

1 NO. B-126,986

2 RUSSELL ALLEN, ET AL * IN THE DISTRICT COURT
*
3 VS. * JEFFERSON COUNTY, TEXAS
*
4 AMERICAN PETROFINA, INC., *
ET AL * 60TH JUDICIAL DISTRICT
5 -----
6 NO. A-144,426 (Consolidated B-126,986)

7 GLADYS FORRESTIER, ET AL * IN THE DISTRICT COURT
*
8 VS. * JEFFERSON COUNTY, TEXAS
*
9 AC&S, INC., ET AL * 58TH JUDICIAL DISTRICT

10 NO. A-134,614 (Consolidated B-126,986)

11 FRENCH HICKS, ET AL * IN THE DISTRICT COURT
*
12 VS. * JEFFERSON COUNTY, TEXAS
*
13 BETHLEHEM STEEL *
CORPORATION, ET AL * 58TH JUDICIAL DISTRICT

14 NO. A-144,426-A (Consolidated B-145,587)

15 GINGER BROUSSARD * IN THE DISTRICT COURT
*
16 VS. * JEFFERSON COUNTY, TEXAS
*
17 AC&S, INC., ET AL * 60TH JUDICIAL DISTRICT

18 NO. B-150,802

19 LENA BROUSSARD, * IN THE DISTRICT COURT
INDIVIDUALLY AND AS *
20 PERSONAL REPRESENTATIVE *
OF THE ESTATE OF LLOYD J. *
21 BROUSSARD, DECEASED, *
ET AL *
22 *
23 VS. * JEFFERSON COUNTY, TEXAS
*
24 GULF STATES UTILITIES *
COMPANY, ET AL * 60TH JUDICIAL DISTRICT

25

NELL McCALLUM & ASSOCIATES, INC.

1 NO. B-142,345

2 LEROY CELESTINE * IN THE DISTRICT COURT

3 VS. * JEFFERSON COUNTY, TEXAS

4 CLEMCO INDUSTRIES, INC., *
ET AL * 60TH JUDICIAL DISTRICT

5 -----

6 NO. B-138,645

7 DOROTHY DAVIS, ET AL * IN THE DISTRICT COURT

8 VS. * JEFFERSON COUNTY, TEXAS

9 AC&S INC., ET AL * 60TH JUDICIAL DISTRICT

10 NO. B-149,788

11 JOANN FOSTER, ET AL * IN THE DISTRICT COURT

12 VS. * JEFFERSON COUNTY, TEXAS

13 A.M.F. INCORPORATED, *
ET AL * 60TH JUDICIAL DISTRICT

14 -----

15 NO. D-128,522 (Consolidated B-126,986)

16 LARRY LOBUE * IN THE DISTRICT COURT

17 VS. * JEFFERSON COUNTY, TEXAS

18 AMERICAN PETROFINA, *
INC., ET AL * 60TH JUDICIAL DISTRICT

19 NO. B-132,431

20 LEO MIRE * IN THE DISTRICT COURT

21 VS. * JEFFERSON COUNTY, TEXAS

22 MOBIL OIL CORPORATION * 60TH JUDICIAL DISTRICT

23

24

25

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1 NO. B-134,025

2 JOHNNY LEE POWERS * IN THE DISTRICT COURT
 *
3 VS. * JEFFERSON COUNTY, TEXAS
 *
4 AMERICAN OPTICAL *
CORPORATION, ET AL * 60TH JUDICIAL DISTRICT

5 -----
 NO. B-141,242

6 ROOSEVELT SCOTT * IN THE DISTRICT COURT
 *
7 VS. * JEFFERSON COUNTY, TEXAS
 *
8 AMERICAN OPTICAL *
CORPORATION, ET AL * 60TH JUDICIAL DISTRICT

9 -----
10 NO. B-148,523

11 IN THE MATTER OF THE * IN THE DISTRICT COURT
ESTATE OF VIRGIL *
12 WILLBANKS, DECEASED, *
ET AL *
13 VS. * JEFFERSON COUNTY, TEXAS
 *
14 AC&S, INC., ET AL * 60TH JUDICIAL DISTRICT

15 -----
 NO. E-141,216 (Consolidated A-134,614)

16 DOROTHY LEE BARNARD, * IN THE DISTRICT COURT
17 ET AL *
 *
18 VS. * JEFFERSON COUNTY, TEXAS
 *
19 ALLIED-SIGNAL, INC., *
ET AL * 58TH JUDICIAL DISTRICT

20 -----
 NO. A-140,498

21 JOYCE A. BORNE, ET AL * IN THE DISTRICT COURT
22 VS. * JEFFERSON COUNTY, TEXAS
 *
23 ALLIED-SIGNAL, INC., *
24 ET AL * 58TH JUDICIAL DISTRICT

25 -----

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1 NO. A-142,945

2 LOYICE B. EBANKS * IN THE DISTRICT COURT
 *

3 VS. * JEFFERSON COUNTY, TEXAS
*
4 AC&S, INC., ET AL * 58TH JUDICIAL DISTRICT

5 NO. A-141,797

6 JAMES EUGLON * IN THE DISTRICT COURT
*
7 VS. * JEFFERSON COUNTY, TEXAS
*
8 AMERICAN OPTICAL *
CORPORATION, ET AL * 58TH JUDICIAL DISTRICT
9 -----
10 NO. A-155,544

11 HARRY GILBERT, JR., ET AL* IN THE DISTRICT COURT
*
12 VS. * JEFFERSON COUNTY, TEXAS
*
13 AMOCO CORPORATION, *
ET AL * 58TH JUDICIAL DISTRICT
14 -----
15 NO. A-151,231

16 DONNA JONES, ET AL * IN THE DISTRICT COURT
*
17 VS. * JEFFERSON COUNTY, TEXAS
*
18 AC&S INC., ET AL * 58TH JUDICIAL DISTRICT
19 -----
20 NO. A-152,338

21 MARGARET PALERMO, ET AL * IN THE DISTRICT COURT
*
22 VS. * JEFFERSON COUNTY, TEXAS
*
23 ARCO CHEMICAL COMPANY, *
ET AL * 58TH JUDICIAL DISTRICT
24 -----
25

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1 NO. E-150,405 (Consolidated D-145,280-B-C-D)
2 DONALD ROY SCHMIDT, ET AL* IN THE DISTRICT COURT
*
3 VS. * JEFFERSON COUNTY, TEXAS
*
4 THE AETNA CASUALTY & *

5 SURETY, ET AL * 172ND JUDICIAL DISTRICT

 6 NO. A-153,063
 7 ROBERT WASHINGTON * IN THE DISTRICT COURT
 8 VS. *
 9 * JEFFERSON COUNTY, TEXAS
 10 *
 11 AMERICAN CAST IRON PIPE *
 12 COMPANY, ET AL * 58TH JUDICIAL DISTRICT

 13 NO. D-143,616
 14 BARBARA MAE CASTRO * IN THE DISTRICT COURT
 15 DIDDLE, ET AL *
 16 VS. *
 17 * JEFFERSON COUNTY, TEXAS
 18 *
 19 TEXACO INC., ET AL * 136TH JUDICIAL DISTRICT

 20 NO. E-149,835
 21 JUDY BLACKBURN, ET AL * IN THE DISTRICT COURT
 22 VS. *
 23 * JEFFERSON COUNTY, TEXAS
 24 *
 25 AC&S, INC., ET AL * 172ND JUDICIAL DISTRICT

 NO. E-153,066
 BOYCE A. GILBERT * IN THE DISTRICT COURT
 VS. *
 * JEFFERSON COUNTY, TEXAS
 *
 AMERICAN OPTICAL *
 CORPORATION, ET AL * 172ND JUDICIAL DISTRICT

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1 NO. E-144,963
 2 JUANITA FRALICK, ET AL * IN THE DISTRICT COURT
 3 VS. *
 4 * JEFFERSON COUNTY, TEXAS
 5 *
 CONOCO, ET AL * 172ND JUDICIAL DISTRICT

 NO. E-144,117

6 ALBERT PALMER, ET AL * IN THE DISTRICT COURT
*
7 VS. * JEFFERSON COUNTY, TEXAS
*
8 SHELL OIL COMPANY * 172ND JUDICIAL DISTRICT

9 NO. E-146,212

10 BARBARA BOYD WINNINGKOFF, * IN THE DISTRICT COURT
ET AL *
11 *
12 VS. * JEFFERSON COUNTY, TEXAS
*
13 CHEVRON U.S.A., INC., *
ET AL * 172ND JUDICIAL DISTRICT

14 NO. 96-3348-E

15 BERNICE DENKELER, ET AL * IN THE DISTRICT COURT
*
16 VS. * NUECES COUNTY, TEXAS
*
17 AC&S INC., ET AL * 148TH JUDICIAL DISTRICT

18 VIDEOTAPED DEPOSITION OF

19 HENRY M. TAYLOR

20 January 24, 1997
21 Hilton Richmond Airport
22 5501 Eubank Road
Richmond, Virginia

Reported by:

23 B. IRENE MEGUESS, CSR, RPR
Texas CSR No. 2429
24 Nell McCallum & Associates, Inc.
2615 Calder, Suite 111
25 Beaumont, Texas 77702/(409) 838-0333
* * * * *

NELL McCALLUM & ASSOCIATES, INC.

HENRY M. TAYLOR

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Chemical Corporation (Lena Broussard Case Only);
Mobil Oil Corporation and Fina Oil and Chemical
Company (Ginger Broussard Case Only); Mobil Oil
Corporation (Mire Case Only); Fina Oil and Chemical
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HENRY M. TAYLOR

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Richfield Company, ARCO Chemical Company,
Temple-Inland, Inc., Temple-Inland Forest Products
Corporation, CanadianOxy Offshore Production Co.,
OXY USA, Inc., Cit-Con Oil Corporation (Ginger
Broussard Case Only); Atlantic Richfield Company,
ARCO Chemical Company, Temple-Inland, Inc.,
Temple-Inland Forest Products Corporation, OXY USA,
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HENRY M. TAYLOR

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In Attendance:

MS. PATRICIA TAYLOR

25

ROBERT F. COPE, JR.

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HENRY M. TAYLOR

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1

The Videographer:

WARRIENE FLATT

2

Legal Images

3

4

* * * * *

5

Videotaped deposition of HENRY M. TAYLOR,

6

a witness, called by Plaintiffs, on January 24,

7

1997, at Hilton Richmond Airport, 5501 Eubank Road,

8

Richmond, Virginia, before B. Irene Meguess, RPR,

9

Texas CSR No. 2429, pursuant to the following

10

stipulations:

11

(DEPOSITION EXHIBIT TAYLOR NO. 1 WAS

12

MARKED)

13

THE REPORTER: Before we go on the

14 videotape, this is taken by notice; correct?

15 MR. HOBSON: By notice, pursuant to
16 the Texas Rules of Civil Procedure; and an
17 objection by one defendant will be considered
18 made by all.

19 And, Mr. Taylor, you have the right
20 to read and sign this deposition. That means
21 that our court reporter will prepare it into a
22 book. Everything that's said by everybody will
23 be there, and you get that book. You get a
24 separate errata sheet.

25 You can go through the deposition and

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1 read it. Any changes that need to be made, for
2 any reason, you note on a separate errata
3 sheet, have that signed before a local notary,
4 and return that to the reporter, if you want to
5 do that. Or you have the option, unless
6 somebody insists, you can waive your right to
7 read and sign the deposition. But you have
8 that option, sir, unless somebody insists.

9 THE WITNESS: Yeah, I -- I want to --

10 MR. HOBSON: Read and sign?

11 THE WITNESS: -- read and sign.

12 MR. HOBSON: Okay. The court
13 reporter will make --

14 THE WITNESS: I also --

15 MR. HOBSON: -- arrangements --
16 THE WITNESS: -- want a copy of the
17 video.
18 MR. HOBSON: We can do that for you,
19 too, sir.
20 MR. RICE: I want to put something on
21 the record before we start, Herschel.
22 MR. HOBSON: Go ahead.
23 MR. RICE: I object to the deposition
24 going forward today. I was not provided notice
25 of the deposition, although I requested it

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1 twice from Herschel's office. I was advised of
2 the location of the deposition and the date,
3 but official notice was not received.

4 I also was advised when I went to the
5 Marriott this morning, which is where I
6 understood the deposition to be, that there was
7 no deposition there.

8 I was provided a copy of Taylor
9 Exhibit 1 from Herschel's office, which says
10 the event has been canceled for this date. I
11 subsequently learned that the deposition was
12 going forward out here. Apparently there was,
13 delivered late yesterday, a -- to my office a
14 notice that the deposition location had been
15 changed, but I never received a notice of the
16 deposition in the first place.

17 So, on that basis I do not waive my
18 right to object to the deposition as being
19 properly noticed.

20 (OFF-THE-RECORD DISCUSSION)

21 THE REPORTER: All parties are not
22 represented; correct?

23 MR. HOBSON: I think that's correct.

24 THE VIDEOGRAPHER: We're on the
25 record at 10:01.

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1 HENRY M. TAYLOR,
2 having been duly sworn, testified as follows,
3 to-wit:
4 EXAMINATION BY MR. HOBSON:
5 Q. Could you introduce yourself by telling us
6 your name, please, sir.
7 A. Okay. My name is Henry Taylor. I reside
8 at 12900 Silver Crest Road, Chester, Virginia, for
9 the past 20 years. I am president of a company
10 called R.E.C., Incorporated, that was incorporated,
11 I believe, in 1976.
12 Q. Mr. Taylor, my name is Herschel Hobson;
13 and I know somewhere back in our past we've met. I
14 recognize your face. I can't exactly remember for
15 sure where it was; but we have met, probably some
16 20 years ago or more. But you understand I
17 represent people who have brought a lawsuit against
18 what I believe are some of your old employers --
19 Ethyl and -- and I understand you worked at one time

20 at Allied, as well.

