PUBLIC REPORT OF INVESTIGATION

Nodaway, IA

3/17/01

Amtrak/BNSF

DCA01MR003

Passenger Train Derailment

No. 3

Crew Interviews

NATIONAL TRANSPORTATION SAFETY BOARD

In the Matter of:

AMTRAK TRAIN NO. 5
DERAILMENT ON BURLINGTON
NORTHERN SANTA FE RAILWAY

* Docket No. DCA01MR003 * Nodaway, Iowa

PRESENT: RUSSELL F. GOBER

INTERVIEW OF:

RICHARD FERTIG

ORIGINAL

NTSB OFC OF JUDGES
WASHINGTON. D.C.

1	PROCEEDINGS
2	MR. GOBER: This is Russell Gober, National
3	Transportation Safety Board. I am Operating Practices,
4	or Operations Group Chairman for the Safety Board. We
5	are here today to develop the facts, conditions and
6	circumstances surrounding the derailment on Amtrak
7	which occurred on March 17, 2001 at Corning, or
8	somebody help me. Nodaway, Iowa, about 11:40 p.m., on
9	March 17, 2001.
10	We are now going to interview the locomotive
11	engineer on that train. And if you would tell us your
12	name?
13	MR. FERTIG: My name is Richard L. Fertig.
14	MR. GOBER: Could you spell Fertig?
15	MR. FERTIG: F-E-R-T-I-G.
16	MR. GOBER: Okay. Richard, could you give me
17	your telephone number and your address?
18	MR. FERTIG: Okay. My home telephone number
19	is area code . My address is
20	Collins, C-O-L-L-I-N-S,
21	Iowa 50055.
22	MR. GOBER: Okay. Could you tell us how long
23	you have worked with Amtrak?
24	MR. FERTIG: I have been with Amtrak since,
25	let's see April 12 of 1990.

1	MR. GOBER: Okay. Have you had any railroad
2	experience prior to working with Amtrak?
3	MR. FERTIG: Yes, I worked for Conrail for a
4	few months, before that I worked for Metro North
5	Commuter as a block operator for approximately four
6	years.
7	MR. GOBER: Okay. Just getting a little bit
8	of history out of the way. When is the last time you
9	had a physical?
10	MR. FERTIG: It was early spring of last year.
11	MR. GOBER: Okay. Did you have an eye
12	examination?
13	MR. FERTIG: Yes, I did.
14	MR. GOBER: Did you pass your physical?
15	MR. FERTIG: Yes, certainly.
16	MR. GOBER: Okay. Are you a certified
17	locomotive engineer?
18	MR. FERTIG: Yes, I am.
19	MR. GOBER: When did you last have your
20	certification?
21	MR. FERTIG: Last year, in 2000.
22	MR. GOBER: Okay. Do you remember about what
23	month that was?
24	MR. FERTIG: I don't remember for sure, I
25	would say it was sometime around maybe April, but I

1	would have to look to see for sure.
2	MR. GOBER: All right. What about operating
3	rules classes?
4	MR. FERTIG: It was last February.
5	MR. GOBER: What kind of scores do you make on
6	the rules exam?
7	MR. FERTIG: Usually upper 90s.
8	MR. GOBER: Have you had rules training that
9	would go over the use of horns and radios and that kind
10	of thing?
11	MR. FERTIG: Right, that is included in the
12	general.
13	MR. GOBER: Okay. Have you had any
14	experience with horn failures or problems?
15	MR. FERTIG: I have never had a horn failure
16	before Saturday night.
17	MR. GOBER: Did you have one Saturday night
18	MR. FERTIG: Yes, I did.
19	MR. GOBER: Just to give me an idea of what
20	happened, just tell me what your first knowledge was
21	and then what you did afterwards?
22	MR. FERTIG: Okay. Well, in the vicinity of
23	Osceola, which is about milepost 360, I seemed to
24	perceive that the whistle was getting somewhat softer,
25	although it was a subtle difference. And I thought it

1	might just be my imagination or sometimes depending on
2	the wind conditions, it will cause the whistle to sound
3	different with regard to the loudness, with the whistle
4	sounds. And then as I left Osceola, and proceeded over
5	towards Murray, the whistle noticeably got quieter and
6	quieter over the course of going through just a couple
7	of crossings and then just as leaving Murray, the last
8	crossing, it just faded away to nothing. I mean, I
9	knew it was just bad. And at that point, I put the
10	brakes on, I slowed the train down, and I had to go to
11	my rule book because I had never had a whistle failure,
12	so, I did, you know, just a minute I found the rule,
13	read the rule. I then called the dispatcher, and
14	confirmed with the dispatcher the correct procedure to
15	follow with regard to that rule, and they confirmed
16	that it was correct.
17	MR. GOBER: In a nutshell, can you tell us
18	what that rule is and what you did?
19	MR. FERTIG: Right. It is rule, I believe it
20	is 5.8.9. It says that when the whistle fails at any
21	crossing with accurate protection, you are required to
22	be prepared to stop unless you can see that the
23	protection is working, if it is working, you can
24	proceed through the crossing without stopping. At any
25	crossing with passive protection, you are required to

1 be prepared to stop. If you see an automobile 2 approaching the crossing, stop at the crossing. 3 that is the rule that we followed from that point on. 4 MR. GOBER: Okay. Did you have any other 5 locomotive or whistles that you could use to augment 6 your situation? 7 MR. FERTIG: Well, yeah, we did. There were 8 two units. The 140 was in the lead and the 141 was 9 trailing. And after getting squared away with this 10 rule procedure, we talked to the dispatcher and they 11 informed us that if we could get someone in the rear 12 unit to blow that whistle at the crossings, that would 13 allow us to proceed at normal speed. So, at Creston, 14 Iowa, which was the next stop after Osceola, the 15 conductor boarded the rear locomotive and we worked out 16 an arrangement that at the crossings, I would turn on the rear headlight and when he saw the headlight, he 17 18 would blow the whistle until I extinguished the rear 19 headlight and then he would stop blowing the whistle. So, we did that from Creston until Corning, and at 20 21 Corning the dispatcher called us back and said that 22 they had received further clarification and that we 23 were not going to be able to do this and we would have 24 to go back to stopping and protecting the crossings. 25 So, at Corning, the conductor came back up to the lead

1	TOCOMOCIVE WITH ME and It was just four miles after
2	that that we experienced the derailment.
3	MR. GOBER: Okay. Did the dispatcher give
4	you any idea why they changed their, their decision on
5	how to comply?
6	MR. FERTIG: No, they did not. No, they did
7	not.
8	MR. GOBER: Okay.
9	MR. FERTIG: And I said, well, that is too bad
10	because it is going to really incur substantial delay
11	because there are several crossings and so we were
12	pretty, you know, we are not real happy about it
13	because we try to keep the train on time, but, of
14	course, I think we all know now that it turned out to
15	be just a huge blessing in disguise because otherwise
16	at the derailment site we would have been traveling
17	probably 79 miles per hour.
18	MR. GOBER: Okay. Let's back up just a
19	little bit, whenever you went on duty, on the 17th,
20	what time did you go on duty?
21	MR. FERTIG: 19:54.
22	MR. GOBER: Okay. So, those of us that are
23	not military
24	MR. FERTIG: Oh, I am sorry, 7:54 p.m.
25	MR. GOBER: Seven fifty four p.m. Where did

1	you go on duty?
2	MR. FERTIG: Ottumwa, Iowa.
3	MR. GOBER: Okay. How much rest from hours
4	of service point of view did you have?
5	MR. FERTIG: I believe it was eight hours and
6	51 minutes.
7	MR. GOBER: Okay. Had you worked another
8	train the day before?
9	MR. FERTIG: Well, that morning I worked Train
10	number six from Lincoln, Nebraska to Ottumwa, Iowa.
11	MR. GOBER: Okay. Do you feel you were
12	rested in accordance with the regulations?
13	MR. FERTIG: Absolutely.
14	MR. GOBER: Okay. How many days per week do
15	you work?
16	MR. FERTIG: I am on the extra board, so it
17	varies greatly. Sometimes I work one trip a week or
18	one day a week and other times I work five or six, or
19	seven days a week. It just depends on the
20	MR. GOBER: Well, in the past five days, how
21	many days did you work and how many days were you off
22	prior to the wreck?
23	MR. FERTIG: Yes, in the past five days, I
24	made one trip, prior to the day of the wreck and that
25	was on a Wednesday, I believe it was Wednesday.

1	MR. GOBER: Okay. In your, when you reported
2	for duty, you felt like you were rested okay.
3	MR. FERTIG: Yes.
4	MR. GOBER: You operate by yourself on the
5	locomotive as a rule.
6	MR. FERTIG: Yes, I do.
7	MR. GOBER: How many miles is this run that
8	you were on?
9	MR. FERTIG: Two hundred and eighty.
10	MR. GOBER: Roughly how many hours does it
11	take you to make that run?
12	MR. FERTIG: Approximately five hours.
13	MR. GOBER: Okay. What time did you depart
14	Ottumwa?
15	MR. FERTIG: That evening. We departed at
16	9:01 p.m.
17	MR. GOBER: Okay. Was the train on time?
18	MR. FERTIG: No, it was late. We are due out
19	of there at 8:24.
20	MR. GOBER: Okay. Did you have to make up
21	any time or did you just maintain a schedule based on a
22	delay?
23	MR. FERTIG: Well, we maintained the schedule
24	based on the delay and any extra time that the schedule
0.5	that are la all are to make up the s

that would allow us to make up time.

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1	MR. GOBER: Okay. Did you have any
2	difficulty with your train at any time after you left
3	Ottumwa prior to the accident, other than the whistle?
4	MR. FERTIG: No.
5	MR. GOBER: Okay. How many miles had you
6	operated before the accident occurred?
7	MR. FERTIG: Well, Ottumwa is approximately
8	milepost 280 and the derailment site was milepost 420,
9	so that is, what is that 140 miles?
10	MR. GOBER: Roughly, yes. Okay. During that
11	time do you have occasion to look your train over when
12	you go around curves?
13	MR. FERTIG: Well, right hand curves, yes.
14	MR. GOBER: Okay. Did you see any sparks or
15	anything?
16	MR. FERTIG: No, I did not.
17	MR. GOBER: Okay. Do you have any hot box or
18	dragging equipment detectors that you cross over?
19	MR. FERTIG: Yes, the last one before the
20	wreck site was approximately milepost 290, no, let me
21	think that is not right. It was approximately milepost
22	398, so about 12 miles before the derailment.
23	MR. GOBER: Okay. Did it give you any
24	indications when you went over it?
25	MR. FERTIG: Right, it gave us the axle count

1	and stated no defects and it gave a temperature.
2	MR. GOBER: Okay. Do you remember what those
3	were by any chance?
4	MR. FERTIG: Well, let's see I believe the
5	axle count was 72 and I don't remember the temperature,
6	but I think it could have been 27 degrees.
7	MR. GOBER: Okay. That is 72 axles.
8	MR. FERTIG: Right.
9	MR. GOBER: Do you remember how many, how many
10	pieces of equipment you had on your train?
11	MR. FERTIG: Sixteen. Well, not, including
12	the locomotives, 18.
13	MR. GOBER: Okay. You had two locomotives?
14	MR. FERTIG: Right.
15	MR. GOBER: And then 15.
16	MR. FERTIG: Sixteen cars.
17	MR. GOBER: Okay. And one of those would
18	have been a Metro car?
19	MR. FERTIG: You mean the deadhead couch for
20	California?
21	MR. GOBER: Yes.
22	MR. FERTIG: Right, that was right behind the
23	engine.
24	MR. GOBER: Okay. Do you know what the speed
25	limit on the track was where you had the derailment?

1	MR. FERTIG: Yes, it is for passenger, it is
2	79.
3	MR. GOBER: Okay. What kind of method of
4	operations did you have on that run from Ottumwa to
5	where the accident occurred?
6	MR. FERTIG: What do you mean by method?
7	MR. GOBER: Okay. You, you have certain
8	types of signal indications
9	MR. FERTIG: Oh, I am sorry, you mean at CTC?
10	MR. GOBER: Yes. Was it CTC all the way?
11	MR. FERTIG: No, it was AVS from Ottumwa to
12	basically Creston. There is a short island of CTC
13	around, basically Ottumwa from Creston it is AVS, and
14	then from Creston on west it is CTC.
15	MR. GOBER: Okay. And CTC, if you would from
16	a railroader's perspective, tell me what that means?
17	MR. FERTIG: Well, CTC, of course, stands for
18	centralized traffic control, and basically means that
19	the signals, the absolute signals are directly
20	controlled by the dispatcher and they establish a full
21	traffic, in which they are running trains. It is a
22	more controlled method of operations, if you will, as
23	opposed to AVS.
24	MR. GOBER: Like when you were on Conrail, the
25	CPs, control points, at the positive blocks.

1	MR. FERTIG: Right.
2	MR. GOBER: Okay. At the derailment, were
3	you on single track or double track?
4	MR. FERTIG: Single track.
5	MR. GOBER: Okay. And what was that section
6	of track called, do you remember? Under your CTC, it
7	would be some block between two points.
8	MR. FERTIG: I am sorry, I am not
9	understanding your question.
10	MR. GOBER: Okay. What, what are your
11	control points between
12	MR. FERTIG: Oh, okay. The control point to
13	the west is control point 422.2 and the one to the east
14	of the derailment site would be control point 412.
15	MR. GOBER: Okay. At the point of derailment
16	were you operating on tangent track, straight track or
17	curved track?
18	MR. FERTIG: I believe the derailment was
19	initiated right as we entered the left hand curve.
20	Tangent track to a left hand curve to a tangent track
21	and I think we started the derail right as we entered
22	the left hand curve.
23	MR. GOBER: What would make you think that?
24	MR. FERTIG: Well, because my recollection
25	tells me that I perceived that something was wrong

1	right as we were starting into the curve and
2	subsequently put the train into emergency.
3	MR. GOBER: Okay. So you placed the train in
4	emergency.
5	MR. FERTIG: Yes, I did.
6	MR. GOBER: All right. Well, what was your
7	perception that made you believe there was a problem?
8	MR. FERTIG: Okay. Well, there were a
9	couple of things that happened almost concurrently. I
10	felt a resistance in the seat of my pants, like the
11	train pulling on me, and almost concurrently with that
12	sensation, I sensed that something did not feel right
13	with the locomotive. And I am not sure how to describe
14	it, but it just, the ride just didn't feel right. And
15	then almost at the same time, I could hear something, a
16	grinding, screeching noise and at that instance I knew
17	we were on the ground and I placed the train in
18	emergency.
19	MR. GOBER: Okay. Approaching the derailment
20	area, when you had your last signal, was the signal
21	displaying a good signal?
22	MR. FERTIG: It was displaying a proceed
23	indication, clear signal.
24	MR. GOBER: Okay. Do you remember what the
25	lights would be on that?

1	MR. FERTIG: It would be one green light.
2	MR. GOBER: One green light. Was it a solid,
3	non flicking, good, positive, what you would feel like
4	a good circuit that had no, was the circuit set
5	adequately?
6	MR. FERTIG: I would say so. The signal was
7	very fairly visible and it looked just as normal as you
8	would expect a signal to look.
9	MR. GOBER: The reason I asked the question,
10	if you had a broken rail, could it cause the signal to
11	flicker?
12	MR. FERTIG: Well, yes, it could. I would
13	hope that would happen, but unfortunately it didn't in
14	this case.
15	MR. GOBER: Okay. So, you saw nothing but
16	green.
17	MR. FERTIG: That is correct.
18	MR. GOBER: And you were operating on
19	basically tangent track and you were entering a left
20	hand curve.
21	MR. FERTIG: Yes.
22	MR. GOBER: You heard something, you felt a
23	tug, did you feel the engine drop down?
24	MR. FERTIG: No.
25	MR. GOBER: You didn't.

