

UNITED STATES OF AMERICA
NATIONAL TRANSPORTATION SAFETY BOARD

In the Matter of:)
)
)
SS NORWAY) DCA 03 MM 032
)

Miami, Florida

Wednesday,
June 11, 2003

The above-entitled matter came on for the
Interview of Erik Leanillo, pursuant to Notice,
at 1:40 p.m.

APPEARANCES:

For the National Transportation Safety Board:

TOM ROTH-ROFFY
BRIAN CURTIS

For the United States Coast Guard:

CARLOS PAILLACAR
KEN OLSEN

For the Bureau of Veritas:

MICHEL LAMBERT

For Norwegian Cruise Lines:

JOHN RILEY

For Bahamas Authority:

KEVIN HISLOP

Also Present:

RICHARD LEHRER
DAN FARKAS

EXECUTIVE COURT REPORTERS, INC.
(301) 565-0064

I N D E X

<u>WITNESS:</u>	<u>PAGE:</u>
Erik Leanillo - by Mr. Roth-Roffy	4
- by Mr. Riley	9
- by Mr. Paillacar	10
- by Mr. Roth-Roffy	11
- by Mr. Curtis	17
- by Mr. Paillacar	21
- by Mr. Olsen	24
- by Mr. Hislop	25
- by Mr. Riley	27
- by Mr. Roth-Roffy	28
- by Mr. Curtis	30
- by Mr. Paillacar	30
- by Mr. Olsen	32
- by Mr. Riley	33

P R O C E E D I N G S

1:40 p.m.

1
2
3 Whereupon,

4 ERIK LEANILLO

5 having been first duly sworn, was called as a witness
6 herein and was examined and testified as follows:

7 MR. ROTH-ROFFY: Good afternoon. The time is
8 about 1:40 and the date is the 11th of June 2003. We
9 are here to interview Mr. Erik Leanillo. He is a
10 stoker aboard the Norway. Good afternoon, sir.

11 THE WITNESS: Good afternoon, sir.

12 MR. ROTH-ROFFY: Sir, my name is Tom Roth-
13 Roffy and I am an accident investigator with the
14 National Transportation Safety Board in Washington,
15 D.C. We are here to investigate the accident that
16 occurred on board the Norway on May 25, 2003.

17 Our investigation is a safety investigation,
18 it's not a legal investigation. The purpose of the
19 investigation is to try to determine what happened,
20 what was the cause of the accident, and then to make
21 recommendations aimed at preventing similar future
22 accidents. Again, that's our primary function here, to
23 try to prevent it from happening again.

24 The reason we've asked you to come down here
25 is because we believe you may have some information
26 that might assist us in our investigation.

27 What I'd like now is for each person here in
28 the room to go ahead and identify themselves.

29 MR. CURTIS: Brian Curtis, with the National
30 Transportation Safety Board, marine engineering
31 accident investigator.

32 MR. LAMBERT: Michel Lambert from Bureau
33 Veritas.

34 MR. PAILLACAR: Carlos Paillacar, Coast Guard
35 Investigations Miami.

36 MR. OLSEN: Ken Olsen, Coast Guard
37 Headquarters in Washington, D.C.

38 MR. LEHRER: Richard Lehrer on behalf of Mr.
39 Leanillo.

40 MR. FARKAS: Dan Farkas on behalf of Mr.
41 Leanillo.

42 MR. HISLOP: Kevin Hislop, representing the
43 Bahamas Maritime Authority.

44 MR. RILEY: John Riley, independent surveyor
45 for NCL.

46 MR. ROTH-ROFFY: Okay. That's everybody in
47 the room.

48 EXAMINATION

1 BY MR. ROTH-ROFFY:

2 Q Sir, what I'd probably like to first ask you
3 is to describe everything that you saw from the time
4 you woke up on Sunday morning, the 25th of May, in as
5 much detail as you can, you know, from the time you
6 were awoken by whatever reason and then just tell us
7 what you saw and what you did and everything in as much
8 detail.

9 A Okay. When I heard the explosion, then I
10 opened the door of my cabin, is full of steam outside.
11 Then I close it again, then I smell very bad -- you
12 know, then I wear a mask, then I opened the door, I
13 feel not so hot outside the door, so I go outside, then
14 I heard somebody screaming, so I helped one person that
15 is screaming, I help to the pier.