21 A. Uh-huh.

22 Q. So, you understand I'm on the opposite
23 side of your old employers from this lawsuit; do you
24 understand that?

25 A. Oh, yes.

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1 Q. Could I begin by asking you where you grew
2 up, sir, what part of the country?

3 A. Grew up in the Midwest. As the story
4 goes, I was a gleam in my daddy's eye in Alabama and
5 Texas and conceived in Texas and born outside of
6 Chicago. They invented something called a
7 Depression, and we wandered.

8 Q. I see. And may I ask your date of birth,
9 please, sir?

10 A. August 23rd, 1928.

11 Q. And would you give us the benefit of your
12 education after high school, please, sir.

13 A. United States Navy was an education.
14 After being in the Navy, I attended a school for
15 chiropractic in Chicago, Illinois. I attended North
16 Central College in Naperville, Illinois. I attended
17 the University of Illinois Medical School. I
18 attended medical college. I attended many short
19 courses on engineering and health.

20 Through the years I received a master's

21 degree from the University of North Carolina in a
22 combined safety, environmental health, industrial
23 hygiene discipline. I then attended many other
24 workshops and training -- places of training,
25 technical training, the University of Michigan,

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1 different universities and schools throughout the
2 United States and, really, over -- around the world,
3 also in Japan.

4 Q. I -- I see from your resume that your
5 earlier degree was a Bachelor of Arts with honor in
6 chemistry and zoo- -- zoology from North Central
7 College?

8 A. That's correct.

9 Q. And that was 1954?

10 A. That's correct, I believe.

11 Q. And then you have work at the University
12 of Illinois. You say it's -- human health science
13 was the area you studied?

14 A. Yes. Yeah. I -- I went in and the -- and
15 was admitted to medical school and, after two years,
16 decided that wasn't the pursuit for me. And so,
17 they have an -- a recognition of it, that that's
18 what they call it -- they called it at the time. I
19 don't know what they do nowadays.

20 Q. And then you have a master's of public
21 health in environmental science -- and that's an
22 area of interest in industrial hygiene and safety --

23 from the University of North Carolina in 1970?

24 A. That's correct.

25 Q. And that's the university at Chapel Hill,

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1 is it?

2 A. Yes.

3 Q. That was through a school of public
4 health?

5 A. Yes.

6 Q. Could I start with your professional
7 education in the area of industrial hygiene? Could
8 you give me your first job that you had in
9 industrial hygiene, please.

10 A. I'm going to subvert that a little bit in
11 that I worked as an industrial hygienist, without it
12 being called industrial hygiene, when I worked for
13 the Health Department -- Department in Wheaton,
14 Illinois. So that Dave Frazier, who was my -- one
15 of my mentors at the University of North Carolina,
16 head of the industrial hygiene department, credited
17 my industrial hygiene experience for 13 years before
18 I went to graduate school. Okay?

19 Q. About when did you --

20 A. So that when -- the first official job as
21 an industrial hygienist was with Tennessee Valley
22 Authority.

23 Q. About when did you work for the Wheaton,

24 Illinois, Health Department, please?

25 A. Well, before I went to the University of

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1 North Carolina.

2 If -- if you look on this expert

3 profile -- you all have a copy of this. If -- if

4 somebody can pick out that -- that date, great.

5 Q. That's all right. But it was just prior
6 to going to the University of North Carolina?

7 A. Yes. The head engineer at the Health
8 Department had been to UNC and wanted me to go.

9 Q. And I take it that you went to -- to UNC,
10 studied under Dr. Frazier, got your master's degree,
11 and then took other employment.

12 A. Yes.

13 Q. Where did you go after your master's?

14 A. Tennessee Valley Authority.

15 Q. So, you would have gone to the TVA in
16 about 1970?

17 A. Yes.

18 Q. And what was your job title when you were
19 working at TVA, please?

20 A. I was an industrial hygiene engineer.
21 That was the official title of --

22 Q. Can you give us --

23 A. -- that.

24 Q. -- some examples of the kinds of things an
25 industrial hygiene engineer, such as yourself, would

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1 have been doing at the TVA in 1970?

2 A. I was responsible for the construction --
3 for the health of people in the construction
4 division of Tennessee Valley Authority. At that
5 point we had some 30,000 people building steam
6 plants, Brown's Ferry Nuclear Plant, some small
7 dams, lots of construction underway at that point.

8 And my function -- oh, we also had Raccoon
9 Mountain Peak Load Pump Storage Project; and I
10 helped design the ventilation for this facility
11 outside of Chattanooga. We dug it -- a
12 thousand-foot tunnel inside of a mountain and went a
13 thousand foot up and made a bathtub at the top of it
14 and created a power source, if you will, for the
15 Tennessee Valley area.

16 And so, the -- the engineer that I
17 reported to died in that period; and TVA sent me off
18 to the University of Michigan for a special
19 ventilation training beyond my master's degree. And
20 I came back and then continued to finish that design
21 and eventually to hire people to certify and to
22 check it on a periodic basis and develop a program
23 in industrial hygiene and construction.

24 Q. And -- and about how long did you work for
25 the TVA as an industrial hygiene engineer?

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1 A. I'd like to make reference to -- '70 and
2 '72.

3 Q. And what was your next employment after
4 your industrial hygiene engineering experience at
5 the TVA?

6 A. I went to work with Ethyl Corporation in
7 New Orleans.

8 Q. And so, you would have started that job in
9 1972?

10 A. Yes, sir.

11 Q. And about how long did you stay with Ethyl
12 Corporation?

13 A. Till '76, sometime in '76.

14 Q. And can you tell me what title you would
15 have held or titles you would have held at Ethyl
16 Corporation, please?

17 A. Okay. I started out as the industrial
18 hygienist. Then, as things went along, I was
19 identified as the chief corporate industrial
20 hygienist for Ethyl Corporation.

21 Q. Do you recall approximately when that job
22 title change occurred?

23 A. No. Halfway.

24 Q. When you joined Ethyl Corporation, was
25 there already a -- an industrial hygienist working

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1 for the corporation or had there been in the past
2 that you knew about?

3 A. There was an industrial hygiene technician
4 working for the corporation at that time. He's in
5 the room here.

6 Q. Oh, who would that be, sir?

7 A. Mr. Cope.

8 MR. COPE: Right here.

9 BY MR. HOBSON:

10 Q. Oh, I see.

11 A. I think Mr. Cope and -- and Steve Rice
12 here talked --

13 MR. COPE: Yes.

14 A. -- yesterday.

15 MR. COPE: My job title is industrial
16 hygienist.

17 BY MR. HOBSON:

18 Q. Okay. And could you describe what you
19 remember Ethyl Corporation being like; in other
20 words, how big the company was, where -- where the
21 plants were, that sort of thing, and when you joined
22 the company, sir?

23 A. I believe that the -- to the best of my
24 recall, there were 54 plants across the United
25 States in varying divisions -- plastics division, a

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1 chemical division, aluminum division -- two or three
2 facilities there -- and then several plastics
3 divisions.

4 Q. Now, the -- the New Orleans office, where
5 you worked, was that a corporate office or an
6 outlying office or a plant office? How would you
7 describe it, sir?

8 A. That's what attracted me to Ethyl
9 Corporation. It was the -- a toxicologic facility
10 built. It was supposed to be -- presented to me as
11 the Midland -- this is a tox lab of an organization
12 in the -- where it's located in the north. This was
13 supposed to be the Midland of the south. We're
14 going to solve all the injuries and hurts and
15 prevent all of those kinds of problems in the
16 southern United States.

17 Q. When you say --

18 MR. RICE: Object to the
19 responsiveness.

20 BY MR. HOBSON:

21 Q. When you say "the Midland," are you
22 meaning Midland, Michigan?

23 A. Yeah.

24 Q. So, that's equivalent to Dow's toxicity
25 testing facility?

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1 A. Yes. Yeah. And it was a very, very nice
2 facility, a good facility, and certainly was its

3 equivalent for just starting out.

4 Q. And was it your appreciation that this was
5 a relatively new laboratory, then?

6 A. Yes. It was brand spanking new.

7 Q. And your job was the industrial hygienist
8 for the laboratory?

9 A. For Ethyl Corporation, with offices
10 located at the laboratory.

11 Q. Would you have had responsibility as an
12 industrial hygienist at Ethyl Corporation, then, for
13 these approximately 54 plants?

14 A. Yes.

15 Q. So, part of your job was to visit these
16 plants, too?

17 A. Yes.

18 Q. And you say Mr. Cope was there working for
19 Ethyl. Was he part of the organization you were in
20 or in a different organization within Ethyl?

21 A. No. He -- we were together, and we were
22 in the same organization. We -- and we reported to
23 the same person.

24 Q. And to whom did you report?

25 A. Bill Rine- -- well, first, I reported to

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1 George Roush. He's a medical director of Ethyl

2 Corporation. Then I reported to Bill Rinehart.

3 Then I reported to Mitch Zavon. Then I reported to

4 Gary Ter Haar.

5 Q. Dr. Roush was the medical director of
6 Ethyl, you say?

7 A. Yes.

8 Q. And who would Dr. Rinehart have been?

9 A. Dr. Rinehart was the -- a toxicologist.

10 Q. And did Dr. Rinehart work with Ethyl at
11 the same time Dr. Roush did, then?

12 A. Yes. I think George -- George hired Bill,
13 to the best of my knowledge. Dr. Roush hired
14 Dr. Rinehart.

15 Q. And then, when Dr. Rinehart came on, your
16 reporting responsibility changed from Dr. Roush to
17 Dr. Rinehart?

18 A. No. Dr. Roush was the entity that brought
19 me to Ethyl Corporation -- his dream, his vision.

20 Q. I -- I'm confused a little bit, I guess,
21 about when your reporting from Dr. Roush to
22 Dr. Rinehart -- Dr. Rinehart occurred.

23 A. Probably with -- I was hired under one
24 flag; and then by the time I had arrived, it had
25 changed.

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1 Q. I see. And then there is a Dr. --

2 A. And there's --

3 Q. I'm sorry. Go ahead.

4 A. Well, and then, not too long thereafter,
5 Dr. Roush left.

6 Q. And then you mentioned Dr. Zavon. What
7 was his title?

8 A. Medical director. Let's see, Zavon --
9 well, medical director.

10 Q. So, Dr. Roush, the medical director,
11 leaves; and Dr. Zavon replaces Dr. Roush?

12 A. Probably functionally Dr. Rinehart worked
13 in that responsible area until Dr. Zavon was brought
14 on board --

15 Q. Was Dr. Rinehart a --

16 A. -- as I recall.

17 Q. -- a physician?

18 A. No. He's a toxicologist.

19 Q. A Ph.D., then?

20 A. Ph.D.

21 Q. So, are you telling me, then, for a period
22 of time after Dr. Roush left and before Dr. Zavon
23 came, the -- the medical directorship, as you
24 appreciated it, was -- was vacant?

25 A. Yes.

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1 Q. And then, you mentioned Gary Ter Haar. Is
2 that an M.D., Ph.D.; or is it Dr. Ter Haar?

3 A. Ph.D.

4 Q. And Dr. --

5 A. Dr. -- yeah. Okay.

6 Q. What is Dr. Ter Haar's area of work?

7 A. Dr. Ter Haar came out of the Detroit
8 laboratory for Ethyl Corporation. And at least part
9 of his work was to analyze chemicals coming out of
10 any exhausts of automobiles. As far as I know, that
11 was his background.

12 And -- and up in the Detroit lab, in
13 visiting -- I visited the Detroit lab several times
14 as an industrial hygienist. And so, I -- I think
15 even in the slides in -- that we'll view, there may
16 be a shot of an automobile at the Detroit lab.

17 Q. When you left Ethyl in 1976, was Dr. Zavon
18 the medical director at that time?

19 A. No. Dr. Ter Haar was.

20 MR. RICE: Medical director, he
21 said.

22 A. There -- well, Ter Haar functioned as the
23 medical director because Zavon had left in a rather
24 abrupt fashion and Ter Haar was brought in from
25 Detroit. I mean he -- functionally he worked in

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1 that spot.

2 BY MR. HOBSON:

3 Q. So, to be sure I've got this right, your
4 '76 -- I'm sorry -- your tenure at Ethyl from 1972
5 to 1976, there were two medical directors, Dr. Roush
6 and Dr. Zavon; and there were periods of times when
7 there was no medical doctor in the medical
8 director's position at Ethyl. Would that -- is that

9 what you're saying?

10 A. Yeah. And another way of looking at it is
11 that the reporting for the medical director in Ethyl
12 gradually went from the highest level to quite a low
13 level.

14 Q. Can you explain what you mean by that?

15 MR. RICE: Excuse me. Object to
16 the responsiveness.

17 BY MR. HOBSON:

18 Q. Tell us what you mean, if you would,
19 Mr. Taylor --

20 A. The medical director that employed me --
21 when you're trying to help with change, you need to
22 speak from some point of power. One of the things
23 that was attractive to me and attracted me to Ethyl
24 Corporation was that the medical director reported
25 to the topmost people, as did Dr. Kehoe before him.

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1 Kehoe worked as a consultant medical
2 director for Ethyl Corporation for many years. He
3 reported directly to -- in my understanding, to the
4 family Gotwalds, who ran Ethyl Corporation.

5 The next entity was that George Roush was
6 on the board of directors for Ethyl Corporation.

7 The next thing that occurred, to my
8 knowledge, was that George Roush reported to an
9 executive vice-president by the name of Bim

10 Geautreaux, who was on the board of directors.

11 The next -- we're -- we're going to lower
12 levels in the organization. And when that happens,
13 organizationally, then one loses their power. One
14 loses their influence, their ability to influence
15 for whatever your purpose, whatever you are hired
16 for. You lose a percentage of effectiveness.

