 homework done so you got all your evidence there.

2 CONTROL CENTER: Yeah, we're working on it.

3 TOM: Because obviously it, it will be investigated.

4 And don't, don't take that personal, guys.

5 CONTROL CENTER: No, no for sure.

6 TOM: That's just the way, the way our business is. And

7 we got to make sure we got our bases covered or --

8 CONTROL CENTER: For sure.

9 TOM: -- if we didn't we'll learn from our error, that's  
10 all.

11 CONTROL CENTER: Yeah. No, for sure.

12 TOM: Okay?

13 CONTROL CENTER: Thank you very much there, Tom.

14 TOM: Thanks Kelly. Take care, man.

15 CONTROL CENTER: Bye-bye.

16 \* \* \*

17 **07\_26\_2010\_11:57:10\_EDT\_BRD\_2100\_CH\_030**

18 CONTROL CENTER: Control Center, Greg here.

19 AMAR: Hi Greg. It's Amar calling from Line 6B. I'm  
20 just phoning to say I'm taking over from Bob. I understand the  
21 line's shut down and -- but we're going to stay out here --

22 CONTROL CENTER: Okay.

23 AMAR: -- just in case we get something going, so --

24 CONTROL CENTER: Yeah, it'll probably be down for a  
25 while.

1 AMAR: It will be down for a while? Like --  
2 CONTROL CENTER: Yeah, we -- they found --  
3 AMAR: -- for hours and hours?  
4 CONTROL CENTER: Well, they found oil on the ground,  
5 so --  
6 AMAR: They found oil on the ground?  
7 CONTROL CENTER: Yeah.  
8 AMAR: Oh. Okay.  
9 CONTROL CENTER: So --  
10 AMAR: Do you know where?  
11 CONTROL CENTER: It's downstream of Marshall, I think.  
12 AMAR: Downstream of Marshall. Okay.  
13 CONTROL CENTER: So --  
14 AMAR: So no point in us staying out here then, eh?  
15 CONTROL CENTER: Not really, no. If -- how far you guys  
16 -- yeah, chances are it'll be a couple, like 12 hours or today.  
17 It's probably --  
18 AMAR: Okay.  
19 CONTROL CENTER: Maybe even longer.  
20 AMAR: Sure. Sure. Okay. Thanks a lot, Greg.  
21 CONTROL CENTER: Yeah, if anything changes I'll give you  
22 a shout, Amar.  
23 AMAR: Sure. You can't start that line up if we're not  
24 up here --  
25 CONTROL CENTER: No.

1           AMAR:  -- because there's a pig --

2           CONTROL CENTER:  Yeah.

3           AMAR:  -- just upstream at Niles.

4           CONTROL CENTER:  How far upstream?

5           AMAR:  Oh, just upstream.

6           CONTROL CENTER:  Like about 10 minutes?

7           AMAR:  Like probably 10 minutes, yeah.

8           CONTROL CENTER:  Okay.

9           AMAR:  Just so you know.

10          CONTROL CENTER:  That's the first one?

11          AMAR:  Yeah, that's the first one.  And -- now that

12 station's all -- I believe is all bypassed and isolated?

13          CONTROL CENTER:  Yeah.

14          AMAR:  Okay.  So it wouldn't be a big panic, but don't

15 change that and -- because you might have a shift change before

16 you fire up.

17          CONTROL CENTER:  Yeah -- no, I'll make a note of that.

18          AMAR:  Sure.  Sure.  Yeah, okay.

19          CONTROL CENTER:  All right?

20          AMAR:  Okay.  Thanks, Greg.

21          CONTROL CENTER:  And then if anything changes we'll give

22 you a shout.

23          AMAR:  Sure.  You got my number there?

24          CONTROL CENTER:  Yeah.

25          AMAR:  ██████████?

1 CONTROL CENTER: Yeah.

2 AMAR: Perfect. Okay. Thanks, Greg.

3 CONTROL CENTER: All right. Thanks, Amar. Bye.

4 \* \* \*

5 **07\_26\_2010\_11:58:56\_EDT\_BRD\_9000\_CH\_003**

6 CONTROL CENTER: Enbridge Pipeline's emergency line.

7 UNIDENTIFIED SPEAKER: I'm sorry. I have the wrong  
8 number.

9 CONTROL CENTER: Oh, okay.

10 UNIDENTIFIED SPEAKER: Goodbye.

11 CONTROL CENTER: Thanks, bye.

12 \* \* \*

13 **07\_26\_2010\_12:00:15\_EDT\_BRD\_2100\_CH\_014**

14 CONTROL CENTER: Control Center.

15 UNIDENTIFIED SPEAKER: Sorry that took so long with the  
16 line. I had the test model running. It's a slow line.

17 CONTROL CENTER: Yeah.

18 UNIDENTIFIED SPEAKER: Looks like there's batch  
19 misalignment which is causing that.

20 CONTROL CENTER: Okay.

21 UNIDENTIFIED SPEAKER: So I'm waiting for the alarms to  
22 clear. Hopefully, within the next hour they'll clear.

23 CONTROL CENTER: Oh, okay.

24 UNIDENTIFIED SPEAKER: And once they do I will load that  
25 in. I'll give you a call before I do though.

1 CONTROL CENTER: Sounds great.

2 UNIDENTIFIED SPEAKER: All right, thanks.

3 CONTROL CENTER: Thank you.

4 UNIDENTIFIED SPEAKER: Bye.

5 CONTROL CENTER: Bye.

6 \* \* \*

7 **07\_26\_2010\_12:02:25\_EDT\_BRD\_2100\_CH\_014**

8 CONTROL CENTER: Control Center.

9 JIM: Yeah, Line 14 please?

10 CONTROL CENTER: Yeah, speaking.

11 JIM: Hey, this is Jim at Shelton Station.

12 CONTROL CENTER: Yeah.

13 JIM: I've got the engineers and they want to get in and  
14 do some changes to the PLC, so you'll -- would it be okay if you  
15 lost all your pressures and stuff for about 5 minutes?

16 CONTROL CENTER: Yeah. No, that's fine.

17 JIM: Okay.

18 CONTROL CENTER: Thank you.

19 JIM: Yep.

20 CONTROL CENTER: Bye.

21 JIM: Bye.

22 \* \* \*

23 **07\_26\_2010\_12:03:11\_EDT\_BRD\_2100\_CH\_030**

24 CONTROL CENTER: Control Center, Greg here.

25 MR. KOLBUCK: Hi, Greg. My name is Vince Kolbuck

1 calling from Chicago region regarding the, the leak. Are you in a  
2 state right now where you can talk?

3 CONTROL CENTER: Yeah, yeah.

4 MR. KOLBUCK: What's your last name, Greg?

5 CONTROL CENTER: Poulin.

6 MR. KOLBUCK: P --

7 CONTROL CENTER: -- o-u-l-i-n.

8 MR. KOLBUCK: Could you just give a rundown timeline?  
9 Because I'm, I'm tasked with putting in the leak report and I just  
10 need an idea of the, the different things that you guys know of  
11 what happened to this point.

12 CONTROL CENTER: Okay. Would it probably be better talk  
13 to the shift leads because they're --

14 MR. KOLBUCK: Okay.

15 CONTROL CENTER: I would say -- like I could give them  
16 what I know, but they're kind of doing the investigation.

17 MR. KOLBUCK: Okay.

18 CONTROL CENTER: Because the majority of this stuff  
19 happened last night.

20 MR. KOLBUCK: Oh, okay.

21 CONTROL CENTER: It didn't happen on our shift this  
22 morning.

23 MR. KOLBUCK: Okay. Who is the shift lead now?

24 CONTROL CENTER: Kelly and -- Kelly and Brad.

25 MR. KOLBUCK: Kelly -- Kelly who?

1 CONTROL CENTER: Kelly -- what's his last name. It's a  
2 messed up last name. Soprovich (ph.).

3 MR. KOLBUCK: What's Brad's?

4 CONTROL CENTER: Brad Ashcroft.

5 MR. KOLBUCK: Ashcroft. Is he on now or is Kelly on  
6 now?

7 CONTROL CENTER: They're both. They're both. They're  
8 shift leads though. I'll just transfer you over.

9 MR. KOLBUCK: Okay. Thank you.

10 CONTROL CENTER: I can't transfer. Answer, because I  
11 can't transfer. I need to --

12 \* \* \*

13 **07\_26\_2010\_12:03:28\_EDT\_BRD\_2100\_CH\_035**

14 CONTROL CENTER: Control Center, Brad here.

15 TED: Hi Brad. It's Ted calling from Pipeline Modeling.

16 CONTROL CENTER: Hi, Ted.

17 TED: I'm just calling about Line 6.

18 CONTROL CENTER: Yeah.

19 TED: Any updates?

20 CONTROL CENTER: Well, there is -- we got guys in the  
21 field looking at it. There is oil on the ground. We're pretty  
22 sure it's us, but we haven't had it for sure confirmed yet.

23 TED: Um-hum.

24 CONTROL CENTER: Downstream of Marshall -- 6B.

25 TED: Okay. Any size or anything else that you know of?

1 CONTROL CENTER: No. I have no idea right now. Our,  
2 our guys just got out there, so --

3 TED: Okay. What I've noticed is that they shut down  
4 yesterday around 1500 hours?

5 CONTROL CENTER: Yep.

6 TED: And at that point all the pressures at Marshall  
7 went to zero.

8 CONTROL CENTER: Yeah, we've been looking at that.

9 TED: The suction (indiscernible) and discharge.

10 CONTROL CENTER: Yeah.

11 TED: And we have a lot of column separations in the  
12 area.

13 CONTROL CENTER: Yeah.

14 TED: How come -- do you know why we shut down or --

15 CONTROL CENTER: It was --

16 TED: -- whether we had lost power and so on?

17 CONTROL CENTER: It was a scheduled shutdown yesterday  
18 at 1500 from what I gather and then they are scheduled to start up  
19 at 1:00.

20 TED: Okay. Was there -- was it compounded with like  
21 any kind of loss of power at any of the pump stations?

22 CONTROL CENTER: I don't believe so. No, they shut  
23 down. Pretty much you can follow the shutdown from Griffith down  
24 and they were stopping pumps all the way down. Within a couple  
25 minutes they were all off. And then they closed off Stockbridge.



1 They were doing (indiscernible) into Stockbridge at the time. And  
2 then when they were going to start up they were starting up down  
3 into Marysville.

4 TED: Um-hum. Okay. I thought -- I see something here  
5 about something happening at Niles?

6 CONTROL CENTER: They were bypassing for a pig. Yeah,  
7 so they were running it when they shut down. The pig was about an  
8 hour upstream. So they just left it off and got it sealed to  
9 isolate it. So they -- that complicated the startup I guess there  
10 bypassing Niles.

11 TED: Okay. Okay.

12 CONTROL CENTER: All righty?

13 TED: All right. Is there anything else you need from  
14 me right now?

15 CONTROL CENTER: Just --

16 TED: I'm looking at it. I see the pressure is down.  
17 We had an alarm on the shutdown. We had an alarm on both failed  
18 startups this morning.

19 CONTROL CENTER: Oh, okay. Okay. Yeah, we had Jim, Jim  
20 Comicha (ph.) was involved when they started it up, I think -- the  
21 second time for sure, but I'm not sure what conversations they had  
22 or anything, but --

23 TED: Okay. So I'll just wait and see. Would you mind  
24 if I checked back in another half hour or so to see if there's any  
25 more information?

1 CONTROL CENTER: No. That's cool.

2 TED: Okay.

3 CONTROL CENTER: Thanks Ted.

4 TED: Very good. Thanks a lot.

5 CONTROL CENTER: Bye.

6 TED: Bye.

7 \* \* \*

8 **07\_26\_2010\_12:05:36\_EDT\_BRD\_2100\_CH\_032**

9 CONTROL CENTER: Control Center, Line 2.

10 STEVE: Hi. This is Steve (indiscernible).

11 CONTROL CENTER: Hi, Steve.

12 STEVE: Hey, we checked it out. It looks like the  
13 bearing RTD is gone funky. I'll have an electrician here in about  
14 half an hour to take a look at it.

15 CONTROL CENTER: All right. Thanks a lot.

16 STEVE: Yep, and I'll give you a call when we're done.

17 CONTROL CENTER: Thanks.

18 \* \* \*

19 **07\_26\_2010\_12:05:36\_EDT\_BRD\_2100\_CH\_035**

20 CONTROL CENTER: Control Center, Brad here.

21 HELEN: Hello Brad. This is Helen calling from SCADA  
22 Operations.

23 CONTROL CENTER: Yeah.

24 HELEN: I just got a page that's saying you need SCADA  
25 support. There is not detailed information. Would you know who

1 and why and what's the issue?

2 CONTROL CENTER: I haven't heard anything.

3 HELEN: No?

4 CONTROL CENTER: [REDACTED] -- can I call you back?

5 HELEN: Yeah, for sure.

6 CONTROL CENTER: Thanks Helen.

7 HELEN: All right. Thank you.

8 CONTROL CENTER: Bye.

9 \* \* \*

10 **07\_26\_2010\_12:05:46\_EDT\_BRD\_2100\_CH\_038**

11 SHANE: Hello, Shane speaking.

12 TED: Hey, it's Ted.

13 SHANE: Hey.

14 TED: Okay. I just talked to the operator, I mean the  
15 CCSE.

16 SHANE: Yeah.

17 TED: So they know that there is some oil on the ground  
18 downstream of Marshall. They're not sure it's theirs or how much  
19 and all that they described onsite. So they're checking it out.

20 SHANE: Okay.

21 TED: So it could be ours. Right now I suspect there's  
22 a leak on Line 6.

23 SHANE: Oh, okay. So they shutdown I guess?

24 TED: Yeah, they're down.

25 SHANE: They've been down.

1 TED: Yeah. They did a scheduled shutdown yesterday at  
2 1500 and then they were going to do a scheduled startup at 1:00  
3 and that didn't work and again at 5:00 and that didn't work.

4 SHANE: Okay.

5 TED: And Niles was bypassed due to a pig pass.

6 SHANE: Oh, okay. Yeah, Jim never mentioned a pig.  
7 Okay. That makes sense.

8 TED: And --

9 SHANE: I guess we wouldn't have seen anything in the  
10 model because of all that column sep anyway, right?

11 TED: Well, I mean the column sep is an indication of --  
12 could be an indication of a leak.

13 SHANE: Yeah.

14 TED: I looked at the pressures at Marshall and they all  
15 went to 0 as soon as they shut down the line.

16 SHANE: Okay.

17 TED: And so I told the CCOCs that we noticed that, too.  
18 So that's an indicator that there could be an issue. That's not  
19 normal.

20 SHANE: Okay.

21 TED: So what we're going to do is just hold off. I  
22 might run a test and I'm going to check in with the CCOC again in  
23 another half an hour for an update.

24 SHANE: Okay.

25 TED: And I guess that's it. If you hear anything,

1 please give me a call.

2 SHANE: I will for sure.

3 TED: I'll be chatting with the CCOC, and I'll let  
4 (indiscernible) know about this, too.

5 SHANE: Okay.

6 TED: Okay.

7 SHANE: Sounds good. Thanks a lot.

8 TED: Thanks, Shane.

9 SHANE: Right. Bye.

10 \* \* \*

11 **07\_26\_2010\_12:06:26\_EDT\_BRD\_2100\_CH\_019**

12 CONTROL CENTER: Control Center, Joe speaking.

13 UNIDENTIFIED SPEAKER: Hey, Joe. Hey, can you get me a  
14 number on who covers Buffalo station?

15 CONTROL CENTER: I think it's Richard Hollyfield. It's  
16 [REDACTED] -- I'll give you his cell number.

17 UNIDENTIFIED SPEAKER: Okay.

18 CONTROL CENTER: [REDACTED]

19 UNIDENTIFIED SPEAKER: All right. Thanks.

20 CONTROL CENTER: Just hold on, hold on, hold on. Yeah,  
21 that's the one.

22 UNIDENTIFIED SPEAKER: Right on. Thank you, Joe. Bye.

23 \* \* \*

24 **07\_26\_2010\_12:06:50\_EDT\_BRD\_9000\_CH\_003**

25 CONTROL CENTER: Enbridge Pipeline's emergency line.

1 UNIDENTIFIED SPEAKER: Yes, sir. I work for District  
2 Electric, and I'm looking for somebody that takes care of the  
3 pipeline at Buffalo, Missouri.

4 CONTROL CENTER: What's it regarding?

5 UNIDENTIFIED SPEAKER: We've got a meter there and when  
6 we have trouble with the phone line, we usually call somebody and  
7 they take care of it, and I just need a contact number for whoever  
8 looks at them telephone lines.

9 CONTROL CENTER: Okay. Buffalo, New York.

10 UNIDENTIFIED SPEAKER: No, Buffalo, Missouri.

11 CONTROL CENTER: Buffalo, Missouri.

12 UNIDENTIFIED SPEAKER: Uh-huh.

13 CONTROL CENTER: You don't have a contact name or --

14 UNIDENTIFIED SPEAKER: No. I didn't know if you could  
15 help me or not.

16 CONTROL CENTER: I may be able to. Usually like our  
17 field personnel lets you in or something like that?

18 UNIDENTIFIED SPEAKER: Yes.

19 CONTROL CENTER: Okay. One sec here.

20 UNIDENTIFIED SPEAKER: We usually have a guy that goes  
21 out. What happened, we call the meter and get all the information  
22 off of it.

23 CONTROL CENTER: Right.

24 UNIDENTIFIED SPEAKER: Now when we call, we get a  
25 recording and something's happened or --

1 CONTROL CENTER: Okay. Hold on a sec. I'll get you a  
2 number. I've got to put the phone down for a second, okay.

3 UNIDENTIFIED SPEAKER: No problem.

4 CONTROL CENTER: Okay. I've got a number here. His  
5 name is Richard.

6 UNIDENTIFIED SPEAKER: Uh-huh.

7 CONTROL CENTER: [REDACTED]

8 UNIDENTIFIED SPEAKER: [REDACTED] what?

9 CONTROL CENTER: [REDACTED]

10 UNIDENTIFIED SPEAKER: [REDACTED].

11 CONTROL CENTER: Yes.

12 UNIDENTIFIED SPEAKER: Okay. I appreciate your help.

13 Thanks a lot. Bye.

14 CONTROL CENTER: Bye.

15 \* \* \*

16 **07\_26\_2010\_12:07:08\_EDT\_BRD\_2100\_CH\_035**

17 UNIDENTIFIED SPEAKER: Did anybody page SCADA support?

18 Thank you.

19 \* \* \*

20 **07\_26\_2010\_12:08:03\_EDT\_BRD\_2100\_CH\_035**

21 HELEN: Hello, Helen speaking.

22 CONTROL CENTER: Hello. Helen, did they give you a  
23 number when they paged?

24 HELEN: Well, it just shows a 5221. There's no person  
25 answering. It's just -- you know, tell you press 1 for pipeline,

1 press 2 for tank farm --

2 CONTROL CENTER: Oh, that's weird.

3 HELEN: -- press 3 for you. Yeah --

4 CONTROL CENTER: That might have come from the  
5 Clearbrook terminal, the guys out at Clearbrook terminal?

6 HELEN: Clearbrook, I just -- oh, well it's working now.  
7 I rebooted for them.

8 CONTROL CENTER: Oh, okay.

9 HELEN: And I called the local guys, asked him to look  
10 and everything is normal now.

11 CONTROL CENTER: Okay. There you go.

12 HELEN: Okay.

13 CONTROL CENTER: Thanks.

14 HELEN: All right, thank you. Bye.

15 \* \* \*

16 **07\_26\_2010\_12:12:16\_EDT\_BRD\_2100\_CH\_044**

17 CONTROL CENTER: Kelly here.

18 UNIDENTIFIED SPEAKER: Kelly.

19 CONTROL CENTER: Key.

20 UNIDENTIFIED SPEAKER: Hey, I've got a guy here from the  
21 Chicago Region --

22 CONTROL CENTER: Okay.

23 UNIDENTIFIED SPEAKER: -- to do a leak report or  
24 whatever.

25 CONTROL CENTER: Okay. Control Center, Kelly here.



1 CONTROL CENTER: Control Center, Kelly here.

2 MR. KOLBUCK: Hi Kelly. What's your last name, Kelly?

3 CONTROL CENTER: Soprovich.

4 MR. KOLBUCK: How do I -- this is Vince Kolbuck calling  
5 from Enbridge in Griffith. How do I -- just do I get it right,  
6 how do I spell your last name?

7 CONTROL CENTER: S-o-p --

8 MR. KOLBUCK: Yeah.

9 CONTROL CENTER: -- r-o-v-i-c-h.

10 MR. KOLBUCK: Okay. I'm just trying to get a timeline  
11 on this potential leak we have over on Line 6B. I've been told to  
12 put in a, a leak report on it.