16 When we got to the ambulance, he got in the
17 ambulance, then I tried to go back to the ship and the
18 police told me to stay back, so I am the other pier
19 until four or five hours.

20 Q Four or five hours?

21 A Yes.

22 Q Could you repeat the name of the person you
23 helped, please?

24 A Andedo Venezuela.

25 Q Venezuela, he's one of the deceased.

26 A Yeah.

27 Q Okay. Anything else, Erik?

28 A No.

29 Q Okay. I'm going to ask maybe a few more
30 detailed questions. Where is your cabin, and your room
31 number?

32 A Deck C, Caribbean, 1079.

33 Q Were you awake at the time of the explosion?

34 A No. I was sleep around that time. I only
35 awake when there was explosion.

36 Q Could you describe what you heard? What was
37 the sound that woke you?

38 A (Indicating). Like that.

39 Q Did you hear like steam escaping?

40 A Yeah. Outside my cabin.

41 Q Outside your cabin?

42 A Yeah, outside my cabin.

43 Q Did you immediately -- after you heard the
44 explosion, did you open up your door?

45 A Yeah. I open up the door, then I close it
46 again because of --

47 Q Right away?

48 A It's very hot.

49 Q And then what did you do? You stayed in your

1 cabin for how long?
2 A About two minutes, because I wear overall,
3 then I put mask, then I open the door again. When I
4 opened the door not so hot, so I go outside. I heard
5 the screaming, I think somebody need our help, so I
6 help Andedo Venezuela.
7 Q Was he the person that was screaming?
8 A Yeah.
9 Q And where was he located when you first saw
10 him?
11 A Outside the -- on the hallway. He was lying
12 there.
13 Q He was lying down on his back?
14 A Yes.
15 Q Did you help him up by yourself or with
16 somebody else?
17 A No, is too big, so I waiting for the person
18 to help me. We are two. That is Amadore Gasalan
19 (phonetic) who help me to carry him outside.
20 Q What was his name?
21 A Amadore Gasalan. He's a party member.
22 Q Was Amadore already there when you arrived?
23 A Yeah.
24 Q He was there before you got there, right?
25 A Yes.
26 Q So the two of you picked up Mr. Venezuela?
27 A Yes.
28 Q How did you pick him up? Did you have a
29 stretcher or did you --
30 A No, we don't have a stretcher on that.
31 Q So you just helped him up and --
32 A I carry on the feet and --
33 Q On the feet?
34 A And he's on the shoulders.
35 Q Which gangway did you go out?
36 A On the crew gangway.
37 Q The crew gangway, which is the aft gangway?
38 A In the middle.
39 Q About how long were you there with Mr.
40 Venezuela before you carried him out?
41 A Five minutes.
42 Q Was the ambulance already on the pier when
43 you --
44 A Yeah. The ambulance waiting there.
45 Q Then did they come with a stretcher to pick
46 him up?
47 A Yes.
48 Q And then they put him into the ambulance?
49 A Yeah. Yes, sir.

1 Q And then they left with him?
2 A Yeah.
3 Q Just him in the ambulance or were there other
4 persons in the ambulance with him? Just him?
5 A Yes.
6 Q Did you see any other injured crew members?
7 A Only him I seen.
8 Q Just only him. Did you see any other
9 officers or fire party members in that area?
10 A No.
11 Q Did you see the chief run by or the staff
12 chief or anything like that?
13 A No.
14 Q You said you put a mask on. When you went
15 out to see Mr. Venezuela did you have your mask on?
16 A Yeah.
17 Q What time did you get off of duty before you
18 went to sleep? You were sleeping when the explosion
19 occurred. What time did you go to sleep?
20 A Was 1:00 because my duty is 8:00 to 12:00.
21 MR. ROTH-ROFFY: Does anybody need any
22 additional details of the events of the morning from
23 Erik?
24 MR. RILEY: John Riley. Can we clarify one
25 comment, please.
26 EXAMINATION
27 BY MR. RILEY:
28 Q I think you said -- you referred to a smell
29 when you opened the door the first time?
30 A Yeah.
31 Q Can I ask you please what the smell was, if
32 you know?
33 A That is the fumes, I think.
34 Q Fumes of fuel oil?
35 A I don't know what kind of smell like that,
36 but when I smell that, I wear mask.
37 MR. RILEY: Thank you.
38 MR. ROTH-ROFFY: Anybody else.
39 MR. PAILLACAR: I just have a quick question.
40 EXAMINATION
41 BY MR. PAILLACAR:
42 Q Were the watertight doors immediately
43 adjacent to your room closed at the time or they were
44 open?
45 A Is open.
46 Q It was open?
47 A Yeah.
48 Q Are they ever closed?
49 A During standby.