17 So, there was a certain percentage of
18 effectiveness lost from the time that I was hired to
19 the time that I got there because then my reporting
20 happened to a -- someone who had a less powerful
21 position, if you will.

22 MR. RICE: Excuse me. I object
23 to the responsiveness of -- or the
24 nonresponsive nature.

25 BY MR. HOBSON:

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1 Q. The change in reporting level of the
2 person you reported to --

3 A. Uh-huh.

4 Q. -- how did you perceive this affecting
5 your work, if it did?

6 A. It lessens, it weakens the strength of
7 findings. It makes more complex the distribution of
8 findings, and it puts people who are not technical
9 to handle the information. Instead of being able to
10 make decisions, they had to do things by consensus.
11 And it slows every -- the process of industrial

12 hygiene becomes slow.

13 Q. Now, tell us what you were doing in this
14 early time at Ethyl while you were an industrial
15 hygienist and experiencing these changes in the --
16 the reporting.

17 A. I would like to make reference to the
18 slides. It would help me more to be able to do
19 that.

20 Q. Can you tell us --

21 A. Okay?

22 Q. -- what the slides are and how they help
23 answer that question, first?

24 A. They show what I was doing.

25 Q. Okay.

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1 A. Okay?

2 MR. RICE: Well, I object to
3 the deposition not proceeding in a
4 question-answer fashion.

5 MR. HOBSON: I think he's answering
6 my question but --

7 MR. RICE: Well, I think he's not.

8 MR. HOBSON: Okay.

9 BY MR. HOBSON:

10 Q. Do we need to turn the slide projector on,
11 then --

12 A. Okay.

13 Q. -- Mr. Taylor?

14 A. What I would like to do for my thoughts --
15 so, be patient with me, please. By def- --

16 MR. RICE: Excuse me. I object to
17 the showing of something up here. There's no
18 question before the witness. So, I object.

19 MR. HOBSON: Okay. Fine.

20 BY MR. HOBSON:

21 Q. Go ahead, Mr. Taylor.

22 A. Okay. We have been in the business for
23 40 years, really, of industrial hygiene, one way or
24 the other.

25 Q. When you say "we," who do you mean?

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1 A. Our company.

2 Q. Ethyl?

3 A. Me.

4 Q. Oh.

5 A. Me.

6 Q. Okay.

7 A. We've gotten to the point where we have
8 helped somebody become very, very successful,
9 through using effective industrial hygiene
10 principles. We learned, through the situations, as
11 they described, that top management has to be
12 involved if you're to accomplish anything. So that
13 at this juncture in my life, after 40 years and a
14 reflection, we bring -- present ourself as

15 management consultants, specializing in safety,
16 industrial hygiene, environmental, indoor air
17 quality, risk evaluation and control, and improving
18 management processes.

19 Q. That's your R.E.C. corporation you're --

20 A. Yes.

21 Q. -- talking about?

22 A. Yeah.

23 Q. That started when, sir?

24 MR. RICE: Excuse me. I'm going
25 to object to the last matter, which was not

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1 responsive to a question.

2 BY MR. HOBSON:

3 Q. When did you start R.E.C., Inc., sir?

4 A. R.E.C. was incorporated in the year 1976.

5 Let me get to that.

6 Q. What -- what -- what was the purpose of
7 incorporating R.E.C., Inc.? How did that come
8 about?

9 A. We would get to that, but I'll go ahead
10 and answer now. As part of my responsibility to --
11 at Ethyl Corporation, I was asked to conduct surveys
12 at companies where -- industrial hygiene surveys,
13 audits, at companies where Ethyl Corporation sold
14 its product, such companies as Crown Petroleum,
15 Ashland Petroleum, and the list goes on -- perhaps a

16 dozen different petrochemical operations.

17 This was at the time when OSHA was just
18 forming up, and these organizations evidently
19 appreciated Ethyl coming in and sharing their
20 expertise and helping them organize their programs.

21 Q. Now, I see on this slide that -- that
22 you've got up here, it just occurred to me, R.E.C.
23 might be recognize hazards, evaluate, and control.

24 A. That's where it came from. The Atomic
25 Energy and Oil Workers Union in Texas had an

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1 objection to Ethyl Corporation coming in and
2 saying: Here is their expert. He's going to come
3 in and protect you and so on and so forth.

4 The union objected to this, and they were
5 in the position that they couldn't refuse Ethyl
6 Corporation. After all, they needed the tetraethyl
7 lead, methyl lead -- they needed the -- the
8 products. So, it made a confrontation within their
9 organizations.

10 The higher management in Ethyl Corporation
11 solved that problem by having Henry incorporate.
12 So, I've been incorporated. When I worked with
13 Ethyl Corporation, at the end of that, at least --
14 applied for it in 1995. I must have been given the
15 go ahead --

16 Q. You mean '75?

17 A. '75. I must have been given the go ahead

18 to do that. My incorporation came -- R.E.C. came to
19 existence in January of 1976.

20 Q. Let -- let me ask you a few questions,
21 then, see if I've understood what you've said.

22 Ethyl Corporation was going to market your
23 industrial hygiene skills?

24 A. They were, yes.

25 Q. And in fact, you did some consulting in

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1 industrial hygiene for other companies, through
2 Ethyl?

3 A. Yes.

4 Q. And it was Ethyl's suggestion that you
5 incorporate and form what became R.E.C., Inc.?

6 A. Yes. The -- the unions then could -- if
7 I -- my experience and expertise was -- was
8 submitted to a plant. Then the mechanism, I
9 understood, happened is that the plant, the
10 facility, could give this to their union and their
11 union then would have the final say on whether Henry
12 Taylor would go through and -- and look at the
13 health aspects of their facility where they worked.

14 Q. Now, you -- you mentioned that Ethyl was
15 in the business of selling leaded gasoline additive
16 to the plants, the refineries and chemical plants?

17 A. Yes.

18 Q. For the benefit of people who might not

19 know much about lead antiknock additive, can you
20 tell us, in general, what this product was and how
21 it was sold?

22 A. I mentioned that we visited the Detroit
23 laboratory. And what a wonderful group of human
24 beings, generally. They had the feeling that they
25 helped preserve democracy in the world.

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1 Great Britain had been losing the war over
2 Britain because the Spitfire, their airplanes, could
3 not keep up with the Messerschmitt. They
4 couldn't -- they were out-maneuvered by the German
5 fighters.

6 Tetraethyl lead came in and enhanced the
7 interval of energy transmission in the piston so
8 that more power could be developed. And with the
9 advent of the tetraethyl lead, the war over Britain
10 changed.

11 I might mention that my wife, Patricia,
12 here with me, was on the receiving end of that. I
13 might have helped save her life or Ethyl might have
14 helped save her life when Hitler was bombing on
15 her. It's kind of interesting.

16 Q. Now, the -- had Ethyl been making lead
17 additive prior to World War II, even?

18 A. Not -- not to -- not to my knowledge.
19 That's -- that's where it developed. It was
20 invented there. It was invented during the war.

21 Okay? And as -- at least as applies to aviation,
22 okay, and aviation fuels of those days.

23 So, this -- this fuel -- this more punch
24 kind of a fuel, then, would have application in any
25 gasoline engine -- automotive, whatever.

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1 Q. Now, the -- this lead antiknock additive
2 product that Ethyl was selling to the -- the various
3 refineries in the United States after the war, was
4 there a program that Ethyl established to make sure
5 this product was handled properly by the -- its
6 customers?

7 A. Yes. Yeah. And I -- in the main this was
8 strongly influenced by Dr. Kehoe.

9 Q. Okay. Who was Dr. Kehoe?

10 A. Dr. Kehoe was a medical -- he was a
11 physician, considered the grandfather, I guess,
12 of -- of lead, at least in the United States. Did
13 work -- he did research to find lead in outreaches
14 of Mexico and lead around the world. And he helped
15 characterize man's interface with lead.

16 He periodically, before my time, caused
17 the -- during the manufacture of tetraethyl lead,
18 that it would be so tight that they had no need for
19 industrial hygienists, because none of the
20 tetraethyl lead would get out in the air. That was
21 his theory.

22 Q. Now, Dr. Kehoe, as I appreciate it, was,
23 at least for some period of time, at the University
24 of Cincinnati?

25 A. Yes. Yeah.

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1 Q. Now, how far back --

2 A. The one -- one time that I met him, that's
3 where I met him.

4 Q. How far back in time, based on your
5 experience with Ethyl, would you say that -- that
6 Dr. Kehoe was Ethyl's medical director?

7 A. I -- I don't have an estimate on that.

8 I would like to, at this time, give you
9 two copies of documentation (tendering), okay,
10 because what I want to do is -- is at the second --
11 and then you do with the second copy whatever you
12 will -- but these tabs that I make reference to -- I
13 don't have a photographic memory, if you will,
14 and -- or organization. And so, I follow a
15 chronology of the events. Okay? So, when I
16 described the -- what we are -- how we present
17 ourself to the world this day and age, then that is
18 Document 2 in this. Okay?

19 Then, you had already asked me about
20 Tennessee Valley Authority. And in August 16th of
21 1982, making reference to a work in the early '70s,
22 a fellow who was the director of the American Board
23 of Industrial Hygiene and the past chairman of the

24 American Conference of Governmental Industrial
25 Hygienists by the name of Dave Trayer said that:

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1 Based upon the work he did -- Henry Taylor -- while
2 under my supervision, our work together in other
3 professional activities, his professional
4 certification by the American Board of Industrial
5 Hygiene, I consider Henry Taylor to be a highly
6 qualified and competent industrial hygienist.

7 And among this group of predators, I want
8 to have -- at least Dave will come and -- and say
9 something nice. Okay?

10 MR. RICE: Object --

11 A. And I'm saying that jokingly.

12 MR. RICE: Well, I object to the --

13 A. I don't --

14 MR. RICE: -- responsiveness.

15 A. Okay.

16 One of the -- one of the documents also in
17 there is that -- my certification by the American
18 Board of Industrial Hygiene in comprehensive
19 practice of industrial hygiene on May the 14th,
20 1972, okay, and -- and a reference there that I have
21 kept up that certification, attending courses, and
22 doing work there.

23 BY MR. HOBSON:

24 Q. Now --

25 A. Now --

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1 Q. -- Mr. Taylor, let me interrupt you --

2 A. Certainly.

3 Q. -- just a second. We invited you here by
4 subpoena --

5 A. Yes.

6 Q. -- and asked you to bring certain
7 documents pursuant to that subpoena.

8 A. Yeah.

9 Q. Are these documents responsive to that
10 subpoena?

11 A. Yes, absolutely. And this -- this is what
12 I was attempting to get to. Okay?

13 One of the documents has the word
14 "dose response" upside down. Okay? Integral to
15 asking me questions, okay, and integral to
16 understanding my view on things, you've got to have
17 a concept of this dose-response.

18 In Ethyl -- let me change this so
19 that -- if I have a full cup of coffee, we could
20 consider that full dose. If I had a half a cup of
21 coffee, I have a lesser dose, a lesser concentration
22 of material.

23 If I have a full cup of coffee, I'm going
24 to have to adjourn and go over there to the
25 washroom. I might be able to sip on a half a cup of

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1 coffee and we go along together. My response is:
2 To a heavy dose, I'm going to have to do something
3 different than I would to a mild dose.

4 On the handouts I have, I put the word
5 "dose response" on it. But you'll notice that
6 that's upside down.

7 The fascinating thing about going to work
8 with Ethyl Corporation is that they had tremendous
9 documentation of response.

10 Q. Let me stop you just one second.

11 A. Sure.

12 MR. LOKER: I object. I would
13 like the witness to finish his answer.

14 MR. HOBSON: I'm going to give
15 him that chance, but I want to ask this
16 question in the middle.

17 BY MR. HOBSON:

18 Q. Would you explain to us what the upside
19 down "dose response" exhibit here that you have has
20 to do with Ethyl Corporation?

21 MR. RICE: Before you do that --

22 A. We're right to that. We're right to that.

23 MR. RICE: Let me just interject --

24 THE WITNESS: Sure.

25 MR. RICE: -- an objection --

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1 THE WITNESS: Go ahead, Steve.

2 MR. RICE: -- to the

3 nonresponsiveness of the prior dialogue.

4 Go ahead.

5 A. Okay. Ethyl Corporation had had

6 tremendous people as medical directors. You know,

7 here is Kehoe. Roush was very, very impressive.

8 Okay? I later got to know Dr. Roy Bock, and I got

9 to know Ted Robinson. Okay? Tremendous human

10 beings as physicians in the people protection

11 business. They had tremendous response

12 information. They had very little dose

13 information. Okay?

14 Because of the variableness in the human

15 organism, the physician has great difficulty

16 dealing -- or differentiating variableness in human

17 beings. Look at us all. Look around this room how

18 we vary. Okay?

19 However, is there somebody here who's

20 sick, who really ought to be in the hospital? And

21 it becomes difficult, without relating this -- just

22 with the response information, you really don't know

23 about the border-lying situations.

24 But if we can say that several people in

25 this room should be in a hospital and then we find

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1 that they were exposed, they had an exposure dose
2 that was similar, then we're beginning to understand
3 the dose-response relationship.

4 We're dealing with biological variation,
5 the docs are; and they're operating blind unless
6 they have the dose information.

7 The converse is true. If we have dose
8 information, without a biological response, you
9 can't protect anyone. You need to have that
10 relationship. That's what brought me to Ethyl
11 Corporation, is that they had all of this, very
12 little of this (indicating).

13 BY MR. HOBSON:

14 Q. Are -- are you saying, Mr. Taylor, that --

15 MR. RICE: Excuse me. I object
16 to the responsiveness of the last answer.
17 And let me also interject -- object to the
18 slide up here, because there's no question
19 before the witness.

20 MR. HOBSON: Well, let's -- let's --

21 A. I'm referencing dose-response here, but --
22 okay.

23 BY MR. HOBSON:

24 Q. The slide behind you talks about the
25 application of dose-response and your handout said

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1 dose-response and these two go together?