1	MR. FERTIG: I didn't sense that. I just felt
2	the right just suddenly become, I don't know, I just
3	knew it wasn't right. There was just a, I don't know
4	what the right word is, a vibration combination
5	roughness. I don't know exactly how to, but I didn't
6	feel a bump as if the engine just dropped to the ground
7	like that.
8	MR. GOBER: Okay. Do you, you said you were
9	on the extra board and you didn't work but one trip in
10	the last five days.
11	MR. FERTIG: That is correct.
12	MR. GOBER: But, do you have occasion to work
13	this territory very often?
14	MR. FERTIG: I work this, I have made this run
15	many, many times, yes.
16	MR. GOBER: Okay. From a perspective of a
17	locomotive engineer, you have some responsibility to
18	tell the dispatcher if there is anything wrong, like
19	you did with the whistle.
20	MR. FERTIG: Yes.
21	MR. GOBER: Have you ever had a problem with
22	this track in the area where this accident occurred
23	previously?
24	MR. FERTIG: Not that I can recall within a
25	couple of miles of the wreck location, although I will

1	say that we have had a long history of reporting rough
2	track conditions generally between Ottumwa Island and -
3	-
4	MR. GOBER: Okay. So, that later on I listen
5	to this tape, I will know where were are at. What
6	division were you on, what subdivision?
7	MR. FERTIG: Okay. We were on the Creston
8	subdivision and it is considered the Nebraska Division.
9	MR. GOBER: Okay. What division is it on
10	Amtrak?
11	MR. FERTIG: Well, maybe, I believe it is
12	Intercity or Midwest. Amtrak considers that, maybe
13	George could help me out with that. Intercity,
14	Midwest? Intercity. Okay.
15	MR. GOBER: Okay. What was the name of your
16	train and then the number?
17	MR. FERTIG: It was the California Zephyr,
18	Train number five.
19	MR. GOBER: Okay. Of the 17th?
20	MR. FERTIG: That is correct.
21	MR. GOBER: Okay. You have been pretty sharp
22	on the answers, from your perspective is there anything
23	that you need to tell me that you haven't told me? Do
24	you have anything you would like to add?
25	MR. FERTIG: Well, all I would say is, like I

say, we have, it is surprising the derailment occurred
where it did because of all of the places that, you
know, you talk to some of the conductors that work that
train were always rather concerned about the right
quality of the track we operate on because in places it
is very, very rough. And a lot of us have felt for
some time that we were concerned that, you know, it
might be a cause for a derailment because of this rough
track, although the BNSF assured that it is, there is a
separate issue of being right quality versus safety.
And they assured us the track was safe, although the
right quality might not be what we want it to be. And
I think it is just very surprising the derailment
occurred just where it did. And seemingly, of all the
track, that track where the wreck occurred was
relatively smooth and nice riding piece of track.
MR. GOBER: Did you have any knowledge of any
work that had been done in that area recently?
MR. FERTIG: No, I did not.
MR. GOBER: Okay. Did you have any track
MR. GOBER. ORay. Did you have any crack
orders or bulletin for your operation on the evening
orders or bulletin for your operation on the evening
orders or bulletin for your operation on the evening the derailment occurred?

1	form A's, which are slow orders. There were no form
2	B's. There were a few form C's, which are just
3	informational, that doesn't necessarily pertain to a
4	speed type restriction. But, there was a form A for a
5	slow order just about, let me think here, six miles
6	prior to the derailment site. It was right new the
7	town of Corning. We had to slow down for a 60 mile
8	slow order. And the next speed restriction after that
9	would have been over around Stanton, which is about
10	milepost 435, if my memory serves me correctly. Those
11	were the only two form A's in that vicinity.
12	MR. GOBER: Okay. You mentioned earlier
13	about a little whistle problem and you are running
14	slower than normal because of that. And you said the
15	speed limit was 79 miles per hour. And that would be
16	what your normal speed would be through there.
17	MR. FERTIG: Yes.
18	MR. GOBER: Okay. To the best of your
19	memory, how fast were you going when you derailed?
20	MR. FERTIG: I believe I was going around 50.
21	MR. GOBER: Okay. Whenever you went into
22	emergency, what was the first thing you did after that?
23	MR. FERTIG: The first thing I did was I
24	picked up the radio receiver and I, or handset, and I
25	made an emergency call on the radio as prescribed by

1	the rules. And right after I made that call, I dialed
2	911 on the keypad. And initially I didn't hear a
3	response, so I dialed 911 a second time, and that time
4	the dispatcher answered the emergency call and I
5	proceeded to tell her that we had derailed and gave her
6	a location and started to request emergency assistance.
7	MR. GOBER: Do you know where your dispatcher
8	is located?
9	MR. FERTIG: Yes, the dispatchers to my
10	knowledge are located in Fort Worth, Texas.
11	MR. GOBER: Is that the BNSF's central
12	dispatcher control center?
13	MR. FERTIG: Yes, yes, it is.
14	MR. GOBER: Okay. Your radio frequency and
15	keypad and all of that, is pretty much standard. Does
16	Amtrak give you any training on how to use the radio in
17	emergency situations?
18	MR. FERTIG: Well, yes, I mean, that is, you
19	know, for one thing that is covered in the operating
20	rules, and then sometimes special instructions have
21	further modifications and that is something we cover in
22	the rules classes given by the Amtrak personnel.
23	MR. GOBER: Was, was radio usage and
24	particularly emergency problems discussed in your last
25	rules class in 20002

1	MR. FERTIG: Yes, it was.
2	MR. GOBER: Was it 2000 or 2001?
3	MR. FERTIG: It was 2000.
4	MR. GOBER: Okay. Okay. Did they talk to
5	you about these radio procedures as something new or
6	different or added or anything different than what you
7	had over the years?
8	MR. FERTIG: Well, I would say not, I would
9	just say it was, that is one aspect of, I think, that
10	they always make a point of touching on, the emergency
11	procedures. And we did cover that last time, yes.
12	MR. GOBER: Good. Did you have any, any
13	difficulty in making a decision on exactly what to do
14	when it came to using the radio to call the dispatcher?
15	You said you hit 911 after you did emergency,
16	emergency.
17	MR. FERTIG: Right.
18	MR. GOBER: Okay. So, due to your rules
19	timetable and special instructions and training, you
20	knew what to do and how to do it?
21	MR. FERTIG: Oh, it was quite instinctive, I
22	didn't, it was very natural. I knew exactly what to
23	do.
24	MR. GOBER: Okay. Did you have good
25	communications with the dispatcher?

1	MR. FERTIG: Yes, I did.
2	MR. GOBER: Okay. What did you do in
3	reference to your train crew after that?
4	MR. FERTIG: Well, we called the assistant
5	conductor, the first thing we did after I got the
6	emergency call put out, we called our assistant
7	conductor to try to ascertain his condition, and he
8	said he was okay and he also informed us that the
9	dormitory car on its side. And that is the first
10	indication that we had that the wreck was quite
11	serious. Of course, I didn't know, I assumed maybe just
12	the locomotive was on the ground. So, at that point,
13	you know, after getting that communication from the
14	assistant conductor, I went back to the dispatcher and
15	informed her that the wreck was apparently quite
16	serious and we needed a lot of assistance.
17	MR. GOBER: Okay. So, that I get this in the
18	record, it was dark, correct?
19	MR. FERTIG: Yes.
20	MR. GOBER: Okay. How was the weather?
21	MR. FERTIG: The weather was clear. It was
22	actually a really nice night with some nice stars out.
23	And it was not windy, a clear night.
24	MR. GOBER: And you said just a few miles
25	before that the wide load detector told you what the

1	temperature was approximately.
2	MR. FERTIG: Yes.
3	MR. GOBER: And what do you remember that was?
4	MR. FERTIG: Well, to the best of my memory, I
5	thought it said 27 degrees, but I certainly wouldn't
6	swear to that.
7	MR. GOBER: Okay. So, it was really cold
8	atmosphere out there and people needed to be looked
9	after.
10	MR. FERTIG: Oh, certainly.
11	MR. GOBER: Okay. How do you, after you make
12	your emergency call, you call the assistant conductor,
13	how do you handle a wreck like this after that?
14	MR. FERTIG: Well, I just, the first thing I
15	did, up to this point, you know, I had been trying to
16	ascertain the AC was okay, and then I told the
17	dispatcher the wreck was quite serious and from that
18	point I worked with the dispatcher trying to describe
19	the location accurately as possible to expedite, to try
20	to, you know, provide the most expedite response by the
21	emergency people. And then just at that time the
22	conductor was leaving the locomotive to go back and you
23	know, to try ascertain what had happened, provide
24	assistance and then from that point on I just basically
25	tried to fulfil the function of communication relay

1	between the dispatcher and, you know, giving her
2	updated information as I could.
3	MR. GOBER: Okay. What did the dispatcher
4	first tell you about what she was doing? Did she give
5	you any?
6	MR. FERTIG: Well, the only thing she told me
7	she was doing, is she said that she had notified the
8	BNSF central operation center and they were going to
9	provide the request for emergency assistance.
10	MR. GOBER: Do you have any idea how long it
11	took before your first emergency responders arrived?
12	MR. FERTIG: I didn't time it literally, but
13	my estimation is between 10 and 15 minutes.
14	MR. GOBER: That is pretty good.
15	MR. FERTIG: I think it is excellent
16	considering that we were about five miles from the
17	nearest paved road and it was, it was tough to get to
18	us because they had to come down the side of the tracks
19	for about two miles from the west. And I think it was
20	an excellent response time.
21	MR. GOBER: Did you have any personal contact
22	with any EMS people?
23	MR. FERTIG: Well, yes, I did. After, a
24	couple, it had probably been five minutes after the
25	wreck, after I had gotten the preliminary communication

1	out of the way, I had a minute and a second and I
2	called 911 on my personal cell phone and talked to the
3	state police, myself, to make sure that they had
4	received the call. They assured me that they did and
5	then I hung up from them and sometime later I called
6	the Adams County 911, and at that point, this was later
7	on, at that point, we were trying to coordinate buses
8	to take the non injured passengers to a community
9	center in Nodaway and I was trying to help get that set
10	up.
11	MR. GOBER: How did you know to get in touch
12	with the Adams County people?
13	MR. FERTIG: Well, because I had also been in
14	contact with Amtrak Operations in Philadelphia,
15	wherever they are, and they had told me that they were
16	trying to set up a settlement in Nodaway for non
17	injured people. And they said that they were trying to
18	arrange buses so that is when I thought to call the
19	Adams County 911 and I wanted to put them in touch with
20	Amtrak Operations. And so, after I spoke to them, I
21	called Amtrak Operations, I gave them the phone number
22	for Adams County and then they talked and were able to
23	coordinate their efforts for transportation.
24	MR. GOBER: How many years do you say you have
25	heen railroading now?

1	MR. FERTIG: Well, about 15, I guess.
2	MR. GOBER: Have you been involved in anything
3	like this before?
4	MR. FERTIG: One time before in 1996 I was the
5	engineer, I was actually the assigned fireman, but I
6	was operating locomotive on train number 55, the
7	Vermonter, we struck a log truck in Roxbury, Vermont
8	and derailed an engine and six cars and we only had
9	five minor injuries.
10	MR. GOBER: Okay. How many years ago was
11	that?
12	MR. FERTIG: That was in August of 1996.
13	MR. GOBER: Okay. Did you see any difference
14	in the way Amtrak handled this emergency from the
15	original one that you had?
16	MR. FERTIG: Well, I would say no. I would
17	say in both instances my perspective was Amtrak had a
18	really impressive response in both instances. They had
19	people on the scene as quickly as possible and from
20	what I could perceive, they provided excellent
21	passenger support, customer support.
22	MR. GOBER: Okay. Did you have any contact
23	with Burlington people other than the train dispatcher?
24	MR. FERTIG: Not that I recall via telephone
25	or radio, but, eventually I think he is a local foreman

1	or train master by the name of Tom Nagel, and some
2	associates of his, came on the locomotive to interview
3	me.
4	MR. GOBER: Okay. Roughly what did you tell
5	them?
6	MR. FERTIG: Well, I gave them a narrative of
7	the circumstances to the best of my memory and then I
8	answered whatever questions they had.
9	MR. GOBER: Okay. Have you had any
10	opportunity to talk to any of your fellow locomotive
11	engineers about this territory, about how they perceive
12	it to be as far as the signals and the smoothness of
13	the track?
14	MR. FERTIG: You mean since the accident?
15	MR. GOBER: Yes.
16	MR. FERTIG: No.
17	MR. GOBER: Okay. Before the accident, have
18	you all ever talked about it?
19	MR. FERTIG: Oh, quite often.
20	MR. GOBER: Bottom line, what were your
21	conclusions on your discussions?
22	MR. FERTIG: Well, our conclusions were that
23	overall it is a pretty awful piece of track and we were
24	all concerned for safety and we, I mean, again, you
25	know, if it just an issue of right quality, then it is

1	a safety issue from a standpoint of while the train may
2	not derail, we have, you know, injuries that sometimes
3	occur due to the roughness of the track and passengers
4	getting bumped around and we were all very, we are
5	always wishful that the Railway would try to address
6	some of these rough track concerns, even if it not a
7	safety standpoint, a train derailment issue.
8	MR. GOBER: Okay. I could probably ask
9	questions all day, but I want to be fair to everybody
10	else here. And I will pass to Jim Vermines(ph). Jim,
11	do you have any questions?
12	MR. VERMINES: Just a couple of questions.
13	The last crossing
14	MR. FERTIG: Darr Crossing.
15	MR. VERMINES: And what did you do there?
16	MR. FERTIG: I slowed down to approximately 15
17	to 20 miles an hour, because I had to be prepared to
18	stop in case any vehicles approaching the crossing.
19	And after getting down to that slow speed, it was a
20	very rural crossing and I could see no one was coming
21	and at that point I released the brake and went to
22	to accelerate.
23	MR. VERMINES: Was the conductor with you at
24	that point?
25	MR. FERTIG: Yes, he was.

1	MR. VERMINES: You had stopped using the
2	whistle.
3	MR. FERTIG: That is correct.
4	MR. VERMINES: From there up to the point of
5	accident, what were your actions as far as the train
6	MR. FERTIG: Well, basically just release the
7	brake, put her in 1-8 and we were just accelerating.
8	And it was actually within just about a mile from that
9	point where we did derail.
10	MR. VERMINES: Did you experience any
11	sensation in the area of the curve before the
12	derailment occurred?
13	MR. FERTIG: No.
14	MR. VERMINES: Had you experienced any other
15	problems with the locomotive
16	MR. FERTIG: No.
17	MR. VERMINES: Did you see anything when you
18	looked back, when the train started tugging against
19	you?
20	MR. FERTIG: No, I didn't because right at the
21	point where I felt that, we entered a left hand curve
22	and of course, on the right side, and of course, I
23	couldn't see anything behind me.
24	MR. VERMINES: Okay. You put the train into
25	emergency, would that be a normal procedural event

1	occurring, I mean, do you think that it may have made
2	it worse or would there have been (inaudible)
3	MR. FERTIG: Oh, I think that was certainly
4	the proper response. I mean, you know, who knows under
5	certain circumstances, I suppose it could acerbate the
6	problem, but overall it is the most prudent thing to
7	do, yes, to stop the train as soon as possible.
8	MR. VERMINES: Were you taking any medication?
9	MR. FERTIG: No medication.
10	MR. VERMINES: Okay. Amtrak has a policy
11	where the train
12	MR. FERTIG: Certainly, yes.
13	MR. VERMINES: No further questions.
14	MR. GOBER: Before I give it to Ann, since Jim
15	opened that up. Do you use any drugs or alcohol?
16	MR. FERTIG: No.
17	MR. GOBER: Okay. Whenever you report for
18	duty, you were not under the influence of drugs or
19	alcohol?
20	MR. FERTIG: That is correct.
21	MR. GOBER: Did you have a drug and alcohol
22	test after the accident?
23	MR. FERTIG: Yes, I did.
24	MR. GOBER: Have you learned the results of
25	that yet?