1 Q During standby they are closed?
2 A Then they are closed.
3 Q Okay. The other watertight doors further
4 down, that was also open?
5 A Yeah, open.
6 Q And you said you came out through the middle
7 gangway, the provision intake gangway?
8 A The other way, on the side of the control
9 room.
10 Q Beside the control room?
11 A There's a gangway there.
12 Q There's a gangway right here (indicating)?
13 This one right here?
14 A Yes, sir.
15 Q Which way did you go up?
16 A On the stair, going up to the (inaudible).
17 Q This stair right here?
18 A Yeah.
19 Q The sprinklers were discharged at that time?
20 A Yes, sir.
21 MR. ROTH-ROFFY: Carlos, what was your
22 question? The sprinklers were discharged?
23 MR. PAILLACAR: Yes.
24 MR. ROTH-ROFFY: And the answer is yes.
25 FURTHER EXAMINATION
26 Q Was that on C Deck as well as B Deck?
27 A C Deck.
28 Q Both Decks?
29 A C Deck and B Deck.
30 Q Where Mr. Venezuela was laying, was there
31 sprinklers spraying on him?
32 A Yeah.
33 MR. ROTH-ROFFY: Does anybody else have any
34 questions regarding the events of the morning?
35 (No response.)
36 BY MR. ROTH-ROFFY:
37 Q What I'd like to ask you now is about your
38 duties, your watch duties.
39 A Yes, sir.
40 Q You said you stand the 8:00 to 12:00 watch?
41 A Yes, sir.
42 Q Where do you stand your watch and what is
43 your job?
44 A I watch the pressure and temperature in the
45 boiler.
46 Q When you say you watch the pressures and the
47 temperatures in the boiler, do you also look at the
48 feed pumps? Is that part of your job?
49 A Yes, sir.

1 Q You make a round on the feed pumps?
2 A Yes. During my duty.
3 Q Do your duties include the fuel oil system?
4 A Yes, sir.
5 Q What do you do with the fuel system?
6 A Fuel system.
7 Q What sort of things do you do with the fuel
8 oil system? Do you clean strainers?
9 A Of course I do it.
10 Q Every --
11 A Yes.
12 Q Which strainers do you clean?
13 A Port side and starboard side.
14 Q Which day of the week do you clean those
15 strainers?
16 A During St. Thomas, that is Thursday.
17 Q And which strainers, are they the suction
18 strainers or discharge?
19 A Suction.
20 Q What about burners, do you clean burners or
21 change burners?
22 A Yes, sir. Every night during my duty.
23 Q How many burners do you change?
24 A Five.
25 Q Five every night?
26 A Every night, yes.
27 Q And do you clean them as well?
28 A No, sir.
29 Q You just pull them out?
30 A Yeah. I'm the one only to take out to change
31 and the other watch is (inaudible).
32 Q Do you know which watch cleans them? Which
33 watch does the cleaning?
34 A They put the burner in the diesel to take out
35 the carbon, then they bring it.
36 Q Yes, but who does that? Which watch?
37 A The 4:00 to 8:00.
38 Q Do you change the burners in the evening or
39 in the morning?
40 A Evenings.
41 Q Could you describe your training, education,
42 training and your experience in the industry?
43 A Yes, sir. I graduated in Technological
44 University of the Philippines in Manila for three
45 years.
46 Q What year did you graduate?
47 A Yes.
48 Q Which year?
49 A 1993. 1990 to 1993.