13 CONTROL CENTER: Okay.

14 MR. KOLBUCK: Can you tell me -- I was told to put  
15 100,000 barrels in out of the pipeline, but -- so with that in  
16 mind can you just kind of walk me through what happened in time  
17 and which valves got isolated and sort of what we knew when we  
18 knew it? Like it doesn't have to be super elaborate, but just the  
19 gist of what happened?

20 CONTROL CENTER: So how many cubes is that? 100,000 you  
21 said.

22 MR. KOLBUCK: 100,000 would be -- 100,000 divided by  
23 6.29 is 16,000 cubes.

24 CONTROL CENTER: Okay.

25 MR. KOLBUCK: I'm not saying that's accurate.

1 CONTROL CENTER: Yeah, I know, for sure.

2 MR. KOLBUCK: I was (indiscernible). I don't know --

3 CONTROL CENTER: (indiscernible) yeah. So basically,  
4 yesterday the line was shut down.

5 MR. KOLBUCK: Okay. Let me, let me start. So 0725,  
6 0725 line shutdown what time?

7 CONTROL CENTER: The line shutdown, I believe it was at  
8 1400.

9 MR. KOLBUCK: On purpose sort of thing?

10 CONTROL CENTER: What's that, sorry?

11 MR. KOLBUCK: That was a regular shutdown?

12 CONTROL CENTER: Yeah, just a regular shutdown.

13 MR. KOLBUCK: Okay. Okay.

14 CONTROL CENTER: So we went to go start up this morning,  
15 a scheduled startup at 2:00 in the morning --

16 MR. KOLBUCK: Okay, so --

17 CONTROL CENTER: -- and we started --

18 MR. KOLBUCK: -- 0726 a scheduled startup, scheduled  
19 startup, what time would that be?

20 CONTROL CENTER: It was scheduled for 2:00. We started  
21 up just a little bit early just to get things going at about -- I  
22 think it was 1 -- 1:10, 1:11 we started up.

23 MR. KOLBUCK: 1:11 MST?

24 CONTROL CENTER: MST, yep.

25 MR. KOLBUCK: Okay. And then?

1 CONTROL CENTER: We shut down at 2:02.

2 MR. KOLBUCK: 2:02. And the reason for the shutdown was  
3 suspicious pressures or something?

4 CONTROL CENTER: Yeah, we -- so there was a column sep  
5 at the Marshall Station.

6 MR. KOLBUCK: I'm sorry. I'm going to close the door  
7 here.

8 CONTROL CENTER: We had a column sep at the Marshall  
9 Station.

10 MR. KOLBUCK: A call, a call was received from Marshall  
11 station?

12 CONTROL CENTER: A column separation.

13 MR. KOLBUCK: Oh, a column --

14 CONTROL CENTER: Sep.

15 MR. KOLBUCK: How, how -- so you could tell?

16 CONTROL CENTER: Yeah, just the pressures were --

17 MR. KOLBUCK: Separation --

18 CONTROL CENTER: -- were --

19 MR. KOLBUCK: -- at Marshall Station?

20 CONTROL CENTER: Marshall Station, yep. So we started  
21 up. There was a known drain of about 600 cubes.

22 MR. KOLBUCK: Wait. Wait second. So, so you, so you  
23 shut it down 2:02 and the -- what time -- what happened next?

24 CONTROL CENTER: 2:02 --

25 MR. KOLBUCK: So you shut it down at 2:02 and then what?

1 CONTROL CENTER: 2:02. The line was down for  
2 investigation.

3 MR. KOLBUCK: Okay.

4 CONTROL CENTER: The pressures appeared to be coming up  
5 at the Mendon Station and --

6 MR. KOLBUCK: Okay, so --

7 CONTROL CENTER: -- and at the Marshall Station it had  
8 gone up to 4, 4 psi.

9 MR. KOLBUCK: Pressures appeared to go up --

10 CONTROL CENTER: Up at the Mendon discharge, which is  
11 upstream of Marshall.

12 MR. KOLBUCK: Discharge, okay.

13 CONTROL CENTER: And the Marshall came up to 4 psi.

14 MR. KOLBUCK: Okay. Marshall, 4 psi. Okay.

15 CONTROL CENTER: So the line was started up again.

16 MR. KOLBUCK: What time was that?

17 CONTROL CENTER: At 4 -- just give me one second. Let  
18 me grab that.

19 MR. KOLBUCK: Were any valves closed at --

20 CONTROL CENTER: 4:30. Sorry, what was that?

21 MR. KOLBUCK: Were any valves closed at that initial,  
22 at that initial shutdown? Were all (indiscernible) --

23 CONTROL CENTER: At 2:00 the day before?

24 MR. KOLBUCK: No, the -- when you did the shutdown at  
25 2:02 were mainline valves closed or was a whole --

1 CONTROL CENTER: Yeah, usually the sectionalizing valve  
2 right at Marshall gets closed there on the discharge side of  
3 Marshall.

4 MR. KOLBUCK: Sectionalizing --

5 CONTROL CENTER: Valve.

6 MR. KOLBUCK: -- valve.

7 CONTROL CENTER: And that would have -- that was closed  
8 right after the shutdown the day before as well.

9 MR. KOLBUCK: Okay.

10 CONTROL CENTER: Just the routine sectionalizing valves  
11 would have been closed.

12 MR. KOLBUCK: And, and -- okay.

13 CONTROL CENTER: Stockbridge is -- would be the next  
14 downstream one after that.

15 MR. KOLBUCK: And Stockbridge. Okay. All right. And  
16 the SK sectionalizing (indiscernible) okay. Sectional -- this is  
17 the stuff they asked me in --

18 CONTROL CENTER: Yeah.

19 MR. KOLBUCK: -- the thing. Okay. So line startup at  
20 4:30 MST.

21 CONTROL CENTER: And shut down at 4:50, so 4:32 to 4:52  
22 it was shut down again.

23 MR. KOLBUCK: So -- wait, so 4:30 --

24 CONTROL CENTER: And has been down since.

25 MR. KOLBUCK: It was shut down --

1 CONTROL CENTER: It started up again at 4:32.

2 MR. KOLBUCK: Okay.

3 CONTROL CENTER: And shut down again at 4:52.

4 MR. KOLBUCK: Again at 4:52. And the reason was  
5 pressures were not adding up?

6 CONTROL CENTER: The pressures still weren't adding up,  
7 correct.

8 MR. KOLBUCK: Was the, was the, the -- what do you call  
9 it -- the -- they always ask did the material balance system work  
10 as predicted?

11 CONTROL CENTER: Correct, yeah.

12 MR. KOLBUCK: So it did?

13 CONTROL CENTER: Yeah.

14 MR. KOLBUCK: Yes?

15 CONTROL CENTER: I believe it did, yeah.

16 MR. KOLBUCK: I got Line 6 -- the Control Center lead.  
17 I'm just getting a timeline.

18 UNIDENTIFIED SPEAKER: Oh, okay. Sure.

19 MR. KOLBUCK: Yes.

20 UNIDENTIFIED SPEAKER: Excuse me. Can -- do you know if  
21 Frank (indiscernible) has been notified?

22 MR. KOLBUCK: I have no idea.

23 UNIDENTIFIED SPEAKER: All right.

24 MR. KOLBUCK: I'm sorry. I don't know.

25 UNIDENTIFIED SPEAKER: All right.

1 MR. KOLBUCK: Okay. So pressures still abnormal at leak  
2 -- what do you call that thing -- a leak --

3 CONTROL CENTER: MBS -- it was MBS, yeah.

4 MR. KOLBUCK: Yeah, leak MBS. Was it staying there as a  
5 problem? Did it actually state there was an imbalance?

6 CONTROL CENTER: It states that there's a column  
7 separated or that there's -- yeah, a leak alarm.

8 MR. KOLBUCK: A column separation.

9 CONTROL CENTER: Yeah.

10 MR. KOLBUCK: Okay.

11 CONTROL CENTER: Which could be like a column sep or a  
12 leak, yeah, correct.

13 MR. KOLBUCK: Okay. Okay. And then it sat ever since?

14 CONTROL CENTER: It's been down since, yeah.

15 MR. KOLBUCK: Did --

16 CONTROL CENTER: So it's basically down --

17 MR. KOLBUCK: -- did anybody call --

18 CONTROL CENTER: -- from 1500 till 1:00 this morning,  
19 1:11 this morning and then two startups --

20 MR. KOLBUCK: Pardon me? What was that?

21 CONTROL CENTER: It was down --

22 MR. KOLBUCK: Say that again?

23 CONTROL CENTER: It was shut down at 1400 the day  
24 before.

25 MR. KOLBUCK: Yeah.

1 CONTROL CENTER: And it was shut down until 1:00 this  
2 morning.

3 MR. KOLBUCK: Yeah, that --

4 CONTROL CENTER: Okay.

5 MR. KOLBUCK: -- that I have, yeah.

6 CONTROL CENTER: Then the two startups, yeah.

7 MR. KOLBUCK: Yes. And then -- was there any external  
8 calls? I heard there was external calls stating that there was  
9 evidence of oil somewhere?

10 CONTROL CENTER: That just happened at -- I think it was  
11 8:16 MST this morning.

12 MR. KOLBUCK: External call 8:16 MST. Who was that  
13 from?

14 CONTROL CENTER: Chris, Chris Treachur from Consumers  
15 Energy.

16 MR. KOLBUCK: Chris Treachur. Did he have any --

17 CONTROL CENTER: They had been receiving calls already.  
18 They had received some calls I guess.

19 MR. KOLBUCK: Treachur, Consumers Energy. Did he leave  
20 a callback number or anything?

21 CONTROL CENTER: Yeah, [REDACTED] --

22 MR. KOLBUCK: Okay. Just wait. [REDACTED], yep.

23 CONTROL CENTER: -- [REDACTED] --

24 MR. KOLBUCK: [REDACTED].

25 CONTROL CENTER: -- [REDACTED]



1 MR. KOLBUCK: [REDACTED] Consumers Energy. And -- well, for  
2 right now you guys are still waiting for confirmation. We really  
3 haven't confirmation to what --

4 CONTROL CENTER: Well, Ben Camp, the PLM guy out in the  
5 field has confirmed that there's oil on the ground and that he  
6 hasn't confirmed the source yet.

7 MR. KOLBUCK: Okay --

8 CONTROL CENTER: But there's not, there's not a lot of  
9 other -- there's no known oil pipelines other than ours in that  
10 area. It sounds like there's a couple gas lines, gas lines in the  
11 area --

12 MR. KOLBUCK: Okay, so --

13 CONTROL CENTER: -- that cross ours.

14 MR. KOLBUCK: Then -- well, did you get a time when he  
15 -- so he called into you guys or how did you guys get the  
16 notification that there was confirmed oil on the ground?

17 CONTROL CENTER: PLM Ben Camp phoned in here, yeah.

18 MR. KOLBUCK: (indiscernible)

19 CONTROL CENTER: But mostly, like I've also given all  
20 this information to Tom Fridel as well.

21 MR. KOLBUCK: Oh, okay. Okay. My apologies.

22 CONTROL CENTER: Okay.

23 MR. KOLBUCK: What time did he confirm oil on the  
24 ground? This helps with the timeline.

25 CONTROL CENTER: Well, he, he phoned in here at 8:45

1 confirmed.

2 MR. KOLBUCK: 8:45 MST confirmed. Okay. And, and the  
3 valves, the same valves are closed at Marshall and Stockbridge?

4 CONTROL CENTER: When we got the call from the outside  
5 or the external, we've isolated two up and two down.

6 MR. KOLBUCK: Okay. So, so -- isolated two up and two  
7 down when Consumers called.

8 CONTROL CENTER: When Consumers called, yeah.

9 MR. KOLBUCK: Okay. Very good. And then nothing else  
10 of note really?

11 CONTROL CENTER: Nothing else to note really.

12 MR. KOLBUCK: Okay. I'll let you go. I'm sure you've  
13 got a lot to do. Thank you very much.

14 CONTROL CENTER: Oh, thank you.

15 MR. KOLBUCK: Bye.

16 CONTROL CENTER: Bye-bye.

17 \* \* \*

18 **07\_26\_2010\_12:14:26\_EDT\_BRD\_2100\_CH\_014**

19 CONTROL CENTER: Control Center.

20 JIM: Are you Line 14?

21 CONTROL CENTER: Yeah.

22 JIM: This is Jim at Sheldon.

23 CONTROL CENTER: Yeah.

24 JIM: We're all done with the PLC there.

25 CONTROL CENTER: Sounds good.

1 JIM: Can you transfer me over to Line 61? We're going  
2 to go mess with him now.

3 CONTROL CENTER: Yeah, just one second. Let me find  
4 him.

5 JIM: I can just, I can just call back.

6 CONTROL CENTER: No, I can patch you over.

7 JIM: Okay.

8 CONTROL CENTER: Okay.

9 \* \* \*

10 **07\_26\_2010\_12:15:25\_EDT\_BRD\_2100\_CH\_044**

11 RECORDING: You have reached the office of Tom Fridel.  
12 I am presently unavailable to take your call. Please leave a  
13 message after the tone or press 0 for personal assistance. Thank  
14 you.

15 Record your message at the tone. When you are finished  
16 hang up or hold for more options.

17 CONTROL CENTER: Hi, Tom. It's Kelly calling in the  
18 Control Center here. Can you give us a call back at [REDACTED]  
19 when you get a chance? Thank you very much.

20 \* \* \*

21 **07\_26\_2010\_12:16:58\_EDT\_BRD\_2100\_CH\_030**

22 CURT: -- speaking.

23 CONTROL CENTER: Hi, Curt. It's Greg here.

24 CURT: Okay.

25 CONTROL CENTER: I'll give her a go.

1 CURT: I'm ready.

2 CONTROL CENTER: Okay. I'll start her. Do you want to  
3 stay online or --

4 CURT: No.

5 CONTROL CENTER: Okay. I'll talk to you in a bit.

6 CURT: All right. Bye-bye.

7 CONTROL CENTER: Bye.

8 \* \* \*

9 **07\_26\_2010\_12:17:33\_EDT\_BRD\_2100\_CH\_023**

10 RECORDING: -- automated voice messaging system. [REDACTED]  
11 [REDACTED] is not available. At the tone please record your  
12 message. When you've finished recording you may hang up or press  
13 1 for more options. To leave a callback number press 5.

14 CONTROL CENTER: Hey, Tom. It's Kelly calling in the  
15 Control Center here. If you could give us a call back when you  
16 get this? [REDACTED]. I was just about to phone the police or  
17 at least the county sheriff's department here, but normally we  
18 just ask them to give us a call if, if they receive any calls, but  
19 at this point we may need -- just, I guess, from your end I'd like  
20 to know if, if you guys require assistance, what I should be  
21 telling them. So if you can give me a call back, like I said,  
22 [REDACTED]. Thanks, Tom.

23 \* \* \*

24 **07\_26\_2010\_12:18:29\_EDT\_BRD\_2100\_CH\_030**

25 CONTROL CENTER: Control Center, Greg here.

1 CURT: Hi, Greg. This is Curt. It appears to be coming  
2 on. We're going to let it cycle all the way on, okay, on unit 1.  
3 Yeah, once it comes on if you can run with 3 and 4 it'd be great  
4 because I got tests I could do on unit 1 on the motor cooling fan.

5 CONTROL CENTER: Yeah. Yeah, I'll run with 3 and 4.

6 CURT: Okay.

7 CONTROL CENTER: All right?

8 CURT: Thank you

9 CONTROL CENTER: All right. Thanks, sir.

10 CURT: Bye.

11 \* \* \*

12 **07\_26\_2010\_12:20:47\_EDT\_BRD\_2100\_CH\_044**

13 CONTROL CENTER: Control Center, Kelly speaking.

14 HELEN: Hi. This is Helen from SCADA Operations. Is  
15 (indiscernible) an operator?

16 CONTROL CENTER: Yeah, he's the -- he's an operator,  
17 yeah. He's not in though today.

18 HELEN: Oh. I have this weird page that he paged, so it  
19 is actually not valid because he's not --

20 CONTROL CENTER: Cory might have -- it was a page from  
21 him?

22 HELEN: Yeah.

23 CONTROL CENTER: How did you know it was from him?

24 HELEN: I didn't receive an e-mail and there was no  
25 information on the page message. I had to go -- went to the

1 (indiscernible) to search and find his name is there. I don't  
2 know what it is about either. Let's see.

3 CONTROL CENTER: You just got a page now?

4 HELEN: Yes. It's actually (indiscernible) -- started  
5 on 24th and so it has been -- oh, it has been on today for 9:00 --  
6 8:00, 9:00, 10:00 so it's just a repeating message.

7 CONTROL CENTER: Okay. I don't know. It must be some  
8 kind of glitch or something like that. He's not in today, so --

9 HELEN: Okay.

10 CONTROL CENTER: All righty?

11 HELEN: Okay. No problem.

12 CONTROL CENTER: Thank you.

13 HELEN: Bye.

14 \* \* \*

15 **07\_26\_2010\_12:25:10\_EDT\_BRD\_2100\_CH\_044**

16 CONTROL CENTER: Control Center, Kelly speaking.

17 TOM: Hi, Kelly. Tom here.

18 CONTROL CENTER: Hey, Tom.

19 TOM: Did you leave me a voice-mail?

20 CONTROL CENTER: I did. Yeah, did you -- you didn't get  
21 my message then?

22 TOM: No.

23 CONTROL CENTER: Okay. Basically, I was just about to  
24 phone the police, but we normally don't request assistance from  
25 them. We just ask them to basically give us a call if they

1 receive any calls.

2 TOM: Okay.

3 CONTROL CENTER: Is there -- but I just got some --

4 TOM: Well, then, then there's --

5 CONTROL CENTER: (indiscernible).

6 TOM: Yeah, there's no need for it right now then.

7 CONTROL CENTER: There is no need for assistance then?

8 TOM: No.

9 CONTROL CENTER: Okay.

10 TOM: As far as we know right now. I mean, we'll give  
11 them a call if required out there.

12 CONTROL CENTER: Okay.

13 TOM: Or did you talk to them?

14 CONTROL CENTER: No, I haven't talked to them yet, so  
15 I'll just --

16 TOM: Yeah.

17 CONTROL CENTER: I'll leave it and if you guys need  
18 assistance then I'll, I'll just leave it up to you guys to do --

19 TOM: Yeah.

20 CONTROL CENTER: -- to give them a call.

21 TOM: No, there's Enbridge people onsite, so --

22 CONTROL CENTER: Okay

23 TOM: -- they would have called, called them if they  
24 needed assistance. You know, through their training, so --

25 CONTROL CENTER: Okay. Perfect.

1 TOM: That's cool. You can --

2 CONTROL CENTER: Nothing to worry about then.

3 TOM: You can call that off. That's normally what you  
4 do --

5 CONTROL CENTER: We normally do it unless the field  
6 tells that we don't need to give them a call basically.

7 TOM: Yeah. I, I wouldn't alarm them right now.

8 CONTROL CENTER: Okay. Perfect.

9 TOM: All right?

10 CONTROL CENTER: Thanks then, Tom.

11 TOM: Okay. Take care.

12 CONTROL CENTER: Bye-bye.

13 \* \* \*

14 **07\_26\_2010\_12:25:32\_EDT\_BRD\_9000\_CH\_003**

15 CONTROL CENTER: Enbridge Pipeline, emergency phone. Go  
16 ahead. What's the pipeline emergency?

17 \* \* \*

18 **07\_26\_2010\_12:26:56\_EDT\_BRD\_2100\_CH\_044**

19 (Unrelated to Enbridge.)

20 \* \* \*

21 **07\_26\_2010\_12:27:09\_EDT\_BRD\_2100\_CH\_030**

22 CONTROL CENTER: Control Center, Greg here.

23 DARRELL: Hi Greg. This is Darrell again at La Porte  
24 Station.

25 CONTROL CENTER: Hey.



1           DARRELL: Hey, if we're going to be down for maybe half  
2 an hour at the very least --

3           CONTROL CENTER: Yeah, we'll be down for a while.

4           DARRELL: Okay.

5           CONTROL CENTER: They found oil on the ground there.

6           DARRELL: Oh, they did?

7           CONTROL CENTER: At Marshall. Yeah.

8           DARRELL: Oh, no. Very much?

9           CONTROL CENTER: They don't know yet.

10          DARRELL: Oh. Gee.

11          CONTROL CENTER: Chances are there is a bit.

12          DARRELL: Oh, no.

13          CONTROL CENTER: Because we start -- they started it up  
14 last night and --

15          DARRELL: (indiscernible).

16          CONTROL CENTER: Yeah, no, they're, they're just out  
17 there right now.

18          DARRELL: Okay. Well, for me I guess -- so while we  
19 have some things down I'm going to do some maintenance on some  
20 things. And the first thing I was going to do was on the -- for  
21 the pressure control valve, the hydraulic unit.