1	MR. FERTIG: No, I have not.
2	MR. GOBER: Okay. I will pass this to Ann
3	Kelly with FRA now.
4	Ann, if you would move up closer here where
5	you can make sure that the engineer can hear you.
6	MS. KELLY: Okay. The first question is
7	when, when Tom Nagel and his cohorts or whatever, came
8	up, he just asked your questions, and you just gave him
9	oral answers.
10	MR. FERTIG: That is correct.
11	MS. KELLY: You didn't do any kind of a
12	written statement for him?
13	MR. FERTIG: Well, no, he wrote the
14	information down that I provided him.
15	MS. KELLY: And did you ever give any written
16	statements to any Amtrak officials yet?
17	MR. FERTIG: No, I did not.
18	MS. KELLY: Okay. Okay. The temperature
19	given on the detector, is that in Celsius or
20	Fahrenheit?
21	MR. FERTIG: Fahrenheit.
22	MS. KELLY: Okay. And what was your train
23	brake air pressure set at?
24	MR. FERTIG: Okay. You mean the regulating
25	valve?

1	MS. KELLY: Yes.
2	MR. FERTIG: Okay, 110 PSI.
3	MS. KELLY: Okay. When was the air brake
4	test completed?
5	MR. FERTIG: Okay. Which air brake test,
6	which air brake test are you referring to?
7	MS. KELLY: (inaudible)
8	MR. FERTIG: Well, I believe that was
9	completed at, it could have been 9:00 a.m., I am not
10	for sure. I mean, I did look at the form and it had
11	been within the rule requirements of 24 hours
12	departure. But, I don't know the exact time. It was
13	in Chicago.
14	MS. KELLY: Oh, okay. It was in Chicago.
15	MR. FERTIG: Yes.
16	MS. KELLY: Did you notice on the daily
17	inspection card if it was completed for that day?
18	MR. FERTIG: Yes, it was.
19	MS. KELLY: And you said the last time you
20	were over the territory was on the number six run.
21	MR. FERTIG: Right, that morning.
22	MS. KELLY: That morning.
23	MR. FERTIG: Right.
24	MS. KELLY: And did you do your visual
25	inspection of the locomotives when you went on duty?

1	MR. FERTIG: Well, not a complete visual
2	inspection. I inspected the side of the locomotive
3	that I walked up at Ottumwa, and then we did have a
4	head and power problem and that required me to go in
5	the second locomotive and shut the head and power down
6	while the conductor trouble shot the problem. But,
7	that is the extent of the inspection.
8	MS. KELLY: Okay. Lastly, have you ever
9	heard about SOFA, has anybody ever talked to you about
10	the SOFA?
11	MR. FERTIG: I have some awareness of SOFA, I
12	have read some literature concerning that.
.13	MS. KELLY: Okay.
14	MR. GOBER: Since you brought up SOFA, what is
15	SOFA?
16	MS. KELLY: What is SOFA? SOFA is Switching
17	Operations Fatality Analysis.
18	MR. GOBER: Okay. That is good. Do you have
19	any further questions, Ann, FRA?
20	MS. KELLY: No.
21	MR. GOBER: Okay. Tom Dwyer with UTU, do you
22	have any questions? If you do come up and sit right by
23	this gentleman.
24	MR. DWYER: Mr. Fertig, how do you say your
25	name?

1	MR. FERTIG: Fertig.
2	MR. DWYER: Fertig. Mr. Fertig, I just have a
3	couple of questions. One question I have is really to
4	be clear about train handling, and your emergency
5	application. Under the circumstances at that time,
6	what were your train handling options?
7	MR. FERTIG: You mean at the time of the
8	derailment?
9	MR. DWYER: Yes, when you were going through
10	that, I mean.
11	MR. FERTIG: Well, I know that the Amtrak
12	special instructions say that when a train is placed in
13	emergency, you also are suppose to activate the end of
14	train device emergency feature and I did not do that.
15	But, I displaced the train emergency and started making
16	radio calls.
17	MR. DWYER: I think you misunderstood my
18	question.
19	MR. FERTIG: Okay.
20	MR. DWYER: I mean, you are going along and
21	everything is going fine, and you are beginning to
22	accelerate and then all of sudden things aren't so fine
23	anymore, so obviously when things start to deteriorate
24	your options are limited.
25	MR. FERTIG: Right. Well, I could have apply

1	the brake in a service application or I could apply the
2	brake in emergency application. Those are my two
3	options.
4	MR. DWYER: So, it was either apply the brake
5	or apply the brakes.
6	MR. FERTIG: Right.
7	MR. DWYER: Okay. If you, have you had a
8	chance to think about this accident?
9	MR. FERTIG: Well, yes, I have.
10	MR. DWYER: And with everything that went on
11	and what you have learned and obviously went through
12	this before, have you had a chance to formulate or with
13	any things that you would like to see changed or
14	modified or in terms of how things are done and how you
15	are operating?
16	MR. FERTIG: The only thing I could think of
17	is, you know, fix the track.
18	MR. DWYER: Okay. Has anyone from the
19	Railroad, the BNSF or Amtrak or from the Union, talked
20	to you about post accident stress debriefing? Are you
21	familiar with that at all?
22	MR. FERTIG: Well, maybe casually. There was
23	an Amtrak Employee Assistance representative that spoke
24	to us in Omaha.
25	MR. DWYER: Well, I would encourage you to

1	think about that. I think that is really something
2	that you I would encourage that.
3	MR. FERTIG: Okay.
4	MR. DWYER: I have no further questions.
5	MR. GOBER: Okay. We will ask Mr. Carl
6	Fields, with BLE, if he has any questions?
7	MR. FIELDS: No.
8	MR. GOBER: Okay. All right. Mr. Ferrer with
9	Amtrak has no questions.
10	Mr. Joe Yeager with BNSF?
11	MR. YEAGER: Just a couple of real quick
12	questions.
13	MR. GOBER: Okay.
14	MR. YEAGER: Just a quick question on the
15	discussion you had earlier regarding the whistle issue.
16	Do you know who the dispatcher by job title or name
17	contacted regarding the interpretation of the rule?
18	MR. FERTIG: I don't know by name, but I can
19	tell you that initially it was, to my recollection, the
20	Kansas City Line dispatcher is the one that said if we
21	could get the conductor in the rear unit, level, so we
22	could go with speed. And then leaving Creston, we
23	changed editions, we go to the Omaha line dispatcher
24	and she is the one that came on and told us we would
25	have to revert back to the stop and protect procedure.

1	MR. YEAGER: Okay. Did she indicate that she
2	had discussed that potentially with the manager
3	dispatching practices or a member of the Rules crew
4	MR. FERTIG: She didn't say that. She didn't
5	say that in so many words, but she just said, you know,
6	it looks like you are going to have to go back and do
7	the stop and protect. I mean, it was just, it was
8	obvious that she had gotten clarification or something,
9	from someone, it was obvious.
10	MR. YEAGER: Okay. From your perspective,
11	then, she had approached some other individual
12	MR. FERTIG: Yes.
13	MR. YEAGER: Had gotten feedback from.
14	MR. FERTIG: Yes.
15	MR. YEAGER: The only other item that I have a
16	question on. Your next slow over you said from site of
17	the location of the derailment was at Sanford, I
18	believe you said.
19	MR. FERTIG: Four thirty six point seven. It
20	is about 436.5, I think, I mean, I would have to think
21	about it for a little bit to be sure, but that is the
22	one that stands out, because that has been a long
23	standing slow order at that location. That is, you
24	know, no, no, I stand corrected. The next slow order,
25	no, it was 425.5 on main track one, there is a 40.

1	That was the next slow order. I forgot about that.
2	MR. YEAGER: Okay. So, you would have been
3	approximately four, four and a half miles from the next
4	order.
5	MR. FERTIG: That is correct.
6	MR. YEAGER: Had you had an indication to move
7	on main one.
8	MR. FERTIG: That is correct.
9	MR. YEAGER: Okay. That is all I have.
10	MR. GOBER: Okay. Richard, whenever you have
11	got your orders, do you get new orders every time you
12	go on duty or do you get general orders and then just
13	get updates whenever you report for duty?
14	MR. FERTIG: It is standard procedure to get
15	new orders on duty at Ottumwa.
16	MR. GOBER: Okay. So, when you went on duty,
17	you got fresh orders from the train dispatcher or from
18	a supervisor.
19	MR. FERTIG: From the train dispatcher, that
20	is correct.
21	MR. GOBER: Okay. And then do you sign a
22	register or anything like that?
23	MR. FERTIG: No, we do not.
24	MR. GOBER: Okay. Do you have any
25	instructions to call anyone or to let somebody know

1	when you go on duty?
2	MR. FERTIG: Not really. The only time we
3	would call someone is if we did not have the required
4	paperwork. We would just call the dispatcher and
5	remind them to send us the required paperwork.
6	MR. GOBER: How would they send them to you,
7	send it to you?
8	MR. FERTIG: Via fax.
9	MR. GOBER: Okay. So, you have facilities
10	and communications with the proper authority when you
11	go on duty that you can get current rules, regulations
12	and orders.
13	MR. FERTIG: Yes.
14	MR. GOBER: And there is also some means at
15	the dispatcher office for them to give you
16	interpretations if there is a difficulty like a whistle
17	failure on how to comply with the rules.
18	MR. FERTIG: Certainly. I mean, if we had
19	known about it at that point, we could have discussed
20	on the phone, but, of course, this happened in route,
21	so it was discussed on the radio.
22	MR. GOBER: Okay. And then do you feel like
23	that Burlington Santa Fe procedures were effective in
24	handling this situation?
25	MR. FERTIG: Okay. When you say procedures

1	from the standpoint of the emergency response or the
2	MR. GOBER: The whistle.
3	MR. FERTIG: Well, say that question again,
4	please?
5	MR. GOBER: Okay. I wanted you to answer it
6	the best you could.
7	MR. FERTIG: Just ask me the question again.
8	MR. GOBER: Okay. I made it confusing
9	intentionally. What I want to know is do you think
10	that Burlington Santa Fe had a program in place that
11	was effective, that if there was a need for a rule
12	interpretation that you could get one?
13	MR. FERTIG: Well, I guess I would just have
14	to say that, you know, I trust what the dispatcher said
15	and I was happy to hear that they had a method to
16	allow, even though it was not listed in the rules, they
17	said we would be able to operate normally with the
18	engine, the second unit, and then apparently there was
19	further clarification and I mean, I feel like they
20	apparently handled it the best that they could. And I
21	think that is, that was satisfactory, yes.
22	MR. GOBER: Good. I just wondered what your
23	thoughts were on how it was handled.
24	MR. FERTIG: I don't know the reasoning behind
25	what the change was. And of course, again, like I said

before, it turned out to be an incredible blessing for
us in disguise, but, you know, that was fine.

MR. GOBER: Okay. I don't have any other questions. But, I am going to have a follow up round and ask everyone that is here, if they have any other questions to ask.

So, Jim Vermines with NTSB?

MR. VERMINES: Yes, you mentioned track problems and you described not the track problems there, but you described there was an unhappiness. Who was unhappy and what were they unhappy with out there, and was it a safety issue?

MR. FERTIG: Well, who was unhappy would be all the engineers and all the conductors and all the onboard service people. Everybody in Amtrak commonly refers to that section of track as the roughest part of the track from California to Chicago. And is it a safety concern, again, I would have to answer that the BNSF has told us that it is safe from an engineering standpoint, although I believe they have conceded that it might be, you know, a question of right quality, not a safety issue, but we feel it is a safety issue from a right quality standpoint because it does cause people to fall inside the train. I mean, it is, sometimes it is actually frightening. I have been on the train and

1	actually have been scared myself on some of these bumps
2	we hit, because the cars bottom out laterally and there
3	is bumps that really cause you to be concern.
4	MR. VERMINES: How would you express this
5	concern to
6	MR. FERTIG: Well, for a long time we just, I
7	started running this line April of 1999 when we formed
8	the Lincoln Crew Base and for a long time we would
9	report these rough track sections. And then we sort of
10	admittedly gotten away from it because we felt after
11	time, we felt like it was regardless to this claim,
12	because nothing would be done. And again, I am not
13	trying to paint the BNSF in the black light, but I am
14	just telling you how we feel about it.
15	MR. VERMINES: Would you normally report rough
16	track conditions to the train dispatcher?
17	MR. FERTIG: The train dispatcher. But,
18	nowadays, we would only report something if it was a
19	new very, very distinctively rough piece of track. I
20	mean, there are sections that are just rough all the
21	time. And we have just gotten used to it. And
22	sometimes, I mean, if I am aware of an especially bad
23	place, I might just try to slow down a little bit on my
24	own if I am aware of that section of track ahead of

time.

25

1	MR. GOBER: Okay. This is Russell Gober.
2	Because of the way that the questioning has been done,
3	whenever you mention track quality earlier, you said
4	that where the accident occurred was not particularly
5	bad part of the track.
6	MR. FERTIG: That is correct.
7	MR. GOBER: Is that correct?
8	MR. FERTIG: Yes, absolutely correct.
9	MR. GOBER: Okay.
10	MR. FERTIG: That is the last place I would
11	have have expected there would be a problem.
12	MR. GOBER: Okay.
13	MR. VERMINES: Did you feel that when you
14	filed a complaint, did you notice the second time would
15	someone try to explain to you what had been done?
16	MR. FERTIG: You mean, with the track problem?
17	MR. VERMINES: Yes.
18	MR. FERTIG: Not necessarily. There were
19	times that we reported rough sections of track and the
20	next day there might be a slow order on there for a few
21	days and then it was taken off. Something may or may
22	not have been done. And other times, the next day
23	there would not even be a slow order. But, again, I
24	certainly understand that just because it is a bumpy
25	section, does not mean it is necessarily apparently

1	unsafe or whatever.
2	MR. VERMINES: Okay.
3	MR. GOBER: Ann Kelly, FRA, do you have any
4	questions?
5	MS. KELLY: Yes.
6	MR. GOBER: Okay. FRA will have a follow up
7	question.
8	MS. KELLY: You were talking about when you
9	applied the emergency that the end of train does not
10	initiate.
11	MR. FERTIG: You have to initiate that
12	manually.
13	MS. KELLY: Okay. So, it is not
14	interconnected. Has any of the equipment that Amtrak
15	has or was it just this new equipment that did that?
16	MR. FERTIG: Well, let me clarify for you in
17	case you don't fully understand. The end of train
18	device simply, all it allows you to do, it allows you
19	to initiate an emergency application from the rear of
20	the train as opposed to the automatic brake, which
21	would apply the emergency from the locomotive. Okay.
22	In other words, it is, it could be considered a
23	secondary means of applying the brake in an emergency.
24	And the brake actually did apply in emergency to the
25	rear of the train, but it happened from my initiation

1	or it happened from the train as oppose to me manually
2	activating that feature from the other train.
3	MR. GOBER: And further clarification of the
4	end of train device. If you had had just passenger
5	cars and no freight equipment, would you have had an
6	end of train device on your train?
7	MR. FERTIG: We would not be required to have
8	one.
9	MR. GOBER: Does Amtrak require you to have
10	one?
11	MR. FERTIG: When, under what, what do you
12	mean?
13	MR. GOBER: Well, if you don't have any
14	freight equipment on the rear of the train.
15	MR. FERTIG: No, we are not required to have
16	one, no.
17	MR. GOBER: Okay. So, you don't run one if
18	you do not have freight cars on the rear of the train?
19	MR. FERTIG: Basically the answer is yes. It
20	depends on the ratio of the freight cars to passenger
21	cars.
22	MR. GOBER: Okay. Okay. Any follow up on
23	that, any other explanation on that?
24	MR. FERTIG: No.
25	MR. GOBER: Okay.