1 Q That's called the Nautical University?
2 A Technological University.
3 Q Technological University?
4 A Of the Philippines.
5 Q After 1993, what did you do?
6 A I am looking for a job, then I apply in steam
7 ship that is going sail in Manila, so I came on board
8 SS Norway in 1995.
9 Q What was your position?
10 A On that time?
11 Q Yes.
12 A (Inaudible.)
13 Q Go ahead and describe the different duties
14 you had, different positions you sailed on from 1995
15 until the present.
16 A I was promoted in that year also, after six
17 months I was promoted as an oiler. Then after four
18 years, 1999, I became a stoker until now.
19 Q In 1999 did you start working in the boiler
20 room?
21 A Yes. I start training.
22 Q You started training?
23 A Yes.
24 Q How long was your training in the boiler
25 room?
26 A One month, sir.
27 Q Who trained you?
28 A Mr. Ricardo Rosal.
29 Q Did you stand watches with Mr. Rosal as part
30 of the training for one month?
31 A Yes, sir, for one month. Yes, sir.
32 Q Did NCL provide you with classroom training
33 or book training of any kind?
34 A (No response.)
35 Q Did Norwegian Cruise Lines provide you with
36 training? Give you training?
37 A What's that?
38 Q NCL.
39 A In the boiler room, my superior.
40 Q Who was that?
41 A Mr. Lokka Braigten (phonetic).
42 Q Could you say that name again?
43 A Lokka Braigten.
44 Q Do you do maintenance work in the boiler? Do
45 you work on the boilers in your overtime? After watch?
46 A After watch I have different system. I only
47 watching the boiler, but after my watch I have
48 different job.
49 Q What is your job?

1 A Osmosis.
2 Q Osmosis?
3 A Yes.
4 Q Reverse osmosis?
5 A Yes, reverse osmosis.
6 Q Who else works with you on the reverse
7 osmosis?
8 A Lunning Hans, second engineer, is my boss.
9 Q Did you know Mr. Rosal very well?
10 A Yes, sir.
11 Q Do you know if he was having any kind of
12 problems at home, with his family, or any kind of
13 problems that you know of?
14 A No.
15 Q Do you think if he would have been having
16 problems that he would have told you if he was having
17 problems?
18 A In what?
19 Q With his life, with his family?
20 A No, sir.
21 Q But if he had problems, would he have shared
22 that with you?
23 A Yeah.
24 Q Probably, you're close friends?
25 A He's my close friend.
26 Q But he never told you anything about any
27 problems?
28 A No.
29 MR. ROTH-ROFFY: Okay. I'm going to let some
30 other folks ask you questions. Thank you.
31 MR. CURTIS: Brian Curtis.
32 EXAMINATION
33 BY MR. CURTIS:
34 Q I understand you have a stoker's book on
35 watch. Could you tell us everything you put into that
36 book?
37 A If we are only skimming, we write on the
38 book.
39 Q Excuse me?
40 A Skimming the boiler we write on the book and
41 if we are on line and off line we write on the book.
42 Q When you put it on and off line?
43 A Yes.
44 Q Do you put information in there, like when
45 you clean fuel oil strainers, that type of information
46 in your book?
47 A No.
48 Q Just when you skim and put the boilers on and
49 off line?

1 A Yes, sir.
2 Q Had you had any problems just before the
3 accident with fuel oil pressure control?
4 A No, sir. Is no problem.
5 Q When you come into port, I understand you cut
6 burners out. Do you shut boilers off when you come
7 into port?
8 A Yes.
9 Q How many do you shut off?
10 A Only one, the number one burner.
11 Q You always shut number one off?
12 A Yeah.
13 Q When do you shut that off?
14 A After standby.
15 Q After standby, after you finish standby?
16 A Yes, sir.
17 Q Do you always cut just one out or sometimes
18 two?
19 A Sometimes two.
20 Q Sometimes two. What determines when you cut
21 one or two out?
22 A If we are only following instructions, we
23 will take out two burners.
24 Q And who would give you those instructions?
25 A The one (inaudible).
26 Q The second engineer?
27 A The second engineer, yes, sir. They like to
28 cut two burners.
29 Q So you're responsible for all three of the
30 boilers yourself?
31 A Yes.
32 Q Do you ever use four boilers all at once? Do
33 you ever have all four boilers on at once?
34 A Running?
35 Q Yes.
36 A Yes. That's happened.
37 Q When is the last time you had all four
38 boilers running?
39 A I don't remember.
40 Q How do you tell if the smoke stack is
41 smoking? How do you tell from the boiler room?
42 A We adjust the (inaudible).
43 Q How do you tell if you are smoking?
44 A Smoking?
45 Q Do you have a periscope?
46 A We have a monitor.
47 Q You have a monitor in the boiler room?
48 A If the boiler is smoking, adjust the fan.
49 Q Do you have to very often adjust the fuel oil

1 temperature?