22          CONTROL CENTER: Yeah.

23          DARRELL: It, of course, the PCV is open right now and  
24 I'm not planning on moving it although it doesn't sound like it'd  
25 probably make any difference. But I'm going to shut that unit off

1 just to check out the hydraulic unit motor.

2 CONTROL CENTER: Okay, yeah.

3 DARRELL: I'll probably only have it off about a half  
4 hour or so, but I'll call you back when I get it back on.

5 CONTROL CENTER: Sounds good, Darrell.

6 DARRELL: Okay. Thanks.

7 CONTROL CENTER: Talk to you in a bit, bye.

8 \* \* \*

9 **07\_26\_2010\_12:30:53\_EDT\_BRD\_2100\_CH\_030**

10 CONTROL CENTER: Control Center, Greg here.

11 MICK: Greg, this is Mick over here in Marshall. How  
12 you doing?

13 CONTROL CENTER: Not bad. You?

14 MICK: Good. I just wanted to confirm, you got the  
15 valve at Marshall Station closed?

16 CONTROL CENTER: Marshall Station that's 6B -- hold on  
17 here.

18 MICK: It should be 607. something.

19 CONTROL CENTER: Yeah. 607.66-6-V.

20 MICK: Which one do you have closed? 607 what?

21 CONTROL CENTER: 607.66-6-V and then we got the  
22 discharge valve closed, too.

23 MICK: Okay. How about the Albion valve? Have you got  
24 that one closed?

25 CONTROL CENTER: Yeah, we have the Albion, but one

1 downstream, we don't.

2 MICK: Why don't you close that one? You got control of  
3 that one.

4 CONTROL CENTER: No, it's -- it's out of -- no  
5 communication to it.

6 MICK: Really?

7 CONTROL CENTER: What's -- I had Brian go down there to  
8 go check on it so I could close it.

9 MICK: Oh, is he --

10 CONTROL CENTER: But he -- I think he's up there with  
11 you guys because --

12 MICK: Okay.

13 CONTROL CENTER: -- supposedly you guys needed help or  
14 whatever, so --

15 MICK: Yeah. Okay. I want him to close that anyways,  
16 but -- well, you know what? The river valve, you can close that  
17 one.

18 CONTROL CENTER: Yeah, that's 620, right? That's  
19 Albion. And then --

20 MICK: No, there should be, should be one before that.  
21 There should be the river valve, the Kalamazoo River valve -- 610.  
22 Can you close that one?

23 CONTROL CENTER: Yeah, that one is closed.

24 MICK: That one is closed?

25 CONTROL CENTER: Yeah. The only one that isn't closed

1 between Marshall and Stockbridge is that 632.

2 MICK: Okay.

3 CONTROL CENTER: And that one's -- I had a communication  
4 failure to it.

5 MICK: Yeah, that's shouldn't be a big problem. We'll  
6 -- you got that 610 closed, I mean that's a pretty close area you  
7 got closed off right there, so --

8 CONTROL CENTER: Yeah.

9 MICK: Okay. Sounds good then. If you need anything  
10 you -- I can give you my cell phone number.

11 CONTROL CENTER: Oh, yeah. Let me -- let me grab your  
12 cell here.

13 MICK: Okay.

14 CONTROL CENTER: Okay. Go ahead there, Mick.

15 MICK: Yeah, area code [REDACTED]

16 CONTROL CENTER: Okay.

17 ] MICK: -- [REDACTED]

18 CONTROL CENTER: Right on. Thanks, Mick.

19 MICK: Thanks again, sir. We'll talk to you in a bit.

20 CONTROL CENTER: All right, bye.

21 MICK: Bye.

22 \* \* \*

23 **07\_26\_2010\_12:33:24\_EDT\_BRD\_2100\_CH\_044**

24 CONTROL CENTER: Control Center, Kelly speaking.

25 MR. KOLBUCK: Hi, Kelly. This is Vince Kolbuck calling

1 again. Can I just take one more minute of your time?

2 CONTROL CENTER: Sure.

3 MR. KOLBUCK: Okay. Hey, Kelly this is Vince Kolbuck  
4 and Dave Hoffman. Dave's the supervisor of compliance in the U.S.  
5 here.

6 CONTROL CENTER: Okay.

7 MR. KOLBUCK: I was told by Tom Fridel to put a volume  
8 out estimate of 100,000 barrels. Is that realistic?

9 CONTROL CENTER: That seems pretty high, but --

10 MR. KOLBUCK: It seems high? Is there any, any logic we  
11 can apply to this? Is there some like modeling?

12 CONTROL CENTER: Well, like I said, we shut down  
13 yesterday at noon. So we don't really know when, when it happened  
14 I guess, right? In, in our early research here this morning after  
15 being shut down, we noticed that when Marshall shut down yesterday  
16 for that 2:00 shutdown --

17 MR. KOLBUCK: I guess --

18 UNIDENTIFIED SPEAKER: Excuse me?

19 CONTROL CENTER: Yeah.

20 UNIDENTIFIED SPEAKER: For the interruption?

21 MR. KOLBUCK: Yes.

22 UNIDENTIFIED SPEAKER: We confirmed the leak at --  
23 here's our -- our confirmation of the leak was 9:45 from Consumers  
24 Gas.

25 MR. KOLBUCK: Central time? Or Eastern -- what time was

1 that?

2 CONTROL CENTER: Yeah, it was 8:45 MST was our -- our  
3 PLM guy confirmed. At 7 -- at 8:15 MST Consumers Gas called it in  
4 that they, they had observed oil.

5 MR. KOLBUCK: Okay. What -- hey, guys? What, what day  
6 are we talking here?

7 UNIDENTIFIED SPEAKER: Well (indiscernible).

8 CONTROL CENTER: This morning.

9 UNIDENTIFIED SPEAKER: It's Monday.

10 CONTROL CENTER: This morning.

11 UNIDENTIFIED SPEAKER: We phoned Leon. Senior  
12 management was notified at 9:55.

13 MR. KOLBUCK: Central?

14 UNIDENTIFIED SPEAKER: Yes. We're going.

15 MR. KOLBUCK: Okay. Thank you.

16 CONTROL CENTER: Yep.

17 MR. KOLBUCK: Notified at -- what did he say? Senior  
18 management notified 9 -- what the [REDACTED] did he say?

19 CONTROL CENTER: 9:55 he said.

20 MR. KOLBUCK: 9:55, thanks. Okay. So just -- I guess,  
21 I guess, you know what? You know what? I think what I can do is  
22 get the modeling guys, Weir (ph.), to model volume out. Actually,  
23 Dave, could you take that on please?

24 MR. HOFFMAN: Yeah, sure. Normally doesn't Control  
25 Center have people to handle (indiscernible) volume out or, no, is

1 there something --

2 CONTROL CENTER: Yeah, we were thinking -- so this --  
3 where I was going with that was yesterday we shut down and this  
4 morning when we started back up we pumped in about just over 2000.  
5 I can confirm numbers here with you in a second, if you want, but  
6 about 2000, just over 2000 and about 200 -- and just over 200  
7 cubes came out.

8 MR. KOLBUCK: Wait. So pumped, pumped in 2 --

9 CONTROL CENTER: Yeah.

10 MR. KOLBUCK: Okay, pumped -- so we're cutting it down  
11 some. So you pumped in 2000 cubes?

12 CONTROL CENTER: Just over 2000. Yeah, I can get you  
13 exact numbers, but --

14 MR. KOLBUCK: Yeah, and estimated 200 cubes came out?

15 CONTROL CENTER: Just over 200 cubes came out.

16 MR. KOLBUCK: When you say come out, what do you mean by  
17 come out?

18 CONTROL CENTER: Out the delivery location.

19 MR. HOFFMAN: Okay.

20 MR. KOLBUCK: Okay. So, so --

21 CONTROL CENTER: So the injection location put in just  
22 over 2000 and the delivery location took out --

23 MR. KOLBUCK: And what, what was the delivery location,  
24 just for my awareness?

25 CONTROL CENTER: Marysville.

1 MR. KOLBUCK: MYV, okay. So, so we really have a  
2 difference of 1800?

3 CONTROL CENTER: Yeah, roughly.

4 MR. KOLBUCK: Right?

5 CONTROL CENTER: Those aren't exact numbers, but yeah.

6 MR. KOLBUCK: Okay. I understand. And then --

7 CONTROL CENTER: That would be a better -- to me that  
8 would be a better guess than --

9 MR. KOLBUCK: -- there's probably then --

10 CONTROL CENTER: -- yeah, 15,000 cubes or whatever,  
11 yeah.

12 MR. KOLBUCK: Okay. That would be 11 --

13 MR. HOFFMAN: Thousand.

14 MR. KOLBUCK: 11,000 barrels. Okay, I'll -- but there's  
15 probably some natural drainage. I'll tell you what. Dave, I  
16 really could use the help. If you could contact David Weir?

17 MR. HOFFMAN: Yep.

18 MR. KOLBUCK: And he can do mainline rupture modeling  
19 based on the elevation profiles at a given point. That's probably  
20 what is most realistic because not only is it a pump but also the  
21 natural drainage of the line.

22 MR. HOFFMAN: Yep.

23 MR. KOLBUCK: So that will -- huh?

24 JAY: (indiscernible) this is Jay and Dave. What we'll  
25 do is we'll get Barry Auer (ph.) to work with David Weir to, to



1 help with those numbers.

2 UNIDENTIFIED SPEAKER: Okay. All right, thanks guys.

3 MR. KOLBUCK: So right now the best we have is that 2000  
4 cubes went in and 200 came out the delivery so (indiscernible)  
5 1800 cubes.

6 UNIDENTIFIED SPEAKER: Yeah, it's likely more because  
7 of, you know, gravitational drain out.

8 CONTROL CENTER: Yeah, it's probably 2000 plus, yeah.

9 MR. KOLBUCK: Okay. Thanks guys. I'll, I'll let you  
10 go.

11 CONTROL CENTER: Okay. If you need anything else there  
12 just let us know. Okay?

13 MR. KOLBUCK: Very good, thanks.

14 CONTROL CENTER: Thank you.

15 \* \* \*

16 **07\_26\_2010\_12:35:25\_EDT\_BRD\_2100\_CH\_023**

17 RECORDING: Hello, no one can come to the phone at the  
18 moment, but if you could leave your name and number, we will get  
19 back to you. Thank you.

20 \* \* \*

21 **07\_26\_2010\_12:36:53\_EDT\_BRD\_2100\_CH\_030**

22 CONTROL CENTER: Control Center, Greg here.

23 CURT: Hey Greg. Curt at Owen Station.

24 CONTROL CENTER: Hi, Curt.

25 CURT: I would like to check my cube floats, which is on

1 all the units.

2 CONTROL CENTER: Okay.

3 CURT: You'll probably see them, but it won't do  
4 anything. I've got them disabled.

5 CONTROL CENTER: All right.

6 CURT: All right. Thank you.

7 CONTROL CENTER: Yeah. Just give me a should when  
8 you're all done, Curt.

9 CURT: Yep.

10 CONTROL CENTER: Bye.

11 \* \* \*

12 **07\_26\_2010\_12:40:21\_EDT\_BRD\_2100\_CH\_014**

13 CONTROL CENTER: Control Center.

14 COLTON: Hi. It's Colton with a pig 2 update.

15 CONTROL CENTER: Yeah.

16 COLTON: It launched out of Souris at 9:36.

17 CONTROL CENTER: 9:36. Perfect.

18 COLTON: Yep, thank you.

19 CONTROL CENTER: Yeah, bye.

20 \* \* \*

21 **07\_26\_2010\_12:40:53\_EDT\_BRD\_2100\_CH\_014**

22 CONTROL CENTER: Control Center.

23 COLTON: Hi. It's Colton calling again. What's the  
24 flow rate?

25 CONTROL CENTER: 5600.

1 COLTON: 5600?

2 CONTROL CENTER: Yeah.

3 COLTON: Okay. Thank you very much.

4 CONTROL CENTER: No problem, bye.

5 COLTON: Bye.

6 \* \* \*

7 **07\_26\_2010\_12:41:52\_EDT\_BRD\_9000\_CH\_003**

8 CONTROL CENTER: Enbridge Pipeline emergency phone. Go  
9 ahead with your pipeline emergency.

10 MR. FISH: I'm with the Department of Natural Resources  
11 in Michigan and I'm working on this broken pipeline on Division  
12 Drive. And I need to know why it's not being turned off.

13 CONTROL CENTER: Pardon me? Sorry?

14 MR. FISH: I need to know why it's not been turned off.  
15 It's still leaking raw oil into our Kalamazoo River here.

16 CONTROL CENTER: Can I get your name and number and get  
17 somebody to contact you with some more information on that?

18 MR. FISH: Right. My name is Brian, B-r-i-a-n, Fish,  
19 F-i-s-h.

20 CONTROL CENTER: Okay.

21 MR. FISH: My number is [REDACTED].

22 CONTROL CENTER: Okay. And that's your -- that'll be  
23 your number here for the next little bit here so I --

24 MR. FISH: Yeah, that's my work cell phone. I'm out at  
25 the site and it's --

1 CONTROL CENTER: Yeah.

2 MR. FISH: -- leaking oil and has been leaking for  
3 (indiscernible)

4 CONTROL CENTER: I will get somebody, somebody to give  
5 you a call right back there, Brian.

6 MR. FISH: Okay.

7 CONTROL CENTER: And you're with the Department of  
8 Natural Resources, you said?

9 MR. FISH: Department of Natural Resources and  
10 Environment, yes.

11 CONTROL CENTER: Okay. Thank you there, Brian.

12 MR. FISH: Thank you.

13 CONTROL CENTER: Bye.

14 \* \* \*

15 **07\_26\_2010\_12:43:22\_EDT\_BRD\_2100\_CH\_030**

16 CONTROL CENTER: Hey.

17 UNIDENTIFIED SPEAKER: Hey. What batch is across  
18 Marshall?

19 CONTROL CENTER: (Indiscernible) Lake 719-9.

20 UNIDENTIFIED SPEAKER: Okay. Thanks.

21 CONTROL CENTER: All right. Bye.

22 \* \* \*

23 **07\_26\_2010\_12:43:29\_EDT\_BRD\_2100\_CH\_044**

24 RECORDING: -- the office of Tom Fridel. I am presently  
25 unavailable to take your call. Please leave a message after the

1 tone or press 0 for personal --

2 \* \* \*

3 **07\_26\_2010\_12:43:33\_EDT\_BRD\_2100\_CH\_014**

4 CONTROL CENTER: Control Center.

5 MR. MALATH: Hey there, Justin. How are you doing?

6 CONTROL CENTER: Good. How about you?

7 MR. MALATH: Good. Mike Malath Cromer PLM at Souris  
8 East Station. We are all done here and on the move to Glenboro.

9 CONTROL CENTER: Sounds good.

10 MR. MALATH: All righty.

11 CONTROL CENTER: Yeah.

12 MR. MALATH: Talk to you there.

13 CONTROL CENTER: Sounds good. Bye.

14 MR. MALATH: Okay, bye.

15 \* \* \*

16 **07\_26\_2010\_12:44:37\_EDT\_BRD\_2100\_CH\_044**

17 (Unrelated to Enbridge.)

18 \* \* \*

19 **07\_26\_2010\_12:45:12\_EDT\_BRD\_2100\_CH\_023**

20 CONTROL CENTER: Enbridge, Kelthy speaking.

21 RECORDING: You are receiving a call from MPL. This  
22 call will be recorded.

23 ASHLEY: This is Ashley at [REDACTED]. How are you?

24 CONTROL CENTER: Good. How are you, Ashley?

25 ASHLEY: I want to touch base with you guys. I'm

1 showing about 2 hours until you turn into our tankage there at  
2 Semaria (ph.).

3 CONTROL CENTER: Just add another 19 minutes, and you're  
4 about right.

5 ASHLEY: All right. And you're coming in with Cold Lake  
6 for about 58,500.

7 CONTROL CENTER: That is correct, yep.

8 ASHLEY: Okay. I'm going to get your tank open. Give  
9 me a call once you turn in. That way I verify our meters turn  
10 over.

11 CONTROL CENTER: Okay. I will do that.

12 ASHLEY: Thank you very much.

13 CONTROL CENTER: No problem.

14 ASHLEY: Bye.

15 CONTROL CENTER: Bye.

16 \* \* \*

17 **07\_26\_2010\_12:46:10\_EDT\_BRD\_2100\_CH\_044**

18 TOM: Hello?

19 CONTROL CENTER: Hi, Tom.

20 TOM: Hi.

21 CONTROL CENTER: This is Kelly here in the Control  
22 Center.

23 TOM: I didn't -- I'm driving. Is it an emergency or  
24 what?

25 CONTROL CENTER: Well, maybe you can tell me who to give

1 a call to, but we just got a call from Brian Fish at the  
2 Department of Natural Resources.

3 TOM: Okay.

4 CONTROL CENTER: Wanting to know why we haven't shut  
5 down our pipeline and -- because he's on site I guess at this  
6 point. So I'm not sure who our onsite contact is for, for that  
7 type of stuff. I didn't give him any information. I just said  
8 I'd give you guys call or give somebody a call to give him a call  
9 back.

10 TOM: Got a number for him?

11 CONTROL CENTER: Yeah, I do. Did you want it or did you  
12 want me to give somebody else a call?

13 TOM: Yeah. Phone Bill Burdeau right away here. He's  
14 in -- okay. What's the guy's name?

15 CONTROL CENTER: His name is Brian Fish.

16 TOM: And what's he want?

17 CONTROL CENTER: He wanted to know --

18 TOM: What (indiscernible) --

19 CONTROL CENTER: -- basically he saw some oil into, into  
20 the river, I -- or into the creek or whatever it is, and he was --

21 TOM: Okay.

22 CONTROL CENTER: -- just wondering why it hasn't been  
23 shut off yet basically.

24 TOM: Yeah, it is shut off.

25 CONTROL CENTER: Yeah. I know. I know it is, yeah.

1 TOM: Yeah, okay.

2 CONTROL CENTER: But I thought, I thought I'd let you  
3 guys deal with that since you guys are the on-sites there.

4 TOM: Okay. Give us the number.

5 CONTROL CENTER: His number is [REDACTED]

6 TOM: Yeah.

7 CONTROL CENTER: -- [REDACTED]

8 TOM: 08 -- yeah. Brian Fish is his name?

9 CONTROL CENTER: Brian Fish, yep, with the DNR he said  
10 of Michigan, yeah.

11 TOM: Fish is the contact?

12 CONTROL CENTER: Yeah.

13 TOM: I wonder who phoned him?

14 CONTROL CENTER: Yeah, I'm not too sure. That's why I  
15 thought before -- I'm not sure if you guys --

16 TOM: Yeah.

17 CONTROL CENTER: -- had already confirmed or what, so --  
18 well, I know you confirmed it, but whether you had already called  
19 him or not, so --

20 TOM: All right. Okay. We'll get him.

21 CONTROL CENTER: Hey, if you guys need anything else let  
22 us know. Thanks Tom and Bill.

23 TOM: Bye.

24 CONTROL CENTER: Bye-bye.

25 \* \* \*



1                   **07\_26\_2010\_12:46:16\_EDT\_BRD\_2100\_CH\_014**

2                   CONTROL CENTER:   Control Center.

3                   UNIDENTIFIED SPEAKER:   Hey, how's it going?

4                   CONTROL CENTER:   Good.   How about you?

5                   UNIDENTIFIED SPEAKER:   Good.   Did I speak to you earlier  
6 about Line 4 (indiscernible) injection?

7                   CONTROL CENTER:   Yeah, maybe.   Yeah, yeah.

8                   UNIDENTIFIED SPEAKER:   Okay.   Yes, I looked into it.   So  
9 it looks like due to the 6B leak --

10                  CONTROL CENTER:   Yeah.

11                  UNIDENTIFIED SPEAKER:   -- they're going to need to slow  
12 down probably on 4 anyways.

13                  CONTROL CENTER:   Oh, okay.

14                  UNIDENTIFIED SPEAKER:   So they said, you know, like they  
15 appreciate you kind of giving me the heads up and me letting them  
16 know.   They said if this works out now that we're probably going  
17 to have to slow down 4 anyways.

18                  CONTROL CENTER:   Okay.

19                  UNIDENTIFIED SPEAKER:   Just due to that 6B.   If not then  
20 they would definitely -- probably we (indiscernible) or do  
21 something to get that, get that fixed, but it's actually probably  
22 going to be needed, so I think that's what's going to happen.

23                  CONTROL CENTER:   Oh, yeah.

24                  UNIDENTIFIED SPEAKER:   They're just going to keep it and  
25 use that to slow down to help them out at Superior.

1 CONTROL CENTER: Oh, yeah. No, I just, I just thought,  
2 you know, makes, makes it easier for later, but yeah -- no, that's  
3 perfect.