1	MS. KELLY: The last thing I want to know is,
2	is you were talking about if you had to look up in your
3	rule book to see what to do for that, is there any kind
4	of set procedure that if you have a problem, even
5	looking in the rule book, that you don't understand or
6	need clarification, what you are suppose to do or
7	MR. FERTIG: Well, yeah, call the train
8	dispatcher. But, I felt like, I mean, I knew there
9	would be something involved with the crossings, and so
10	that is why since there was a crossing about a mile
11	outside of Murray, I slowed down greatly before I
12	reached that crossing to give myself time to look at
13:	the rule real quickly, because I knew about where to
14	find it. And I just wanted to look up the rule myself,
15	so, before I called the dispatcher, you know, I didn't
16	want to ask him what the rule was, I wanted t know what
17	the rule was, and once I ascertained that, I called in
18	just to confirm that my interpretation of the rule was
19	correct, which it was.
20	MS. KELLY: I think that is it.
21	MR. GOBER: Okay. Tom Dwyer with UTU.
22	MR. DWYER: I have one question. When you
23	talked about receiving your orders by fax, have you
24	ever had a problem with receiving form A's, form B's,
25	any kind of train orders or any documentation or

1	anything that you were faxed clarity?
2	MR. FERTIG: Yes.
3	MR. DWYER: Has that ever been an issue?
4	MR. FERTIG: Yes, it has.
5	MR. DWYER: How has that been addressed?
6	MR. FERTIG: Well, they have, they have placed
7	new equipment in there that and since they have placed
8	the new equipment in we have been receiving orders more
9	reliably and there has not been a problem with clarity
10	or legibility in recent times.
11	MR. DWYER: So, that issue was an issue, but
12	it has been resolved in your opinion.
13	MR. FERTIG: In my opinion it has been
14	resolved in Lincoln and in Ottumwa, although we
15	continue to have problems in Omaha.
16	MR. DWYER: So, that
17	(Change of tape.)
18	MR. GOBER: Okay. Tape A finished at 10:40
19	and we are now on side B with Engineer Rich Fertig.
20	Okay. Back on the record. We are talking
21	with Engineer Rich Fertig.
22	Rich, if you would continue with the answer
23	that you were making on bulletins with UTU
24	representative, Tom Dwyer.
25	MR. FERTIG: Okay. Well, I had finished my

1	answer.
2	MR. DWYER: Let's just repeat that, because I
3	don't know where the end of that tape was.
4	MR. FERTIG: Certainly.
5	MR. DWYER: So, my question to you was is
6	there a problem with fax clarity and you said that
7	there was. In some locations, it had been rectified,
8	but, you felt in your opinion at Omaha this was an
9	issue that still needed to be resolved, is that
10	correct?
11	MR. FERTIG: That is correct. That is
12	correct.
13 -	MR. DWYER: Thank you, I have no further
14	questions.
15	MR. GOBER: Okay. In that regard, from
16	Ottumwa to the point of the accident, did you have any
17	train orders, bulletins or any information that had
18	been faxed to you that was not legible?
19	MR. FERTIG: No, it was all legible.
20	MR. GOBER: And you understood your rules and
21	regulations and bulletins?
22	MR. FERTIG: Yes.
23	MR. GOBER: Is that correct?
24	MR. FERTIG: That is correct.
25	MR. GOBER: Okay. All right. We will now ask

1	Paul Fields with Brotherhood Locomotive Engineers if he
2	has any follow up questions?
3	MR. FIELDS: No, I don't, thank you.
4	MR. GOBER: Okay. Mr. Ferrer with Amtrak?
5	MR. FERRER: No.
6	MR. GOBER: Mr. Yeager with Burlington Santa
7	Fe?
8	MR. YEAGER: Rich, I wanted to ask you I guess
9	an opinion question, if you will, regarding the times
10	from Creston to Corning when your conductor was on the
11	second unit. Just from your background and experience
12	as an engineer, do you have a comment as to the
13	loudness or clarity of the whistle while it being blown
14	off the second unit? Was it sufficient from your
15	perspective?
16	MR. FERTIG: In my opinion was that it was
17	sufficient. Because I had the window open and it
18	sounded quite loud to me. And I would feel comfortable
19	running with that method of operation.
20	MR. YEAGER: Okay. And also, regarding, the
21	comments regarding right quality on the track
22	condition. Are you aware if Amtrak does make routine
23	and regular inspections across the various segments
24	that you operate over for a test of right quality or
25	track conditions?

1		MR. FERTIG: My understanding is that they do,
2		and but I don't know the details as to exactly how that
3		inspection is done or how often it is done.
4		MR. YEAGER: Okay. Do you know if, in fact,
5		that segment say from Ottumwa to Lincoln has been
6		inspected in recent history by Amtrak personnel?
7		MR. FERTIG: I don't know that for sure, no, I
8		don't.
9		MR. YEAGER: Okay. Thank you very much.
10		MR. GOBER: Okay. We have now questioned
11		locomotive engineer Richard Fertig and if there are no
12		further questions, we will recess at this point. And
13	*	you were free to go, Richard. We appreciate your
14		testimony and you gave us your phone number when we
15		started.
16		MR. FERTIG: I believe I did, yes.
17		MR. GOBER: Do you have any objections if I
18		call you if we have any further questions?
19		MR. FERTIG: Not at all. Please do.
20		MR. GOBER: Okay. Well, then we will recess
21		now and you are free to go and thank you for coming.
22		MR. FERTIG: Okay. Thank you.

(Whereupon, the interview was concluded.)

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REPORTER'S CERTIFICATE

This is to certify that the attached proceedings before: NTSB

In the Matter of:

LIVE TAPES

were held as herein appears and that this is the original transcript thereof for the file of the Department, Commission, Administrative Law Judge or the Agency.

EXECUTIVE COURT REPORTERS, INC. 1320 Ferwick Lane, Suite 702 Silver Spring, MD 20910 (301) 565-0064

Official Reporter

Dated: MARCH 2001

NATIONAL TRANSPORTATION SAFETY BOARD

In the Matter of:

AMTRAK TRAIN NO. 5 DERAILMENT ON BURLINGTON * Docket No. DCA01MR003 NORTHERN SANTA FE RAILWAY * Nodaway, Iowa

Nodaway, Iowa

PRESENT: RUSSELL F. GOBER

INTERVIEW OF:

LAWRENCE RUDOLPH

ORIGINAL

1	PROCEEDINGS
2	MR. GOBER: My name is Russell Gober. I am
3	Operating Practices, or Operations Group Chairman for
4	the National Transportation Safety Board.
5	And we will now interview the conductor who
6	was on Amtrak Train number five of the 17th, Mr.
7	Lawrence Rudolph.
8	Mr. Rudolph, would you please give us your
9	name, address and phone number?
10	MR. RUDOLPH: My name is Lawrence Rudolph. My
11	address is Lincoln, Nebraska.
12	My phone number is area code
13	MR. GOBER: Mr. Rudolph, could you tell us
14	when you started to work with Amtrak?
15	MR. RUDOLPH: I started with Amtrak in March
16	of 1989.
17	MR. GOBER: Have you had any railroading
18	experience other than Amtrak?
19	MR. RUDOLPH: Yes, I hired out on the
20	Burlington Northern Railroad in August of 1978.
21	MR. GOBER: Any railroading experience beyond
22	that?
23	MR. RUDOLPH: No.
24	MR. GOBER: Okay. And you were working as
25	conductor on the 17th when it derailed?

1	MR. RUDOLPH: Yes, I was.
2	MR. GOBER: Could you tell me where it
3	derailed?
4	MR. RUDOLPH: Derailed approximately,
5	approximately milepost 420.
6	MR. GOBER: Okay. And that would have been
7	in Nodaway, Iowa, is that correct?
8	MR. RUDOLPH: Yes, sir, yes.
9	MR. GOBER: Okay. That is what I was trying
10	to get to in the beginning and I had forgotten where it
11	was.
12	MR. RUDOLPH: Okay.
į 13	MR. GOBER: Okay. When you went on duty on
14	the night of the 17th, where did you go on duty?
15	MR. RUDOLPH: I went on duty at Chicago Union
16	Station.
17	MR. GOBER: Okay. And where do you work to
18	from that location?
19	MR. RUDOLPH: I work to Omaha, Nebraska.
20	MR. GOBER: Okay. So, how many hours had you
21	been on duty the night this wreck happened?
22	MR. RUDOLPH: Well, I went on duty at 2:55
23	p.m. and the derailment occurred at 11:45 p.m.
24	MR. GOBER: Have you worked out how many hours
25	that is?

1	MR. RUDOLPH: No, I haven't.
2	MR. GOBER: Okay. Were you rested in
3	accordance with the hours of service?
4	MR. RUDOLPH: Yes, I was.
5	MR. GOBER: Okay. Before you departed
6	Chicago, how many hours had you been off?
7	MR. RUDOLPH: I had been off since 5:23 p.m.
8	the day before.
9	MR. GOBER: Okay. How many days had you had
10	worked in the last five days before you started on
11	this?
12	MR. RUDOLPH: Well, let's see. I work every
13	Monday and Tuesday and I work every Friday and
14	Saturday. So, I would have had two days off prior to
15	that going out on the 16th.
16	MR. GOBER: Okay.
17	MR. RUDOLPH: So, I would have worked the, I
18	believe I would have worked the 12th, 12th and the 13th
19	of March prior to this assignment.
20	MR. GOBER: Okay. And then you would have
21	been off?
22	MR. RUDOLPH: I was off in excess of 48 hours
23	before that.
24	MR. GOBER: Okay. Whenever you departed
25	Chicago, you had a different locomotive engineer than

1	you had when the accident occurred, is that correct?
2	MR. RUDOLPH: That is correct. We change
3	engineers at Ottumwa, Iowa.
4	MR. GOBER: Okay. Had you had any
5	conversation with the engineer that was operating the
6	train prior to Ottumwa, Iowa? The first engineer.
7	MR. RUDOLPH: The first engineer. Well, we
8	had a job briefing in Chicago.
9	MR. GOBER: Okay.
10	MR. RUDOLPH: Prior to departure. And we
11	stayed in radio communication, standard procedures,
12	operating procedures, we stayed in contact.
13	MR. GOBER: Did you have any problems with the
14	radio during that trip?
15	MR. RUDOLPH: I don't recall any.
16	MR. GOBER: Okay. Did you have any problems
17	with the train of any kind that you are aware of before
18	you got to Ottumwa, Iowa?
19	MR. RUDOLPH: Well, we lost our head in power
20	a couple of times, and it showed the train line
21	incomplete. So, at Ottumwa, Iowa, we shut the head in
22	power off and I started shaking cables and isolated the
23	problem and secured the electrical cable and everything
24	worked fine from thereon in. It fixed the problem.
25	MR. GOBER: Okay. So, your head in power was

1	the generating system that supplied the power to the
2	train.
3	MR. RUDOLPH: That is correct.
4	MR. GOBER: Okay. And it is located on the
5	first locomotive or
6	MR. RUDOLPH: Yes.
7	MR. GOBER: Okay. So, after you isolated the
8	problem, how did you fix it?
9	MR. RUDOLPH: I took the, it was just a loose
10	connection. So, I took the old tie straps off and I
11	put new tie straps on it, secured it and I put new tie
12	straps on it, and it was fixed from that point on. We
13	had no more problems with it.
14	MR. GOBER: Okay. Were you aware of any
15	problems with the train, as far as the running gear of
16	the train at any time from Chicago prior to the
17	accident?
18	MR. RUDOLPH: No.
19	MR. GOBER: Okay. Did you guys make a brake
20	test out of Chicago?
21	MR. RUDOLPH: Yes, we did.
22	MR. GOBER: What kind of brake test did you
23	make?
24	MR. RUDOLPH: We did our running air test when
25	we departed Chicago.

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1	MR. GOBER: Okay. Did you have anything to
2	do with that or did you just feel it or
3	MR. RUDOLPH: Yes, I did. No, no, I am always
4	located, I am always in the vestibule and listening for
5	the brakes and feeling the brake set up and I let them
6	know when I felt the brakes set up and when they
7	release. You can feel it distinctly.
8	MR. GOBER: Okay. You made several passenger
9	stops in route, is that correct?
10	MR. RUDOLPH: That is correct.
11	MR. GOBER: Did the brakes function properly
12	during that time?
13	MR. RUDOLPH: Yes, they did.
14	MR. GOBER: Okay. So, you didn't have any
15	problem with the braking of the train.
16	MR. RUDOLPH: No problems, no.
17	MR. GOBER: All right. Did you have any
18	occasion to hear any unusual noises or anything unusual
19	in the train here in trip prior to the accident?
20	MR. RUDOLPH: Nothing unusual.
21	MR. GOBER: Okay. Anybody in passing trains
22	report any problems to you of any kind?
23	MR. RUDOLPH: No, they did not.
24	MR. GOBER: Did you pass any trains?
25	MR. RUDOLPH: Yes, we passed trains.

1	MR. GOBER: Okay. You operated at track
2	speed whenever you could?
3	MR. RUDOLPH: Yes, sir.
4	MR. GOBER: Okay. And that would be up to 79
5	miles per hour, is that correct?
6	MR. RUDOLPH: Yes, that is correct.
7	MR. GOBER: Okay. Did you have any unusual
8	feel in any of the cars that you were aware of as to
9	the way the train was traversing over the track?
10	MR. RUDOLPH: No.
11	MR. GOBER: Okay. So, do you feel that the
12	equipment on the train was mechanically sound?
13	MR. RUDOLPH: Yes, I do.
14	MR. GOBER: Did you have any, any change to
15	look at the train at any time through the windows or
16	MR. RUDOLPH: Well
17	MR. GOBER: While you were on the ground
18	stopped or
19	MR. RUDOLPH: I make a pretty thorough
20	evaluation of the train before I leave Chicago. I look
21	every car over for low hanging hoses and anything that
22	might be dragging. And I look it over very thoroughly
23	in Chicago and everything, everything was just fine.
24	MR. GOBER: Okay. So, you didn't have
25	anything outside the train that could have been making

1	unusual sounds or
2	MR. RUDOLPH: That is correct.
3	MR. GOBER: or could get hung into a frog
4	or something that you could see that could caused the
5	train to derail itself.
6	MR. RUDOLPH: That is right. Everything was
7	fine.
8	MR. GOBER: Okay. Just in your own words,
9	give me just a little synopsis of your run up to the
10	derailment, from Chicago. And you don't have to get
11	bogged down in the beginning, but as we get down to,
12	talk about it.
13	MR. RUDOLPH: Well, it was a routine trip.
14	That is about all I can say. We made our station
15	stops. The train was running fine except for the head
16	in power that went out at a couple of different times.
17	And that was the little situation with the power was a
18	routine problem that happens occasionally. It is very
19	easy to fix. We fixed it. And we went on from there.
20	I have nothing other to say, other than it was a
21	routine trip. We had no problems, encountered any
22	problems or anything out of the ordinary.
23	MR. GOBER: Okay. Well, I understand that
24	you had some kind of a whistle problem. Can you just
25	tell us all you know about the whistle problem?

1 MR. RUDOLPH: Yes. We departed Osceola, Iowa 2 and at some point between Osceola and our next station 3 stop at Creston, Iowa, which is a 30 minute run, the 4 engineer reported to me that we had a, the whistle 5 failed on the lead locomotive. So, at that point we knew that we needed to address this. He contacted the, 6 he slowed down for the crossings and contacted the 7 train dispatcher to reaffirm, you know, what our 8 position on that was, in terms of protecting crossings. 9 And we were instructed by the, I believe the Kansas 10 11 City line dispatcher, that when we have two people up in the cab, that it would be acceptable for myself to 12 be in the second unit to provide that whistle at road 13 14 crossings and that would be acceptable, so, we could 15 maintain our track speed. MR. GOBER: Did you have any personal thoughts 16 17 on that? MR. RUDOLPH: Well, we, we were just going to 18 19 comply with the train dispatcher. We thought, I thought that we were to slow down at the road, provide 20 21 protection at all the crossings and we confirmed with 22 the train dispatcher and they just said, had checked and said that it would be acceptable to provide 23 protection using the train whistle from the second 24 25 unit. And I had no problems with that.