2 A. Yeah.

3 Q. Are you saying, when you talk about
4 this -- this dose-response on your -- on your chart
5 there, that response is, in essence, medical
6 monitoring in the industrial situation?

7 A. Yes.

8 Q. And the dose is industrial hygiene in the
9 industrial situation?

10 A. Yes.

11 Q. And if I understand what you said, then,
12 for there to be a -- a good, competent program in
13 industrial practice, you must have both --

14 A. Yes.

15 Q. -- medical monitoring and industrial
16 hygiene or personnel monitoring?

17 A. Yes.

18 Q. Now, why is this dose-response connection
19 so important in your line of work?

20 A. Later slides, it -- it allows the
21 physician, it helps the physician declare
22 extraordinary risk or acceptable risk for the life
23 and well-being of the people working in that
24 facility.

25 Q. Now, how is it, sir, that -- that you, as

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1 the industrial hygienist at Ethyl, did your job to
2 begin to answer what you had been hired for about
3 the dose side of this problem?

4 A. Okay. I would like to go further through
5 the slides in response to that.

6 Q. All right, sir.

7 A. And I've got to see them somehow.

8 THE WITNESS: Turn the focus knob on
9 that, please.

10 MS. TAYLOR: Where is it located?

11 THE WITNESS: Up on top, right next
12 to the wheel, on top.

13 MR. HOBSON: On top.

14 MS. TAYLOR: (Complying)

15 A. Okay. I'm going -- I'm going to go to the
16 next slide. Let's see.

17 THE WITNESS: Our -- our lighting
18 is -- can we dim the lights at all? Certainly,
19 right back there on the wall.

20 Dim the lights, please. Turn -- if
21 you just turn one of those knobs -- and let's
22 just play with it and watch the lights and see
23 if we can --

24 THE VIDEOGRAPHER: (Complying)

25 THE WITNESS: There you go. Do that

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1 some more. And -- and do it some more. Now
2 we're starting to get there.

3 THE VIDEOGRAPHER: (Complying)

4 A. All right. I'm going to point out

5 something here. And if you can't see it --

6 BY MR. HOBSON:

7 Q. First of all, if I could, Mr. Taylor --

8 A. Yeah.

9 Q. -- would you tell us what this slide is,
10 just an overview? What -- what is this slide a
11 picture of?

12 A. All right. We have a structure here, ajar
13 doors; and we have a vapor arising out from those
14 doors.

15 Q. And who would have taken this photograph?

16 A. I did.

17 Q. And where is this photograph taken?

18 A. This is at the Baton Rouge facility.

19 Q. Of Ethyl?

20 A. Yes.

21 Q. All right, sir. Now, if you would, tell
22 us what this has to do with dose-response in your
23 work.

24 A. To begin, in my profession, your job, you
25 do a walk-through survey. And you smell, observe,

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1 and look for probable cause. When you see vapor
2 like this, you'd say: Oh, that could be a big
3 dose. And so, that's where you start, with what
4 might be a big dose.

5 On investigation -- in -- in my
6 profession -- can you see this pump here --

7 Q. Yes, sir.

8 A. -- on the chap's rear? And you see the --
9 the hose from the pump. This creates a negative
10 air, and tubing goes over. And on that person's
11 front part is a filter paper. And it catches the
12 chemical that would be in the air here. Okay?

13 So, my role, then, was to monitor, if you
14 will, the exposure for this individual. And you can
15 see the vapors. The individual is starting to --
16 standing at a rail. You can see this material.
17 This material then turned out to be barium chloride.

18 Q. Let me stop you, if I could.

19 A. Certainly.

20 Q. Can you tell us who took this picture?

21 A. I did.

22 Q. And -- and where was it taken?

23 A. Baton Rouge facility.

24 Q. Can you tell me about when each of these
25 two pictures, the first one we just saw and this

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1 one, was taken?

2 A. In 5 -- the slides have -- have dates on
3 them. And so, they were developed in 5-73, May of
4 '73.

5 Q. Okay, sir. And what about this picture
6 has to do with your evaluation of dose?

7 A. Okay. We could take the -- the data that

8 we got from that catcher's mitt. All of this
9 instrumentation is calibrated. We know how much air
10 is pulled through there. We time the -- the time
11 that the individual -- the pump was started to when
12 it was turned off. We submit the material on the
13 filter paper to a laboratory, and the laboratory
14 then tells how much they found.

15 We can integrate the amount of material
16 found with the time and the rapidity of the pump;
17 and we have a concentration, an exposure
18 concentration, for this individual. Okay?

19 Q. Are we seeing something in the air back
20 there, Mr. Taylor?

21 A. That's -- that's what we were measuring,
22 what was in the air. That was the purpose of this
23 whole thing. Obviously, there is something there.
24 Hey, is that a big dose of what, question mark?
25 Okay?

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1 Q. So, is what you're saying with these --
2 these two slides that we've seen, that your job as
3 an industrial hygienist is when you see something in
4 the air, that's a red flag that says you've --

5 A. That's --

6 Q. -- got to look further?

7 A. That's part of it, yes. And actually
8 that's a small part, but that's -- all right.

9 Q. What are we looking at here, sir?

10 A. We're looking at the complete -- you --
11 you can't see other than the individual's leg here.
12 You can see the bags of the barium chloride, and
13 vapor has filled the room. Okay? Now --

14 Q. This is a slide you've taken --

15 A. Yes.

16 Q. -- of the same era?

17 A. Yeah. It's following the other,
18 sequential.

19 Now, let's -- let's see what we've got.

20 MR. MARON: Can we go back and
21 identify for the record where this was coming
22 from?

23 BY MR. HOBSON:

24 Q. Where -- where was this slide --

25 A. Yes. Now, well, when -- it's coming from

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1 the same process of the preceding one. Now --

2 Q. That's at Ethyl in Baton Rouge?

3 A. -- it's a hot -- hot process. And now
4 we've gone through a mental gymnastic. Okay? But
5 on analysis, on -- on looking at the data from our
6 catcher's mitt, worn by this individual, we're
7 essentially talking about steam and a little bit, an
8 acceptable level, of barium chloride, as far as
9 health goes. The worst thing that could happen if
10 somebody got sensitive to barium chloride is they

11 might get a little diarrhea.

12 But that's the nature of the
13 dose-response. You look for where the -- the injury
14 or you smell for where there might be an injury.
15 You listen for where there might be injury. And you
16 look -- prioritize by doing the worst case first.
17 And that certainly was a horrible thing.

18 Q. Now, these -- these first three slides,
19 all those were the same process at Ethyl in Baton
20 Rouge?

21 A. And there's no problem. There's no -- no
22 really health threat in any of that, despite how
23 terrible that looks.

24 Q. But you didn't know that until after you
25 made --

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1 A. That's right.

2 Q. -- your evaluation?

3 A. That's right.

4 Q. All right, sir. What are we -- is this
5 a --

6 A. Now -- now, we're at the same facility,
7 the Baton Rouge plant. And we're calling attention
8 to the maintenance shop. Another of the reasons
9 that people had to hire us to -- Ethyl Corporation,
10 was that the development of the OSHA Act, the people
11 would be working with asbestos. And here is an
12 individual, has got the pump on, has got the little

13 tubing, he's got the catcher's mitt. And he is
14 using a band saw and cutting insulation, asbestos
15 insulation. Okay?

16 Q. Excuse me. Could you go back to that last
17 one?

18 A. Sure.

19 Q. Again, these are slides that you took?

20 A. Yes.

21 Q. And these are all at Ethyl in Baton Rouge?

22 A. That's right.

23 Q. And this man is cutting, with a band saw,
24 preformed asbestos-containing insulation?

25 A. Exactly.

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1 Q. All right, sir.

2 A. Okay. Now, I -- I would comment at the
3 onset that these gentlemen had access to showers and
4 clothing change. All right? Their -- their
5 clothing was provided and rules were such that they
6 would shower and wash up and -- good hygiene in
7 association with a potential toxic material.

8 Q. And what year was this?

9 MR. RICE: And respirator.

10 THE WITNESS: Beg your pardon?

11 MR. RICE: And respirator.

12 A. And respirator, absolutely. Okay?

13 That was in June of '73, I believe.

14 BY MR. HOBSON:

15 Q. Okay. So, this is after the OSHA
16 regulations --

17 A. Yeah.

18 Q. -- which would require these different
19 things?

20 A. Yeah.

21 Q. Now, I see kind of in the background there
22 it looks like a tube. Did this saw also have forced
23 exhaust ventilation?

24 A. Negative air. I -- I use the terminology
25 "negative air" ventilation.

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1 Q. All right, sir.

2 A. And that's what I believe Hemeon would --
3 would use. Okay.

4 So, now, here we have -- here's the -- the
5 other -- the front part of the catcher's mitt, if
6 you will. Okay? And you can see this operator over
7 here is wearing one, too. All right? And again,
8 they're -- they're cutting the preformed asbestos
9 material.

10 MR. SWEET: Object as nonresponsive.

11 UNIDENTIFIED SPEAKER: Object --

12 THE REPORTER: I'm sorry, who was
13 that?

14 MR. LOKER: Object as nonresponsive.

15 BY MR. HOBSON:

16 Q. Let me ask you, Mr. Taylor: This white
17 material that's on the top of the saw, what -- what
18 is that, sir?

19 A. That's asbestos-containing material
20 from -- these seams have been cut in that angle,
21 insulation angle (indicating).

22 Q. So, it's dust made by the saw in the
23 cutting --

24 A. Yes.

25 Q. -- process?

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1 A. Uh-huh.

2 Q. And I see on the fellow's trousers, down
3 there on his leg --

4 A. Right here (indicating).

5 Q. Yeah, that white -- would you know what
6 that was, sir?

7 A. That would be the same material.

8 Q. Is that why it is necessary to have people
9 have change of clothes and -- and dirty clothes
10 lockers versus their street clothes lockers?

11 MR. MARTIN: Objection, leading.

12 A. The double locker system developed out of
13 the tetraethyl lead operation, and I think the why
14 of it was that you'd have uniforms -- these were
15 maintenance workers. Okay? And they, at different
16 times, can work in different places in the

17 facility. So, my understanding was that the
18 standard was that everyone was involved in that.
19 Okay?

20 BY MR. HOBSON:

21 Q. So, not just insulation workers --

22 A. That's right.

23 Q. -- at the Ethyl plant, but everybody?

24 A. Yeah.

25 Q. Okay, sir. What is this a -- a slide of,

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1 sir?

2 A. You mentioned a ventilation, the negative
3 air. We tested -- this is a smoke test to determine
4 if this is capturing the -- the fibers. There's a
5 down-draft. This is sucking from down here. And
6 this wasn't working as well as we would like,
7 obviously.

8 Q. You say a smoke tube. That's a -- a
9 little glass tube that you can blow air through and
10 it will generate a visible smoke you can --

11 A. It had stannous --

12 Q. -- see?

13 A. At that time it had stannic tetrachloride
14 in it. And the moisture in the air would combine
15 with the chemical, the tin chloride; and you'd get
16 visible -- you can see just a wee bit of it here.
17 That's really solubilized hydrogen chloride on
18 moisture in the air, is -- is what you visualize.

19 But it -- with this we can track whether that is
20 drawing.

21 Q. So, what you're really doing is making a
22 smoke so you can see where the air is going?

23 A. That's right.

24 Q. And see whether or not your --

25 A. At --

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1 Q. -- your hood is working?

2 A. At the same time, we see these materials
3 and something isn't working properly.

4 Another responsibility of the industrial
5 hygienist is to get that working properly, make
6 recommendations that -- that would come about.

7 Q. All right, sir.

8 A. And I had the ventilation experience
9 previously at TVA that they wanted.

10 Q. All right, sir. And what we're seeing now
11 on the left-hand side, that's the cutting blade of
12 the band saw, right where your pointer is?

13 A. Here (indicating)?

14 Q. Yes, sir. That's the blade of the band --

15 A. Yes.

16 Q. -- saw?

17 A. Yeah. Yeah.

18 Q. All right, sir. And what do we see here?

19 A. Okay. Here you see two people. This is

20 Transite. This has a higher concentration, usually,
21 of asbestos than the other material.
22 You can see that this individual has a
23 sampler on here and here. And again, we go through
24 the same gymnastic to determine the individual's
25 dose to this Transite material.

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1 Q. Now, did you take this picture?
2 A. Yes, I did.
3 Q. Is this also Ethyl in Baton Rouge in about
4 '73?
5 A. Exactly.
6 Q. All right. And this -- when you say
7 Transite, that's the corrugated material you
8 sometimes see on the outside of buildings?
9 A. Yes.
10 Q. And they're cutting this with a table saw?
11 A. Yes.
12 Q. And does the table saw have ventilation on
13 it?
14 A. You can't tell from this picture. You
15 can't tell from this picture.
16 Q. All right, sir.
17 A. Okay.
18 All right. This is an insulation work at
19 the Baton Rouge facility.
20 Q. What does this demonstrate, Mr. Taylor?
21 A. This individual is removing insulation, or

22 replacing, one way or the other -- these were
23 removing it, actually, here. And you can see,
24 here's the little tubing. And we were monitoring
25 his exposure. Okay?

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1 Q. Now, at this point in time, when the
2 insulation is being removed, would you recall if
3 there --

4 THE WITNESS: Try the adjustment a
5 little bit.

6 A. Go ahead.

7 BY MR. HOBSON:

8 Q. Would you recall if -- if this material
9 had been wetted before it was removed?

10 MR. RICE: Object. He did not say it
11 was necessarily being removed.

12 MR. HOBSON: I think he said it was.

13 A. Well, it -- here it's being removed,
14 obviously. You can see where they've cut, and
15 they've -- they're taking it off in -- in chunks and
16 disposing of it in a drum.