2 A No, sir.

3 Q If you do have to adjust it, what do you have
4 to do to adjust it?

5 A Open the valve for the fuel, only a little.

6 Q Do you have to do that frequently?

7 A (Inaudible.)

8 Q When you change the fuel oil strainers to
9 clean them, do you do that or does the second engineer
10 change them?

11 A That is (inaudible).

12 Q You don't change the strainers?

13 A I change it if I'm on that part, because we
14 are shifting every month.

15 Q Do you do that or does the engineer do that?

16 A We are the one do that.

17 Q You're the one that does that, by yourself?

18 A Yes.

19 MR. CURTIS: That's all I have right now.

20 Thank you.

21 MR. PAILLACAR: Carlos Paillacar from the
22 Coast Guard Miami.

23 FURTHER EXAMINATION

24 BY MR. PAILLACAR:

25 Q On the times that I've been at the annual
26 boiler, I have noticed that are several cans located in
27 junctions around fuel oil lines and where the oil goes
28 into the register and I noticed that not only there,
29 you know, but in several places around the engine room
30 and I noticed several fuel oil leaks.

31 Is that the way normally you deal with leaks,
32 fuel oil leaks, just put a can to collect the oil
33 around the boiler?

34 A The small cans.

35 Q There were never big leaks?

36 A No, that's only if small leak we put small
37 cans.

38 Q Even though in that many places? Because I
39 saw several of them.

40 A Yes.

41 Q And that's normal?

42 A Yes, sir, that's normal.

43 Q When do they get cleaned? When do you take
44 them out and what do you do with them? At one point
45 they've got to get filled.

46 A Yeah. We'll take it down and get a new one.

47 Q You take it out and you put a new one. What
48 you do with that oil?

49 A Put in the 6/12 tanks.

1 Q Have you ever witnessed any accidents?
2 A No.
3 Q Do you ever know if either you or your
4 colleagues had any safety concerns, any concerns about
5 the safety of the personnel working in the engine room?
6 A (No response.)
7 Q Do you ever worry, you know, like something
8 might be wrong, something might be --
9 A No.
10 Q Never had a worry?
11 A No.
12 Q You always thought that you work in a safe
13 place?
14 A Yes, sir.
15 Q What does the engineer, the second engineer
16 that stands the watch at the engine room, what does he
17 do while you're doing all your work on the boiler?
18 A The engineer not only standby on the boiler,
19 they are walking around. They check everything.
20 Q So they check everything?
21 A Yes.
22 Q So he's constantly supervising?
23 A Yes.
24 Q How often do you have to call up to the
25 engine control room or how often does the engine
26 control room calls you down?
27 A The control room are the one who call us.
28 Q How often is that?
29 A If sometimes if I changing burner they call
30 me, then after I finish I tell him that I've been
31 already finished.
32 Q So you have constant communication throughout
33 the watch with the engine control room?
34 A Yes, sir.
35 Q When you have been working in the boiler, did
36 you ever witness an over pressurization of the steam
37 drum, that it went above the normal operating pressure?
38 A No, sir.
39 Q What about overheating?
40 A No, sir. No.
41 Q What will you have to do if you have an over
42 pressurization of the steam drum?
43 A Open the drain.
44 MR. PAILLACAR: No further questions.
45 EXAMINATION
46 BY MR. OLSEN:
47 Q Could you tell us, you might have said it
48 already, but how long have you been on the ship? When
49 did you start on the ship, in '94?