4 UNIDENTIFIED SPEAKER: And if it changes -- they're  
5 going to run a few things sims to kind of see where they're at.

6 CONTROL CENTER: Yeah.

7 UNIDENTIFIED SPEAKER: If there's a change they're going  
8 to let me know and I'll give you a call back.

9 CONTROL CENTER: I appreciate that a lot.

10 UNIDENTIFIED SPEAKER: Yeah, no worries.

11 CONTROL CENTER: Thank you very much.

12 UNIDENTIFIED SPEAKER: No problem.

13 CONTROL CENTER: You have a good one.

14 UNIDENTIFIED SPEAKER: You too.

15 CONTROL CENTER: Bye.

16 UNIDENTIFIED SPEAKER: Bye.

17 \* \* \*

18 **07\_26\_2010\_12:48:12\_EDT\_BRD\_2100\_CH\_014**

19 CONTROL CENTER: Enbridge.

20 JUSTIN: Hey, how's it going?

21 CONTROL CENTER: Good so far.

22 JUSTIN: That's good. This is Justin calling with Line  
23 4.

24 CONTROL CENTER: Uh-huh.

25 JUSTIN: Just letting you know I had a unit 3 at

1 (indiscernible) lock out on me.

2 CONTROL CENTER: 4-3?

3 JUSTIN: Yeah.

4 CONTROL CENTER: All right.

5 JUSTIN: I was just wondering if you'd take a look at  
6 that. That would be great.

7 CONTROL CENTER: Okay.

8 JUSTIN: Sounds good.

9 CONTROL CENTER: All right.

10 JUSTIN: Thanks, bye.

11 CONTROL CENTER: Bye.

12 \* \* \*

13 **07\_26\_2010\_12:48:46\_EDT\_BRD\_2100\_CH\_014**

14 CONTROL CENTER: Control Center.

15 GERALD: Yeah, this is Gerald from Hardisty.

16 CONTROL CENTER: Yeah.

17 GERALD: On the 104 manifold out in here Hardisty they  
18 got some issues with a four-way valve for retiming it. You're not  
19 running through the (indiscernible) rate now, are you?

20 CONTROL CENTER: Oh, you probably want the Hardisty  
21 operator. Just a sec. I'll transfer you over.

22 GERALD: Okay.

23 CONTROL CENTER: Terry? What's your number over there?  
24 What's your number over there?

25 TERRY: (indiscernible) 2104.

1 CONTROL CENTER: Okay. Just one sec. I'll transfer you  
2 over.

3 \* \* \*

4 **07\_26\_2010\_12:49:33\_EDT\_BRD\_2100\_CH\_014**

5 CONTROL CENTER: Control Center. Hello?

6 UNIDENTIFIED SPEAKER: Sorry. I was trying to call  
7 another pig tracker. Sorry about that.

8 CONTROL CENTER: No problem. Bye.

9 \* \* \*

10 **07\_26\_2010\_12:51:50\_EDT\_BRD\_2100\_CH\_044**

11 CONTROL CENTER: Control Center, Kelly speaking.

12 MR. KOLBUCK: Hey Kelly, this is Vince. I was just  
13 looking at the strip maps here. There is a remote operated valve  
14 at milepost 610.61 just around the Kalamazoo River?

15 CONTROL CENTER: That's correct, yes.

16 MR. KOLBUCK: Has that, has that valve been closed?

17 CONTROL CENTER: Yeah, we've closed two up and two down  
18 of -- right after we received the call from Consumers there, we  
19 shut down or we closed those two valves.

20 MR. KOLBUCK: Because (indiscernible) --

21 CONTROL CENTER: And 610.61 and 620.66.

22 MR. KOLBUCK: Wait, wait. So let me get it straight.  
23 So you've closed which again?

24 CONTROL CENTER: 610.61.

25 MR. KOLBUCK: 610.61, okay.

1 CONTROL CENTER: And 620.66.

2 MR. KOLBUCK: 620 --

3 CONTROL CENTER: That's downstream.

4 MR. KOLBUCK: -- .66 okay.

5 CONTROL CENTER: Yeah. And upstream we closed 607.66.

6 MR. KOLBUCK: Okay. Just -- I'm just keeping those --  
7 so milepost what again?

8 CONTROL CENTER: 607.66 and that's upstream.

9 MR. KOLBUCK: 607.66 okay.

10 CONTROL CENTER: And that's basically right at the  
11 Marshall Station. That's our routine sectionalizing valve that  
12 they normally close.

13 MR. KOLBUCK: Okay. Yes, who's this?

14 CONTROL CENTER: Kelly.

15 MR. KOLBUCK: Can you guys handle this one moment  
16 please? Could you guys just hold on one moment, please?

17 So, so I'm sorry -- another phone call. So 607.66  
18 upstream closed and which other one?

19 CONTROL CENTER: 599.43

20 MR. KOLBUCK: 599.43 upstream.

21 CONTROL CENTER: Yeah.

22 MR. KOLBUCK: Okay. Thank you very much.

23 CONTROL CENTER: So that would be two up and two down of  
24 the location.

25 MR. KOLBUCK: Very good. Very good.

1 CONTROL CENTER: All righty?

2 MR. KOLBUCK: Thank you. Bye.

3 CONTROL CENTER: Thank you, bye.

4 \* \* \*

5 **07\_26\_2010\_12:54:42\_EDT\_BRD\_2100\_CH\_030**

6 CONTROL CENTER: Control Center, Lines 6 and 3.

7 TOM: Hey, how are you doing? Which line is this? 6  
8 and 3?

9 CONTROL CENTER: Yeah.

10 TOM: Oh, is there a Line 4 around somewhere?

11 CONTROL CENTER: He just stepped away. Can I help you  
12 with something?

13 TOM: Yeah, it's Tom here from Gretna pipeline  
14 maintenance. I'm just about to some lockouts in valves in Line 4  
15 ESB for pig in.

16 CONTROL CENTER: Okay.

17 TOM: We're going to (indiscernible) a pig here. So I  
18 don't know, would you write my number down and then --

19 CONTROL CENTER: Okay.

20 TOM: -- I'll give him a call when I'm all done here.

21 CONTROL CENTER: Just a sec here. And this is Todd you  
22 said?

23 TOM: Tom.

24 CONTROL CENTER: Tom.

25 TOM: Yep.

1 CONTROL CENTER: Gretna ESB?

2 TOM: Yep.

3 CONTROL CENTER: Gretna ESB.

4 TOM: No. It's actually Glenboro.

5 CONTROL CENTER: Oh, Glenboro.

6 TOM: Yep.

7 CONTROL CENTER: Okay. And your number, Tom?

8 TOM: [REDACTED]

9 CONTROL CENTER: Okay.

10 TOM: [REDACTED]

11 CONTROL CENTER: All right. I'll pass it on and --  
12 yeah, just give me a shout or him a shout when you're all done in  
13 there.

14 TOM: Okay. Perfect.

15 CONTROL CENTER: All right.

16 \* \* \*

17 **07\_26\_2010\_12:55:20\_EDT\_BRD\_2100\_CH\_014**

18 CONTROL CENTER: Control Center.

19 UNIDENTIFIED SPEAKER: Hey. Do you mind if I restart  
20 your model?

21 CONTROL CENTER: No. You can go ahead.

22 UNIDENTIFIED SPEAKER: Okay. I'll call you when I'm  
23 done.

24 CONTROL CENTER: Sounds good. Thanks. Bye.

25 \* \* \*

1                   **07\_26\_2010\_12:57:13\_EDT\_BRD\_2100\_CH\_014**

2                   CONTROL CENTER: All done?

3                   UNIDENTIFIED SPEAKER: Yep. You can load it any time.

4                   CONTROL CENTER: Okay. I'll start her back up. Okay.

5                   Thanks.

6                   UNIDENTIFIED SPEAKER: Thank you.

7                   CONTROL CENTER: Bye.

8                   UNIDENTIFIED SPEAKER: Bye.

9   \* \* \*

10                  **07\_26\_2010\_12:57:52\_EDT\_BRD\_2100\_CH\_044**

11                  CONTROL CENTER: Control Center, Kelly speaking.

12                  TED: Hi, Kelly. It's Ted from Pipeline Modeling.

13                  CONTROL CENTER: Yes.

14                  TED: I just want to know if there's any kind of update  
15                  on Line 6?

16                  CONTROL CENTER: In regards to?

17                  TED: The Marshall situation?

18                  CONTROL CENTER: Yeah. Yeah, it looks like it --  
19                  there's a confirmed leak there. It's just a matter -- they don't  
20                  know exact -- the exact the source. But yeah, downstream -- I  
21                  think I was talking to you earlier about just downstream we  
22                  figured there, there is probably an issue there.

23                  TED: Yes. So do we know if it's ours yet or it's too  
24                  early?

25                  CONTROL CENTER: We're pretty, we're pretty sure it's



1 ours, yeah.

2 TED: Okay. And --

3 CONTROL CENTER: Yeah, we're, we're treating it as like  
4 it's ours, yeah.

5 TED: How far downstream is it? It is still like just a  
6 mile or two downstream?

7 CONTROL CENTER: Yeah, maybe even less. The guy figured  
8 maybe a quarter mile, half a mile.

9 TED: Okay. And no other information yet?

10 CONTROL CENTER: No, not --

11 TED: Okay.

12 CONTROL CENTER: So according to our track there's a  
13 possibility that, you know, 2000 cubes difference between what  
14 went in and what came out. Are you seeing any anomalies starting  
15 back as far as 2:00 yesterday when they shut down or 3:00 there?

16 TED: Yeah, we had like a 5-minute alarm come in.

17 CONTROL CENTER: Yeah.

18 TED: And then we had a column separation around there.

19 CONTROL CENTER: Yeah.

20 TED: And that was present.

21 CONTROL CENTER: On the shutdown, yeah. And did it, did  
22 it clear up or did it never clear up?

23 TED: The column sep?

24 CONTROL CENTER: Yeah. Well, the alarm -- did the alarm  
25 clear?

1 TED: Yeah, the alarm cleared. That happens sometimes  
2 with those column separations.

3 CONTROL CENTER: Yeah, when you shut down, right?  
4 There's nothing else coming in, so --

5 TED: Yeah.

6 CONTROL CENTER: They normally do when we shut down.  
7 And then we had, then we had another alarm I'd imagine when we  
8 started back up again probably?

9 TED: Yeah, at 1:00 and at 4:00.

10 CONTROL CENTER: (indiscernible)

11 TED: In both startups we had alarms that came in.

12 CONTROL CENTER: Okay.

13 TED: And I guess -- what was CMT, was CMT showing?

14 CONTROL CENTER: CMT?

15 TED: Yeah. I'm just trying to --

16 CONTROL CENTER: Yeah (indiscernible) --

17 TED: -- before the shutdown if there was -- if there's  
18 any indication? I'm not picking up anything yet, but I still got  
19 a little ways to go.

20 CONTROL CENTER: Okay. Yeah, no, we -- like I said,  
21 when we started up we pumped in more than we took out.

22 TED: Okay.

23 CONTROL CENTER: So that's why we stayed down --

24 TED: Yeah, yeah, yeah.

25 CONTROL CENTER: -- after whatever happened.

1 TED: Have you looked at before 1500 hours yesterday?

2 CONTROL CENTER: No, we haven't gone that far yet.

3 TED: Okay.

4 CONTROL CENTER: But we'll start looking there for sure.

5 TED: Okay. Well, if you --

6 CONTROL CENTER: So yeah --

7 TED: -- want me to look at --

8 CONTROL CENTER: -- (indiscernible) confirmed by -- as  
9 in downstream of Marshall.

10 TED: Okay.

11 CONTROL CENTER: But, like I said, anywhere up to 1 mile  
12 kind of thing is what -- is the original -- it's what they're  
13 thinking out in the field, but they haven't pinpointed exactly  
14 where it's coming from, so --

15 TED: Okay. Okay.

16 CONTROL CENTER: But we the mile part doesn't really  
17 make that much of a difference probably.

18 TED: No, that would be beyond our capabilities --

19 CONTROL CENTER: Yeah.

20 TED: -- as opposed to a mile or two miles. We'd be  
21 more like -- if it's in between Marshall and the next downstream  
22 station.

23 CONTROL CENTER: Yeah, exactly, so --

24 TED: Stockbridge.

25 CONTROL CENTER: -- downstream of Marshal is where we're

1 looking, so --

2 TED: Okay. I'm going, I'm going to be spending most of  
3 the day looking at everything here.

4 CONTROL CENTER: Yeah, for sure.

5 TED: And I'll be checking in regularly, but if you have  
6 any questions give me a call directly please.

7 CONTROL CENTER: Yeah, no, for sure.

8 TED: Okay. Thanks Kelly.

9 CONTROL CENTER: Thanks.

10 TED: All right. Bye.

11 \* \* \*

12 **07\_26\_2010\_13:02:44\_EDT\_BRD\_2100\_CH\_030**

13 CONTROL CENTER: Control Center, Greg here.

14 LEONA: Greg, it's Leona and David. How's it going?

15 CONTROL CENTER: Oh, pretty good. You?

16 LEONA: Not bad. Greg, with this 6B shutdown?

17 CONTROL CENTER: Yeah.

18 LEONA: There's no need to keep 17 running max because  
19 we got no crude.

20 CONTROL CENTER: Okay. So do we --

21 LEONA: Cut to minimum.

22 CONTROL CENTER: Minimum?

23 LEONA: Yeah. We set it up for 12:00 to cut, so we're  
24 just going to string the inevitable out as long as we can. Doing  
25 it minimum looks like it keeps us going for a couple days.

1 CONTROL CENTER: Yeah. What's -- minimum is 385?

2 LEONA: 390 -- 385, 395 I think, yeah.

3 CONTROL CENTER: Okay. I'll cut her --

4 LEONA: Okay.

5 CONTROL CENTER: Okay. I'll cut her back.

6 LEONA: And we'll send a rev out as soon as we get a  
7 chance.

8 CONTROL CENTER: Okay.

9 LEONA: Thank you.

10 CONTROL CENTER: All right, bye.

11 LEONA: Bye.\* \* \*

12 **07\_26\_2010\_13:03:36\_EDT\_BRD\_2100\_CH\_014**

13 CONTROL CENTER: Control Center.

14 DAN: Line 4?

15 CONTROL CENTER: Yeah.

16 DAN: Hi. Dan here at Loreburn.

17 CONTROL CENTER: Okay.

18 DAN: Your 43 is reset.

19 CONTROL CENTER: Sounds good.

20 DAN: And it went down on overload, eh.

21 CONTROL CENTER: On overload?

22 DAN: Yep.

23 CONTROL CENTER: Okay.

24 DAN: So it must have been pushing somewhere up around  
25 the 700 amps.

1 CONTROL CENTER: Oh, okay. I'll keep that one off then.

2 DAN: Whatever you guys decide.

3 CONTROL CENTER: Yeah.

4 DAN: It'll blow one of these days.

5 CONTROL CENTER: Oh, yeah, I know. I wanted to have  
6 three units there because of just the pressure upstream of it to  
7 pull away, but I guess they just can't --

8 DAN: We went through this last weekend with the other  
9 guy operating it, too.

10 CONTROL CENTER: And what was that?

11 DAN: Well, you guys just -- they're asking for too much  
12 rate to go through here.

13 CONTROL CENTER: Oh, okay.

14 DAN: And 42 and 43 both locked out, so --

15 CONTROL CENTER: Oh.

16 DAN: Whatever you guys decide because one of these days  
17 you're going to be short one.

18 CONTROL CENTER: Yeah, I know. I'll just run like this.  
19 I wasn't aware. I just -- they tell me just to, to run max,  
20 right. In order to run max it's better to have three through  
21 there, but if we can't then --

22 DAN: Well --

23 CONTROL CENTER: -- I'll run max with out three there  
24 because I don't want to cause bigger problems than -- you know,  
25 because like I can make it work. It's just I have to run at a

1 higher pressure that's all.

2 DAN: Well, when the operator was on here last -- it was  
3 last Friday.

4 CONTROL CENTER: Yeah.

5 DAN: And he went through this stuff and he said he  
6 caught a couple waves when these things went down --

7 CONTROL CENTER: Um-hum.

8 DAN: -- that it was -- he didn't like it and it was  
9 getting pretty serious then, because with the stuff going on up  
10 ahead or upstream --

11 CONTROL CENTER: Yeah.

12 DAN: -- like Meldon and all that and Croward (ph.).

13 CONTROL CENTER: Yeah.

14 DAN: I guess it's -- it's scary, but --

15 CONTROL CENTER: Well, yeah it's -- like I'm only, I'm  
16 only 40 pounds away to go like from my line starting to control  
17 itself kind of thing, like LPM takeover is what it's called.

18 DAN: Um-hum.

19 CONTROL CENTER: So it's like it's tight in there,  
20 right. So it would be a lot better -- if we had Meldon unit 3  
21 back. Then it wouldn't be an issue at all.

22 DAN: Right.

23 CONTROL CENTER: It's that Meldon unit 3 that's really,  
24 really hurting us.

25 DAN: Yeah. And like -- yeah, like -- well --

1 CONTROL CENTER: Because Loreburn is not usually an  
2 issue. It's just Meldon unit 3. Without that unit it's better to  
3 run three at Loreburn to pull away the pressure or else you're  
4 running kind of like you said. It's like -- it gets a little  
5 scary when, when you get all those stations --

6 DAN: (indiscernible)

7 CONTROL CENTER: -- stacked up and then there's an upset  
8 and it's really -- it makes it really hard to fight an upset that  
9 way.

10 DAN: Yeah. Because right, right now you're dealing  
11 with the -- you're going to be dealing -- like right now it's a  
12 temperature issue.

13 CONTROL CENTER: Yeah.

14 DAN: And a voltage issue because the amps are well over  
15 700.

16 CONTROL CENTER: Oh, okay.

17 DAN: And, and we're only good for 580. Like 1 and 2  
18 right now are 580 to 600, which is all right.

19 CONTROL CENTER: You don't know anything about unit 3 at  
20 Meldon do you at all?

21 DAN: Nope.

22 CONTROL CENTER: Oh, okay. I guess -- yeah, I wasn't  
23 sure if you were out there too, but --

24 DAN: They're right next door, but that's all we know.

25 CONTROL CENTER: Oh, okay. That works for me.



1 DAN: All right.

2 CONTROL CENTER: Maybe I'll give them a call and see  
3 what they can tell me because -- normally we don't run three at  
4 Loreburn, right, because --

5 DAN: Yeah.

6 CONTROL CENTER: -- Meldon's working, but --

7 DAN: And it doesn't help here that we got the VFD going  
8 here, too, so --

9 CONTROL CENTER: Oh, yeah, that, that makes a huge  
10 difference too.

11 DAN: Or a control valve, so --

12 CONTROL CENTER: Yeah, so -- or -- yeah, everything is  
13 just (indiscernible).

14 DAN: Yes. Like right now it's -- it's you and I that,  
15 that -- the scheduling guy he says you do max rate, max rate.  
16 Well, you can't.

17 CONTROL CENTER: No.

18 DAN: With what we got you can't do it.

19 CONTROL CENTER: It just packs in there and packs in  
20 there and -- yeah, definitely --

21 DAN: And I'm afraid one of these times if we get  
22 another overload that we might lose the motor for good. Then you  
23 will be without.

24 CONTROL CENTER: Exactly. We'll be without --

25 DAN: Yep.

1 CONTROL CENTER: -- nothing there.

2 DAN: You bet.

3 CONTROL CENTER: But I'm going to keep it -- I'll, I'll  
4 leave a note on the station --

5 DAN: Yeah.

6 CONTROL CENTER: -- not to run three units there. I'll  
7 just say try not to because you'll get an overload and they just  
8 won't do that.

9 DAN: Yep.

10 CONTROL CENTER: Sounds good.

11 DAN: All right.

12 CONTROL CENTER: Thank you.

13 DAN: Have a good day.

14 CONTROL CENTER: Yes, you too. Bye.

15 DAN: Bye.

16 \* \* \*

17 **07\_26\_2010\_13:04:53\_EDT\_BRD\_9000\_CH\_003**

18 CONTROL CENTER: Enbridge Pipeline emergency phone. Go  
19 ahead with your pipeline emergency.

20 MR. NORTON: Yes. My name is Steve Norton and I work  
21 with the Michigan Department of Natural Resources and Environment.  
22 And I'm calling there in regards to a pipeline break in Marshall,  
23 Michigan.