17 MR. RICE: Okay.

18 A. It was not removed wet.

19 BY MR. HOBSON:

20 Q. Okay.

21 A. It -- it wasn't sprayed or -- or spritzed
22 on. There's no -- well, you can't see there.

23 There's -- there's no equipment to do that there.

24 Q. All right, sir.

25 A. Okay.

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1 Q. And what -- what does this show, just the
2 removal of the preformed insulation?

3 A. Right. And that, again, the dose, the
4 exposure dose, was -- never did find that out.

5 THE WITNESS: Turn that again and
6 get -- that will come a little bit better
7 than --

8 MS. TAYLOR: (Complying)

9 THE WITNESS: Thanks, Pat.

10 BY MR. HOBSON:

11 Q. What is this slide, sir?

12 A. All right. Now, I might say that on the
13 asbestos, for the rules and regulations at that
14 point in time, we didn't find any negative thing.
15 There's work practices, the cleanliness and neatness
16 and so on and so forth. But the exposures at that
17 point in time would not overwhelm the respirator and
18 the rules and regulations at that time.

19 So, again, we have something that was
20 called to the attention by -- and required by
21 Federal OSHA; and the facility was coming along very
22 well. I was hired in to try to upgrade the
23 engineering control of that in this instance.

24 Okay.

25 Okay. These three chaps -- again,

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1 pictures I took -- they work over in a cell area at
2 the Baton Rouge facility. They manufacture
3 electrolytic cells.

4 Q. What -- what are electrolytic cells in
5 that plant?

6 A. They're called down cells. The workers
7 would call them hooker cells.

8 THE WITNESS: That will come more
9 plain, Pat.

10 BY MR. HOBSON:

11 Q. This is for making chlorine, then?

12 A. And caustic, yes. Yeah.

13 So, here we have a worker that has a pump
14 on his back, sampler; and he is washing down the
15 inside of this tank. This is an asbestos slurry
16 tank. Okay? And we're monitoring his exposure
17 there.

18 The worker, without a respirator, is
19 dumping this long-fibered asbestos from South
20 America.

21 Here is another -- here is a pump tube,
22 another worker, his legs. And this, then, was a
23 chrysotile. The other stuff was amosite. Okay?
24 And there was a blend, so much of one and so much of
25 the other, that they would put into this tank.

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1 Okay?

2 Here you're looking into the tank and you
3 see the blend and there's some attempt to mix that.

4 Over here -- if you see this -- the chain
5 and the bar and the chain and you see this here,
6 you've got the cell base. Okay?

7 Here, a wire cage has been placed around
8 each little section. We're building a battery,
9 essentially. Okay? And we're creating -- probably
10 this would be the anode, the negative charge on --
11 on the battery eventually.

12 Q. Now, what does the asbestos have to do
13 with this picture?

14 A. Right. Good question. You see there --
15 here is our asbestos tank here. Okay? It has its
16 slurry in it. And the cell is being lowered by
17 those chains that we looked at -- the chain over
18 here. And it's being lowered into that slurry of
19 material.

20 What the operator does is draw this down
21 through -- from the inside. And it draws the
22 asbestos fibers around this cage until we form
23 something like this. Okay? We have the deposited
24 asbestos material around electrolytic element of the
25 cell, the future down cell.

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1 In addition, these workers -- and I might
2 say that all of these tasks were monitored. My
3 recall is that there was little or no exposure to
4 asbestos. At that point in time, there really was
5 no justification for their -- them to wear a
6 respirator. They had below a respirable exposure.
7 And the reason for it probably is -- is it's so
8 humid.

9 Baton Rouge -- I believe this was done in
10 the wintertime; but even Baton Rouge in the
11 wintertime has -- has its challenges. We attempt to
12 do things in the worst case kind of a situation and
13 found nothing alarming there.

14 Here is one of these -- the -- the cell
15 workers; and he's discharging pitch, coal tar pitch,
16 heated material, into a bucket. And what we have
17 here is, once we've made that base -- you recall the
18 asbestos base that we had -- then another cage goes
19 on the outside of that, probably becomes the
20 positive charge for the cell and the future cell.
21 And then the whole thing is -- the mass is fused
22 together in coal tar pitch. Okay. And with lots of
23 vapor.

24 Again, I took these pictures.

25 Q. And the vapor is coal tar pitch vapor?

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1 A. Yes. And it wasn't a particularly clean
2 blend or -- or whatever. It was least expensive on
3 the market type of -- of material.

4 MR. RICE: Object to the
5 responsiveness.

6 A. And -- and this is -- then starts to make
7 us think of, are there carcinogens there?

8 BY MR. HOBSON:

9 Q. And if we say "are there carcinogens," are
10 you talking about from the pitch?

11 A. From the -- from the pitch or the
12 material, the blend that it happened to be.

13 Q. Yes, sir.

14 A. Okay. Unknown. Really -- really, it
15 was...

16 Q. Was your thought there polynuclear
17 aromatic hydrocarbons?

18 A. Yes. And what we did was to sample
19 exposures to the different steps in the process with
20 high volume samplers, getting worst case exposures
21 than the employees were exposed to.

22 And I identified a woman in Cincinnati by
23 the name of Eula Bingham, Dr. Bingham. She
24 eventually became the head of OSHA and -- for a
25 period. And she looked at this for any known

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1 carcinogens, contact, respiratory, benzopyrene, that

2 type of thing. And this could not be detected in
3 this material.

4 Again, what we're talking about is
5 dose-response. A scary-looking picture with that
6 vapor coming out. One certainly can in this
7 instance smell something. And yet, at least at that
8 time, we had no -- nothing recognized to injure a
9 human being there in this process.

10 Here they're washing down the down cell.
11 Again, here is the sampling pump; and that was
12 characterized -- there was no need for that
13 individual, by exposure -- he -- he wasn't actually
14 receiving an asbestos exposure. No need for --

15 Q. Excuse me. Could you go back to that --
16 that slide, sir?

17 A. Certainly.

18 Q. What we're seeing here is that wire mesh
19 that earlier someone had put an asbestos coating
20 on. It had been used in the process. And now it
21 has to be redone. And so, you're washing off the
22 old asbestos coating?

23 A. Exactly.

24 Q. So, it's done wet?

25 A. Yeah.

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1 Q. It's done in an area that is ventilated,
2 to draw the air --

3 A. Yeah.

4 Q. -- away from the man. You've got
5 engineering controls in place, and you've measured
6 to make sure that your exposures are what you want
7 them to be; is that right?

8 A. That's right.

9 Q. All right, sir.

10 A. This was the group of individuals.
11 They -- they did all of this work. And I put this
12 up there -- and beg your indulgence -- because this
13 is a tribute to them. It's the best work team I've
14 ever encountered in 40 years of industrial hygiene
15 work. They took care of each other.

16 Well, no, I've got a client in Petersburg
17 who -- who's as good. But that took 30 years to get
18 around to that.

19 This is a shot, again, of the maintenance
20 facility at the Baton Rouge plant from a particular
21 angle. Okay? Medical -- plant medical had had
22 complaints of sand getting in on these workers.

23 And if we turn around from there and look
24 over this way, you'll see here's a sandblast
25 operator. Okay? And the sandblast operator is in a

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1 breathing hood and air brought in, pushed in on --
2 on that device; and he's manning this device that is
3 blasting, if you will, contaminate, whatever is on
4 the inside of that -- that pipe, and blasting it

5 out. Okay? And we've been directed there by --
6 essentially by the unions at the facility.

7 To solve this problem -- the complaint, we
8 waited -- we had to wait until we had the wind in
9 the direction from the blaster to the maintenance
10 shop. And we spread along the route, between them,
11 pieces of black paper. The black paper obviously
12 could catch the fallout, the sand. And so, four or
13 five, six different pieces of black paper
14 contained -- and this device is used to measure the
15 silica, capture the silica there. Okay? And it's
16 also -- and then there is also a device to capture
17 the lead that was there; because when they're
18 blasting, they would have lead.

19 So, we could get a relationship between --
20 at the end of a day's work, between the
21 appearance -- we could give the operator something
22 that he could look at and say: Hey, if I put a
23 piece of black paper out there and if it gets to
24 look like this, we don't -- we want to avoid that.
25 Okay?

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1 So, then it established for the operator a
2 boundary for -- a safe boundary, if you will, for
3 people to approach that area. Okay.

4 Q. So, you -- what you're saying, if I'm
5 getting this right -- tell me if I'm not --

6 A. Yeah.

7 Q. -- you were concerned with the possible
8 hazard from the sandblasting operation --

9 A. Yes.

10 Q. -- both from the sand and that came from
11 the -- the abrasive and from the lead that --

12 A. Yeah.

13 Q. -- was in the process equipment?

14 A. Yeah.

15 Q. And what you were trying to do was find an
16 easy way for the operator to know when he could and
17 could not do this work so it would affect other
18 people's health?

19 A. And the people in the maintenance area
20 were alerted to this; and they could protect
21 themselves, too.

22 Q. All right, sir. What's this?

23 A. Okay. We're into the dose-response
24 business. This is the Detroit laboratory. They
25 take an automobile. They put it on a machine called

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1 the dynamometer, I believe. And they would -- they
2 would rev the thing up, and the discharge gases
3 would be analyzed. And that was -- I mentioned
4 Gary Ter Haar, Dr. Ter Haar. And that was one of
5 his functions. Okay? Dr. Ter Haar is now the
6 vice-president, I believe, of Ethyl Corporation.
7 Okay?

8 This is a -- a shot of the Houston
9 facility.

10 Q. Now, what -- what was Ethyl's process in
11 Houston?

12 A. It was a laboratory. And my function
13 there was to advise them on industrial hygiene
14 matters, laboratory, chemical exposures.

15 Q. So, this was an analytical laboratory?

16 A. Yes.

17 Q. All right, sir.

18 A. And -- and a research laboratory,
19 analytical -- perhaps more -- this is where they
20 developed the tetraethyl lead.

21 Q. "This" being Detroit?

22 A. Yes.

23 Q. All right, sir. And now we're looking at
24 the Houston --

25 A. Yeah, this is --

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1 Q. -- slide?

2 A. -- just a shot of the -- of the Houston
3 facility. I went over to the Houston facility or
4 they had me go over to the Houston facility and do
5 about the same thing with asbestos there that I did
6 here -- okay -- or over at the Baton Rouge -- that I
7 had done. And we went through that series of
8 slides.

9 I also went over to the Houston facility
10 to represent Ethyl Corporation when they had an
11 aluminum alkyl explosion over there and --

12 MR. LOKER: I object to this
13 photograph as being irrelevant and
14 inflammatory.

15 MR. RICE: I do, too. I mean I
16 don't think it has anything to do with our
17 inquiry.

18 THE WITNESS: Okay.

19 BY MR. HOBSON:

20 Q. Could you -- could you go past it, please,
21 Mr. Taylor?

22 A. Sure.

23 When we're talking dose-response in
24 front -- and in that area of the world, there's a
25 thing they invented called Mardi Gras. It's --

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1 MR. LOKER: I object to this photo as
2 being irrelevant.

3 THE WITNESS: Okay.

4 A. The suggestion is that if you have too
5 much of a dose of this, you could become this.
6 Okay? Plant medical at Baton Rouge -- this is
7 medical-directed job -- had reported, had talked
8 about injury in maintenance workers. Remember the
9 dose-response? They talked about the response in
10 maintenance workers that they didn't understand.

11 How come I would come up with safe exposures to
12 these materials and yet here were these injured
13 people?

14 So, we went back; and we started
15 evaluating -- here's a pump and the catcher's
16 mitt -- we started evaluating people's exposures to
17 welding fume.

18 Q. First of all --

19 MR. MARTIN: Let me object to the
20 responsiveness.

21 BY MR. HOBSON:

22 Q. -- let me ask you --

23 A. Sure.

24 Q. -- this slide that we're looking at now,
25 what, first of all, is it a picture of?

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1 A. It's a picture of an individual conducting
2 the process of welding -- he's welding on something
3 that we can't see right there -- in the shop area.

4 Q. All right, sir. And this is in an Ethyl
5 facility?

6 A. In the -- at the Baton Rouge facility for
7 Ethyl Corporation.

8 Q. And you took this picture?

9 A. Yes.

10 Q. And about what year would this have been
11 made, sir?

12 A. That picture was taken in -- (reviewing
13 document) -- 1974.

14 Q. All right, sir.

15 A. All right. I want to take -- in addition,
16 another thing that I did at Ethyl Corporation and at
17 that -- in -- in service to Ethyl Corporation --

18 MR. RICE: Herschel --

19 A. -- was to teach people the safe use of
20 vinyl chloride. Vinyl chloride at that time had
21 become a highly suspect carcinogen.

22 MR. MARTIN: Objection,
23 nonresponsive. I'm sorry. I didn't mean to
24 interrupt you, sir.

25 MR. RICE: Same objection. Also I

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1 think not relevant to these cases.

2 Herschel, can we -- we've been going
3 about an hour or so. Can we take a break?

4 MR. HOBSON: Would it suit you to
5 take a break for a few minutes, Mr. Taylor?

6 THE WITNESS: I would like to go one
7 more, if I may. I need a break, too; but I --
8 I would like to go one more.

9 MR. HOBSON: All right, sir.

10 THE WITNESS: And then you may want
11 to stick around, but we'll see.

12 A. So --

13 BY MR. HOBSON:

14 Q. Okay. You -- you told us, I think,
15 that -- that you -- you were involved in preparing a
16 program for Ethyl concerning vinyl chloride work.

17 A. Yeah.

18 Q. And that was --

19 A. I mean --

20 Q. -- part of your work as an industrial
21 hygienist?

22 A. Yeah. And in the documentation of the
23 handout, what I've highlighted in -- in that, in my
24 copy, is there were cancer warning signs put up.
25 We'll see one later. And our advice was, of course,

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1 a respirator should provide acceptable breathing air
2 quality.