- 1 A In '95, sir.
- 2 Q Since you've been a fireman, have you ever
3 been on watch when other boiler repairs were going on?
- 4 A No, sir.
- 5 Q You never saw anybody working on the boilers
6 at any time?
- 7 A Only sometimes the repairman they are
8 plugging the pipes.
- 9 Q Did you ever see anybody grind inside the
10 boiler with a grinder?
- 11 A No, sir.
- 12 Q No, not ever? Okay. Did you see other kinds
13 of work being done or mostly just on the pipes in the
14 boiler?
- 15 A That's it.
- 16 Q Do you have a license now, an engineer's
17 license?
- 18 A No.
- 19 Q When you said you cleaned out five burners,
20 did you mean five burners on each boiler that was
21 operating?
- 22 A Yeah. One-by-one.
- 23 Q What?
- 24 A One-by-one.
- 25 Q One-by-one, all the boilers. Okay. Did any
26 of the stokers ever mention problems with the boiler
27 drums?
- 28 A No, sir.
- 29 Q Did anybody on the ship talk to you about
30 talking to us?
- 31 A No.
- 32 MR. OLSEN: That's it.
- 33 MR. HISLOP: Just two questions, if I might.
34 Kevin Hislop.
- 35 EXAMINATION
- 36 BY MR. HISLOP:
- 37 Q You said you graduated from the Technological
38 University?
- 39 A Technological University.
- 40 Q Did you have a degree or diploma when you
41 left?
- 42 A Yes, sir.
- 43 Q Which one, please?
- 44 A For marine engineer.
- 45 Q A degree?
- 46 A No, not --
- 47 Q Diploma?
- 48 A Diploma.
- 49 Q Diploma in marine engineering?

1 A Yes.
2 Q If I could just refer to a sketch here that
3 I've got, here are Boilers 21, 22, 23, 24. During your
4 watch period, is there any particular location where
5 you would get a nice draft where you can stand and
6 relax? Is there any particular area where you can
7 stand?
8 A We stand there.
9 Q Right in the middle here?
10 A In the middle.
11 MR. HISLOP: He's indicating to the center of
12 the boiler mid ships, the center line.
13 MR. ROTH-ROFFY: This is Tom Roth-Roffy.
14 There's actually a console right there, a boiler
15 control console. Could you draw that in there as well?
16 I believe it's right in there (indicating).
17 BY MR. HISLOP:
18 Q In that area?
19 A Yes, sir. Sometimes on the front, yes.
20 Q So just forward or just after that?
21 A Yeah.
22 Q There's a nice breeze?
23 A Yes.
24 MR. HISLOP: Indicating just forward of the
25 panel or after the panel. Thank you.
26 MR. RILEY: John Riley.
27 FURTHER EXAMINATION
28 BY MR. RILEY:
29 Q You mentioned that included in your duties
30 was keeping an eye on the feed pumps. Was it normal to
31 have some small leakage of water from the glands of the
32 feed pumps?
33 A I don't know about that, sorry.
34 Q I'm sorry?
35 A I don't know about that, sir.
36 Q You don't know. Thank you. When you changed
37 the filters or cleaned the strainers on that Thursday
38 in St. Thomas were they dirty at all or was it just a
39 normal change over?
40 A Normal change over. Not so dirty.
41 Q Not dirty?
42 A Not so dirty.
43 MR. RILEY: Thank you.
44 MR. ROTH-ROFFY: Tom Roth-Roffy.
45 FURTHER EXAMINATION
46 BY MR. ROTH-ROFFY:
47 Q Who changes the discharge strainers on the
48 fuel oil pumps? Do you know who does that?
49 A That's oil transfer.

1 Q The oil transfer man?
2 A Yes.
3 Q Changes the fuel oil discharge strainers on
4 the service pumps, right?
5 A Yeah.
6 Q Do you know when he normally does that?
7 A No, sir.
8 Q That oil transfer man, which watch does he
9 stand?
10 A 8:00 to 12:00, same watch.
11 Q Same watch as you and what was his name?
12 A Sivrino Ladenis (phonetic).
13 Q Sivrino Ladenis. When you shut off the
14 boiler, could you tell us the procedure you use and who
15 does it? Do you do that or does the engineer put the
16 fires out?
17 A Me and the engineer.
18 Q You do it together with him?
19 A Yeah.
20 Q So when you put out the last fire in a
21 boiler, do you close the valves, the steam valves, or
22 does the engineer or do you do it together?
23 A I'm the one who shut the other and then I
24 know when to close the valve.
25 Q The steam valves?
26 A Yes.
27 Q Then what happens? Do you -- which vents or
28 drains do you open, do you remember?
29 A Yeah.
30 Q Which ones do you open?
31 A Just wait a minute, sir.
32 Q Sure.
33 A They have four drain to be opened, sir.
34 Q Four drains to open?
35 A About.
36 Q Do you open any vents on top?
37 A No, sir.
38 Q About how long does it take for the boiler to
39 cool off?
40 A Five to six hours.
41 Q Five to six hours. After five to six hours,
42 how much pressure is on the drum?
43 A Two. Two like that.
44 Q Two bar?
45 A Two bar.
46 MR. ROTH-ROFFY: Okay, that's all I have.
47 Brian?
48 MR. CURTIS: Just one question.
49 FURTHER EXAMINATION