1	MR. GOBER: Did you feel like that was a safe
2	way to operate?
3	MR. RUDOLPH: I felt that during the time,
4	yes, the whistle was clear, it was loud, and we were
5	able to communicate the upcoming crossings and provide
6	whistle protection in a safe manner.
7	MR. GOBER: Okay. Well, I understand that
8	you changed that to something different.
9	MR. RUDOLPH: Yes.
10	MR. GOBER: Can you tell what that was?
11	MR. RUDOLPH: Yes. We changed train
12	dispatchers when we left Creston, Iowa and the Omaha
13	line dispatcher informed us that, that it would be best
14	to go back to providing physical protection at these
15	crossings, you know, per our rules. So, that wasn't
16	going to be acceptable to them to provide whistle
17	protection from the second unit, that we would have to
18	approach each one of these crossings, public crossings
19	prepared to stop and provide protection at all these
20	crossings.
21	MR. GOBER: Okay. Did you function in that
22	manner over many crossings before the accident
23	occurred?
24	MR. RUDOLPH: We did. We provided
25	crossing like that. We slowed down, prepared to stop,

1	when it was seemed to be clear, or when crossing arms
2	were down and operated, then we proceeded. So, we
3	provided protection at those crossings according to the
4	rules.
5	MR. GOBER: Did you pass over very many
6	crossings like doing that?
7	MR. RUDOLPH: I don't recall how many we
8	crossed. We crossed, we crossed, we had some
9	crossings.
10	MR. GOBER: That is fine.
11	Backing up a little bit. As a conductor, are
12	you required to pass any examinations to be a conductor
13	or
14	MR. RUDOLPH: Yes, we are.
15	MR. GOBER: Okay. When were you qualified to
16	be a conductor?
17	MR. RUDOLPH: I was qualified to be a
18	conductor, I believe, in 1989.
19	MR. GOBER: Okay. Are you required to take
20	any rules examination?
21	MR. RUDOLPH: Yes, we are. At Amtrak we, we
22	take rules every year.
23	MR. GOBER: Okay. When did you have your
24	last rules examination?
25	MR. RUDOLPH: Less than a month ago.

1	MR. GOBER: Okay. Can you just briefly
2	describe what Amtrak covers in your rules classes?
3	MR. RUDOLPH: Well, we cover basically all the
4	rules that we have in our rule book. We go over
5	signals, just everything that is in our rule book.
6	MR. GOBER: Okay.
7	MR. RUDOLPH: We cover a lot of material.
8	MR. GOBER: Did you make a passing grade on
9	your
10	MR. RUDOLPH: Yes, I did.
11	MR. GOBER: In those rules classes do you have
12	any special training on how to handle emergency
13	situation like a derailment?
14	MR. RUDOLPH: Well, we have not so much at
15	rules examination classes, but we do have classes more
16	than occasionally that address emergency situations.
17	MR. GOBER: Can you tell me a little bit about
18	those classes, what you learn and what you recall?
19	MR. RUDOLPH: Yes. Last fall I attended a
20	class which I believe we went over emergency
21	evacuation. We went over CPR. And we communicated
22	with each other on scenarios, what, and learned off the
23	history of other accidents what to do. So, I just
24	recently completed one of those courses.
25	MR. GOBER: Okay. Well, I understand there

1	is a lot of activity that you are expected to kind of
2	oversee in case of an derailment, basically, highlight
3	what you would do after a wreck.
4	MR. RUDOLPH: Would like for me to tell you
5	what I did at this particular time?
6	MR. GOBER: I would.
7	MR. RUDOLPH: Okay. You said a wreck, not
8	this wreck.
9	MR. GOBER: Right. I want you to tell me all
10	you know about it and what you did this time.
11	MR. RUDOLPH: Okay. What happened this was,
12	I was, as everyone knows I was in the lead locomotive
13	when the train, the derailment occurred. I immediately
14	got off the locomotive and went back and was going to,
15	and described what I saw to the engineer so he could
16	pass that information off to the train dispatcher. We
17	didn't know the extent of the derailment.
18	MR. GOBER: Did you have a portable radio?
19	MR. RUDOLPH: Yes, I had a portable radio and
20	when I first got off the engine, the engineer had
21	already stated "emergency, emergency, emergency" and
22	was in contact with the train dispatcher. I went back
23	and I couldn't see our train. And I told the engineer,
24	"I can't see our train. I am going to keep on going."
25	When I got into view of the accident scene, I could see

1	cars in the ravine. I saw the whole mess. And I told
2	him that it was real bad, that, I told him over the
3	radio, it is real bad, get as much help out here as you
4	can. At that point, I veered off to my left where the
5	first car, the crew car was in the ditch. An employee
6	was just starting to come out of there.
7	MR. GOBER: How far back from the engines was
8	that car located?
9	MR. RUDOLPH: From the engines to the first
10	car. Maybe, maybe an eighth of a mile. It wasn't, it
11	didn't take me long to jog back there.
12	MR. GOBER: The locomotive is actually
13	separated from the train.
14	MR. RUDOLPH: Yes.
15	MR. GOBER: How many locomotives, two engines?
16	MR. RUDOLPH: We had two, yes, we had two
17	engines and we had a cow train, some equipment that was
18	being deadheaded out to California, was right behind
19	our locomotive unit.
20	MR. GOBER: Did those, did the engines derail?
21	MR. RUDOLPH: I never did get on that side to
22	look. I, I, I got off on the south side of the train,
23	and my concern was to get back to the train. I didn't
24	look to see if, we were up, we didn't fall over, so, my
25	concern was to get back and render aid. I didn't look

1	to see if anything was derailed. I just went back.
2	MR. GOBER: Okay. So, you went back and the
3	first car was a crew car, and that was the fourth car
4	on the train?
5	MR. RUDOLPH: Yes, that is correct. And I
6	believe the first person I saw was the assistant
7	conductor coming out of the car. And I told him, are
8	you okay, yeah, okay. I told him I was going to come
9	over and ascertain the injuries in the other car that
10	was in the ditch. So, basically, what I did was I went
11	to all the cars and tried to assess where the critical
12	injured might be. I went to, I surveyed the damage and
્ 13	before, the rescue response came within 15 minutes, so,
14	I had ascertained where we needed the emergency people,
15	so when they did arrive, I was able to dispatch them to
16	the places where we needed them now.
17	MR. GOBER: Fifteen minutes from the time of
18	the accident, that is pretty prompt, isn't it?
19	MR. RUDOLPH: Yes, very prompt. It was
20	amazing.
21	MR. GOBER: What kind of equipment did they
22	respond with?
23	MR. RUDOLPH: The first people on the site, I
24	believe, was either a county officer or a state
25	patrolman, one of the other. I don't recall.

1	MR. GOBER: Did you have nearby places to take
2	your uninjured passengers to?
3	MR. RUDOLPH: Well, there was a level place,
4	when we brought them up from the ravine, there was a
5	level area where the tracks once were, where people
6	gathered. So, that was a safe place for them to be.
7	There were no down power lines or anything around there
8	and it was a safe place. Once we got them up, up the
9	ravine and onto flat ground, they were in a safe place.
10	MR. GOBER: Okay. I understand it happened
11	about 11:40 p.m., so this was like 12:05 or so when you
12	first
13	MR. RUDOLPH: Yes.
14	MR. GOBER: Okay. What kind of lighting did
15	you have? What kind, how did you lead the people
16	around?
17	MR. RUDOLPH: Well, I personally had a
18	flashlight on me. And the cars had, the emergency
19	lighting was working on the cars. And also it wasn't
20	too soon after, glow sticks that we have on the train
21	were used and passengers were opening them up and you
22	could see a lot better. But, basically, I had my
23	flashlight.
24	MR. GOBER: Do you think the glow sticks were
25	helpful?

1	MR. RUDOLPH: Oh, it was, it was very
2	comforting to the passengers. Very comforting. Yeah,
3	it is a necessity.
4	MR. GOBER: Okay. Well, I take a lot of
5	pride in that because I recommended that.
6	MR. RUDOLPH: They are very comforting to the
7	passengers.
8	MR. GOBER: Well, I am glad they were.
9	The passengers found the glow sticks where?
10	MR. RUDOLPH: We handed them out.
11	MR. GOBER: Okay.
12	MR. RUDOLPH: They didn't, you know, they
13	weren't, after I ascertained where the injured where,
14	we started handing the glow sticks out.
15	MR. GOBER: Okay. And you have a locker full
16	of them?
17	MR. RUDOLPH: Yes, we know right where they
18	are located at.
19	MR. GOBER: Okay. And you got all the people
20	together in one place where they were safe.
21	MR. RUDOLPH: That is right.
22	MR. GOBER: Okay. Then, then what did you
23	do?
24	MR. RUDOLPH: Well, I tell you what, what I
25	personally did after the emergency people started

1	arriving, I was assisting in the 11th car which is
2	where we had the fatality at. We got the medical
3	people over to where that lady was injured at. She was
4	our first concern.
5	MR. GOBER: Was she still alive whenever
6	you
7	MR. RUDOLPH: Well, I was, I don't know,
8	because what I saw, I communicated with the people next
9	to her and they communicated her condition to me, I
10	couldn't get to where she was at without, you know, a
11	problem.
12	MR. GOBER: I mean, what did they tell you?
13	Did they tell you
14	MR. RUDOLPH: She was unconscious.
15	MR. GOBER: Okay.
16	MR. RUDOLPH: And she needed help bad and I
17	tried to assure them that they were, that
18	MR. GOBER: That help was on the way.
19	MR. RUDOLPH: Yeah, and that is where, and
20	then, of course, from then on I went to other cars to
21	see where the problems were at. And I ascertained that
22	that was our most critical patient. When they started
23	coming, we got them right over to there. And after
24	that happened, my priority was with getting the people
25	out of the trains that were overturned, which was the

1	dorm cars, and the 11th car where the passengers were
2	at. Assistant Conductor Dave McGuire was at the dorm
	car, so, he was, when I saw he was okay, relatively
3	
4	speaking okay, I went over to our passenger car and
5	after looking at the other cars, going to the other
6	cars, I returned to the 11th car and assisted people
7	leaving, getting out of that car. We evacuated that
8	car.
9	And then a short period of time later, more
10	people showed up, more people showed up, more people
11	showed up. There were so many people there, firemen, I
12	mean, it was just fantastic.
13	MR. GOBER: Okay. That was a question, was
14	it organized effort?
15	MR. RUDOLPH: Very organized. People
16	communicating well, people were not, there wasn't a
17	struggle over, "well, what should we do?" It was
18	organized. They had portable lighting out there. They
19	had ropes. They had ladders.
20	MR. GOBER: Do you know whether these people
21	had training from Amtrak or Burlington Santa Fe or how
22	they learned to do this?
23	MR. RUDOLPH: I have no knowledge of that.
24	MR. GOBER: Okay.
25	MR. RUDOLPH: So, after, to continue what my

1	role was, after all the medical people and all the fire
2	department came there, it seemed like the rescue was on
3	auto pilot. It seems like it was clicking along very
4	well. And so, another passenger and I went and he was
5	helping evacuate kids and I said, do you want to help
6	me with something and he said, yeah. We went along the
7	ravine looking for people that might have been ejected
8	from the train, that was in-between the cars. My fear
9	was, with as many people as we had on the train, if
10	they happened to be in-between the cars, somebody would
11	most certainly have been ejected from the train. So,
12	the passenger and I, we walked an area along the ravine
13	looking in the areas and we searched both sides.
14	MR. GOBER: Did you find any people?
15	MR. RUDOLPH: No.
16	MR. GOBER: Okay. It sounds like you guys
17	really had a remarkable effort. I understand that you
18	had a total of 15 train crew.
19	MR. RUDOLPH: Yes, 13 onboard people and that
20	information was provided to me by the chief before the
21	trip.
22	MR. GOBER: Okay.
23	MR. RUDOLPH: And two conductors, myself and
24	Dave McGuire.
25	MR. GOBER: And the locomotive engineer.

1	MR. RUDOLPH: The locomotive engineer, would
2	have been the 16th.
3	MR. GOBER: Okay. All right. The function
4	of the conductor and assistant conductor, I think you
5	have pretty well outlined. Did you get any help out of
6	your onboard service personnel?
7	MR. RUDOLPH: Well, I tell you what, I was so
8	busy, I didn't notice. I am going to tell you I
9	noticed, the only people I had contact with during the
10	rescue were Dave McGuire, who is the assistant
11	conductor, and Claudine Robertson, who is the chief.
12	MR. GOBER: Chief Onboard Service.
13	MR. RUDOLPH: Chief Onboard Service. I didn't
14	look around to see. We were busy and to tell you the
15	truth, I didn't notice.
16	MR. GOBER: Okay. Was the, were the
17	activities, you said it was like it was on automatic
18	pilot, were you pleased with the overall effect?
19	MR. RUDOLPH: Oh, yes, very pleased,
20	impressed. It was a fantastic situation.
21	MR. GOBER: Okay. But, do you think your
22	knowledge played any part in that?
23	MR. RUDOLPH: I don't think so. I think it
24	was a group effort. I think we, as a group, we all
25	functioned, we all did what we had to do. And we all,

1	together we got it done.
2	MR. GOBER: Okay. Well, I know for a fact
3	that Amtrak spends a lot of time and a lot of money
4	training people how to function in emergency situation
5	like that. And I would say if it is so automatic now,
6	they must be doing a good job. What are your thoughts
7	on that?
8	MR. RUDOLPH: I think so. You know, you can
9	see films and study the history of what happens, and
10	you know, you can recollect and see what happened in
11	other wrecks, but until you experience it yourself, it
12	is a all new ball game. But, nevertheless, you know
13	what to do. What is new is the feelings that a person
14	experiences, those feelings, but those really don't
15	come into play until the accident, because we all knew,
16	we all know what to do, and we all did it. And I think
17	it was done right, and
18	MR. GOBER: Did you have good communications
19	with Amtrak and with Burlington Santa Fe?
20	MR. RUDOLPH: Yes. Yes. Everybody was very
21	helpful and everybody had the same, and everything
22	turned out just good, really impressive response.
23	MR. GOBER: Okay. Did you have occasion to
24	have any kind of a drug or alcohol test after the
25	accident?

1	MR. RUDOLPH: Yes, they took the train crew to
2	the Creston Hospital to get tested.
3	MR. GOBER: And you were tested?
4	MR. RUDOLPH: Yes, I was.
5	MR. GOBER: Do you use drugs or alcohol?
6	MR. RUDOLPH: No, I do not.
7	MR. GOBER: Okay. Even though you don't know
8	what the results was, you wouldn't have any problem?
9	MR. RUDOLPH: Not at all, not at all.
10	MR. GOBER: Okay. I am pretty impressed with
11	what I hear, I would like to get the other people here
12	that are with us to ask you a few questions.
13	This is Jim Vermines with the NTSB. And I am
14	sorry, we didn't introduce you to everybody, but before
15	Jim starts, if everyone would tell Richard who you are,
16	Mr. Lawrence Richards.
17	MR. RUDOLPH: Rudolph.
18	MR. GOBER: Mr. Rudolph. Excuse me, I am not
19	getting into it too good. I would appreciate it. Go
20	ahead, Ann, tell him who you are.
21	MS. KELLY: I am Ann Kelly. I am an operating
22	practices inspector with the Federal Railroad
23	Administration out of Council Bluffs, Iowa.
24	Can you, can you
25	MR. GOBER: No, we are not going to let you

1	talk.
2	Now tell us who you are?
3	(Introductions were made.)
4	MR. GOBER: Okay. Mr. Yeager?
5	MR. YEAGER: Yeager with
6	MR. GOBER: We will skip. George.
7	We have got a couple of guests that work with
8	Amtrak, if you guys would tell him who you are?
9	MR. LAWSON: Bill Lawson (inaudible)
10	MR. SCOTT: Ron Scott, Systems Operations,
11	Amtrak.
12	MR. GOBER: Okay. Now, Jim Vermines is with
13	the Safety Board. He is a safety specialist. Jim has
14	a few questions for you.
15	MR. VERMINES: Do you know how many passengers
16	there were?
17	MR. GOBER: Come up closer. You don't talk
18	loud enough.
19	(Pause.)
20	MR. RUDOLPH: Do I know how many passengers
21	were on the train at that time?
22	MR. VERMINES: Well, one of the problems that
23	emergency responders have had following derailments
24	like this is knowing how many people are on the train.
25	MR. RUDOLPH: Absolutely.