3 MR. MARTIN: Objection, nonresponsive
4 and irrelevant.

5 BY MR. HOBSON:

6 Q. What -- what does that have to do with
7 dose and dose-response, Mr. Taylor?

8 A. If one has acceptable breathing --
9 breathing air quality, they would have acceptable
10 dose.

11 Q. And the respirator takes the material out
12 of the air?

13 A. Yes.

14 Q. All right, sir.

15 A. Okay.

16 THE WITNESS: And then let's follow
17 Steve's -- Mr. Rice's suggestion, and let's
18 take a break.

19 MR. HOBSON: Thank you.

20 THE VIDEOGRAPHER: We're off the
21 record at 11:15.

22 (A BRIEF RECESS WAS HAD)

23 MR. RICE: I just want to object
24 to the extent that we are going into matters
25 that are not cov- -- the subject matter of

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1 any of the cases that are involved in this
2 litigation, nor involving the plant sites
3 involved in this litigation.

4 And I think under the Texas Supreme
5 Court recent rulings, that that -- the question
6 of relevancy deals not only with
7 interrogatories but also the deposition
8 process, as well. So, I object to going into
9 any of this that -- that is not pertaining to
10 the chemicals at issue in this -- these suits.

11 THE REPORTER: Are we ready to go on
12 the videotape now?

13 MR. RICE: Yes.

14 THE VIDEOGRAPHER: We're on the
15 record at 11:34.

16 BY MR. HOBSON:

17 Q. Mr. Taylor, if we may begin again, sir, I
18 think we were looking at some of your slides. And
19 you had told us that this was a welding shop, and
20 you were explaining what this had to do with your
21 work at Ethyl in evaluating dose. Would you --

22 A. And my work was directed by -- in this
23 instance, directed by medical. Medical had a
24 specific interest in maintenance workers.

25 Q. What was that interest, sir?

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1 A. There was suspect injury or obvious
2 injury.

3 Q. Okay. And what were you doing here in
4 response to this concern for medical?

5 A. To see if there was an exposure to
6 anything that might cause injury.

7 Q. All right. And that's what you were
8 telling us about, this air mover and the tube; and
9 you pointed out this being on the slide, that this
10 is taking an air sample of the -- what the man was
11 breathing, at least a part of that?

12 A. Yes.

13 Q. All right, sir. What are we looking at
14 here?

15 A. At that juncture I wasn't able to come up
16 with anything, really, that would scratch the itch
17 of medical's concern. However, the -- in thinking

18 back with the sandblast operator -- and we saw that
19 the sandblast operator was receiving breathing
20 air -- I determined that we would set our
21 investigation on the breathing air as part of a
22 survey we'll talk about. So, these are the
23 breathing air inlets -- part of them -- for the
24 facility.

25 Q. Which facility is this?

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1 A. At the Baton Rouge plant. The Baton Rouge
2 plant did not, I learned, have a separate breathing
3 air line. They had a utility air line, a low
4 pressure air line that was fed by a regular piston
5 kind of -- of lubricating pumps.

6 And again, there is a sampler here. We
7 sampled the amount -- what -- we sampled the
8 chemicals that went into this combined pressure --
9 air pressure line. Okay?

10 MR. WALL: Excuse me. Can I -- an
11 objection on the record. The camera is now
12 starting to show the slides, as opposed to the
13 witness. The camera should remain on the
14 witness.

15 MR. HOBSON: Okay. You can object.
16 Thank you.

17 MR. MARTIN: I also object as
18 nonresponsive.

19 A. In following through on an investigation

20 into the breathing air line, this gentleman here,
21 plant employee, is using what's called a Draeger
22 pump. He's probably checking for carbon monoxide
23 coming out of the breathing air outlet. Okay?

24 BY MR. HOBSON:

25 Q. So --

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1 A. This --

2 Q. Excuse me, Mr. Taylor. Can you go back to
3 that? Now, you -- the picture you showed us before
4 was the intakes to the compressors?

5 A. And this, then, would be the -- the
6 outlets from what the compressor had taken in.

7 Q. And this man has a little device that --
8 that chemically will tell you whether or not there
9 is a contaminant in that air?

10 A. It will tell you whether they have carbon
11 monoxide in there. There was failure in their
12 compressor systems to shut down if they overheated.
13 When you overheat a -- a motor or a -- a pump,
14 then the lubricating oils of that device break down
15 and -- they're obviously admitted to that, because
16 they are checking for -- this plant personnel --
17 checking -- I took the picture -- is checking for
18 breakdown products from that lubricating oil.

19 Q. Is that a potential hazard for the workers
20 who would be breathing this air, then?

21 A. Yes, that's probably a carcinogen.
22 Q. All right, sir.
23 A. Or would have carcinogen material in it.
24 MR. RICE: I'm going to object to
25 the responsiveness.

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1 A. Okay. Then, this is the in turn.
2 That's -- this is a line right here. This is the
3 utility air line, with the side cap that could be
4 used for breathing air.
5 I call attention to this black material
6 here. If you've ever had the experience of having
7 heat by oil and you notice that when your furnace
8 starts to fail, you get this black smeech around the
9 outlets of the furnace.
10 That's what this is. That's a history of
11 this line, this utility air line, having this black
12 smeech. That is a forecast for the people who
13 breathe that air. That's what their lungs are going
14 to look like. Okay?
15 BY MR. HOBSON:
16 Q. So --
17 MR. RICE: Object to -- excuse me.
18 I'm going to object to the speculative nature
19 of the -- of the response and also
20 nonresponsive, assumes facts not in evidence,
21 calls for speculation insofar as medical
22 opinions.

23 BY MR. HOBSON:

24 Q. Mr. Taylor, the picture here that we've
25 got, is this an example of how an industrial

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1 hygienist can use their vision to look for potential
2 hazards and when you see something that doesn't look
3 right, then you investigate further and make the
4 necessary analyses?

5 MR. MARTIN: Objection, leading.

6 A. Yeah, absolutely, plus --

7 THE WITNESS: They couldn't hear
8 you. I was talking.

9 MR. MARTIN: She heard me.

10 THE WITNESS: Oh, okay.

11 A. But when you see something like this --
12 this is dose. This is the same thing as -- as a
13 human dose. All right? That's an index. It's an
14 indicator for that. Now --

15 MR. RICE: Object to responsiveness.

16 A. -- the -- when this line was opened, there
17 was the most beautiful purple-spritzing vapor came
18 out.

19 BY MR. HOBSON:

20 Q. Excuse me. Why -- why would someone open
21 that line? What's its purpose?

22 A. To hook breathing air apparatus onto.

23 Q. Like a respirator?

24 A. Yes.

25 Q. All right. And you say when you opened

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1 that line --

2 MR. RICE: Excuse me. I'm going
3 to object to the responsiveness of the last
4 answer.

5 BY MR. HOBSON:

6 Q. When you op- -- did -- did you open the
7 line yourself, Mr. Taylor?

8 A. Yes. Yeah, I did.

9 Q. And -- and what did you see when you
10 opened the breathing air line?

11 A. A -- a purple-sprayed material --

12 Q. And did you -- what did that mean --

13 A. -- came out.

14 Q. -- to you?

15 A. Horrible risk for lung injury --

16 Q. And what did you do?

17 A. -- body injury.

18 Q. What did you do about it?

19 MR. RICE: Excuse me. Object to
20 the responsiveness, speculation, calls for a
21 medical opinion.

22 A. Here is a letter from me to T.R. Robinson,
23 who is the medical director of the facility. And it
24 concerns a Comprehensive Industrial Hygiene Survey
25 Activity Summary, and it's dated 12-11-74. And it

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1 goes through -- you have this here.

2 And the overall activity, Item No. 6, it
3 says: We initiated a field survey to identify and
4 measure the chemicals inspired from the plants'
5 breathing air system.

6 Subtitle: Breathing air system.

7 (Reading) Based upon incomplete data from
8 the hydrocarbon and organic lead level areas, we
9 have found vinyl -- now, vinyl, remember, we have
10 the signs around that say, "Cancer, cancer suspect
11 agent" -- Okay? -- we found vinyl, ethyl chloride,
12 methyl chloride, ethylene dichloride, and
13 1-1 dichloride -- dichloroethane pass completely
14 through the combined utility - breathing air system.

15 BY MR. HOBSON:

16 Q. Okay. Excuse me. Are you saying you
17 found --

18 MR. RICE: Excuse me --

19 BY MR. HOBSON:

20 Q. -- these --

21 MR. RICE: Excuse me. I'm going to
22 object to the responsiveness of the last
23 question.

24 BY MR. HOBSON:

25 Q. Are you saying that you --

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1 MR. RICE: He's reading from a
2 document that's not been identified.

3 BY MR. HOBSON:

4 Q. Are you saying that -- that you found
5 these materials in the air that people who would be
6 using air-supplied respirators would be breathing?

7 A. Yes, sir.

8 Q. And what would be some of the uses of
9 air-supplied respirators in the Ethyl plant?

10 A. The most prolonged use would be the
11 sandblast operator. And you remember, medical's
12 concern about maintenance people and the respiratory
13 injury.

14 Q. Okay.

15 A. They had response information that led to
16 that. We had previously sampled for those people's
17 exposure to silicon, to lead -- you saw that
18 dispersion, the black papers, and so on and so
19 forth -- and have found -- didn't find any problem.

20 Now we're looking at the life support, if
21 you will, for that individual. That individual or
22 that function had the longest usage of the breathing
23 air system. They wore it all day.

24 Q. Were there --

25 A. Other people who wore this were people

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1 over in the tetraethyl lab -- tetraethyl lead
2 facility, methyl -- any -- the lead plant. They'd
3 use it in the vinyl chloride plant. They used it
4 in -- there's an analytical lab there; and at times
5 they used a respirator there, particularly in the
6 pilot plant facilities. They used this breathing
7 air throughout the whole -- whole 600 to 1,000
8 employee plant.

9 MR. MARTIN: Objection --

10 BY MR. HOBSON:

11 Q. So, the --

12 MR. MARTIN: -- nonresponsive.

13 BY MR. HOBSON:

14 Q. The maintenance workers that from time to
15 time would be required to wear air-supplied
16 respirators, they would be getting their air from
17 the same system?

18 MR. MARTIN: Leading.

19 A. Yes, sir.

20 BY MR. HOBSON:

21 Q. And could that include people doing
22 insulation work from time to time?

23 MR. MARTIN: Calls for speculation.

24 A. I don't know.

25 BY MR. HOBSON:

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1 Q. All right, sir. Now, you -- you found
2 this problem --

3 A. I want to --

4 Q. -- with the breathing --

5 A. I want to continue now, please.

6 Q. What did you do when you found this
7 problem?

8 A. Wrote a -- wrote a letter.

9 Q. Okay. Now, the letter you said --

10 A. Talked verbally -- talked verbally, first,
11 with individuals because this was quite disquieting.

12 Q. Now, you say you wrote a letter.
13 That's --

14 A. I reported it.

15 MR. RICE: Object to the
16 responsiveness of the last answer.

17 Is there another copy of that?

18 MR. HOBSON: Somewhere there is.

19 THE WITNESS: Does someone have the
20 other file?

21 MR. HARVARD: It's down there.

22 THE WITNESS: Are you all using it?

23 If you're not --

24 BY MR. HOBSON:

25 Q. Mr. Taylor, when you say you wrote a

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1 letter, are you referring to this document that
2 you've provided us that says at the top "Ethyl

3 Corporation," dated December the 11th, 1974, from
4 you, H.M. Taylor, to T.R. Robinson, M.D.?

5 A. Yeah.

6 Q. And the subject: Comprehensive Industrial
7 Hygiene Survey Activity Summary?

8 A. Yes.

9 Q. So, you wrote this document?

10 A. Yes.

11 Q. And delivered it to Dr. Robinson?

12 A. Yes.

13 Q. All right. And what was your response,
14 sir, when you delivered this?

15 A. My response? You asked for my response?

16 Q. What -- what response did you get, when
17 you delivered this to Dr. Robinson, from Ethyl
18 Corporation?

19 A. I essentially failed the corporation
20 because I didn't get any response. They didn't do
21 anything about this.

22 Q. Okay.

23 MR. RICE: Object to the
24 responsiveness.

25 A. Now --

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1 THE WITNESS: Well, he asked me a
2 question.

3 A. So, anyhow, I want to continue --

4 MR. RICE: Well, let me -- let me
5 just be clear.

6 THE WITNESS: Sure.

7 MR. RICE: I'm objecting to the
8 responsiveness of your answer. Okay?
9 Thank you.

10 THE WITNESS: Sure. I -- I'm with
11 you, Steve.

12 A. We haven't told the whole story yet
13 because the next sentence says: Furthermore --

14 MR. RICE: I object --

15 A. -- the concentration of these --

16 MR. RICE: -- to the side -- sidebar
17 comments.

18 A. We're still into the -- the dose stuff.

19 (Reading) Furthermore, the
20 concentration -- see, that's dose -- of these
21 chemicals is little diminished from the compressor
22 inlet to air line outlet.

23 Okay. It means if these chemicals got
24 into the system, they got into a person's lungs.

25 (Reading) Chemicals such as 1-1-1 --

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1 1-1-2 trichloroethane and chloroform have not passed
2 through the air system. We have found that almost
3 all organic lead is also removed before reaching the
4 breathing area.

5 It says "almost all." We found organic

6 lead did get through the breathing air system.

7 Anyone that would breathe that would get a
8 dose of lead, however small. And remember that the
9 biological half-life of lead can -- is anywhere from
10 3 years to 20 years.

11 (Reading) During our survey, there were
12 signs which suggested the automatic controls --
13 signs as shown on the slides, testing with the
14 Draeger pump -- the automatic controls which shut
15 down overheated air in the compressors are not
16 effective.