1 BY MR. CURTIS:
2 Q After standby when you turn the burner off,
3 do you also shut off the manual valve or do you leave
4 that open?
5 A Sir, we close that also.
6 Q You always do?
7 A Yes.
8 Q Do you know if that's the procedure that all
9 the watches follow?
10 A Yes, sir. They follow that.
11 MR. CURTIS: Thank you.
12 MR. PAILLACAR: Carlos Paillacar, Coast Guard
13 Miami.
14 FURTHER EXAMINATION
15 BY MR. PAILLACAR:
16 Q When you are on watch or when you have been
17 on watch since '95 and you're work in the engine, have
18 you ever had any problem when you were on watch, maybe
19 something went wrong and you had a problem with any
20 type of equipment?
21 A No.
22 Q Never?
23 A Never.
24 Q Were you aboard in 1998?
25 A Yes, sir.
26 Q Were you part of the crew when Boiler 24
27 caught on fire?
28 A I heard that, but I am on vacation.
29 Q You were on vacation?
30 A Yes, sir.
31 Q Did you ever witness a fire in the engine
32 room?
33 A No.
34 Q If you need to leave, can you leave your
35 station? Can you go to get a drink of water or can you
36 go to the bathroom? Can you just leave or do you have
37 to tell somebody that you're leaving?
38 A Yes, sir.
39 Q What do you do?
40 A I ask my boss.
41 Q You ask your boss?
42 A Yes, sir.
43 Q How long can you be gone for?
44 A (No response.)
45 Q For how long, 10 minutes, 15 minutes?
46 A Ten minutes.
47 Q Where do you go? Let's say you need to get a
48 drink, do you go to the engine control room?
49 A No, sir.

1 Q Where do you go?
2 A There are drinking station in the aft
3 stabilizer.
4 Q In the aft stabilizer?
5 A Yeah.
6 Q Okay. Have you ever witnessed a loss of
7 power casualty?
8 A No, sir.
9 Q Blackout? No blackout ever?
10 A No, sir.
11 Q You never seen a blackout on board?
12 A No.
13 MR. PAILLACAR: That's all.
14 FURTHER EXAMINATION
15 BY MR. OLSEN:
16 Q With respect to the burner operations, when
17 you're leaving Miami and you're bringing the ship up to
18 speed and the burners turn on and off, who does that?
19 A Who is doing that?
20 Q Excuse me?
21 A Who is doing that on the burner?
22 Q Uh-huh.
23 A The watch on duty.
24 Q The watch engineer on duty?
25 A Yes.
26 Q He turns on the burners?
27 A Yes, sir.
28 Q If you're on watch and the water level gets
29 low in the boiler, what should a stoker do?
30 A Open the filling valve.
31 Q The what?
32 A We open the filling valve for the boiler,
33 filling up.
34 Q Filling valve. If you get high water in the
35 boiler drum, what do you do?
36 A We put the -- we put in the manual, the water
37 level so that the water going down. After that, we put
38 valve (inaudible).
39 MR. OLSEN: I see. Thank you.
40 MR. RILEY: John Riley.
41 FURTHER EXAMINATION
42 BY MR. RILEY:
43 Q Mr. Olsen has been asking you about the water
44 level low, water level high, but have you had any
45 problems?
46 A No, sir.
47 MR. RILEY: Thank you.
48 MR. ROTH-ROFFY: Okay, Erik. I think we are
49 finished with you. Thank you very much for coming down

1 and talking to us. We appreciate it very much.
2 THE WITNESS: Yes, sir.
3 MR. ROTH-ROFFY: The time is about 25 minutes
4 after 2:00 and that concludes our interview of the
5 stoker.
6 (Whereupon, at 2:25 p.m. the interview was
7 concluded.)