24 CONTROL CENTER: Okay. And what was your name, sir?

25 MR. NORTON: Are you aware of that one already?

1 CONTROL CENTER: What was your name, sir?

2 MR. NORTON: Steve Norton, N-o-r-t-o-n.

3 CONTROL CENTER: Norton. Yes, I am, yeah.

4 MR. NORTON: Okay. Do you have anybody on site?

5 CONTROL CENTER: We do, yeah.

6 MR. NORTON: Okay.

7 CONTROL CENTER: Can I get your name and number? Did  
8 you want somebody to give you a call back or --

9 MR. NORTON: Yeah, I sure would like that. It is [REDACTED]

10 [REDACTED]

11 CONTROL CENTER: Okay. And that's your cell or is that  
12 your office number?

13 MR. NORTON: That's the office number. I'll be here.

14 CONTROL CENTER: You'll be there? Okay. I will get,  
15 get somebody to give you a call back there, Steve.

16 MR. NORTON: Okay.

17 CONTROL CENTER: Thank you very much.

18 MR. NORTON: Thanks.

19 CONTROL CENTER: Bye-bye.

20 MR. NORTON: Bye.

21 \* \* \*

22 **07\_26\_2010\_13:07:11\_EDT\_BRD\_2100\_CH\_044**

23 RECORDING: -- office of Tom Fridel. I'm presently  
24 unavailable to take your call. Please leave a message after the  
25 tone or press 0 for personal assistance. Thank you.

1 Record your message at the tone. When you are --

2 \* \* \*

3 **07\_26\_2010\_13:08:20\_EDT\_BRD\_2100\_CH\_014**

4 CONTROL CENTER: Control Center.

5 ROB: Line 4. It's Rob at Glenboro.

6 CONTROL CENTER: Yeah.

7 ROB: Just letting you know I'm inside the ESB for  
8 another few minutes here. I'll give you a call when I'm done.

9 CONTROL CENTER: Sounds good. Thank you for the call.

10 ROB: Bye.

11 CONTROL CENTER: Bye.

12 \* \* \*

13 **07\_26\_2010\_13:09:03\_EDT\_BRD\_2100\_CH\_044**

14 TOM: Hello?

15 CONTROL CENTER: Hi, Tom.

16 TOM: Yes.

17 CONTROL CENTER: It's Kelly here again. Did you want me  
18 to talk to Bill? You still driving?

19 TOM: Go ahead. We got you on speaker.

20 CONTROL CENTER: Okay. I just got another call from the  
21 DNR. This time it was a Steve Norton.

22 TOM: Okay.

23 CONTROL CENTER: He's in the office, so he must be -- he  
24 must work with Brian. I'm not too sure, but I have his number if  
25 somebody wants to give him a call back.

1 TOM: Steve Norton?

2 CONTROL CENTER: Steve Norton, correct, yeah.

3 TOM: Okay.

4 CONTROL CENTER: His number is [REDACTED]--

5 TOM: [REDACTED]

6 CONTROL CENTER: -- [REDACTED] --

7 TOM: [REDACTED]

8 CONTROL CENTER: -- [REDACTED]

9 TOM: [REDACTED] And he's DNR?

10 CONTROL CENTER: DNR he said, yeah.

11 TOM: Okay.

12 CONTROL CENTER: So I think that Brian Fish was on,

13 onsite, I believe, and I think this Steve Norton says he's in the

14 office, so --

15 TOM: Right. Yeah, I, I just talked with Brian Fish a

16 little while ago, so --

17 CONTROL CENTER: Yeah.

18 TOM: All right. I'll give him a call.

19 CONTROL CENTER: So obviously the DNR is aware of the

20 situation now I guess?

21 TOM: Yeah --

22 CONTROL CENTER: Okay.

23 TOM: -- even though we haven't reported it to DNR yet.

24 CONTROL CENTER: Yeah.

25 TOM: I'm not exactly sure how they got wind of it, but

1 they did.

2 CONTROL CENTER: Yeah, maybe from Consumers maybe or  
3 something like that. Yeah, I'm not sure.

4 TOM: I think there were a lot of complaints from the  
5 landowners.

6 CONTROL CENTER: Yeah, for sure.

7 TOM: Okay. Well, we got to go.

8 CONTROL CENTER: Okay. Thanks guys.

9 TOM: Thank you. Bye.

10 \* \* \*

11 **07\_26\_2010\_13:09:29\_EDT\_BRD\_2100\_CH\_023**

12 UNIDENTIFIED SPEAKER: Hey, Ted.

13 TED: Hey.

14 UNIDENTIFIED SPEAKER: Confirmed leak --

15 TED: Yeah.

16 UNIDENTIFIED SPEAKER: -- Line 6, and I don't have  
17 anything else right now. They're kind of counting like all that  
18 stuff they were pumping in, in those two startups, assuming that  
19 that's leaked out right now.

20 TED: Okay.

21 UNIDENTIFIED SPEAKER: I don't know if that's true or  
22 not. They're onsite. They think it's really, really close to  
23 Marshall, maybe a quarter of a mile or so downstream.

24 TED: Okay.

25 UNIDENTIFIED SPEAKER: And they haven't investigated

1 anything before the shutdown yesterday, and -- but my, the way I  
2 look at it, I think the leak was there on the shutdown because of  
3 the 0 pounds at Marshall. That's my hunch, and I want to see if  
4 there's any kind of indication of something going on before the  
5 shutdown yesterday. There was really no response. The CCO  
6 display was 0 leading up to the shutdown. But I don't -- I still  
7 want to take a look --

8 TED: Okay.

9 UNIDENTIFIED SPEAKER: -- to see if there is anything  
10 that maybe we should have seen.

11 TED: Okay. Sounds good. For the column separation on  
12 line shutdown yesterday, like is there anything we could have done  
13 other than telling them there was that column separation?

14 UNIDENTIFIED SPEAKER: No, I don't think so.

15 TED: Okay.

16 UNIDENTIFIED SPEAKER: That's normal I'd say if you have  
17 0 pounds. You know, you have a column separation. You can't  
18 really tell if there's a leak happening. You can't really tell.

19 TED: Okay. Fair enough.

20 UNIDENTIFIED SPEAKER: Okay.

21 TED: And so they're thinking that all of that oil is  
22 out on the ground, hey?

23 UNIDENTIFIED SPEAKER: That's what they're assuming  
24 right now.

25 TED: All right.

1 UNIDENTIFIED SPEAKER: It's still early to tell. We  
2 don't know how bad it is. We don't know when it started. So I  
3 know it's sometimes hard to get information when they're busy  
4 doing their first response.

5 TED: Yeah, I know.

6 UNIDENTIFIED SPEAKER: Or first priority for getting  
7 information from them like thoughts on when it started is hard to  
8 get. So I'm just going to do my own analysis and I'll be checking  
9 in regularly with the CCOC.

10 TED: Okay. Sounds good.

11 UNIDENTIFIED SPEAKER: And ask for info and sharing it.  
12 I'll send something on later today. If you hear anything notable,  
13 please give me a call.

14 TED: Yeah, for sure, and if you've got anything I can  
15 look at to kind of see what it would look like, let me know --

16 UNIDENTIFIED SPEAKER: Okay.

17 TED: -- because obviously that's going to be probably a  
18 bigger leak, right?

19 UNIDENTIFIED SPEAKER: Well, I think the volume out can  
20 be big because of the two failed startups but it's like how long  
21 was it going before that? It's like was it a big leak before?  
22 Which I really don't think so.

23 TED: Yeah.

24 UNIDENTIFIED SPEAKER: It may have been a small one that  
25 was running for a while before that, and that's probably the



1 hardest part here is to figure that out.

2 TED: Okay. Sounds good. And it was confirmed that it  
3 is the Marshall Station, like it is Enbridge Oil?

4 UNIDENTIFIED SPEAKER: They're 99 percent sure.

5 TED: Okay. The last I heard, they still weren't but  
6 that was I think before you probably talked to them, I'm sure.

7 UNIDENTIFIED SPEAKER: Uh-huh.

8 TED: Okay. Sounds good.

9 UNIDENTIFIED SPEAKER: Okay.

10 TED: I'll let you know if I hear anything.

11 UNIDENTIFIED SPEAKER: Thank you.

12 TED: Right. Thanks.

13 UNIDENTIFIED SPEAKER: Talk to you later.

14 TED: Bye.

15 UNIDENTIFIED SPEAKER: Bye.

16 \* \* \*

17 **07\_26\_2010\_13:15:35\_EDT\_BRD\_9000\_CH\_003**

18 CONTROL CENTER: Enbridge Pipeline, emergency line.

19 UNIDENTIFIED SPEAKER: How you doing?

20 CONTROL CENTER: Good.

21 UNIDENTIFIED SPEAKER: Is this Enbridge?

22 CONTROL CENTER: Yeah.

23 UNIDENTIFIED SPEAKER: I just wanted to -- like I sold  
24 my house.

25 CONTROL CENTER: Okay.

1 UNIDENTIFIED SPEAKER: So I need to change my address  
2 and get my meter read, that kind of a thing I guess.

3 CONTROL CENTER: Okay. You're in Toronto?

4 UNIDENTIFIED SPEAKER: Mississauga.

5 CONTROL CENTER: Could I give you a different number.  
6 This is the oil pipeline emergency number.

7 UNIDENTIFIED SPEAKER: Oh, okay. Yeah.

8 CONTROL CENTER: [REDACTED]

9 UNIDENTIFIED SPEAKER: Yeah.

10 CONTROL CENTER: [REDACTED]

11 UNIDENTIFIED SPEAKER: Yeah.

12 CONTROL CENTER: -- [REDACTED].

13 UNIDENTIFIED SPEAKER: All right. Thank you.

14 CONTROL CENTER: Okay. Bye.

15 \* \* \*

16 **07\_26\_2010\_13:17:04\_EDT\_BRD\_2100\_CH\_014**

17 CONTROL CENTER: Control Center.

18 ROB: Hey, Line 4. It's Rob at Glenboro.

19 CONTROL CENTER: Yeah.

20 ROB: I'm just needing a density and flow rate again.

21 I'm starting to be a pain in the [REDACTED].

22 CONTROL CENTER: No problem. That's what I'm here for.

23 I've got 926 --

24 ROB: Uh-huh.

25 CONTROL CENTER: -- for density and flow rate is 5600.

1           ROB: 5600. Okay. Thank you. And I'm done in the ESB  
2 here.

3           CONTROL CENTER: Sounds good.

4           ROB: Thanks. Bye.

5           CONTROL CENTER: Bye.

6                           \* \* \*

7           **07\_26\_2010\_13:17:23\_EDT\_BRD\_9000\_CH\_003**

8           CONTROL CENTER: Enbridge Pipeline, emergency phone. Go  
9 ahead with your pipeline emergency.

10           UNIDENTIFIED SPEAKER: They gave me another number and I  
11 called and it sent me through the same emergency crap. I just  
12 want customer service.

13           CONTROL CENTER: Okay. Did you try [REDACTED]?

14           UNIDENTIFIED SPEAKER: No, I never even tried that.  
15 I'll try that, [REDACTED]--

16           CONTROL CENTER: Enbridge, yep.

17           UNIDENTIFIED SPEAKER: All right.

18           CONTROL CENTER: Thank you. Bye.

19                           \* \* \*

20           **07\_26\_2010\_13:28:18\_EDT\_BRD\_2100\_CH\_044**

21           CONTROL CENTER: Control Center, Kelly here.

22           JENNIFER: Hey, Kelly. It's Jennifer calling.

23           CONTROL CENTER: Hey there, Jennifer.

24           JENNIFER: How's it going?

25           CONTROL CENTER: Well, not too bad. You?

1           JENNIFER: Oh, not too bad. Brad had left me a message,  
2 but I was in a couple meetings this morning and I've already got  
3 the --

4           CONTROL CENTER: You all know?

5           JENNIFER: -- the good news about 6B. Yeah.

6           CONTROL CENTER: Yeah.

7           JENNIFER: So --

8           CONTROL CENTER: What do you know?

9           JENNIFER: -- we're just going to evaluate right now. I  
10 think they've put 17 on minimum, so it's looking like you can  
11 probably keep that line going without shutdown, but --

12          CONTROL CENTER: Okay.

13          JENNIFER: -- I am suspecting we'll have to cut rate or  
14 even shut down 6A.

15          CONTROL CENTER: Everything coming into Griffith  
16 probably.

17          JENNIFER: Yeah. We're going to offload some heavies  
18 onto 14 possibly at Superior, but --

19          CONTROL CENTER: Yeah.

20          JENNIFER: -- they're just working through that right  
21 now, so --

22          CONTROL CENTER: Okay.

23          JENNIFER: Yeah.

24          CONTROL CENTER: So you got my e-mail?

25          JENNIFER: Yeah.

1 CONTROL CENTER: It wasn't the biggest of updates. We  
2 still don't know a lot.

3 JENNIFER: Okay.

4 CONTROL CENTER: But there -- I guess early estimates  
5 from the field is --

6 JENNIFER: It's only an hour --

7 CONTROL CENTER: -- at least, at least 2 days kind of  
8 thing.

9 JENNIFER: So this -- it's actually upstream of  
10 Stockbridge, correct?

11 CONTROL CENTER: Upstream of Stockbridge, correct, yeah.

12 JENNIFER: Okay. Why couldn't it be downstream?

13 CONTROL CENTER: I know. I know.

14 JENNIFER: So we could keep pushing a little bit.

15 CONTROL CENTER: Yeah. So, yeah, Griffith's going to be  
16 affected big time.

17 JENNIFER: That's 48 hours from like 2:00 this morning  
18 or is that 48 hours from --

19 CONTROL CENTER: From just a while ago, you know, like  
20 an hour or two ago.

21 JENNIFER: (indiscernible)

22 CONTROL CENTER: And that's just an early estimate. It  
23 could be more.

24 JENNIFER: Let me just see what time Ken put in there  
25 because I think they might have put 48 hours in based on when the

1 line shut down.

2 CONTROL CENTER: Yeah. Well, I'd be -- I'd start  
3 looking even more than that possibly. We can plan on that, but  
4 yeah, it could be more than that. This is -- yeah.

5 JENNIFER: So it's like the 28th right now at like noon.

6 CONTROL CENTER: Yep.

7 JENNIFER: Right?

8 CONTROL CENTER: Yep. And that's -- like I said, that's  
9 just the early estimates, right. It could be -- it could very  
10 well -- it could be more.

11 JENNIFER: Okay. Well, I'm going to get them -- because  
12 I think they put it in for the morning of the 28th so I'm going to  
13 get them to put it to like noon. Because if you're saying it's 48  
14 hours from when you sent this.

15 CONTROL CENTER: Yeah.

16 JENNIFER: Okay.

17 CONTROL CENTER: All righty.

18 JENNIFER: All right. Thanks, Kelly.

19 CONTROL CENTER: Thanks, Jennifer.

20 JENNIFER: Okay.

21 CONTROL CENTER: Bye-bye.

22

23 \* \* \*

24 **07\_26\_2010\_13:26:44\_EDT\_BRD\_2100\_CH\_038**

25 (Unrelated to Enbridge.)

\* \* \*

07\_26\_2010\_13:30:37\_EDT\_BRD\_2100\_CH\_044

CONTROL CENTER: Control Center, Kelly speaking.

MR. BURDEAU: Hey, Kelly. This is Bill Burdeau. Can you give me Brian Fox's number up at (indiscernible)?

CONTROL CENTER: Okay. One second.

MR. BURDEAU: You better give me both landline and cell.

CONTROL CENTER: Sorry. That was office and cell you said?

MR. BURDEAU: Yes.

CONTROL CENTER: Okay. Sorry. This is going to take a bit. Our Lotus Notes are being slow here. All right. So his office phone number --

MR. BURDEAU: Yes.

CONTROL CENTER: -- is [REDACTED] --

MR. BURDEAU: [REDACTED]

CONTROL CENTER: -- [REDACTED] --

MR. BURDEAU: [REDACTED]

CONTROL CENTER: -- [REDACTED]

MR. BURDEAU: [REDACTED]

CONTROL CENTER: And his cell phone is [REDACTED]

MR. BURDEAU: [REDACTED]

CONTROL CENTER: -- [REDACTED]

MR. BURDEAU: [REDACTED]

CONTROL CENTER: Yeah, and he's also got a pager if you

1 want that too.

2 MR. BURDEAU: Sure.

3 CONTROL CENTER: [REDACTED] --

4 MR. BURDEAU: [REDACTED]

5 CONTROL CENTER: -- [REDACTED]

6 MR. BURDEAU: -- [REDACTED] Very good.

7 CONTROL CENTER: Okay. Thanks, Bill.

8 MR. BURDEAU: That's what I needed for now. Thanks.

9 CONTROL CENTER: Bye-bye.

10 \* \* \*

11 **07\_26\_2010\_13:33:35\_EDT\_BRD\_9000\_CH\_003**

12 CONTROL CENTER: Enbridge Pipeline's emergency line.

13 UNIDENTIFIED SPEAKER: Oh, I'm so sorry. I dialed the  
14 wrong number.

15 CONTROL CENTER: Okay. Thanks.

16 UNIDENTIFIED SPEAKER: My apology.

17 CONTROL CENTER: Bye.

18 UNIDENTIFIED SPEAKER: Bye.

19 \* \* \*

20 **07\_26\_2010\_13:34:35\_EDT\_BRD\_2100\_CH\_030**

21 CONTROL CENTER: Control Center, Greg here.

22 KEN: Hey, Greg. It's Ken calling. I thought I could  
23 give you a heads up because of that shutdown on 6B. We're  
24 dropping to minimum at 11:00 today.

25 CONTROL CENTER: On 6A?



1 KEN: Yeah, on 6A.

2 CONTROL CENTER: Okay.

3 KEN: And then we're going to put in a shutdown  
4 tomorrow, but we'll put, we'll put that all in and then you should  
5 see it on the pump orders.

6 CONTROL CENTER: Okay.

7 KEN: But I'll give you a heads up like once in  
8 (indiscernible). If you can drop to minimum --

9 CONTROL CENTER: At --

10 KEN: -- at 11:00.

11 CONTROL CENTER: At 11:00, okay.

12 KEN: (indiscernible). Okay. Thanks, man.

13 CONTROL CENTER: All right, bye.

14 \* \* \*

15 **07\_26\_2010\_13:44:14\_EDT\_BRD\_2100\_CH\_023**

16 (Unrelated to Enbridge.)

17 \* \* \*

18 **07\_26\_2010\_13:45:12\_EDT\_BRD\_9000\_CH\_003**

19 CONTROL CENTER: Enbridge Pipeline's emergency phone.  
20 Go ahead with your pipeline emergency.

21 UNIDENTIFIED SPEAKER: Oh, I'm sorry. I'm just trying  
22 to find a general phone number to call in Ontario to talk to  
23 someone in Enbridge, but I can't find your number anywhere.

24 CONTROL CENTER: Try --

25 UNIDENTIFIED SPEAKER: It's nowhere.

1 CONTROL CENTER: -- [REDACTED].

2 UNIDENTIFIED SPEAKER: [REDACTED]. Okay. Thank you.

3 CONTROL CENTER: All right. Bye-bye.

4 \* \* \*

5 **07\_26\_2010\_13:47:32\_EDT\_BRD\_2100\_CH\_014**

6 CONTROL CENTER: Control Center.

7 UNIDENTIFIED SPEAKER: Hi, I've got a pig 2 update.

8 CONTROL CENTER: All right.

9 UNIDENTIFIED SPEAKER: Milepost 652, it came in at  
10 10:45.

11 CONTROL CENTER: 10:45. Perfect.

12 UNIDENTIFIED SPEAKER: All right. Thank you very much.

13 CONTROL CENTER: Yeah. Thank you. Bye.

14 UNIDENTIFIED SPEAKER: Bye.

15 \* \* \*

16 **07\_26\_2010\_13:49:12\_EDT\_BRD\_2100\_CH\_044**

17 CONTROL CENTER: Control Center, Kelly speaking.

18 MR. KOLBUCK: Hi, Kelly. This is Vince calling from  
19 Enbridge in Griffith. Any indication what crude type that was?

20 CONTROL CENTER: Yeah, just one second here.

21 (On hold.)

22 CONTROL CENTER: Hey, Vince.

23 MR. KOLBUCK: Yes.

24 CONTROL CENTER: It's Cold Lake 719.

25 MR. KOLBUCK: Cold Lake 719.

1 CONTROL CENTER: Yes.

2 MR. KOLBUCK: Cold Lake 719. Okay. Very good. Thank  
3 you.

4 CONTROL CENTER: All right. Thank you.

5 MR. KOLBUCK: Bye.

6 CONTROL CENTER: Bye.

7 \* \* \*

8 **07\_26\_2010\_13:55:30\_EDT\_BRD\_2100\_CH\_023**

9 CONTROL CENTER: Enbridge, Kelthy speaking.

10 BRAD: Yeah, Kelthy, this is Brad at [REDACTED].

11 CONTROL CENTER: Hey.

12 BRAD: Hey. I'm fixing to shut down there at Griffith  
13 for probably 5 or 6 hours.

14 CONTROL CENTER: Oh.

15 BRAD: We have some full tank issues at the refinery.

16 CONTROL CENTER: Okay.

17 BRAD: I just wanted to let you know. You don't have  
18 anything running to me, do you?

19 CONTROL CENTER: What do you mean by that?

20 BRAD: (Indiscernible).

21 CONTROL CENTER: No, no, I don't. Yeah, no.

22 BRAD: Okay.

23 CONTROL CENTER: All right.

24 BRAD: Okay.

25 CONTROL CENTER: Okay. Thanks.

1 BRAD: Thanks. No problem.

2 CONTROL CENTER: Bye.

3 \* \* \*

4 **07\_26\_2010\_13:57:18\_EDT\_BRD\_2100\_CH\_023**

5 DAVE: Griffith desk, Dave speaking.

6 KELTHY: Hey, Dave, it's Kelthy (ph.), your favorite  
7 Griffith operator.

8 DAVE: Number one.

9 KELTHY: Yeah. I just got a heads up from [REDACTED].  
10 They're shutting down for 5 to 6 hours because they're full on  
11 their end.