1	MR. VERMINES: You were out there that night
2	looking to see if you had passengers that had fallen
3	between the cars.
4	MR. RUDOLPH: Exactly.
5	MR. VERMINES: Were you able to give the
6	responders any kind of indication of what you had
7	onboard?
8	MR. RUDOLPH: Yes, yes, I did. I kept a
9	current list of where everybody was sitting and how
10	many people were on the train. We had just boarded 70,
11	I believe in excess of 70 people at Osceola, Iowa.
12	Twenty one minutes after we left Osceola, 21 minutes
13	after we boarded these 70 people, I have got, I
14	communicated with the engineer as to, he communicated
15	with me about the problem with the whistle, so, my
16	attention to handle the situation with the whistle. I
17	had a real accurate count of people just because after
18	I took the tickets, after I took the tickets at
19	Osceola, I went through and made up a seat chart, which
20	we use to plan our next seating arrangement in Omaha,
21	Nebraska. So, I had just gotten through making that
22	seat chart out. So, I wrote who was in every seat.
23	So, I had a real accurate head count that I made that
24	from. I still had tickets in the ticket, on the
25	conductor's desk, spread out, you know, in order. I

1	had tickets in my pocket. Assistant Conductor Dave
2	McGuire had tickets. We had just boarded over 70
3	people. We hadn't had a chance to count them.
4	Although I had an accurate count from my list that I
5	had just made up. And in terms of the sleeping car, we
6	had, we knew how many people were in the sleeping car,
7	because I had counted them up before we had gotten into
8	Osceola. So, I had a pretty accurate count. And I let
9	the emergency people know as soon as I had time, after
10	we got done evacuating people, I took my list out of my
11	pocket and I counted them up and I let everybody know,
12	I mean, the emergency people, they were taking to
,13	shelter, I said, I am the conductor, I want you to know
14	we have blah, blah, X amount of people on the train.
15	When I saw somebody else, emergency, I said, I let them
16	know we had this many. I wanted the word to get out,
17	so whoever was taking these people to the shelter,
18	would kind of anticipate what kind of people they are
19	getting. And so, I had that figure of approximately
20	195, was the figure I gave them, based on, based on
21	basically my seat chart that I made out.
22	MR. VERMINES: Was anyone on the train
23	required to have
24	MR. RUDOLPH: Yes, they are.
25	MR. VERMINES: (inaudible)

1	MR. RUDOLPH: That is right.
2	MR. VERMINES: information, on the train,
3	like Amtrak, does anybody else have that information
4	and how
5	MR. RUDOLPH: It, it, yeah, that information
6	is put in the ticket pouch and that ticket pouch makes
7	its way back to, I believe, accounting, everything is
8	all put in this pouch at the end of the train and it is
9	forwarded to the, I believe the accounting office.
10	But, that information stays with the train and it is
11	passed on.
12	MR. VERMINES: Okay. If you were disabled,
13	though, would anybody else have that information?
14	MR. RUDOLPH: If I were disabled?
15	MR. VERMINES: Let's say that this had been a
16	collision or something, would someone have had that
17	information and been able to give it out? What I am
18	saying is, like Amtrak has an operations center, from
19	the way I understand it, do they have that information?
20	Were they able to call for the emergency and
21	MR. RUDOLPH: They would have had, yes, they
22	would have had a manifest reflecting who had
23	reservations. And that doesn't mean that those people
24	necessarily made the trip. They might have been a no
25	show. And that may not have included anybody, quite

often we have people that get on the train without
reservations. They know our schedule, they come to the
train and they purchase a ticket onboard at the highest
fare, of course, because they didn't make reservations,
but, they, they have got the information as to who has
a reservation.

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MR. VERMINES: Is there anything that you saw as shortcoming at the accident scene that you --

MR. RUDOLPH: Yes, yeah, I do. The, the tickets went all over the place. And so, I am sure we didn't recover all the tickets. It would have been helpful to have a certain area where they are always kept, maybe a secure place to put them, while the train is in route. And that would be a recommendation. if anybody came in to that train, they would, they would know to look to get the ticket pouch and the tickets and the manifest for the train. It would be a location that is marked and identified. The tickets wouldn't have went scattering all over the place had there been a place to put perhaps dead tickets, tickets that people whose trips have already been fulfilled, they are off the train, they could be in this compartment. And then live tickets in another area, and they wouldn't have went scattering all over. could have went and got the tickets right there. And,

1	and the manifest, I don't even know where, everything
2	went flying. And people were trampling through the
3	cars, so, the tickets, manifest, paperwork could have
4	been destroyed just by the feet rubbing. A lot of
5	pertinent information could be placed in a compartment
6	or something and it wouldn't have been scattered
7	around.
8	MR. VERMINES: Thank you.
9	MR. GOBER: Okay. Ms. Kelly with FRA, do you
10	have any questions?
11	MS. KELLY: Yes. Thank you.
12	MR. GOBER: Get you get a little closer.
13	MS. KELLY: Do you want to explain what you
14	call a running air test?
15	MR. RUDOLPH: The engineer applies his brakes
16	as we leave an initial terminal. A running air test is
17	also required when we have a crew change. When we get
18	our new engineer, we always do running air test. The
19	engineer applies the brakes. We see that the brakes are
20	working, the train is coming, is slowing down. And then
21	we ascertain that the brakes have released and that
22	they are working properly. And we did two air brake,
23	two running air brakes tests on our train prior to the
24	accident.

MS. KELLY: One in Chicago and --

25

1	MR. RUDOLPH: One in Chicago, one when we
2	changed engineers at Ottumwa.
3	MS. KELLY: Okay. And did any mechanical
4	conduct an air test?
5	MR. RUDOLPH: They would have done an air
6	test, initial test at Chicago Union Station.
7	MS. KELLY: Did they give you any air slip or
8	verbally tell you that it had been conducted
9	MR. RUDOLPH: The slips, the slips are in the
10	locomotive, yes.
11	MS. KELLY: When you were in the second unit,
12	did you notice anything unusual?
13	MR. RUDOLPH: It was chilly and I turned the
14	temperature up. Otherwise everything was normal.
15	MS. KELLY: Okay. In your own mind, this is
16	just asking what you may have thought, not asking you
17	to interpret their, the other people's thoughts. What
18	do you think, why do you think that the dispatchers,
19	the two different dispatchers had different ideas about
20	providing protection for the road crossings?
21	MR. RUDOLPH: I don't want to try to, I can't
22	say, I don't know.
23	MS. KELLY: Oh, last one. Have you heard
24	about the SOFA?
25	MR. RUDOLPH: Well, I don't recollect it, not

1	right off hand.
2	MS. KELLY: Do you want me to tell what it is
3	again?
4	MR. GOBER: No, we know what it is.
5	MS. KELLY: That should do it.
6	UNIDENTIFIED SPEAKER: Maybe you should tell
7	him what it is.
8	MS. KELLY: It is a, it is called Switching
9	Operations Fatality Analysis.
10	MR. GOBER: And the reason why it is
11	interesting possibly to you is because they go through
12	some of the radio procedures of what to do in case of
;13	an emergency. This is a main line operations, so, it
14	doesn't really apply.
15	MS. KELLY: Yes, it is kind of like job safety
16	planning.
17	MR. GOBER: Okay. Mr. Dwyer, do you have any
18	questions?
19	MR. DWYER: Yes, sir.
20	Mr. Rudolph, first of all, thank you for all
21	that you have the passengers. We all appreciate
22	that. You did an excellent job.
23	MR. RUDOLPH: Thank you.
24	MR. DWYER: You were on the head at the time
25	that this all started?

1	MR. RUDOLPH: That is correct.
2	MR. DWYER: Can you tell us a little in your
3	own words, when you knew things were going sour on you?
4	What was going on, what your thoughts were?
5	MR. RUDOLPH: Right. Like I said, it was
6	routine up until then and everything all happened at
7	once. And it happened very quickly and the engineer
8	responded immediately. It all happened within, within
9	seconds of realizing we were on the ground, which
10	happened immediately. The engineer immediately,
11	immediately was on the radio. It all happened, it all
12	happened so fast that, I don't know what to say, just
13	it all happened fast.
14	MR. DWYER: When the, at the point when, in
15	your mind, you knew that something was wrong, what
16	triggered that?
17	MR. RUDOLPH: An unusual sensation. I felt it
18	one other time when I was working a coal train, when I
19	worked for the Burlington Northern, I was on a train
20	that we derailed and it was a similar feeling. There
21	was a like a lurching or a just quick all of sudden, I
22	don't recall whether it was a sensation that we
23	dropped, whether we felt slack action. It was just a
24	feeling that was not, it was an unusual feeling. We
25	knew what it was. It all happened so fast, that

1	unusual feeling occurred. The air broke, Richie put
2	the train into emergency, we are on the ground, we
3	realize it immediately. Richie was on the radio
4	immediately. So, it was ascertained immediately what
5	had happened. And we weren't moving that fast,
6	relatively speaking.
7	MR. DWYER: One more question. Are you
8	familiar with, has anyone discussed with you post
9	incident critical stress debriefing?
10	MR. RUDOLPH: Not in any detail.
11	MR. DWYER: I am sure that Amtrak has such a
12	program and I would encourage you to seriously consider
13	talking with someone because these are tough.
14	MR. RUDOLPH: Right.
15	MR. DWYER: And you did a hell of a job and
16	just so you take care of yourself, so I would encourage
17	you to talk to someone.
18	MR. RUDOLPH: Okay. Thank you.
19	MR. DWYER: Thanks for your help.
20	MR. GOBER: Okay. Mr. Ble, do you have any
21	questions?
22	Okay, George, you can take a go.
23	UNIDENTIFIED SPEAKER: Just one quick one, Mr.
24	Rudolph. In your 23 years
25	MR. GOBER: Can you come up, because I am

1	afraid that far back
2	UNIDENTIFIED SPEAKER: All right. In your 23
3	years experience both on Burlington Northern and with
4	Amtrak, have you had other incidents where you have had
5	whistle failures in route, that you recall?
6	MR. RUDOLPH: I don't recall any.
7	UNIDENTIFIED SPEAKER: Okay. So, this is the
8 .	first time for you also.
9	MR. RUDOLPH: I believe so, yes.
10	UNIDENTIFIED SPEAKER: Okay. That is really
11	all I had. I just also want to applaud your actions
12	and that of your crew.
13	MR. RUDOLPH: Thank you. It was a team
14	effort.
15	MR. GOBER: I would like to thank you on
16	behalf of the Safety Board. We are about to run out of
17	tape, so I will do it real quick.
18	We will place the interview in recess. If
19	you would, do you mind if I give you a call in the
20	event that we have further questions?
21	MR. RUDOLPH: No, you may call me.
22	MR. GOBER: Okay. Thank you very much. You
23	are released to go and we are off the record.
24	MR. RUDOLPH: Thank you very much.
25	(Whereupon, the interview was concluded.)

REPORTER'S CERTIFICATE

This is to certify that the attached proceedings before: NTSB

In the Matter of:

LIVE TAPES

were held as herein appears and that this is the original transcript thereof for the file of the Department, Commission, Administrative Law Judge or the Agency.

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Official Reporter

Dated: MARCH 2001

5 ·

NATIONAL TRANSPORTATION SAFETY BOARD-

In the Matter of:

AMTRAK TRAIN NO. 5

DERAILMENT ON BURLINGTON * DON'THERN SANTA FE RAILWAY *

* Docket No. DCA01MR003

Nodaway, Iowa

PRESENT: RUSSELL F. GOBER

INTERVIEW OF:

DAVE MCGUIRE

RECEIVED NTSB OFC OF JUDGES WASHINGTON. D.C.

1	PROCEEDINGS .
2	MR. GOBER: On the record at 2:10 on Monday,
3	the 19th of March 2001.
4	Okay. Could you give us your name and
5	address, please?
6	MR. MCGUIRE: My name is David McGuire. And I
7	live at 19394 Ridgeview Road in Council Bluffs, Iowa.
8	MR. GOBER: Okay. What is your phone number,
9	David?
10	MR. MCGUIRE: It is area code .
11	MR. GOBER: Okay. You work for Amtrak?
12	MR. MCGUIRE: Yes, sir, I do.
13	MR. GOBER: How long have you worked for
14	Amtrak?
15	MR. MCGUIRE: My hire on date was July, I
16	believe it was the 26th of last year.
17	MR. GOBER: Of 2000?
18	MR. MCGUIRE: 2000.
19	MR. GOBER: Okay. And what do you do in your
20	position with Amtrak?
21	MR. MCGUIRE: I am an assistant conductor for
22	Amtrak.
23	MR. GOBER: Okay. What do you do as an
24	assistant conductor?
25	MR. MCGUIRE: Basically, I work with and for

1	the conductor. I do what the conductor needs me to do
2	to fill in the spaces where he needs help or assisting
3	just generally on the job of taking care of the train.
4	MR. GOBER: Okay. Just from your own words;
5	tell us what happened on the date of the accident.
6	Where you went on duty and then what happened?
7	MR. MCGUIRE: The day started at, I went on
8	duty at 2:55 p.m. on Saturday afternoon. Butch, I call
9	him Butch, Lawrence Rudolph and myself had talked about
10	what was going to happen. We had already been down to
11	Union Station early before
12	MR. GOBER: And that was in Chicago?
13	MR. MCGUIRE: In Chicago, right, at Union
14	Station. And we reviewed what was going to happen all
15	the way from here to Omaha, Chicago, I should say, to
16	Omaha, and what we needed to do to make everybody's job
17	easy and make it a quick and safe run.
18	MR. GOBER: Would you have changed crews in
19	Omaha?
20	MR. MCGUIRE: Yes, we change in Omaha. The
21	relief crew is the Denver crew.
22	MR. GOBER: Okay. And then you would have
23	been off duty for a few hours and then gone back
24	towards Chicago.
25	MR. MCGUIRE: I am sorry, I don't

1	MR. GOBER: Okay. Whenever you arrived in
2	Omaha were you going to get off the train?
3	MR. MCGUIRE: Right, that is the end of it.
4	I, we began our trip in Omaha, and we go to Chicago.
5	We lay overnight in Chicago, and then our return trip
6	would be from Chicago back to Omaha. So, we were on
7	our return trip back to Omaha.
8	MR. GOBER: Okay. What are your regular days
9	off?
10	MR. MCGUIRE: I am on the extra board.
11	MR. GOBER: Okay.
12	MR. MCGUIRE: So, I don't
13	MR. GOBER: What jobs had you worked in the
14	past five days prior to this accident?
15	MR. MCGUIRE: I had not.
16	MR. GOBER: Okay. Had you worked in the past
17	10 days before the accident?
18	MR. MCGUIRE: I believe I had. I would have
19	to have my
20	MR. GOBER: Time book.
21	MR. MCGUIRE: My time book.
22	MR. GOBER: But, you made one round trip and
23	you were on the way back home.
24	MR. MCGUIRE: Yes.
25	MR. GOBER: In the five days prior to the