17 Okay. So, there's a lot of other sludge
18 that comes from chemical breakdown that was in that
19 breathing air system.

20 (Reading) Excessive heat -- excessive
21 heat decomposes compressor lubricating oils, and
22 these noxious materials are therefore introduced in
23 the breathing air system.

24 The document goes on to say that -- to
25 indicate that Taylor, me, had the -- was the

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1 principal in planning, training, program development
2 for this work.

3 This letter was sent to Wallace Armstrong,
4 who headed the manufacture of the tetraethyl lead
5 area; to J.J. Bergin, who was involved; to
6 D.E. Cooper; R.L. Hudson; B.F. (sic) Pancamo, who

7 worked with us; to Dr. Rinehart; to W.C. Strader; to
8 J.D. Watts; to M.R. Zavon, who was then the medical
9 director; and to Don Park, who now is another
10 vice-president of Ethyl Corporation at this time.

11 MR. RICE: I object to the
12 responsiveness to -- of the non --
13 nonresponsiveness of the answer.

14 BY MR. HOBSON:

15 Q. The -- this memorandum that you wrote,
16 Mr. Taylor, and -- and delivered to these various
17 people, these -- these people on the copy list,
18 they're all Ethyl employees?

19 A. Yes, from -- higher Ethyl -- Ethyl
20 management.

21 Q. All right, sir. Now, this breathing air
22 system that you're talking about, if -- if a
23 contractor were working on the premises and needed
24 breathing air, would the contractor be using the
25 same breathing air system?

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1 A. Yes, sir, to the best of my knowledge.
2 I -- I don't know that really happened, you -- you
3 know, but that's all that was available.

4 Q. All right, sir.

5 MR. RICE: Excuse me. I'm going
6 to object to the responsiveness as speculation.

7 BY MR. HOBSON:

8 Q. And what -- what response from Ethyl

9 Corporation -- or what happened next with regard to
10 this breathing air situation that you documented in
11 your December 11th, '74, memorandum?

12 A. Nothing was ever done about it. That
13 happened -- that occurred in '74. We'll go through
14 some more documents. And I -- I left Ethyl in 1976,
15 disappointed that I hadn't been able to help them to
16 change this. The medical director left a year after
17 I did for the same reason.

18 MR. RICE: That's not true, by
19 the way.

20 THE WITNESS: All right.

21 THE REPORTER: Wait a minute. I
22 didn't hear you.

23 MR. MARTIN: Objection,
24 nonresponsive.

25 MR. RICE: That's just not true.

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1 THE WITNESS: All right.

2 MR. RICE: And he'll tell you that.

3 THE WITNESS: No, he wouldn't.

4 MR. RICE: Yes, he will.

5 THE WITNESS: Well --

6 MR. RICE: Why don't you call him and
7 ask him?

8 THE WITNESS: I did.

9 BY MR. HOBSON:

10 Q. Did you say you called the medical
11 director and asked him this --

12 A. Yes.

13 Q. -- Mr. Taylor?

14 Who did you call?

15 A. Ted Robinson.

16 Q. And what did you tell Dr. Robinson?

17 A. Of my disappointment that this was never
18 remedied. Dr. Robinson portrayed -- presented to me
19 and his comment was, "And they never did anything
20 about it."

21 The report that I -- the big report -- I
22 don't have a copy of it -- okay -- the picture
23 spewing this material out is in that report, this
24 purple material. I was pressured into releasing the
25 report before it was finalized, by somebody who

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1 became an execut- -- vice-president at Ethyl
2 Corporation later on -- is now, I believe.

3 And the report had typos in it and was not
4 as clear as you'd really like in a final document.
5 That was viciously attacked; and Ted's comment to me
6 was, "The pictures were there. They should have
7 understood that."

8 THE WITNESS: And so, contrary to
9 what you say, Steve, to me, Ted was
10 disappointed in his ability to help the
11 organization. Okay?

12 MR. RICE: Well, I'll tell you, two
13 days ago he told me that's just simply not
14 true.

15 THE WITNESS: All right.

16 MR. RICE: Okay?

17 THE WITNESS: All right.

18 MR. MARTIN: Object to
19 nonresponsiveness --

20 MR. RICE: So, I object; and I object
21 to the responsiveness of the answer and --

22 MR. MARTIN: -- further, hearsay.

23 THE WITNESS: I -- I'm reporting what
24 my experience was.

25 BY MR. HOBSON:

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1 Q. You're reporting to us your impression of
2 what you were told?

3 A. Yes. Okay?

4 Q. Yes, sir. Now, you say that as of the
5 time you left Ethyl in 1976, no changes were made in
6 the breathing air system that you know of?

7 MR. MARTIN: Leading.

8 A. That's correct.

9 BY MR. HOBSON:

10 Q. All right, sir. Now, you have another
11 slide?

12 A. Yeah. Let's --

13 Q. What does this slide show?

14 A. This was -- this was at the Ethyl
15 facility, and this is simply a fluid gushing out
16 from a space. And it was meant to -- for me, to
17 remind me of how this appeared, when it spewed out
18 this purple material, okay, and that people were
19 breathing that.

20 MR. RICE: Excuse me. I'm going to
21 object to the responsiveness and to the comment
22 concerning the slide involving the -- something
23 coming out of the tank car.

24 BY MR. HOBSON:

25 Q. What is this --

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1 MR. RICE: It's not relevant.

2 BY MR. HOBSON:

3 Q. What is this slide here, Mr. Taylor?

4 A. This is a -- a slide -- this gentleman
5 assisted me, and he was -- he worked with me at the
6 Baton Rouge facility. His name is David Watts. He
7 worked with me at the Baton Rouge facility to do
8 some of the hands-on work.

9 There I see Mr. Martin with a smile on his
10 face, and he's looking at an old friend.

11 MR. MARTIN: With hair.

12 A. And -- but David is -- is handling this
13 hose. Where -- where you have the breathing air
14 outlets, then human beings would plug in this hose

15 and could go off and do their task and the air would
16 feed the respirator that they were assigned to
17 wear. Okay?

18 BY MR. HOBSON:

19 Q. And Mr. Watts, at this time, was working
20 as an industrial hygienist for Ethyl?

21 A. Yes. And -- and he was assigned almost --
22 well, you -- you have the amount of time he was
23 assigned; but the majority of his time was spent at
24 the Baton Rouge facility. And I would visit him at
25 least on a weekly basis, if not more, from my office

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1 and spend a day at the Baton Rouge facility and
2 review his work, edit his work, direct his work.

3 Q. Was it your impression that Mr. Watts, at
4 this time, even though he was young and fairly
5 recently out of school, was competently trained to
6 do the job that he had?

7 A. Yes; in an exemplary fashion, really.

8 Q. Now, you say Mr. Watts is demonstrating
9 how the breathing air hose would be hooked up?

10 A. Yes.

11 Q. And then this hose would be used to follow
12 the worker around, to provide the air to the
13 respirator the worker would be wearing?

14 A. That he was assigned to wear.

15 Q. All right, sir. And -- and this

16 compressed air system literally went throughout the
17 Baton Rouge plant?

18 A. Yes.

19 Q. All right, sir. Do you -- are there more
20 slides, or have we completed the slides?

21 A. Here is one of the signs at the plant.
22 Remember, we talked about vinyl going through the
23 system?

24 Q. Yes, sir, vinyl chloride?

25 A. And this -- the areas were posted as -- as

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1 a cancer suspect agent. This is the same material
2 that was passing through that breathing air system.

3 Q. And this sign --

4 A. Or part of it, at least.

5 Q. This sign --

6 MR. RICE: Object to the
7 responsiveness.

8 BY MR. HOBSON:

9 Q. This sign relates to vinyl chloride, then?

10 A. Yes, sir.

11 Q. All right. Are there more slides,
12 Mr. Taylor?

13 A. One final one: We're shipwrecked in the
14 shark-infested waters, thousands of miles from land,
15 with no food or water. What should we do?

16 And it's: Try not to think about it.

17 And so, I egged with this problem for two

18 years and opportunity presented itself and I left
19 Ethyl Corporation.

20 Q. Now, tell me, sir, what --

21 MR. RICE: Now, excuse me --

22 BY MR. HOBSON:

23 Q. -- what does this --

24 MR. RICE: I'm going to object
25 to the responsive nature. There's no

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1 question -- there's no question. This is
2 totally irrelevant, inflammatory; and I
3 object to it.

4 BY MR. HOBSON:

5 Q. Mr. Taylor, tell us why --

6 A. Yes.

7 Q. -- you have this slide here and what it
8 has to do with your situation at Ethyl.

9 A. To remind me that --

10 MR. LOKER: I think the record
11 should reflect that the applause did not
12 emanate from this room.

13 THE WITNESS: Oh, I don't need
14 that. I don't think that needed to be said.

15 A. It was to remind me of the deep-seated
16 frustration I have in being paid by somebody who
17 wouldn't accept my advice -- wouldn't or couldn't.
18 I don't -- I don't know -- but didn't accept my

19 advice, to the best of my knowledge.

20 And I go on. You have documents in here.

21 I go on in '75. I was asked to go to the -- a
22 similar plant in Greece, where they manufactured
23 tetraethyl lead, became intimately involved and
24 aware of that situation and tried to turn it around
25 because the employees there were leaded. A number

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1 of them had high blood leads, elevated blood leads.
2 And the Greek plant was a -- a model for the -- a
3 copy of the Baton Rouge facility and modeled the
4 Baton Rouge facility quite well.

5 The problem reported, that you have there,
6 at the Ethyl Hellas in Thessaloniki, Salonika,
7 Northern Greece, in my opinion, was the inability
8 within the organization of manpower to recognize,
9 evaluate, and control a hazard potential in a
10 systematic and integrated manner.

11 And essentially I am saying it's a
12 management problem. Okay? And that's what I was
13 bucking, this -- when I did this in '75, that's
14 what I was bucking with that situation about the
15 breathing air in 1974. Okay?

16 MR. MARTIN: Objection,
17 nonresponsive.

18 MR. RICE: I'm going to object
19 to the soliloquy, nonresponsive nature of
20 whatever it was.

21 BY MR. HOBSON:

22 Q. Mr. Taylor, let me ask you then --

23 A. Yes.

24 Q. -- you visited this plant in -- in Greece,
25 was it?

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1 A. Yes.

2 Q. And did you encounter problems with the
3 management of Ethyl Corporation in Greece?

4 MR. RICE: I object to this as
5 totally irrelevant to anything in this
6 suit.

7 A. I discovered, yes, managerial problems.

8 BY MR. HOBSON:

9 Q. Did -- did you -- well, just tell us,
10 sir: What was, then, your overall impression by
11 this '75, '76 time period of Ethyl Corporation's
12 manag- -- management when it came to dealing with
13 industrial hygiene problems? What was your
14 impression, sir, of how they treated your concerns?

15 MR. RICE: I'll object, two
16 questions in one. We don't know which one
17 he's -- which one he's answering. And it
18 calls for speculation.

19 BY MR. HOBSON:

20 Q. What was your response -- well, let me get
21 it this way: In 1975, 1976, after you had done your

22 breathing air survey and when you had gone to Greece
23 and done your plant survey there, give us your
24 impression of what you felt Ethyl's management's
25 attitude towards your work was.

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1 A. Their in- -- unresponsiveness portrayed an
2 attention to the bottom line, rather than worker
3 health. That's my response. You asked.

4 MR. RICE: Object to --

5 BY MR. HOBSON:

6 Q. What did you do?

7 MR. RICE: -- the responsive
8 nature --

9 A. Beg your pardon?

10 MR. RICE: -- calls for speculation.

11 BY MR. HOBSON:

12 Q. What did you do?

13 A. I tried not to think about it for a
14 while. Okay.

15 MR. RICE: Excuse me. I'm going to
16 object to the reference to the slide.

17 BY MR. HOBSON:

18 Q. Okay. What did you do next, after you
19 tried not to think about it for a while?

20 A. A headhunter came looking for me from
21 Stanford Research Institute, and they needed
22 somebody that was trusted by the petrochemical
23 business. And I said: Yes, I'll go to work for

24 SRI.

25 Q. So, you quit the company?

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1 A. Yeah.

2 Document here showing the incorporation of
3 the company, my company, in January of '76.
4 Stanford Research Institute accepted that I was --
5 had my own company; and they hired me, with my
6 company. A document that --

7 MR. RICE: Excuse me. I'll object
8 to responsiveness. This is not responsive to
9 any question.

10 A. Okay. I -- I -- I said that I -- I would
11 like to pursue this to my resignation. These are
12 things that happened in my tenure while I was still
13 with this organization, with Ethyl Corporation. And
14 some of these documents are in here (indicating).

15 BY MR. HOBSON:

16 Q. All right, sir.

17 A. Okay. So that this is an application for
18 an engineer's license in California. Ethyl had
19 several facilities in California, plants in
20 California. And it would enhance Ethyl's situation
21 if I were to be a professional engineer in that
22 state.

23 So, what you have there is -- is the
24 document that made me a professional engineer in

25 California in safety.

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1 1976, again, just trailing off all -- from
2 his last question, really, okay, this is a summary
3 of the -- of my work, dated March the 15th, '76.
4 No. 1 there, I was to advise J.D. Watts concerning
5 the daily conduct of the Comprehensive Industrial
6 Hygiene Survey.

7 On the -- Item No. 9, I had involvement
8 with the silica surveillance for a kyanite pilot
9 plant that was scheduled for later this spring. We
10 get into silica, use of respiratory devices over in
11 the research and development area, breathing
12 devices.

13 No. 11, assisted J.D. Watts, whose picture
14 you saw; T.R. Robinson, the medical director, to
15 complete an article about the Comprehensive
16 Industrial Hygiene Survey at the Baton Rouge plant,
17 to be presented at the same -- at the conference
18 where I was already slated to present a -- a paper.
19 And the -- I resigned from Ethyl Corporation May the
20 3rd, 1976.