12 DAVE: From [REDACTED].

13 KELTHY: Yeah, so I'm letting you know that that  
14 schedule you send out for us, the times, the delivery --

15 DAVE: For [REDACTED] --

16 KELTHY: Are waiting. Yeah, we call them [REDACTED], too.

17 DAVE: Okay.

18 KELTHY: Sorry.

19 DAVE: They're shutting down.

20 KELTHY: Yes, for 5 to 6 hours because they're full.

21 DAVE: Wow.

22 KELTHY: I know. Like our only source of outgoing right  
23 now.

24 DAVE: So I guess everything in that schedule will be  
25 shifted back that time then.

1           KELTHY: Probably, yeah.

2           DAVE: Okay. And maybe like I have a contact there. So  
3 maybe I'll give them a call and get --

4           KELTHY: Get them to confirm.

5           DAVE: -- yeah, an updated scheduled or something, too.

6           KELTHY: Okay. Sounds good, but I thought I'd let you  
7 know.

8           DAVE: Yeah, thanks for the heads up.

9           KELTHY: No problem.

10          DAVE: Bye.

11          KELTHY: Bye.

12                           \* \* \*

13           **07\_26\_2010\_13:58:42\_EDT\_BRD\_2100\_CH\_044**

14          CONTROL CENTER: Control Center, Kelly speaking.

15          UNIDENTIFIED SPEAKER: Hi, Kelly. Could I please have  
16 the daily rate loss rundown reports?

17          CONTROL CENTER: Okay. Sure.

18          UNIDENTIFIED SPEAKER: All right. Thank you.

19          CONTROL CENTER: Thank you. Bye-bye.

20                           \* \* \*

21           **07\_26\_2010\_14:03:51\_EDT\_BRD\_2100\_CH\_030**

22          GREG: Hey.

23          CONTROL CENTER: Hey, got her now. Greg?

24          GREG: Yeah.

25          CONTROL CENTER: Yeah, I got it now.

1 GREG: Oh, did you. Yeah, no, I didn't put in the  
2 amount. He was in there, but I forgot to put the amount.

3 CONTROL CENTER: Oh, gotcha.

4 GREG: So that probably doesn't show up unless you put  
5 the amount in.

6 CONTROL CENTER: That's right, yeah. Thank you.

7 GREG: All right.

8 CONTROL CENTER: Bye.

9 \* \* \*

10 **07\_26\_2010\_14:04:40\_EDT\_BRD\_2100\_CH\_030**

11 CONTROL CENTER: Control Center, Greg here.

12 MR. RICHARDS: Hey, Greg. Curt Richards. On Line 6B,  
13 you got any status on that? Are they going to do anything with it  
14 today, the rest of the day or not?

15 CONTROL CENTER: What do you mean? Like we're shut down  
16 now.

17 MR. RICHARDS: Right. But they tried to start it a  
18 couple of times and it didn't work. So I was just -- we're in the  
19 middle of welding. I just want to get a heads up if they're going  
20 to --

21 CONTROL CENTER: No, we'll be down all day.

22 MR. RICHARDS: It'll be down all day.

23 CONTROL CENTER: Yeah, we have a leak on the line.

24 MR. RICHARDS: Okay. Thanks a lot, Greg.

25 CONTROL CENTER: All right. Bye.

1

\* \* \*

2

**07\_26\_2010\_14:07:19\_EDT\_BRD\_2100\_CH\_030**

3

CONTROL CENTER: Hi, Matt. It's Greg here. How you  
4 doing?

5

MATT: Good, sir.

6

CONTROL CENTER: Hey, I'm going to be slowing down Line  
7 6A. Are you guys working on the pipe or anything?

8

MATT: No, no, we're good. In fact, we're at lunch  
9 right now. So you go ahead and slow her on down.

10

CONTROL CENTER: Okay. I will do so. And do you need a  
11 call back or how long are you usually at lunch for?

12

MATT: Oh, probably -- well, we just come out here.  
13 Probably about 30 minutes.

14

CONTROL CENTER: Okay. Yeah. I won't bother calling  
15 you back because I'll be steady by then.

16

MATT: Okay. That's fine.

17

CONTROL CENTER: Yeah.

18

MATT: Okay. That sounds good.

19

CONTROL CENTER: All right. Talk to you later, Matt.

20

MATT: Thanks. Great.

21

CONTROL CENTER: Bye.

22

MATT: Talk to you later one. Bye.

23

\* \* \*

24

**07\_26\_2010\_14:14:33\_EDT\_BRD\_2100\_CH\_023**

25

CONTROL CENTER: Enbridge, Kelthy speaking.

1 GREG: Hey, Kelthy. How you doing? This is Greg down  
2 in Oregon.

3 CONTROL CENTER: Hey, how's it going?

4 GREG: Not bad. Hey, I was just wondering, did this  
5 rate slow down? Is this for good or is this just temporary?

6 CONTROL CENTER: Well, I guess it's kind of temporary.  
7 In 2 hours, we're going to [REDACTED].

8 GREG: Oh, okay. So it's not -- because it was  
9 originally going to be in at [REDACTED] at 3:00.

10 CONTROL CENTER: Right.

11 GREG: Jennifer Scott here, I was just checking because  
12 I was down here to do checks and I just got done with my Oregon  
13 sample that came in and it's slowing down. It's 2 more hours. So  
14 I was just wondering if it was just a hiccup or if it's going to  
15 be the full 2 hours then.

16 CONTROL CENTER: Yeah, it will, yeah.

17 GREG: Okay.

18 CONTROL CENTER: Yeah.

19 GREG: All right. Well, I'll go to Semaria (ph.) and do  
20 samples and wait for it to get there, and then I'm going to do  
21 checks. So I'll give you a call before I do them and go through  
22 all 4 meters and everything.

23 CONTROL CENTER: Perfect. Sounds like a plan.

24 GREG: Okay. All right. Thank you.

25 CONTROL CENTER: Thank you. Bye.



1 GREG: Bye now.

2 \* \* \*

3 **07\_26\_2010\_14:14:53\_EDT\_BRD\_2100\_CH\_014**

4 CONTROL CENTER: Line 4.

5 LEE: Hi, how's it going?

6 CONTROL CENTER: Good. How about you?

7 LEE: Good, thanks. This is Lee with the Cromer  
8 (indiscernible) crew. We're at Milepost 681 today. We're doing a  
9 little bit of welding on the sleeve, and we're actually done  
10 there. So you can mark us off your list.

11 CONTROL CENTER: Okay. Lee's all done for the day.  
12 Perfect.

13 LEE: All right. Thanks.

14 CONTROL CENTER: Thank you.

15 LEE: Okay. Bye.

16 CONTROL CENTER: Have a good one. Bye.

17 \* \* \*

18 **07\_26\_2010\_14:19:07\_EDT\_BRD\_2100\_CH\_014**

19 CONTROL CENTER: Control Center.

20 TOM: How you doing today?

21 CONTROL CENTER: Good. How about you?

22 TOM: Good. Tom here from Glenboro Station.

23 CONTROL CENTER: Yeah.

24 TOM: We just finished preloading a pig and I got the  
25 three trap valves locked out.

1 CONTROL CENTER: Okay.

2 TOM: I'm going to keep them locked out for the night,  
3 if that's all right.

4 CONTROL CENTER: You guys are going to launch another  
5 pig tomorrow?

6 TOM: Yep, another two.

7 CONTROL CENTER: Okay. Let me take a look. So they're  
8 -- we're not flowing through the trap door, right? We're flowing  
9 through 4SSV1, right?

10 TOM: Right, yep.

11 CONTROL CENTER: I --

12 TOM: I've got the trap pressurized though and one valve  
13 cracked --

14 CONTROL CENTER: Okay.

15 TOM: -- to keep it pressurized for the morning.

16 CONTROL CENTER: Okay. And 4SSV1 is locked open though?

17 TOM: Yes, that's locked open.

18 CONTROL CENTER: Like 100 percent open?

19 TOM: 100 percent open, yep.

20 CONTROL CENTER: I've just got to make sure I hear that,  
21 and then we're good.

22 TOM: Yep, it's all good.

23 CONTROL CENTER: Sounds good.

24 TOM: Perfect, man. Thanks a lot.

25 CONTROL CENTER: Thank you.

1 TOM: Okay. Bye.

2 CONTROL CENTER: Bye.

3 \* \* \*

4 **07\_26\_2010\_14:24:06\_EDT\_BRD\_2100\_CH\_030**

5 EVAN: Hello.

6 CONTROL CENTER: Hey, Evan.

7 EVAN: Hey.

8 CONTROL CENTER: It's Greg here on 3. Hey, I was  
9 wondering if you could stop work for like about 2 minutes. I've  
10 just got to switch a unit at Linebank.

11 EVAN: For sure. We're down for lunch right now anyway.

12 So --

13 CONTROL CENTER: Okay. And how long are you going to be  
14 down for?

15 EVAN: Probably another 15, 20.

16 CONTROL CENTER: Okay. I won't bother calling you back  
17 because I'll be done with in a couple of minutes.

18 EVAN: It'll be --

19 CONTROL CENTER: Yep.

20 EVAN: Sounds good.

21 CONTROL CENTER: All right. Thanks, Evan.

22 EVAN: Okay. Thanks.

23 \* \* \*

24 **07\_26\_2010\_14:25:25\_EDT\_BRD\_2100\_CH\_044**

25 CONTROL CENTER: Control Center, Kelly speaking.



1 CONTROL CENTER: Yeah, we do. There's a leak on 6.

2 MR. STUBBIN: Oh, is there.

3 CONTROL CENTER: Yeah.

4 MR. STUBBIN: What part of the world are we talking?

5 CONTROL CENTER: Marshall Station.

6 MR. STUBBIN: Marshall Station.

7 CONTROL CENTER: Yeah, well, yeah. Not station, it's  
8 downstream.

9 MR. STUBBIN: Downstream of the station.

10 CONTROL CENTER: Yeah.

11 MR. STUBBIN: Oh, okay. I just got a call to gear up  
12 my guys for potentially coming over to help I guess. So --

13 CONTROL CENTER: Yeah, I'm not sure how bad it is but --

14 MR. STUBBIN: You haven't had a report on what it is?

15 CONTROL CENTER: No, I think there's quite a bit.

16 MR. STUBBIN: Really.

17 CONTROL CENTER: Yeah.

18 MR. STUBBIN Okay. So it's just past --

19 CONTROL CENTER: Just down and like half a mile  
20 downstream of Marshall.

21 MR. STUBBIN: Oh, really, really.

22 CONTROL CENTER: Yeah.

23 MR. STUBBIN: Okay. Well, I won't bother you any more.

24 CONTROL CENTER: All right.

25 MR. STUBBIN: Okay.

1 CONTROL CENTER: You have a good one.

2 MR. STUBBIN: Yeah, bye.

3 CONTROL CENTER: Bye.

4 \* \* \*

5 **07\_26\_2010\_14:31:57\_EDT\_BRD\_2100\_CH\_023**

6 (Unrelated to Enbridge.)

7 \* \* \*

8 **07\_26\_2010\_14:32:41\_EDT\_BRD\_2100\_CH\_023**

9 SHANE: Hey, Ted. How's it going?

10 TED: Not too bad. You.

11 SHANE: Pretty good.

12 TED: Is there any kind of notes there about Stockbridge  
13 holding pressure?

14 SHANE: Stockbridge holding pressure. Are you talking  
15 about from the operators themselves?

16 TED: No, I mean -- it was turned on yesterday during  
17 the long shutdown. I think it got fixed. It had been frozen for  
18 about 4 days, and it was poked on yesterday, and the response is  
19 not frozen every since it got poked on and I don't see any notes  
20 of it thought in the alarm reports. And

21 SHANE: Tomorrow or sorry, yesterday you know what time  
22 around?

23 TED: I -- do you guys keep a whiteboard down there with  
24 stuff on it, right?

25 SHANE: Yeah, we do. I don't see anything on there

1     though.

2                   TED:   It probably would have been erased after it was  
3     poked back on.

4                   SHANE:  Yeah.

5                   TED:  Yeah, I think Jim turned it back on.  I wonder if  
6     it's just by coincidence it happened to get fixed within hours of  
7     us having a leak that we didn't know about.

8                   SHANE:  Yeah, okay.  Yeah.  No, we have no record of  
9     that at all, and I never heard that in the (indiscernible) this  
10    morning.

11                  TED:  No.  Okay.  It would have happened yesterday  
12    afternoon.  I'm not sure if it was Jim or not.

13                  SHANE:  I was on yesterday afternoon.

14                  TED:  Oh, were you?

15                  SHANE:  But I didn't turn anything off on  
16    (indiscernible).

17                  TED:  Okay.  It looks like it was -- I don't know, I  
18    guess early evening.  Sometime after they shut down.

19                  SHANE:  Okay.  Because I know I got the call when they  
20    had that -- when they shut down and got the original  
21    (indiscernible).

22                  TED:  Yesterday.

23                  SHANE:  Yeah.

24                  TED:  Okay.  What did you say?

25                  SHANE:  Pardon me, sir.

1 TED: What did you say for that one?

2 SHANE: Well, I just let them know that the model was  
3 showing a column separation.

4 TED: Okay. All right. And there's no report though  
5 for that one.

6 SHANE: No, I actually didn't write that one up. I  
7 completely actually forgot that one. And it as only a 5 minute  
8 actually, when I looked at it. That's why I didn't write it up.

9 TED: Okay.

10 SHANE: I think column seps do need to even if they are  
11 5s, right? Either way, I'll look that up. That's no big deal.

12 TED: Okay. But that's when, right now, it looks like  
13 when the leak started was during that one.

14 SHANE: Okay.

15 TED: And, yeah, it was just -- we went to 0 pressure.  
16 The alarm cleared on its own, and so he said, it's caused by  
17 column separation.

18 SHANE: Yeah.

19 TED: Yeah. You can't really do much after that.

20 SHANE: Yeah, for sure.

21 TED: Okay.

22 SHANE: After that Stockbridge thing, I have no idea  
23 what would have happened there. Like I definitely didn't turn  
24 anything off in the model. If it was during dayshift. So I'm not  
25 sure if one of the engineers upstairs may have, but --



1 TED: What? Yesterday.

2 SHANE: Yeah, exactly. I can't --

3 TED: I wonder who was in. I was on call, too. Okay.  
4 1905, it was put back on.

5 SHANE: Okay. It was put back on that point. Okay.  
6 That was when Jim turned it back on, but when was it turned off?

7 TED: The 22nd.

8 SHANE: Okay.

9 TED: And there's no record of that on any Line 6 on the  
10 22nd. But it was frozen during that entire duration which is too  
11 bad because that was -- that's the first pressure transmitter  
12 downstream below the leak.

13 SHANE: Okay. So that definitely would have sucked up  
14 some of the diagnostics there, hey?

15 TED: Yeah, I think that -- I'm trying to run a test  
16 here. I think I'd call it, there's degradation. It's hard to say  
17 how much.

18 SHANE: Yeah.

19 TED: But I mean we alarmed in any case the column  
20 separation.

21 SHANE: Yeah.

22 TED: So what did the operators say when you told them  
23 it was column sep?

24 SHANE: He agreed. He said the pressures were very low  
25 in that region.

1 TED: It didn't ring a bell or anything?

2 SHANE: Pardon me.

3 TED: It didn't, it didn't cause any kind of concern?  
4 Because like to me that would be I would say, I've got a 0  
5 pressure where I normally have pressure, and both my suction and  
6 my discharge, that there's no pressure at all through that pump  
7 station.

8 SHANE: Yeah, I know. I guess in neither case that did  
9 that. I mean it just seen like the column sep there. I wasn't --  
10 I didn't notice the 0 pressure.

11 TED: No, I'm wondering if they, if they noticed it  
12 though?

13 SHANE: Oh, that I have no idea about. I can talk to  
14 them. It's a different shift today, but --

15 TED: No, I wouldn't talk to them. I know they'll be  
16 talking with the CCO engineers and so on about that. So we don't  
17 have to. I just wanted to know if they had said anything of note  
18 to you.

19 SHANE: No, no, they just mentioned that, you know, they  
20 agree and that was pretty much it.

21 TED: Okay. All right. Have you heard anything else  
22 going on down there?

23 SHANE: No, not yet. I haven't heard anything. I  
24 haven't even heard them working on it lately. So --

25 TED: Okay.

1 SHANE: -- I think the engineers might be taking it over  
2 at this point probably.

3 TED: All right. Well, I've got a call from Blaine. He  
4 just wanted to know if I'm going to be the point person. So if  
5 anybody comes asking for anything, just send them my way.

6 SHANE: Yep, I'll do that for sure.

7 TED: Good stuff.

8 SHANE: All right.

9 TED: Thanks, Shane.

10 SHANE: All right. Bye.

11 \* \* \*

12 **07\_26\_2010\_14:34:33\_EDT\_BRD\_2100\_CH\_044**

13 CONTROL CENTER: Revisions for Lines 6, 17, 61 and Line  
14 14; 6, 17, 61, 14. Thank you.

15 \* \* \*

16 **07\_26\_2010\_14:34:49\_EDT\_BRD\_2100\_CH\_044**

17 CONTROL CENTER: Control Center, Kelly here.

18 QUAN: Hey, Kelly. It's Quan.

19 CONTROL CENTER: Hey, Quan, how's it going?

20 QUAN: Hey, good. I just wanted to let you know I just  
21 sent out a revision for Line 11.

22 CONTROL CENTER: 11.

23 QUAN: Yep.

24 CONTROL CENTER: Perfect. Thanks, man.

25 QUAN: All right. Thanks. Bye.

\* \* \*

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**07\_26\_2010\_14:34:55\_EDT\_BRD\_2100\_CH\_035**

CONTROL CENTER: Darren, what's you doing?

DARREN: Just got off the golf course here.

CONTROL CENTER: Oh, yeah. Are you done?

DARREN: I'm done. We're just going to pack up here  
anyway.

CONTROL CENTER: Can you --

DARREN: What are you going?

CONTROL CENTER: Just working. Hey, give me a shout  
when you get home.

DARREN: Okay. Well, we can talk here now.

CONTROL CENTER: Okay. Are you sure?

DARREN: Yep.

CONTROL CENTER: So there's a lead downstream of  
Marshall.

DARREN: No, serious?

CONTROL CENTER: Yeah.

DARREN: Aw, [REDACTED]

CONTROL CENTER: So we hadn't started up again. So that  
part's good.

DARREN: Aw, no.

CONTROL CENTER: So it's just a question on the first  
start up.

DARREN: Yeah. On the initial start up.

1 CONTROL CENTER: Yeah. On the -- when you guys got  
2 involved.

3 DARREN: Yeah.

4 CONTROL CENTER: And then how we figured that we hadn't  
5 pumped the 600 cubes yet to start up again.

6 DARREN: How -- sorry. Say that again. How we what?

7 CONTROL CENTER: Well, because we started up for an  
8 hour.

9 DARREN: Yeah.

10 CONTROL CENTER: And then just how we talked to the  
11 operator and decided to start up again, that part of it.

12 DARREN: On the second start up. Okay. Originally how  
13 it all kind of went down, Tim, said starting up, I've got a valve  
14 comm out at, what is it? Mendon.

15 CONTROL CENTER: Yep.

16 DARREN: He says I'm just going to start up under comm  
17 out limits, and it's not a sectionalizing valve. There's no  
18 close, there's no closed -- I never set no close commands on it.  
19 So I sent an open command on those drivers (indiscernible).

20 CONTROL CENTER: Yep, yep.

21 DARREN: Yeah, yeah. Okay. So then he fired up and  
22 then we got the phone calling saying we've -- we're at our 10  
23 minutes --

24 CONTROL CENTER: Yeah.

25 DARREN: -- or pressure. No, I don't think -- I can't

1 remember because we each kind of were taking phone calls here and  
2 there. So we're kind of -- you have to piece it together.