1	accident.
2	MR. MCGUIRE: Within two weeks, I, I believe I
3	was on, I had made a complete round trip, yes.
4	MR. GOBER: Okay. When you started out with
5	the railroad, they gave you some training, was any of
6	it on operating rules?
7	MR. MCGUIRE: Yes, it was.
8	MR. GOBER: Okay. Did you pass your rules
9	training?
10	MR. MCGUIRE: Yes, sir, I did. I just, just
11	last month had the test and passed that.
12	MR. GOBER: For assistant conductor?
13	MR. MCGUIRE: Right. Right.
14	MR. GOBER: Okay. Have you, in your Amtrak
15	testing, they offer testing on and training on
16	emergency situations like your train accident. Have
17	you ever had any of that?
18	MR. MCGUIRE: In safety they did, in class
19	they did go over and showed clips of Bubbnay(ph) and
20	the other one.
21	MR. GOBER: That is all right. You had
22	some
23	MR. MCGUIRE: We have seen a couple of
24	different incidents. In Safety they did go over, you
25	know, if in the event of an accident, how you were

1	going to get out of the cars. They made you fully
2	remove a window, so you could assist and know how to do
3	it from either side of the car.
4	MR. GOBER: Well, you just mentioned something
5	I meant to ask the conductor and I forgot. There were
6	some cars that were turned upside down on their sides,
7	did you have any, did you help any of the passengers
8	evacuate any of those cars that were hard to reach the
9	doors and all? Did you go through any windows through
10	emergency exits and that kind of thing?
11	MR. MCGUIRE: I did. First, I ascertained
12	what the status of the people were in the dorm car,
13	because that is where I was at the time that this
14	happened. By calling up, at that time it was
15	undecided, so I crawled the wall up to the upper level
16	of the dorm to ascertain, to make sure what crew was in
17	the dorm car were okay. And through all the responses
18	I got were, yes, I believe so. So, at that time, yeah,
19	I used an emergency window to get out of the dorm car
20	to crawl on top, which was at that time the side of the
21	dorm car.
22	The next car was the 512 car, I was not able
23	to get anybody to get an emergency window open on the
24	lower level, but I did have, there was a gentleman that

came down and opened up the window of the door on the

24

25

1	car. So, I crawled through the door, and into the car.
2	I crawled over the luggage, and hollered through the
3	car to make sure everybody was, the condition of
4	everybody, and I asked them at that point in time to
5	stay, stay calm and stay where they were until we
6	could, until I could get more help down there to help
7	me, you know, do what was needed and they said, they
8	assumed, everybody said that they seemed to be all
9	right, there were a people that were hurt, but they
10	were all right.
11	MR. GOBER: Did you have a flashlight?
12	MR. MCGUIRE: Yes, sir, I did have a
13	flashlight.
14	MR. GOBER: Okay. Was there any other
15	emergency lighting in the cars?
16	MR. MCGUIRE: There was some in some of the
17	cars. I can't, I can't honestly tell you what cars, if
18	any, had emergency lighting in them. But, I do
19	MR. GOBER: Did the passengers have any kind
20	of lighting to help them in any way?
21	MR. MCGUIRE: The first thing I did is when I
22	got into the 512 car, is I couldn't, I finally broke
23	open the latch on the, where they carry the glow
24	sticks. And what I did was I handed it to a gentleman
25	and he passed out that box of glow sticks to the people

1	inside that car for extra lighting.
2	MR. GOBER: Did that help in any way?
3	MR. MCGUIRE: I think that helped. And I
4	think that made them a little more comfortable with the
5	extra lighting. As a matter of fact, at the end as I
6	was walking away from it, I could still see Sorry.
7	(Pause.)
8	MR. GOBER: Whenever you are ready, just roll
9	it. We have got plenty of tape.
10	MR. MCGUIRE: Okay. As I said, the last
11	thing I remember is the 511 car, most of the So, I
12	know that they used them. So, they were So, I knew
13	that the glow sticks were distributed. And I
14	instructed them, the passengers with the 512, that they
15	needed to just remain calm and to my surprise were they
16	all, they were calm. There was no panic. So, I opened
17	the window on the other side of the car, and crawled
18	out.
19	(Pause.)
20	MR. MCGUIRE: I didn't know what car was in
21	front of me, to the right I saw the 511 car.
22	(Pause.)
23	MR. GOBER: It is okay.
24	(Off the record.)
25	MR. GOBER: We are back on the record.

1	MR. MCGUIRE: So, I crawled out of the 512
2	car. And looked ahead of me, and there was quite a
3	distance between me and the next car that I saw, where
4	the tracks should have been, there was no rail there
. 5	that I saw at that time. I looked to the right and I
6	was horrified to see that there was another car that
7	was laying part up down in a ditch, a ravine area. I
8	was really concerned about that car, but, I was, for my
9	safety I wasn't go into that car. The purpose, the
10	reason behind that is because alls I knew was there
11	was, there were poles there, and there were three lines
L2	running across.

MR. GOBER: Okay. Electric --

MR. MCGUIRE: I didn't know what they were. I had no idea. At the end, I found out later they were nothing more than just communication cables.

So, I walked over to the edge and I hollered down to the car, I hollered a response to the person, a passenger that was hollering from the car that they had somebody that was injured that needed medical assistance. And at that point in time, I told the people in the 511 car that it was not a good idea for anybody to move. That they needed to stay in the car. That they needed to stay calm. And if there was anybody that could assist the person that was injured,

please assist that person the best they could until 1 help could arrive, because we did at that time, I 2 assured everybody that help was on its way and that it 3 should not be very long before we ended up having help. 4 They said all right, we will do the best we 5 I left, I walked on and got to the 510 car. 6 Somebody opened the window to the door on the 512 car. 7 I again had to crawl through the door, due to the 8 buildup of the debris and the rock, I crawled up 9 through the car door, and called across the debris, the 10 luggage, the stuff that had flown into the vestibule of 11 the car. Opened up the, again, the plastic door where 12 the glow sticks were, grabbed the box. There was a 13 gentleman in that car was down. I said, he was a 14 little nervous and I calmed him down. I said, at this 15 time I am going to give you something to do for me. I 16 said, it is very important that everybody, that we 17 distribute these lights, that, that there is lighting 18 and that everybody can see what is, where they are at, 19 and they had extra lighting. And I hollered to make 20 sure that everybody was okay and they said that there 21 were people that were shaken up over here. 22 somebody that, that is maybe hurt, but, for the main 23 part the response was that they were okay. 24 So, I climbed out the window, and obviously 25

the car was, all the cars were in bad enough shape that 1 2 none of the doors would open. So, I opened the window 3 and crawled through the car door window. At that time what I saw was, there was a lot of space between me and 4 5 the next car that was in line on the track. I saw the 6 lounge car starting out of the ravine on the opposite 7 side, the same side where the dorm car was, opposite 8 side of the 511 car. The lounge car, I know the lounge 9 car had good lighting in it, because I could 10 distinguish seeing the lower level of the lounge car. 11 I hollered down to the lounge car, I know the Chief of 12 Onboard Services was down in the lower level of the lounge car. And they said that they were a couple of 13 14 young kids down in there, standing up in the lounge 15 car, and I said, is everybody okay. They said, no, the 16 Chief is hurt. So, they said, you can't get down here. 17 People have tried, it is too slick. And, in fact, I 18 found out it was, so, because the first step took, I 19 fell and I started sliding. I stopped, I called back 20 I proceeded to the end of the lounge car, which 21 was high enough up that I could get to and then I 22 leaned on my back against the lounge car, and walked down the side of the car to the window, which they had 23 24 removed. I talked to everybody there. They were calm 25 and everybody was okay.

1	So, I climbed back up the way I had got down
2	to the lounge car, climbed back up. I bypassed the
3	dining car to the sleepers.
4	Backing up, before I went to the lounge car,
5	there was several people standing outside and I had
6	glow sticks left over, for some reason, I still, I
7	still had some glow sticks. I don't know why. So, I
8	passed them out to the passengers that were standing
9	outside. I am assuming they came out of the lounge
10	car and the sleepers in the combination of the two. I
11	don't believe they came out of any of the coaches.
12	After, after that, I went back to the
13	sleepers. They were still in an upright position, but
14	I don't know if they were on a track or not. I don't
15	believe so. They were just sitting there in an upright
16	position, in the proper direction.
17	The doors were open, and the majority of the
18	people
19	(Pause.)
20	(Off the record.)
21	MR. GOBER: Okay. Continue.
22	MR. MCGUIRE: The 531 and 532 sleepers were
23	still upright. So, I went back and the doors were both
24	open. We had a group that was going to, there was a
25	large group of people in the sleepers that were going

1	to specific destination. And they were a great group,
2	great group of people. They were a lot of fun. Had a
3	lot of fun with them, you know, in the lounge car. And
4	of course with the last name of McGuire, you know, it
5	is special. You know, of course, they, every time,
6	the one time I walked through the car, they started
7	singing, the Irish theme, the Irish song to me. It was
8	like, you know, I had to go and the ladies were joking
9	with me, you know, hey, you look like Donald
10	Sutherland, you know. So, there was a great group of
11	people on that car. And we had a person that needed to
12	be upgraded from economy to the logs that were on that
13	car if she is okay. Because she had some
14	problems, and that is why she had to upgrade.
15	MR. GOBER: Well, ask Mr. Ferrer to double
16	check on that and let you know at a later date.
17	MR. MCGUIRE: Okay.
18	MR. GOBER: If you can, just kind of talk a
19	little bit more about the, the, what happened as far as
20	the evacuation and any emergency support group that
21	came to help.
22	MR. MCGUIRE: Okay.
23	MR. GOBER: Try to tell us a little bit about
24	what they did.
25	MR. MCGUIRE: After talking to them, then I

1	noticed, I talked to them and I started sending the
2	people back to the car, I noticed that from the end of
3	the train, I saw lights. So, I knew, I said, folks,
4	just stay calm now, we do have people coming. If you
5	look down there, there is people responding already.
6	So, at that time, I looked back and I hollered down the
7	11 car and told them the same thing, I called to the
8	10, the 12 car and tried to find my radio. I had lost
9	my radio. I don't know, didn't know where I lost my
10	radio at. So, I finally found Butch and at that time,
11	there was, there was a sheriff's car, I had seen in
12	minutes after I got back up to the, in front of the
13	g car.

At that time, I didn't do anything as far as evacuating people. The fire department followed pretty shortly after the sheriff's department. I have no, no recollection of time span of from when it happened to the time that people responded to the scene. To me I felt that the response time was pretty fast. I felt, I feel that we were very lucky that we were at the place we were at, because I do believe that we were in a good place for the response to get to us.

The next I know, remember is, you know, I was standing there, and there was just several people, I mean, out of nowhere, paramedics, fire department,

1	sheriff's department. I was, I guess, it was kind of
2	funny because I think I was more concerned at that time
3	because I knew that help was there, that I needed to
4	have, I needed to have my radio. I needed to find the
5	conductor. I needed to find the engineer.
6	So, I am not sure when I came back into
7	contact with Butch or Mr. Rudolph, the conductor. For
8	the main part of the evacuation I stood up, I was asked
9	to stand in one place and I did so. Just let
10	everybody take care of, you know, the appropriate
11	people take care of the, handle the situation.
12	MR. GOBER: Let me ask a little open end
13	question and you can tell me what you know about it.
14	Over the years we have experienced a lot of train
15	wrecks. And there has been a lot of talk about how to
16	secure the microwave ovens, and secure things in the
17	kitchen and the snack bars and securing seats, seat
18	locks and all. Can you tell us what you know about
19	those things? Just where the microwave was in place
20	after the accident?
21	MR. MCGUIRE: I don't know, I did not, I did
22	not go into the car.
23	MR. GOBER: In the cars that you went in, were
24	the seat latches broken, were they all moved around?
25	Just basically, on the safety equipment of the car,

1	what is your thoughts on that?
2	MR. MCGUIRE: From where, in the room I was
3	sitting, which was the lower level of the crew car,
4	dorm car, all the tables and seats were still in place,
5	in tact, and mounted where they were. From what I
6	could see, I did not ever get into the upper level of
7	any of the coaches. And I did not go into the
8	sleepers. To the best of what I could see, everything
9	stayed pretty much where it was suppose to be. The
10	center of the car, I think was probably the worse of
11	the condition. I believe there is buckling of, of
12	walls, and possibly floor. I couldn't tell there was
13	so much debris. But, from what I could tell, and from
L 4	what I could see, I think every, the seats, and
15	everything pretty much stayed in tact. The windows
16	were all in place. The only windows that were out,
L7	were the windows that were removed by passengers or by,
18	in the lounge car, the, the Onboard Chief had
19	instructed people how to remove that one window.
20	MR. GOBER: Were there any cars, where, you
21	know, sometimes when they start, they start stacking
22	up, the couplers will break off and the end of a
23	coupler will cut the side of a car, something like
24	that. Do you know of any intrusion into the cars from

the outside by other equipment?

25

1	MR. MCGUIRE: That I didn't feel was an
2	important thing for me to view. I didn't, I, you know,
3	passengers was my concern. The, the way the
4	MR. GOBER: The reason I asked the question is
5	from the passenger perspective, do you think anything
6	from the outside poked in and harmed them?
7	MR. MCGUIRE: Not, not that I know of.
8	MR. GOBER: Okay.
9	MR. MCGUIRE: No.
10	MR. GOBER: Okay.
11	MR. MCGUIRE: I really don't know of anything.
12	I don't know because I didn't check at that aspect.
13	MR. GOBER: Based on what you said, is that
14	the emergency responders came very soon and that the
15	people were rather orderly once you were able to calm
16	them down, just a little bit, with some lights and you,
17	you indicated in a positive manner that, that it was,
18	for a train wreck, it was not a lot of turmoil. So, is
19	that true? Is that Can you elaborate a little bit
20	on what I have said.
21	MR. MCGUIRE: I think the factor of
22	calmness, if that is what you are referring to, I think
23	the time of day had a lot of, a lot to play, a big role
24	to play in this big ordeal. Most, most of the
25	passengers, which I had, I had left the sleepers and

1	was making my rounds down through the consist of the
2	train, back up to the crew car, because I had, I had to
3	do a lot of paperwork as far as doing an upgrade for
4	some people in the sleeper, that boarded Osceola. And
5	I didn't get that paperwork done until somewhere around
6	Creston, and I was making my way back to the train.
7	When I noticed most the people had turned down for the
8	day, had bedded down and were sleeping. And I think
9	that due to the fact that most of the people had gone
10	into, gone into their rooms or were sleeping or were
11	relaxed, played a big role in the fact that I think
12	they went into shock. "My gosh, I, I am half asleep or
13	I was almost asleep or I was relaxed. I was getting
14	ready to go to sleep." I think at that point if they
15	were all, there was no screaming. I didn't hear any
16	screaming. And that, I think helped me stay focused on
17	the fact that I needed to make sure that everybody was
18	okay. And I think by passing out the sticks, and
19	just reaffirming that help is on its way, and I knew
20	that it would be there shortly.
21	MR. GOBER: Did you have any communications
22	with the locomotive engineer at any time during the
23	MR. MCGUIRE: I lost my radio. I did not.
24	MR. GOBER: Okay.
25	MR. MCGUIRE: The last communication I had

1	with the engineer was at the incident, at the time
2	that, I heard him say, call the dispatch, saying that
3	the train had gone into emergency. And by that time,
4	the dorm car had finally come to rest on its side.
5	MR. GOBER: So you could hear that while you
6	were involved in the crash.
7	MR. MCGUIRE: I don't know if I had the radio,
8	had grabbed the radio. I don't know what happened. I
9	know the radio was just right there when I, when I
10	landed on the side of the car. The last communication
11	I had with them was something to the fact, I heard them
12	say that we have gone into emergency and, and I don't
13	know exactly what I said, but my response was I
14	immediately got the radio and I said, I said, number
15	five, crew car is on its side and
16	MR. GOBER: Did you lose the radio after that?
17	MR. MCGUIRE: Yes. I don't know when I lost
18	the radio.
19	MR. GOBER: So, you were talking from the
20	intercom of the train?
21	MR. MCGUIRE: No. I was talking on my radio.
22	I did have the radio when I landed.
23	MR. GOBER: Okay.
24	MR. MCGUIRE: When the wreck had stopped, the
25	wreckage had stopped.