3 CONTROL CENTER: Yeah.

4 DARREN: But -- so then when we got involved, Zimmel  
5 went back, crunched the numbers, was crunching the numbers to try  
6 and figure out how, how much did we drain off because at that  
7 time, the operator didn't know how much we had drained off. He  
8 just knew -- he was just going by our MBS model.

9 CONTROL CENTER: Yeah.

10 DARREN: Our MBS alarms.

11 CONTROL CENTER: Yeah.

12 DARREN: And so -- and that's when we figured out,  
13 figured out 600 cubes, we got our time, based on that, and ended  
14 up shutting down. I think we (indiscernible) a couple of minutes  
15 longer.

16 CONTROL CENTER: Yeah.

17 DARREN: Just (indiscernible). We verified our numbers  
18 again.

19 CONTROL CENTER: Okay.

20 DARREN: And then we shut down. So at that point, we  
21 ran numbers again after we were shut down the first time.

22 CONTROL CENTER: Yep.

23 DARREN: And then what happened? We ran our numbers,  
24 weren't too sure obviously how could we explain that?

25 CONTROL CENTER: Yeah.

1           DARREN: We couldn't explain it. I think we ran numbers  
2 for about, oh, geez, we didn't call Blaine for a good hour --

3           CONTROL CENTER: Yeah.

4           DARREN: -- after that shutdown, until we found out. We  
5 were trying to check everything out and make sure that we were  
6 right on our values. Nothing changed. So then we called Blaine  
7 and talked to him and he -- I gave him all the information that --  
8 I ended up talking to him. I gave him the information that we had  
9 based on what we were seeing for pressures.

10          CONTROL CENTER: Yeah.

11          DARREN: We tried, we tried -- we couldn't -- I told  
12 Blaine, I said, I can't explain where the oil's going, but we've  
13 got no pressure indicator as we fill the column up, right.

14          CONTROL CENTER: Right, right.

15          DARREN: Like there was no bump and drain. There was --  
16 you know, it didn't seem right.

17          CONTROL CENTER: Yeah, yeah.

18          DARREN: So -- and we all agreed that, okay, we're --  
19 there's two things. Either there's a leak or else we didn't fill  
20 that column up.

21          CONTROL CENTER: Right.

22          DARREN: Looking at it, there was a couple of variables  
23 that we felt didn't, didn't help our situation by filling the  
24 column.

25          CONTROL CENTER: Yeah.

1           DARREN: One was we started Mendon too soon. So we had  
2 no power there.

3           CONTROL CENTER: Yeah.

4           DARREN: Sorry. We had enough juice there to start the  
5 station, but we didn't or sorry, pressure to start the --

6           CONTROL CENTER: You didn't have enough flow.

7           DARREN: We didn't have enough flow. By that time, we  
8 were at our moment to shut down.

9           CONTROL CENTER: Right.

10          DARREN: So we -- yeah, at that time we shut down but --  
11 so that was one thing that we didn't -- we felt. Well, okay,  
12 maybe we didn't get at it quick enough.

13          CONTROL CENTER: Right.

14          DARREN: And then -- but that's -- helped explain that  
15 to Blaine. I guess I gave him what we knew, and then we went back  
16 and talking to Jim and Aaron and I, I mean, yeah, it was one of  
17 those things like, well, let's try it again, and the decision was  
18 made, let's try it again. We'll go through our rule of thumb  
19 again and if we don't get anything, we'll shut down.

20          CONTROL CENTER: Right.

21          DARREN: So --

22          CONTROL CENTER: Okay.

23          DARREN: -- and then we went through the process. So --

24          CONTROL CENTER: The second time you fired up, was it  
25 the decision just to pump 600 cubes and then --



1           DARREN: No, it was to go through the process again on  
2 the second time.

3           CONTROL CENTER: Yeah.

4           DARREN: Let's go through the process again and if we're  
5 going to start up until columns up.

6           CONTROL CENTER: And that time you just used the 10  
7 minute warning from Mendon or what?

8           DARREN: Yeah, from Mendon. So that -- the 10 minute  
9 warning at Mendon happened at 4:33.

10          CONTROL CENTER: Yeah.

11          DARREN: And our 10 minute rule -- we ended up getting 4  
12 pounds at 10 minutes.

13          CONTROL CENTER: Right.

14          DARREN: Well, actually we got it probably at 8 minutes,  
15 we got 4 pounds by 8 minutes --

16          CONTROL CENTER: Yeah.

17          DARREN: -- but in that time, we had got involved with  
18 number crunching on the power, the horsepower to push.

19          CONTROL CENTER: Yeah. Right on.

20          DARREN: So I don't know. I feel like crap now.

21          CONTROL CENTER: No, yeah, I know but it's easy -- I  
22 think this helps. This helps clear it up.

23          DARREN: Well, you know, and I don't -- Zimmel, he  
24 didn't like that decision at all.

25          CONTROL CENTER: Which one?

1           DARREN: To restart.

2           CONTROL CENTER: Oh, yeah.

3           DARREN: And I -- well, I was on the phone with Blaine.  
4 So he wasn't, he wasn't involved with that. And then afterwards,  
5 we, afterwards we discussed it like I said, okay, well, Blaine, he  
6 goes -- let's start it up. I said, okay, sounds fine.  
7 Afterwards, I was -- when Zimmel was very reluctant to start up,  
8 we sat and discussed it again and checked over more pressure  
9 transmitters, tried to figure out more, as much more detail as we  
10 can with how much did we drain. There was a lot of uncertainty as  
11 to how much we drained. We didn't believe -- we thought there was  
12 more than 600 cubes of drain, but we couldn't account for it.  
13 So --

14           CONTROL CENTER: Right.

15           DARREN: -- were our numbers right? And so we didn't  
16 start up right away. We talked to Blaine. I think it was about,  
17 oh, 3:00 something.

18           CONTROL CENTER: Right.

19           DARREN: By the time we actually got around to starting  
20 up, we --

21           CONTROL CENTER: About an hour and a half later.

22           DARREN: Yeah, yeah. So --

23           CONTROL CENTER: Yeah, but it was 4:20. So --

24           DARREN: Yeah.

25           CONTROL CENTER: That's cool.

1           DARREN: (indiscernible), Jesus.

2           CONTROL CENTER: We'll get through it.

3           DARREN: What? Is it a big tadu right now? Like  
4 everyone's scrambling or is it a big mess?

5           CONTROL CENTER: They're looking at, they're looking at  
6 it. Field's out there. So we haven't -- I don't think we've  
7 really got a report back from them. So part of the problem is I  
8 guess calls from the public. They're going to the wrong company.  
9 So --

10          DARREN: Well, that's the thing. We weren't hearing  
11 anything, you know, you don't want to rely on that and you don't  
12 want to rely on, yeah, it's about 5:00 down there, 6:00, people  
13 should be smelling this stuff.

14          CONTROL CENTER: Yeah.

15          DARREN: Right, like we don't want to rely on that. I  
16 remember Jim saying that, and I'm like or I said to him, and he  
17 said, well, we don't rely on that. That's not a, you know, that's  
18 not what we do here. We don't rely on phone calls from the public  
19 saying we've got a leak.

20          CONTROL CENTER: Yeah. Well, even the regional manager  
21 said that this morning. So --

22          DARREN: What's that?

23          CONTROL CENTER: That if there was a leak, we would have  
24 heard it by now. So --

25          DARREN: What -- so what -- so when did they find it?

1 CONTROL CENTER: I think 8:30, or like around 8:00 MST I  
2 think.

3 DARREN: Really.

4 CONTROL CENTER: Yeah. A guy called in from Consumers,  
5 another pipeline company, said they had been getting the calls and  
6 then went out and saw black oil. So they called us.

7 DARREN: Oh, really.

8 CONTROL CENTER: Yeah.

9 DARREN: I feel like a bag of [REDACTED] now.

10 CONTROL CENTER: Well, I apologize I had to call you. I  
11 just --

12 DARREN: No, no, that's -- absolutely, that's totally  
13 fair. What else was I going to say? I don't know what else I can  
14 give you for information. Yeah, it was kind of like -- both Aaron  
15 and I were kind of in and out of the whole process.

16 CONTROL CENTER: Yeah, I know.

17 DARREN: And I sat down with Tim on the second start up,  
18 and I was sitting with him.

19 CONTROL CENTER: Yeah.

20 DARREN: Did you talk to Aaron at all?

21 CONTROL CENTER: The only thing -- did you guys look at  
22 the shutdown yesterday?

23 DARREN: Yeah, yeah.

24 CONTROL CENTER: Did you look at the pressures or did  
25 you just look at --

1 DARREN: We just looked at what drained.

2 CONTROL CENTER: That CMTE, yeah. Yeah, that was the  
3 thing because if you go to the shutdown, when he shut down, his  
4 pressures went -- it basically should have been 300 across the  
5 station, and they went to 0.

6 DARREN: Well, actually, you know, I did look or was  
7 that flow? No, no, that was pressure. I did see that. I did see  
8 that. I did see that because I had trended -- or was it below? I  
9 thought I trended that and it went right to 0 right away.

10 CONTROL CENTER: Yeah.

11 DARREN: Like right on the shutdown.

12 CONTROL CENTER: Yeah.

13 DARREN: I'm pretty -- and -- yeah, I'm pretty sure I  
14 did trend that.

15 CONTROL CENTER: Oh, yeah.

16 DARREN: (indiscernible). Did I?

17 CONTROL CENTER: Well, at that point, you're kind of  
18 talking to Tim and going over it and --

19 \* \* \*

20 **07\_26\_2010\_14:34:55\_EDT\_BRD\_2100\_CH\_044**

21 CONTROL CENTER: Revision Line 11, Line 11.

22 \* \* \*

23 **07\_26\_2010\_14:35:59\_EDT\_BRD\_2100\_CH\_014**

24 (No recording.)

25 \* \* \*

1                   **07\_26\_2010\_14:38:41\_EDT\_BRD\_2100\_CH\_023**

2                   CONTROL CENTER: Hey, Aaron.

3                   AARON: Hey, (indiscernible).

4                   CONTROL CENTER: Are you driving?

5                   AARON: Yeah.

6                   CONTROL CENTER: Hey, just give me a call when you get  
7 home.

8                   AARON: Okay.

9                   CONTROL CENTER: Okay. Right on. Bye.

10                  AARON: Bye.

11   \* \* \*

12                   **07\_26\_2010\_14:41:14\_EDT\_BRD\_2100\_CH\_023**

13                  RECORDING: You've reached [REDACTED] Pipelines Operation  
14 Center. Your --

15                  ASHLEY: (indiscernible), Ashley.

16                  KELTHY: Hey, Ashley. It's Kelthy here from Enbridge.  
17 We -- I just wanted to let you know, we slowed down our line a  
18 bit. So we're going to be an hour and a half from now --

19                  ASHLEY: Okay, I'll just leave you open.

20                  KELTHY: -- to update.

21                  ASHLEY: No big deal.

22                  KELTHY: Okay. Thank you.

23                  ASHLEY: Thank you. Bye-bye.

24   \* \* \*

25                   **07\_26\_2010\_14:46:31\_EDT\_BRD\_2100\_CH\_014**

1 CONTROL CENTER: Control Center.

2 DARRELL: Hi, this is Darrell out at La Porte Station,  
3 6B.

4 CONTROL CENTER: Yes.

5 DARRELL: I'm just calling to let you know I am finished  
6 with working on the hydraulic unit there for the pressure control  
7 valve, and that's back up on line.

8 CONTROL CENTER: Okay.

9 DARRELL: And I was going to do the calibration on the  
10 gas detectors. There's six of them here. So I'm going to disable  
11 those.

12 CONTROL CENTER: Gas detectors. One second, sir. I'm  
13 trying to write this down. So you're done with the pressure  
14 control valve?

15 DARRELL: Yes.

16 CONTROL CENTER: That's back working properly and  
17 everything?

18 DARRELL: Yep.

19 CONTROL CENTER: Okay.

20 DARRELL: Now was going to tell you, when I started  
21 this, it was open. The PCV was open, but after I took it off line  
22 and put it back on line, it is now closed. So this is something  
23 I'm sure you would take a look before you do startup but it is  
24 closed.

25 CONTROL CENTER: Okay. I'll have to get them -- I'll

1 have to remind them. I'm the Line 4 operator. I'm just writing  
2 it down for them.

3 DARRELL: Okay. We'll finish with these gas detectors  
4 probably within the hour, and I'll be calling back, too. Is it  
5 Greg that's still here?

6 CONTROL CENTER: Yeah.

7 DARRELL: Okay.

8 CONTROL CENTER: He's just eating his lunch.

9 DARRELL: Oh, okay. Well, I'll probably talk to him  
10 when he gets back then anyway.

11 CONTROL CENTER: Sounds good.

12 DARRELL: Okay. Thanks.

13 CONTROL CENTER: Thank you.

14 DARRELL: Uh-huh. Bye.

15 CONTROL CENTER: Bye.

16 \* \* \*

17 **07\_26\_2010\_14:50:21\_EDT\_BRD\_2100\_CH\_044**

18 CONTROL CENTER: Hi, Tom. Kelly here.

19 TOM: Yeah, hi.

20 CONTROL CENTER: You're heading out to the site, are  
21 you, Tom?

22 TOM: Yeah, you -- please speak faster.

23 CONTROL CENTER: Speaker faster?

24 TOM: Yeah, because I'm driving. I shouldn't be on the  
25 phone. I've got to go.



1 CONTROL CENTER: Yeah, no, just -- is there somebody  
2 onsite that I can call for an update? I guess you guys are onsite  
3 or on your way to the site.

4 TOM: Yeah, we prefer people not to call. We're going  
5 to put updates by e-mail as soon as we get one. There's nothing  
6 more we can update right now.

7 CONTROL CENTER: Okay. No, that's fine then. That will  
8 be fine then.

9 TOM: We've got everybody asking that question, and --

10 CONTROL CENTER: I know you do.

11 TOM: -- we don't have anything more than the original  
12 -- you've got the original notification, didn't you?

13 CONTROL CENTER: The original from Ben Kemp (ph.).

14 TOM: No, the notification that came out from  
15 (indiscernible). The internal leak notification.

16 CONTROL CENTER: Oh, okay. So --

17 TOM: (indiscernible), do you?

18 CONTROL CENTER: We don't actually -- we don't get that  
19 in our e-mail, but I can look that up. I'm sure I can. I will  
20 look that up.

21 TOM: Find out and get us a call back if you don't have  
22 it.

23 CONTROL CENTER: Okay. Thanks, guys.

24 TOM: Thanks.

25 CONTROL CENTER: Bye-bye.

1 TOM: Bye.

2 \* \* \*

3 **07\_26\_2010\_14:58:07\_EDT\_BRD\_2100\_CH\_035**

4 BRAD: Brad here.

5 DARREN: Hey, man.

6 BRAD: Hey. What's going on? I think I've got the  
7 information I think that I need.

8 DARREN: Yeah.

9 BRAD: Where did we leave off? Just -- yeah,  
10 (indiscernible) second time, and just needed the chain of thought  
11 on --

12 DARREN: What our process was.

13 BRAD: -- just the volume pump the first time and --

14 DARREN: Yeah.

15 BRAD: -- so you guys figured you had to fill the 600  
16 cubes. And you probably just figure you had just got to that  
17 point when you shut down?

18 DARREN: Yeah, I think it might have been like 2  
19 minutes. It was before -- I think 57 -- 0257 or 0 -- it might  
20 have been 0157. I can't remember. 57 was our marker, that we got  
21 our volume and by that time, we ended up shutting down like 59 or  
22 something. We just wanted to make sure we had the numbers right.

23 BRAD: 202.

24 DARREN: Right.

25 BRAD: So 57 was the volume marker.

1           DARREN: Yeah, it was the marker, and then we went to --  
2 and, yeah.

3           BRAD: Shut down at 2:02.

4           DARREN: Yeah.

5           BRAD: And then he just figured there's some problems on  
6 startup. Maybe he didn't get all the volume --

7           DARREN: Right, right.

8           BRAD: And then did the 10 minutes. Well, that's good.

9           DARREN: Yeah.

10          BRAD: That's good.

11          DARREN: Yeah, I was just thinking with that pressure,  
12 that pressure transmitter or those readings, like I can't say for  
13 sure what I brought up, whether it was flow or whether it was  
14 pressure. I know I was grabbing a lot of trends and I had them  
15 all up and --

16          BRAD: Right.

17          DARREN: -- and I was trying to follow the shutdown.  
18 When they shut down, basically we were just trying to figure how  
19 much drained off.

20          BRAD: Right.

21          DARREN: To be honest, I never ever questioned the fact  
22 that they had 0 there to start with. I didn't even think to say,  
23 is this normal, right, to the operator?

24          BRAD: Right.

25          DARREN: I didn't even think to think -- say that, and,

1 you know, quite often they always say we usually drain off, you  
2 know, 400 cubes. You know, it's not uncommon to drain off 400  
3 cubes.

4 BRAD: Yeah, that's where, yeah, that's where we rely so  
5 much on the info we get but --

6 DARREN: Right, and like I said, I didn't even thing to  
7 say, well, what's our pressure (indiscernible) --

8 BRAD: Right.

9 DARREN: -- when we shut down, you know, they say up to  
10 400 cubes and Ghazal said, you know, at one time I remember 700  
11 cubes at one time. So we didn't think we were too far out of the  
12 ballpark when we crunched the numbers but after we put in that  
13 much and we only took out that much, well, we just took out what  
14 was bleeding off but --

15 BRAD: Yeah.

16 DARREN: -- it was -- it didn't add up, right?

17 BRAD: Right.

18 DARREN: And that was the -- yeah, I mean, you know,  
19 hindsight now you look at when in doubt, just leave her down,  
20 right?

21 BRAD: Right. Yeah, exactly.

22 DARREN: But when we're looking at the, you know, our  
23 startup and thinking, well, we're bypassing Niles, we don't have  
24 enough horsepower to go on.

25 BRAD: Yeah.

1           DARREN: So anything else you need. Like if I come up  
2 with anything or remember anything, I'll call but --

3           BRAD: Yeah, no, I think that's it. It fills in a  
4 couple of gaps and --

5           DARREN: All right.

6           BRAD: -- that's okay.

7           DARREN: Right on. I kind of feel bad now, but --

8           BRAD: Yeah, I know the feeling.

9           DARREN: -- it's one of those things really. You know,  
10 kind of your gut feeling says you shouldn't but there's nothing  
11 say you should.

12          BRAD: Yeah. No, I understand totally.

13          DARREN: We went through one -- I went through one a  
14 month ago, when we shut down and had people walking the line, and  
15 it ended up being a transmitter problem --

16          BRAD: Right.

17          DARREN: -- and it came out the other way.

18          BRAD: Yeah.

19          DARREN: But --

20          BRAD: No, it's okay, man. Go get some rest.

21          DARREN: All right. Well, if you need any more  
22 information, just give me a call.

23          BRAD: Sounds good. Thanks a lot.

24          DARREN: Bye.

25          BRAD: Bye.

\* \* \*

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**07\_26\_2010\_14:59:38\_EDT\_BRD\_2100\_CH\_023**

CONTROL CENTER: Enbridge, Kelthy speaking.

DAVE: Hey, Kelthy, it's Dave.

CONTROL CENTER: Hey.

DAVE: So you said that [REDACTED] is waiting shut down, right?

CONTROL CENTER: Yep.

DAVE: What batch were you guys on? Is it the CIN?

CONTROL CENTER: We are currently on the CIN-486 out of Tank 72, and we just have enough I think to get them that tank before we go even to Mokena.

DAVE: Okay. How much of that CIN-486 was actually injected before the shutdown?

CONTROL CENTER: 3571 cubes.

DAVE: 8571 (sic)?

CONTROL CENTER: Yeah.

DAVE: Okay. And what time? You said 5 or 6 hours. But what time did they actually shut down at?

CONTROL CENTER: 10:58.

DAVE: Okay. 10:58, so I'll put it down like 1700 to start up or something like that.

CONTROL CENTER: Right.

DAVE: Okay.

CONTROL CENTER: Okay.

DAVE: Thank you.

1 CONTROL CENTER: Thanks. Bye-bye.

2 DAVE: Bye.

3 \* \* \*

4 **07\_26\_2010\_15:01:33\_EDT\_BRD\_2100\_CH\_044**

5 CONTROL CENTER: Control Center, Kelly speaking.

6 TERRY: Hi, Kelly. It's Terry again calling for the  
7 daily rate loss. You did send me today's but could I have  
8 Saturday's and Sunday's.