1	MR. GOBER: But, while you were helping
2	people, you lost it at some time.
3	MR. MCGUIRE: I lost it, yeah, I don't know
4	where I lost it.
5	MR. GOBER: Okay. That was a little
6	confusing. But, go ahead.
7	MR. MCGUIRE: So, that is when I instructed
8	the head in number five, I said, went into emergency,
9	number five, the crew car is on its side. We need
10	emergency help. Something similar to that. I can't
11	quote myself.
12	MR. GOBER: So, you made some contact with the
13	engineer.
14	MR. MCGUIRE: Yes, I did.
15	MR. GOBER: And they were then made aware of
16	your situation.
17	MR. MCGUIRE: Right. And that is the last, the
18	last communication I had with the head in and anybody
19	else as far as radio communication. I don't know where
20	I lost my radio, but, I lost my radio somewhere in
21	that. It could have been, I did find my radio later
22	outside of the 512 car on top of one of the medical
23	response personnel's bags.
24	MR. GOBER: So, somebody had found it.
25	MR. MCGUIRE: Somebody found it and put it

1	there. So, and it was still on, but at that time I
2	didn't need it.
3	MR. GOBER: Okay. I am going to pass the
4	questioning on to Mr. Vermines.
5	MR. VERMINES: I have no questions.
6	MR. GOBER: Ms. Kelly?
7	MS. KELLY: No questions.
8	MR. GOBER: Okay. Anything else you would
9	like to say, tell us, while we are on the record? Is
10	there anything you think could have been done any
11	better, anything that Amtrak or Burlington Northern
12	Santa Fe could have done to do anything any
13	differently? Anything that the crew might have done
14	that was good or bad? Just anything you can think of
15	you might want to tell us.
16	MR. MCGUIRE: Well, I am a new AC with the
17	company.
18	MR. GOBER: They are proud of you and I know
19	they want to hear any comments you have to make.
20	MR. MCGUIRE: There isn't, you know, I don't
21	know if there was anything. I personally don't know
22	what could have been done differently or if there is
23	anything that should have been done. I just thank God
24	that
25	MR. GOBER: We are thanking that you are safe

1	that you did all you did to help the people.
2	(Pause.)
3	MR. MCGUIRE: We could have been going 79
4	miles an hour. I was just glad the whistle
5	sometimes it helps, in this scenario, the whistle and
6	having to be going so slow. I think that saved a lot
7	of lives. Had the whistle blew because I know if we
8	were going faster, it would have been a hell lot worse.
9	And from the crew car was, I think, I think I would
10	have been messed up a lot more than what I am.
11	MR. GOBER: Tom Dwyer has a question he would
12	like to ask.
13	MR. DWYER: I don't have a question. I just
14	want to say
15	MR. GOBER: Speak up.
16	MR. DWYER: First of all, thank you for what
17	you and your associates did and I think what you need
18	to take away from this, is the major role that you
19	personally played in this, made it less tragic than it
20	was. Don't lose track of that for a second.
21	MR. GOBER: I think everybody would agree.
22	We have already asked others what the weather
23	was, but, from your perspective, what was the
24	temperature like and how were the weather conditions
25	out there?

1	MR. MCGUIRE: All I know is it was cold as
2	hell. I didn't pay much attention.
3	MR. GOBER: Was it raining or snowing or was
4	it
5	MR. MCGUIRE: No. I don't think, I don't
6	know, I don't think there was any precipitation at that
7	time. There was a lot of moisture in the air because
8	when, sometime in that intermediate, during all the
9	evacuation was being taking place, we were being asked
10	for counts and we got back up onto the road car to go
11	back down inside and try to retrieve what we could
12	find, the paperwork, because at the time of the
13	accident, I had paperwork out, and I was trying to get
14	everything in line, because, you know, Creston is our
15	last stop and we have to have everything in order, in
16	order and in line for the relief crew. So, I just had
17	been down there and was going through the paperwork.
18	So, the paperwork went everywhere. The tickets went
19	everywhere. The paper went everywhere. But, getting
20	up on the dorm car, frost was already forming on the,
21	on the side of the car, which was making it harder for
22	us to get around. And it was cold. I was under
23	dressed. I had my uniform on, which consisted of my
24	uniform pants, I had heavy boots on, which I ended up
25	ripping the side of my boots, around.

1	MR. GOBER: Do you have an uniform allowance
2	that you maybe can get some new boots with?
3	MR. MCGUIRE: I don't know. I am not worried
4	about my boots. It is all right. I was, I had a
5	shirt, tee shirt and just the jacket on and I was, I
6	was cold. I was freezing. The longer we were there,
7	the worse I started, I started hurting and started
8	freezing and I wanted
9	MR. GOBER: That leads me to the questions
10	passengers. Were there blankets for the passengers?
11	Was there any way, did they get their coats or
12	MR. MCGUIRE: I saw towel blankets, I saw
13	blankets, afterwards all over the place. I saw a lot
14	of blankets all over the place. A lot of them came
15	from response people, I think, that just kind of come
16	in, started throwing towels, towel blankets, whatever
17	they had, on people. And
18	MR. GOBER: So, your emergency response was
19	very, very helpful in keeping the people warm and
20	helping them get to medical attention that they needed.
21	MR. MCGUIRE: Yes, sir.
22	MR. GOBER: How long was it before you got to
23	see some medical attention?
24	MR. MCGUIRE: I was not able to be released
25	from the scene until sometime after four o'clock in the

morning. Mr. Lewis, was it Kelly, Kelly Lewis, from 1 Amtrak, Mr. Lewis was one of the first Amtrak 2 officials, people that I spoke with. He, he knew that 3 I was freezing to death. I was very cold. And the colder I got, the worse I started hurting. And he 5 said, damn it, he said, get a coat on. I said, I don't 6 7 have a coat. He said, put this coat on. And I turned around and I said, I can't, I couldn't. At that time I 8 hurt so bad, my upper body, my elbow, I have got 9 10 swelling in my elbow that was putting pressure on muscle in my left arm that I could not lift up to, to 11 dress. And he helped me with the coat. 12 MR. GOBER: The kind of injury that you 13 suffered, did you have an idea what kind of injuries 14 the passengers had as a rule? Was it a lot of injuries 15 or was it a few injuries or were they very serious or 16 just bruises and bangs like you had? 17 MR. MCGUIRE: I am sure there is a lot of 18 people that came out of it with bruises. The majority 19 of them probably got, ended up with bruises and bangs 20 and stuff like that. I know there was one fatality. 21 know some people had, had to go to the hospital. When 22 I finally arrived in Omaha, I know that there was, I 23 saw this guy and he had a shattered shoulder blade or 24 something like that. And a woman coming, with a cast 25

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MR. GOBER: Mr. McGuire, we know that this has been a real dramatic thing. And we really appreciate you coming into talk with us. I really don't know much I could ask for you to do that you haven't already done. But, one last question, if you have anything you would like to say, now is the time to say it, if not we are going to adjourn this thing and I would ask that we would be able to call you again if we need you for anything.

MR. MCGUIRE: The one thing that I was frustrated with, I think, the most, was that my, my personal safety I don't think was taken into consideration by the Railroad. And I am not saying Amtrak. Amtrak showed a lot of concern in my well being. And if it wasn't for Mr. Lewis, demanding that the guy that was interviewing me, get off the head in and get -- that wasn't the terms that were used, but he was instructed that he would get in that jeep with us, and we were going to shelter with them and this was after four o'clock in the morning. If it wasn't for that guy, I think I still would have been on that site until they finally released the crew and I think the conductor and the engineer left at 4:45 in the morning. But, you know, after hitting my head and having the

1	bruises that I had, and the scraps that I had, and the
2	pain that I had, that was not a concern of the
3	Railroad. And that was a major, that was a major
4 .	disappointment to me. I felt responsible for what had
5	happened, and I felt responsible that I needed to be
6	there. But, I was disappointed that through the pain
7	that I was in, that it was not a concern, that I, to
8	get treatment, that I had to be there, that I could not
9	leave because, well, you have to stay here because you
10	have to be tested, you know, and I understand that.
11	And I respect that in all, in all, in every form, I
12	respect that. I don't have a problem with that. I
L3	think that is, that is great. I think that is
14	something that has to be done. And I agree with that.
15	But, to make a conductor or an assistant
16	conductor or an engineer, tell them that they have to
17	be on an accident site, even after, long after
18	everybody, including the passengers have been removed
19	from the site, demand that that person stay on the site
20	and not be able to go get medical treatment, was wrong.
21	It was very wrong by the Railroad to do that to me. I
22	just thank God for Mr. Lewis to be there. If it wasn't
23	for him, I probably would have stayed there, would have
24	had to stay there. They told me that I needed to get
25 .	up on the engine and I could not use my arms at that

T	time, because of the pain, Crawl up on the engine.
2	MR. GOBER: Well, we
3	MR. MCGUIRE: So.
4	MR. GOBER: We grasp what you are saying here.
5 .	And I am going to say to Mr. Ferrer, that he will be
6	able to talk to Mr. Lewis and thank Mr. Lewis on your
7	behalf for what Mr. Lewis did. Insofar as how things
8	should have been done, this was a terrible emergency
9	and you, you told us all about that. And we
10	understand. And I think most people from Amtrak and
11	Burlington, have your interest at heart, but I am sure
12	that Mr. Ferrer and his people will look at how people
13	should be handled whenever, have been traumatized the
14	way you were. So, your thoughts won't go unheard. And
15	again, we appreciate you coming here today. We will
16	allow you to go now and we appreciate so much that you
17	came. You are free. Thank you, sir.
18	(Whereupon, the interview was concluded.)

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NATIONAL TRANSPORTATION SAFETY BOARD

In the Matter of:

AMTRAK TRAIN NO. 5

DERAILMENT ON BURLINGTON NORTHERN SANTA FE RAILWAY

* Docket No. DCA01MR003

Nodaway, Iowa

PRESENT: RUSSELL F. GOBER

ORIGINAL

RECEIVE JUDGES
NTSB OFC OF JUDGES
NWASHINGTON. D.C.
2001 HAY -3 P 2: 51

1	PROCEEDINGS
2	MR. GOBER: Train consists, Locomotive number
3	140, upright, in line east in pair trucks derailed.
4	Locomotive 141 upright, in line, both trucks
5	derailed.
6	CDTX 4008, upright, in line both trucks
7	derailed.
8	Material handling car 1517, leaning 20
9	degrees, in line, in ditch.
10	Car number 1195, leaning 45 degrees, east end
11	in ditch.
12	Car number 39040 on side in ditch.
13.	Car number 34071 upright, derailed.
14	Car number 34070 on side in ditch.
15	Car number 31522 upright, cross ways.
16	Car number 33034 leaning 30 degrees in ditch.
17	Car number 38033 leaning 20 degrees.
18	Car number 32049 upright in line.
19	Car number 32096 upright in line.
20	All cars and locomotives from this point up
21	are derailed.
22	Not derailed car number 70041. Not derailed
23	71149. Not derailed 70005. Not derailed 71198. Not
24	derailed 5223. Not derailed TCSX 466855. And 5204.
25	End of train.

1	This is the end of the tape on side A. I
2	will change sides and read in a statement for Engineer
3	J.P. Bannett.
4	End of side A.
5	(Change of tape.)
6	MR. GOBER: NAMME072 from Lincoln, Nebraska to
7	Creston, Iowa.
8	Statement of Engineer J. P. Bannett.
9	My name is Joe P. Bannett. On March 17 of
10	2001 I was engineer on BN Coal Train C, NAMMEA072 from
11	Lincoln, Nebraska to Creston, Iowa. Conductor Burbach
12	and I went on duty at 4:30 p.m. in Lincoln and departed
13	for Creston at 5:15 p.m. with no unusual incidents.
14	Our trip from Lincoln to the area of the Amtrak
15	derailment was uneventful. We ran on clear signals.
16	At proceed signals from Milepost 422.2 to the end of
17	the two main tracks at Nodaway, through and including
18	the beginning of the two main tracks at C.P. 4120,
19	milepost 412, without noticing any unusual events or
20	conditions.
21	It was night time and the signals were
22	clearly visible in the area and no weather conditions
23	existed that We met Amtrak number five at Milepost
24	405.7, and continued to Creston, where we went off duty
25	at 12:30 a.m. on the 18th, after eight hours on duty.

1	Engineer J. P. Bannett, seniority date,
2	10/4/94, promoted to engineer 6/26/96, dated of birth
3	1/30/63.
4	End of statement.
5	(Pause.)
6	MR. GOBER: Following is a statement of
7	conductor Steve L. Burbach, written Lincoln, Nebraska,
8	March 19, 2001.
9	My name is Steve Burbach, B-U-R-B-A-C-H.
10	And I am a Lincoln, Nebraska based conductor, currently
11	holding turn LIN 4004 in the Lincoln/Creston inter
12	divisional pool.
13:	On Saturday, March 17, 2001 I was conductor
14	on train CNAMMEA072, on duty at 16:30 hours at Lincoln,
15	Nebraska. I was working with Engineer J.P. Bannett.
16	Our train departed Lincoln at 17:15. We were operating
17	Lincoln to Creston via the Lewisville Line. I would
18	classify our trip as a good trip. We did not stop
19	until we met two trains at Milepost 425.5, crossovers
20	at Villisca, V-I-L-L-I-S-C-A. Milepost 425.5 is
21	located east of the location where Amtrak derailed.
22	After stopping at milepost 425.5, we crossed
23	over from MT2 to MT1 and proceeded with the signal at
24	Milepost 405.7, where we met the Amtrak train, which
25	later derailed. Our train departed MP425.5 on a

1		diversion clear signal and proceeded on a green,
2		proceeded on green clear signals until we encountered
3		an approach signal at 408.9. Our train proceeded on
4		clear signals through the location where the Amtrak
5		derailment occurred. Nothing out of ordinary occurred
6		when we moved through the area where the derailment
7		occurred. We did not notice any unusual conditions and
8		we did not experience any unusual events. It was dark,
9		all signals were clear and visible and there was no
10		increment weather which impacted visability.
11		After meeting Amtrak at milepost 405.7, we
12		continued eastward at Creston, where we arrived at 0005
13	;	on March 18, 2001. We laid up at 00030 hours on March
14		18, 2001. We had been on duty for a total of eight
15		hours.
16		Steve L. Burbach, 3/19/2001, employee number
17		9501555 service date 6/8/1973.
18		End of statement.
19		(Off the record.)
20		MR. GOBER: This is Russell Gober, Operations
21		Group Chairman for the National Transportation Safety
22		Board. I am reading into the record the method of
23		operations for the Creston Subdivision of the Nebraska
24		Division of the Burlington Santa Fe Railroad.
25		The Creston Subdivision of the BNSF Nebraska

1		Division is approximately 142 miles in length, running
2		from Crestón, Iowa to Lincoln, Nebraska. This
3		subdivision is class four operations for per FRA track
4		standards with both two main track and single track
5		siding configuration.
6		CTC is in effect for the entire subdivision.
7		Maximum authorized speed is 79 miles per hour for
8		passengers, 60 miles per hour for freights and 45 miles
9		per hour for freight trains over 100 tons per operative
10		brake.
11		Approximately 35 to 40 trains per day travel
12		this territory, including intermodal merchandise,
13	i N	grain, coal loads, and empties and Amtrak trains. The
14		subdivision is dispatched from the Forth Worth, Texas,
15		from Fort Worth, Texas at the BNSF's network operation
16		center.
17		End of method of operations statement.

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