9 CONTROL CENTER: Saturday and Sunday.

10 TERRY: Yeah.

11 CONTROL CENTER: Okay. We'll send those, Saturday's and  
12 Sundays.

13 TERRY: All right. Thank you.

14 CONTROL CENTER: Thanks. Bye-bye.

15 \* \* \*

16 **07\_26\_2010\_15:04:53\_EDT\_BRD\_2100\_CH\_038**

17 SHANE: Hello.

18 TED: Hey, Shane.

19 SHANE: Hey.

20 TED: Ted. I was wondering, could you write up the  
21 report from yesterday?

22 SHANE: Yeah, I will definitely do that.

23 TED: Okay. I want to take a look at that before you  
24 send something out. I want to say that what happened with that,  
25 you were consulted and he told you it was a column separation.

1 SHANE: Okay. Yeah, fair enough. I will do that right  
2 away here. Yeah, I'm sorry. I completely forgot about it  
3 yesterday. I've got a couple of things going on. So --

4 TED: That's all right. That's all right. So it should  
5 include as much information as you recall from that please.

6 SHANE: Okay. For sure.

7 TED: Thanks a lot.

8 SHANE: Yeah, no problem.

9 TED: Bye.

10 SHANE: Bye.

11 \* \* \*

12 **07\_26\_2010\_15:07:27\_EDT\_BRD\_2100\_CH\_035**

13 CONTROL CENTER: Control Center, Brad here.

14 QUAN: Hey, Brad. It's Quan.

15 CONTROL CENTER: Quan who?

16 QUAN: Quan Fong.

17 CONTROL CENTER: You still work at Enbridge?

18 QUAN: Yeah. I just wanted to let you know there's a  
19 revision for Line 7.

20 CONTROL CENTER: Okay. Line 7.

21 QUAN: Yeah.

22 CONTROL CENTER: That's it.

23 QUAN: Yep. How's your day?

24 CONTROL CENTER: Well, not so good, but we'll see how it  
25 goes.





1 UNIDENTIFIED SPEAKER: All right. Well, I can just give  
2 him a call for you and see where he's at.

3 CONTROL CENTER: No, I'll just give it a little bit.

4 UNIDENTIFIED SPEAKER: Okay.

5 CONTROL CENTER: Yeah, he should be calling me pretty  
6 soon, but if he doesn't, next time you call, I'll get you to --  
7 because he's supposed to call every couple of hours I think just  
8 to --

9 UNIDENTIFIED SPEAKER: Every 2 hours is the minimum.

10 CONTROL CENTER: Yeah, exactly.

11 UNIDENTIFIED SPEAKER: Yeah.

12 CONTROL CENTER: Or some time in there anyways.

13 UNIDENTIFIED SPEAKER: Yeah.

14 CONTROL CENTER: The last time I heard from him was  
15 7:00. So --

16 UNIDENTIFIED SPEAKER: Oh, okay.

17 CONTROL CENTER: Okay.

18 UNIDENTIFIED SPEAKER: Okay. Thank you.

19 CONTROL CENTER: Thanks. Bye.

20 \* \* \*

21 **07\_26\_2010\_15:09:51\_EDT\_BRD\_2100\_CH\_014**

22 CONTROL CENTER: Control Center.

23 JEFF: Hey, it's Jeff with an update. Sorry about that.

24 CONTROL CENTER: No problem.

25 JEFF: Yeah, it went through the transition

1 (indiscernible) at 10:34.

2 CONTROL CENTER: 10:34.

3 JEFF: Milepost 672. Yep.

4 CONTROL CENTER: Perfect.

5 JEFF: I'll be giving you an update here. It's going to  
6 come by me here shortly at 678. I called you I think -- I called  
7 you at 0733, right?

8 CONTROL CENTER: Yeah.

9 JEFF: Yeah, and then I went through, it went by me at  
10 672, the transition. I've been training with Colton at the same  
11 time.

12 CONTROL CENTER: Oh, okay.

13 JEFF: I'm jumping back and forth. That's why you  
14 haven't got a whole bunch from me.

15 CONTROL CENTER: Yeah, no problem.

16 JEFF: Okay, man.

17 CONTROL CENTER: I just want to make sure --

18 JEFF: (indiscernible), Justin.

19 CONTROL CENTER: Yeah, sounds good. Thanks.

20 JEFF: Thanks, buddy.

21 CONTROL CENTER: Bye.

22 \* \* \*

23 **07\_26\_2010\_15:21:04\_EDT\_BRD\_2100\_CH\_023**

24 (No recording.)

25 \* \* \*

1                   **07\_26\_2010\_15:29:39\_EDT\_BRD\_2100\_CH\_030**

2                   CONTROL CENTER: Control Center, Greg here.

3                   DARRELL: Hey, Greg, this is Darrell at La Porte  
4 (indiscernible).

5                   CONTROL CENTER: Hi.

6                   DARRELL: Hey, I didn't know if you got the message I  
7 was working on the gas detectors here at La Porte.

8                   CONTROL CENTER: Yeah, yeah, he passed it on.

9                   DARRELL: Okay. I am done with those and I've got those  
10 reset. So they're back to normal.

11                  CONTROL CENTER: Okay. Perfect. You're all done out at  
12 La Porte?

13                  DARRELL: I think I am, yeah. I think that's all I'm  
14 going to mess with here today. What's, what's the word up at  
15 Marshall? What's happening there?

16                  CONTROL CENTER: Well, there is a leak.

17                  DARRELL: Yeah.

18                  CONTROL CENTER: I'm not too sure how bad it is. I  
19 think it's fairly bad.

20                  DARRELL: Oh, man.

21                  CONTROL CENTER: Yeah. Well, it got into a creek and  
22 the creek -- is it the Kalamazoo River?

23                  DARRELL: The Kalamazoo, yeah.

24                  CONTROL CENTER: Yeah.

25                  DARRELL: Yeah, I was wondering. I did get a call from

1 one of our other techs. I guess some of our PLM people out of  
2 Griffith have already been dispatched to go up there. So if they  
3 call people out from over here, it must be fairly bad.

4 CONTROL CENTER: Yeah.

5 DARRELL: That's not good.

6 CONTROL CENTER: What is it? Does the Kalamazoo connect  
7 to anything or --

8 DARRELL: I don't know if it flows into anything. It's  
9 a fairly good size, I don't know if you'd call it a river, but  
10 it's a pretty good stream type thing, and I think it runs quite a  
11 few miles. So it could be pretty big.

12 CONTROL CENTER: Okay.

13 DARRELL: So that wouldn't be good.

14 CONTROL CENTER: No.

15 DARRELL: Have they given you any kind of estimate at  
16 all? I mean do they have any idea? Is it --

17 CONTROL CENTER: No.

18 DARRELL: -- a ruptured line or anything?

19 CONTROL CENTER: What's that?

20 DARRELL: Do they have any idea if it's a ruptured line  
21 or anything or what do they think it is?

22 CONTROL CENTER: Yeah, it's definitely a full line  
23 rupture. They haven't found it or anything. It's downstream. So  
24 I think it's going to be a couple of days before we get it fixed.

25 DARRELL: Wow, that's not good.

1 CONTROL CENTER: No.

2 DARRELL: Ouch.

3 CONTROL CENTER: No, 6B is becoming the widow maker.

4 DARRELL: Yeah.

5 CONTROL CENTER: I'm not -- we've had a couple on this  
6 line the past year, couple of years.

7 DARRELL: Yeah, yeah. Well, we'll just wait to see.  
8 I'm hoping I won't get dispatched out there, but usually  
9 electrical techs, we don't, unless it's fairly bad. They just  
10 need extra support.

11 CONTROL CENTER: Yeah.

12 DARRELL: I guess I'll wait and see what happens.

13 CONTROL CENTER: All right. Thanks, Darrell.

14 DARRELL: Okay. Take care.

15 CONTROL CENTER: You, too. Bye.

16 DARRELL: Bye.

17 \* \* \*

18 **07\_26\_2010\_15:31:01\_EDT\_BRD\_2100\_CH\_023**

19 (Unrelated to Enbridge.)

20 \* \* \*

21 **07\_26\_2010\_15:31:11\_EDT\_BRD\_9000\_CH\_003**

22 CONTROL CENTER: Enbridge Pipeline's emergency phone.  
23 Go ahead with your emergency.

24 MS. GRIFFIN: My name is JoAnn Griffin (ph.) from  
25 Playcare Learning Center. It's a childcare center. We were told

1 that a natural gas line broke right near us and is going into the  
2 ground in our well, and I need to know what I'm supposed to be  
3 doing. I have kids here that drink the water. Can someone tell  
4 me if it's going into our well, you know, what do I do?

5 CONTROL CENTER: Can I get your name and number and I'll  
6 get somebody to give you a call back.

7 MS. GRIFFIN: JoAnn Griffin, Playcare Learning Center.

8 CONTROL CENTER: Sorry, just let me grab a pen here.

9 Sorry. Okay. JoAnn --

10 MS. GRIFFIN: Griffin.

11 CONTROL CENTER: Okay.

12 MS. GRIFFIN: Playcare Learning Center.

13 CONTROL CENTER: Sorry. What was that learning center?

14 What was it?

15 MS. GRIFFIN: Playcare.

16 CONTROL CENTER: Playcare. Sorry. Playcare Learning  
17 Center.

18 MS. GRIFFIN: I'll give you my cell phone. [REDACTED]

19 CONTROL CENTER: Okay.

20 MS. GRIFFIN: -- [REDACTED]

21 CONTROL CENTER: -- [REDACTED] --

22 MS. GRIFFIN: -- [REDACTED].

23 CONTROL CENTER: -- [REDACTED].

24 MS. GRIFFIN: Yeah, and now the Natural Consumers did  
25 call us and tell us it's broke right out by, like right -- almost

1 in our yard.

2 CONTROL CENTER: Consumers Energy phoned you?

3 MS. GRIFFIN: Well, we have a parent here that works --

4 CONTROL CENTER: Okay.

5 MS. GRIFFIN: -- there. We have an inside line. But we  
6 can smell it. I mean you can smell it as soon as you walk out our  
7 door.

8 CONTROL CENTER: Okay. I will --

9 MS. GRIFFIN: I need to know what to do with these kids,  
10 if I have to legally close, what do we, you know, they can't --  
11 right now I told everyone not to drink the water. We have that  
12 well.

13 CONTROL CENTER: Okay. I will give somebody a call to  
14 give you a call back.

15 MS. GRIFFIN: Thanks. Will that be soon?

16 CONTROL CENTER: Yeah.

17 MS. GRIFFIN: Thank you.

18 CONTROL CENTER: Thank you. Bye.

19 \* \* \*

20 **07\_26\_2010\_15:35:03\_EDT\_BRD\_2100\_CH\_030**

21 CONTROL CENTER: Control Center, Kelly here.

22 UNIDENTIFIED SPEAKER: Hey, Kelly. (indiscernible)  
23 power curtailment.

24 CONTROL CENTER: Okay. Are we over or are we under?  
25 We're over.



1 UNIDENTIFIED SPEAKER 1: We're over.

2 UNIDENTIFIED SPEAKER: Over.

3 CONTROL CENTER: Okay. Did anybody set the shutdown  
4 right away here or anything? Do you know?

5 UNIDENTIFIED SPEAKER: I don't know. You think  
6 (indiscernible).

7 CONTROL CENTER: Probably --

8 UNIDENTIFIED SPEAKER: (indiscernible).

9 CONTROL CENTER: Does anybody have room to bypass?

10 UNIDENTIFIED SPEAKER: What?

11 CONTROL CENTER: Does anybody have room to bypass?

12 UNIDENTIFIED SPEAKER: No, we can't bypass.

13 CONTROL CENTER: No. Well, not you probably but -- Line  
14 4 is at what? 56. Probably just get Line 4 to knock one off for  
15 now. Line 2 is running. Line 2 isn't even running there.

16 UNIDENTIFIED SPEAKER: Yeah, he's going to knock one  
17 off.

18 CONTROL CENTER: Okay. And I'll give him a call to make  
19 sure it's real.

20 UNIDENTIFIED SPEAKER: All right.

21 CONTROL CENTER: And then we can figure it out, okay.

22 \* \* \*

23 **07\_26\_2010\_15:38:14\_EDT\_BRD\_2100\_CH\_044**

24 CONTROL CENTER: Hey, there. How you doing today?

25 UNIDENTIFIED SPEAKER: Pretty good.

1 CONTROL CENTER: Excellent. We just -- Kelly with  
2 Enbridge here.

3 UNIDENTIFIED SPEAKER: Yeah.

4 CONTROL CENTER: We just received a curtailment notice  
5 fro you guys.

6 UNIDENTIFIED SPEAKER: Yep, we're just going to weld  
7 now.

8 CONTROL CENTER: Is it real?

9 UNIDENTIFIED SPEAKER: Yep.

10 CONTROL CENTER: Okay. I've just got to grab a little  
11 bit of information from you here.

12 CAMERON: Hello, this is Cameron. Hello.

13 CONTROL CENTER: Hi there.

14 CAMERON: Yeah.

15 CONTROL CENTER: Hey, I need to grab some info from you  
16 here.

17 CAMERON: Sure.

18 CONTROL CENTER: What's your current time right now?

19 CAMERON: 1439.

20 CONTROL CENTER: 1439. Okay. We've got 12:39. What  
21 time do you think the curtailment might be over roughly?

22 CAMERON: I would guess probably 4 hours, 4 to 5 hours.

23 CONTROL CENTER: Four hours. So say 1900 then.

24 CAMERON: Yep.

25 CONTROL CENTER: Okay. That will be 1700-ish. Okay.

1 And what was your name again?

2 CAMERON: Cameron.

3 CONTROL CENTER: Cameron. All right. Perfect.

4 CAMERON: Okay.

5 CONTROL CENTER: If you can give us a call back when you  
6 guys are done, that will be great.

7 CAMERON: Okay.

8 CONTROL CENTER: Have a good one.

9 CAMERON: You bet.

10 CONTROL CENTER: Bye-bye.

11 \* \* \*

12 **07\_26\_2010\_15:41:07\_EDT\_BRD\_2100\_CH\_030**

13 CONTROL CENTER: Control Center, Greg here.

14 MR. BURDEAU: Hi, this is Bill Burdeau, Chicago Region  
15 Office.

16 CONTROL CENTER: Okay. How you doing?

17 MR. BURDEAU: Good. How are you?

18 CONTROL CENTER: Oh, pretty good.

19 MR. BURDEAU: I just got out at Marshall PLM shop  
20 regarding this leak out here. I was just curious. One of the  
21 questions that we've gotten from the local fire departments and  
22 whatnot, and local emergency management teams, was when the  
23 pipeline was shut down for this leak -- when the leak was  
24 discovered. I guess we pressured down to 0 or something like  
25 that.

1 CONTROL CENTER: Uh-huh.

2 MR. BURDEAU: And that shut the line down. Do you have  
3 a time on that?

4 CONTROL CENTER: Well, there's actually a couple  
5 (indiscernible) events that happened with it.

6 MR. BURDEAU: Okay. But --

7 CONTROL CENTER: When the line shut down was --

8 MR. BURDEAU: When the line was actually shut down.

9 CONTROL CENTER: The last shutdown was at 4:50 MST.

10 MR. BURDEAU: 4:50 MST.

11 CONTROL CENTER: Yeah.

12 MR. BURDEAU: So that's 6:30 a.m. (sic) Eastern Time.

13 CONTROL CENTER: Yeah.

14 MR. BURDEAU: 4:50 a.m. and that's 6:30 -- 6:50 local  
15 time.

16 CONTROL CENTER: Okay.

17 MR. BURDEAU: All right. I think that's all the  
18 information that we need for these folks right now. So if I need  
19 anything else, I'll give you a call back.

20 CONTROL CENTER: You bet. Bye.

21 MR. BURDEAU: Thanks.

22 \* \* \*

23 **07\_26\_2010\_15:48:48\_EDT\_BRD\_2100\_CH\_044**

24 RECORDING: Hi, this is Denise Hampshire with Enbridge.  
25 I'm on vacation. I'm returning the first week of August. Just

1 leave me a message or you can try my cell, [REDACTED]  
2 Otherwise, I'll get back with you when I return.

3 \* \* \*

4 **07\_26\_2010\_15:51:39\_EDT\_BRD\_2100\_CH\_014**

5 CONTROL CENTER: Control Center.

6 JEFF: Yeah, it's Jeff with a pig 1 update.

7 CONTROL CENTER: Yeah.

8 JEFF: Milepost 678.

9 CONTROL CENTER: 678.

10 JEFF: Yeah, at 12:36.

11 CONTROL CENTER: 12:36. Hey, Jeff, we've got to  
12 temporarily slow down the line for a bit, 5200.

13 JEFF: Okay, man.

14 CONTROL CENTER: So --

15 JEFF: So are you waiting for a unit or do you know how  
16 long it will be?

17 CONTROL CENTER: It could be maybe about an hour or so.  
18 We'll see. It depends. We're just looking into -- we have a  
19 power issue come in where the power company restricts us.

20 JEFF: Okay.

21 CONTROL CENTER: (indiscernible). So --

22 JEFF: Too much air conditioning being on today.

23 CONTROL CENTER: Exactly.

24 JEFF: Yeah.

25 CONTROL CENTER: Slowing us down.

1           JEFF: I heard you. Yep, no, I remember that. I used  
2 to work for you guys.

3           CONTROL CENTER: Oh, okay.

4           JEFF: I remember, yeah, I remember they used to really  
5 up the rates at nighttime in summer.

6           CONTROL CENTER: Yeah. You got it.

7           JEFF: And it comes to power restrictions for sure.

8           CONTROL CENTER: Nice and hot and they're like, no air  
9 conditioners and --

10          JEFF: Yeah.

11          CONTROL CENTER: -- and people with their coolers going  
12 and stuff. So --

13          JEFF: Okay. At the rate that we were doing, the ETA  
14 for Glenboro was 1450 for pig 1.

15          CONTROL CENTER: 1450.

16          JEFF: Yeah. So we'll slide there. It's probably going  
17 to be closer to 1500 now.

18          CONTROL CENTER: Sounds good.

19          JEFF: All right. Depending on what you really lose  
20 here. So --

21          CONTROL CENTER: Absolutely.

22          JEFF: Okay, 5,000. Okay, bud. Thanks a lot.

23          CONTROL CENTER: Thank you.

24          JEFF: Bye.

25          CONTROL CENTER: Bye.

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**07\_26\_2010\_15:52:50\_EDT\_BRD\_2100\_CH\_044**

CONTROL CENTER: Hi, Larry.

LARRY: Yes.

CONTROL CENTER: How are you doing today?

LARRY: Good.

CONTROL CENTER: Excellent. It's Kelly Soprovich calling in the Control Center here in Edmonton.

LARRY: Yes, sir.

CONTROL CENTER: Question for you. Do you -- I tried Denise Hampshire there, but she's I guess on vacation.

LARRY: Well, Denise is no longer you media person. She's working on major projects.

CONTROL CENTER: Okay.

LARRY: I thought I corrected that with you. That should be Lorraine Grymala, should be the first, and she's on the way to that leak site right no.

CONTROL CENTER: Okay. Lorraine. So should we call her cell phone or something or --

LARRY: No, she's on an airplane right now.

CONTROL CENTER: Okay.

LARRY: What can I do for you? I'm handling the calls until she gets on the ground.

CONTROL CENTER: Okay. Perfect. I got a call from a JoAnne Griffin with the Playcare Learning Center in the area of

1 the leak site. Now --

2 LARRY: Hold on a second. JoAnne Griffin.

3 CONTROL CENTER: Griffin, yeah.

4 LARRY: Hold on a second. JoAnne, yeah, I'm writing it.  
5 Go ahead.

6 CONTROL CENTER: JoAnne Griffin, and she's with Playcare  
7 Learning Center.

8 LARRY: Okay.

9 CONTROL CENTER: And --

10 LARRY: All right.

11 CONTROL CENTER: -- her phone number is [REDACTED] --

12 LARRY: Okay.

13 CONTROL CENTER: -- [REDACTED]

14 LARRY: All right.

15 CONTROL CENTER: -- [REDACTED] And I guess she's basically  
16 looking for some information. She was told by, it sounds like  
17 somebody there had somebody that works with Consumers Energy which  
18 told them that there's a leak affecting their drinking water, and  
19 she just wants some information on that, if she needs to be  
20 worried or what she needs to do.

21 LARRY: Okay.

22 CONTROL CENTER: So --

23 LARRY: I need to have right away contact with her. So  
24 let --

25 CONTROL CENTER: Okay.



CERTIFICATE

This is to certify that the attached proceeding before the

NATIONAL TRANSPORTATION SAFETY BOARD

IN THE MATTER OF: ENBRIDGE - LINE 6B RUPTURE  
MARSHALL, MICHIGAN  
Volume 2 of 2

DOCKET NUMBER: DCA-10-MP-007

PLACE: Marshall, Michigan

DATE: July 26, 2010

was held according to the record, and that this is the original,  
complete, true and accurate transcript which has been transcribed  
to the best of my skill and ability.

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Kathryn A. Mirfin  
Transcriber