21 And at that point, I'd like to eat lunch.

22 Q. Be -- before we stop here --

23 MR. RICE: Well, before we do
24 anything, I'd like to object to, again, the
25 dialogue with the soliloquy; and it's not

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1 responsive to any question.

2 BY MR. HOBSON:

3 Q. Mr. Taylor --

4 A. Yeah.

5 Q. -- the one document that you described,
6 the May -- I'm sorry -- the March 15th, 1976,
7 memorandum written by you, addressed to To Whom It
8 May Concern --

9 A. Yes.

10 Q. -- and the subject is H. Taylor's
11 Activities through April 15, 1976 --

12 A. Yes.

13 Q. -- what was the purpose of you having to
14 write this memorandum, sir?

15 A. To focus where my life was. These are
16 things that I had been told, had been hired, had
17 involved, that I should do. And I summarized those
18 things. At this juncture I had had an offer from
19 Stanford Research Institute to go to work for them.
20 And I focused my life.

21 Q. And when you say you focused your life,
22 you mean your life at Ethyl?

23 A. Yes. My professional life, if you will,
24 at that time.

25 Q. Did -- did you get to make this

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1 presentation at the 1976 National American
2 Industrial Hygiene Conference?

3 A. Yes, I did, under -- under Ethyl's flag.

4 Q. Now, you wrote a letter of resignation.
5 And that letter really says, "Ethyl Corporation,
6 Interoffice." So, I guess it's, in essence, a -- a
7 memorandum.

8 A. Uh-huh.

9 Q. May 3rd, 1976, from you to Gary
10 Ter Haar --

11 A. Yes.

12 Q. -- the subject, "Personal employment
13 resignation."

14 A. Yes.

15 Q. And you wrote this document?

16 A. Yes.

17 Q. Tell us, again, sir, why it was you felt
18 you had to resign from Ethyl.

19 MR. RICE: Object, already asked
20 and answered.

21 A. The organization, knowing my expertise and
22 singular commitment to other people's health, for
23 one reason or another, did not respond to me nor did
24 they correct the disquieting that I had from finding
25 the dose information in the breathing air that we

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1 spoke about.

2 BY MR. HOBSON:

3 Q. Now, were you reporting to --

4 MR. RICE: Excuse me.

5 BY MR. HOBSON:

6 Q. -- Dr. --

7 MR. RICE: I object to the

8 responsiveness of the answer.

9 BY MR. HOBSON:

10 Q. Did you report to Dr. Ter Haar at the time
11 of your resignation?

12 A. Yes.

13 Q. Did you feel, as you viewed the situation,
14 that Dr. Ter Haar had been supportive of your
15 actions to get the breathing air situation changed?

16 A. I don't think it was a fair thing for
17 Dr. Ter Haar. I think he was new in his -- his job
18 there.

19 Zavon had left. I believe Zavon --
20 Dr. Zavon was terminated for a cause unknown to me.
21 And there was an interim time there where we did not
22 have a medical director.

23 Dr. Rinehart was doing as much as he could
24 in an already horribly full schedule. And when the
25 new medical director turned out to be a nonmedical

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1 director -- a nonmedical man, then I could see the

2 concept of dose-response leaving the organization.

3 MR. RICE: Excuse me. Object to
4 the responsiveness -- or nonresponsiveness of
5 the answer.

6 BY MR. HOBSON:

7 Q. Did you --

8 MR. RICE: Excuse me. I also
9 object. Could we take this off, please.

10 There's no reason to have --

11 THE WITNESS: Sure.

12 MR. RICE: -- that up there.

13 THE WITNESS: Shut it off, will you?

14 MR. RICE: I object to it --

15 THE WITNESS: Oh, Pat --

16 MR. RICE: -- being on.

17 THE WITNESS: -- swing the whole
18 thing around before -- I'll get it.

19 BY MR. HOBSON:

20 Q. If you would, I -- I want to ask about
21 some of these earlier -- excuse me -- earlier slides
22 later. So, if we can, leave it set up.

23 A. Oh, sure. Okay.

24 Q. There was a time, though, that after you
25 wrote your 1974 memorandum, that Dr. Zavon was the

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1 medical director?

2 A. Yes. I remember Dr. Zavon coming in when
3 we presented formal -- this wasn't the only thing

4 written on the breathing air. Okay? It's the only
5 thing I have left. But it wasn't the only thing
6 written on the breathing air.

7 And Dr. Zavon worked very hard to try to
8 do his job. He came on board when -- there had been
9 a horrible accident at the Baton Rouge facility. An
10 employee was poisoned with lead, and he died seven
11 days later in a hospital.

12 And I can remember hearing a word, "shit,"
13 come from Dr. Zavon's office. It was reported to
14 him, and he came out very dejected and told us --
15 came into my office and told me that this man has
16 died. Here is a man; he's dedicated to that not
17 happening. So, he was in a crush of -- of that
18 circumstance.

19 At the same time we had written this
20 breathing air business. At a later date he came in
21 and asked me who had gotten the concept for this
22 breathing air, the comprehensive Baton Rouge survey,
23 Comprehensive Industrial Hygiene Survey.

24 And I did. And we had a conversation
25 about that.

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1 Q. Did you feel that --

2 MR. RICE: Excuse me. Object to
3 the responsiveness of the last answer.

4 BY MR. HOBSON:

5 Q. Did you feel that -- that Dr. Zavon and
6 Dr. Rinehart were supportive of your efforts to
7 change the breathing air system as a result of this
8 comprehensive survey?

9 A. Supportive in a way that they did not tell
10 me not to do it. They allowed it to go forward.
11 Without funding, without their permission, it
12 couldn't -- I couldn't go forward. If they got up
13 and got on a platform somewhere, I don't know.

14 MR. RICE: Objection to the
15 responsiveness of the answer.

16 MR. HOBSON: Let's -- let's take
17 a lunch break. Could we go off the record?

18 THE WITNESS: Great.

19 THE VIDEOGRAPHER: We're off the
20 record at 12:13.

21 (A RECESS WAS HAD FOR LUNCH)

22 THE VIDEOGRAPHER: We're on the
23 record.

24 BY MR. HOBSON:

25 Q. Mr. Taylor, if we may begin after lunch

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1 again, sir, in going through some of the documents
2 you brought today, I think we're up to -- at least
3 in the tabbed booklet -- No. 13. Can you tell me
4 what Item No. 13 is, sir?

5 A. It's a presentation that I made for COESH,
6 which is an organization in Stanford Research

7 Institute. What's important there is the date,
8 December 7, '76, that then I had left Ethyl
9 Corporation and was working for Stanford Research
10 Institute.

11 Q. All right, sir.

12 A. And doing teaching and doing dose res- --
13 dose information and response information for
14 Stanford Research Institute.

15 Q. Now, this example that you've got here of
16 the December 7, 1976, item, this is an example of
17 the course you were teaching?

18 A. Yes.

19 Q. Outlined?

20 A. Yeah.

21 Q. I see here that you've got under
22 "Preparation," "Learn the process." By that do you
23 mean that before you can do anything as an
24 industrial hygienist, you must know the materials in
25 the workplace before you can begin?

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1 A. To be effective, that's been my
2 experience, yes.

3 Q. And how long, sir, did you stay with
4 Stanford Research Institute?

5 A. Okay. I was with SRI from '76 -- I'm
6 searching my papers here -- '77 and '79 -- I'm
7 sorry, that's -- '76 to '77, I believe.

8 Q. And now, Stanford Research Institute, or
9 SRI, that's a -- an organization out on the West
10 Coast, in -- in California?

11 A. In Menlo Park, California.

12 Q. And --

13 THE REPORTER: The name of the town?

14 THE WITNESS: Menlo Park.

15 MR. HOBSON: Menlo Park.

16 BY MR. HOBSON:

17 Q. Now, what kind of work were you doing,
18 title-wise, at SRI? What was your job title?

19 A. I was a project leader and headed up teams
20 of individuals. For instance, I had seven graduate
21 students from Stanford University work with me, who
22 were learning about instrumentation and industrial
23 hygiene. These were graduate industrial hygienists
24 with master's degrees from a pretty good school.

25 And so, I provide training for them and

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1 then would respond to the needs of the SRI clients
2 to investigate chemicals across the United States.
3 They would have contracts, for instance, with OSHA
4 or NIOSH, with the Federal Government, to
5 investigate chemicals.

6 One of the projects where I was a project
7 leader, they used matrix -- matrix organization
8 study, at the same time I wrote ventilation things
9 as a member of the committee, for getting rid of

10 uranium in the United States. So, you worked both
11 for people and you have people work for you type of
12 thing.

13 And -- and the -- as a project leader,
14 then, I investigated chemicals, in particular
15 chemical benzyl chloride, was the stem chemical for
16 Monsanto and for -- deeply involved in the Stauffer
17 organization, as I understand it.

18 Q. This work that you did at SRI for
19 benzyl chloride, did you say?

20 A. Yeah.

21 Q. Can you give me just a quick overview as
22 to what the scope of that project was and -- and if
23 it concluded, what kind of results you -- you had?

24 A. I would -- my purpose was to go out and
25 track what people's exposures had been or might have

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1 been 20 years before and then to determine a
2 preliminary investigation of is there anything that
3 indicates there was disease in the population -- if
4 you will, the rudiments of epidemiology.

5 As such, I got into a Stauffer facility in
6 New Jersey and found a population who had been at
7 risk for 20-some years. And boys, they had
8 reasonable health. They had -- they had good
9 health. And reported that to my employer,
10 transmitted to the Federal Government. And it was

11 learned that the Federal Government was not
12 interested in anything other than negative
13 information.

14 It was an unnerving experience for me, and
15 I then sought other employment.

16 Q. And where did you go after SRI?

17 A. The Allied Chemical had -- had the
18 experience with Kepone and contacted me and asked me
19 to go -- I became employed eventually with Allied.

20 Q. Who --

21 A. As the --

22 MS. COLLINS: I object as --

23 A. As the head of --

24 MS. COLLINS: -- unresponsive.

25 A. As the head of industrial hygiene for the

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1 fibers division -- not corporate, but for fibers
2 division. It's a group of seven plants, I believe,
3 at the time, along the East Coast area.

4 BY MR. HOBSON:

5 Q. Because of the objection, let me ask
6 you --

7 A. I didn't hear the objection.

8 Q. Well, it's hard to hear because of the
9 noise next door and the air-conditioner and -- and
10 everything else. But she said that you were not
11 responsive to my question -- I think was her
12 objection.

13 A. Okay.

14 Q. What was your job title when you first
15 became employed with Allied?

16 A. Industrial hygienist, I believe, or
17 division industrial hygienist.

18 Q. And which division was this, sir?

19 A. Fibers division.

20 Q. And what made up the -- the fibers
21 division of Allied when you were the division
22 industrial hygienist, as best you recall?

23 A. There was a chemical manufacturing
24 facility in Hopewell, Virginia. Their chief product
25 was caprolactam, which was their core chemical to

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1 make nylon. Oh, they had a -- an exotic plant
2 there -- I don't recall what they manufacture. It
3 was a high-risk facility. They manufactured
4 fertilizer there, had a -- a huge fertilizer
5 building; and they made chemicals, perhaps, that
6 contributed to manufacture of caprolactam.

7 In the chemical plant, one tries to use
8 all of the bits and pieces; and that's how it is one
9 gets a -- a core chemical. And then you build
10 different things from that.

11 Q. The --

12 MS. COLLINS: Let me just impose
13 an objection as to the speculative nature of

14 parts of his testimony.

15 BY MR. HOBSON:

16 Q. When I hear Hopewell, Virginia, and
17 Allied, I think of Kepone. Did you have anything to
18 do with Kepone?

19 A. As a --

20 MS. COLLINS: I object to the
21 question as irrelevant.

22 A. As a follow-up, it was incidental to my
23 investigation that we'll -- we'll talk about in --
24 in a bit. Kepone got in the way of -- of me doing
25 my job because it -- it -- it naturally frightened

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1 the people at the Hopewell facility and put everyone
2 on their guard, so to speak.

3 BY MR. HOBSON:

4 Q. You mentioned a --

5 MS. COLLINS: I'm going to object --

6 A. But I -- I went --

7 MS. COLLINS: -- to the answer --
8 this answer as it's nonresponsive and move
9 to strike, to the extent it calls for
10 speculation.

11 BY MR. HOBSON:

12 Q. You mentioned a project, Mr. Taylor,
13 that -- that you were involved in with Allied. Can
14 you tell us what project this was, sir?

15 A. Project with Allied?

16 Q. You said you were going to talk about a
17 project with -- in a moment. And I was trying to
18 find out what that project was.

19 A. Let's -- all right. In response to that,
20 I appeared under Allied's banner in April 11th,
21 '78 -- I'm leading up to the -- the project -- as
22 the -- here -- division industrial hygienist, fibers
23 division, Allied Chemical -- okay -- at the American
24 Health Conference. I believe it was in Atlanta that
25 year.

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1 In -- December 12th and 13th, '78, I
2 developed a workshop, pooled people together, for
3 the first time, from across the wide spectrum of
4 safety and health professionals from the fibers
5 division. We had people at the Hopewell plant who
6 didn't know the people from an Allied plant in the
7 same division 3 miles or 5 miles away.

8 The people trying to protect the employees
9 at Allied, some of them had information that would
10 be valuable to other -- other people, at other
11 locations. And our endeavor then was to bring these
12 people together and start to develop a -- a team --
13 this is following the Kepone; everyone is pretty
14 well crushed -- and try to get some team spirit
15 going again, get them to make new friends and share
16 information, constructive information, for their

17 employees. Okay.

18 Q. How did you go about doing this,
19 Mr. Taylor?

20 A. In that -- in the course of that, we
21 issued, early on in the training, a form that
22 asked: How do you rate your locations' occupational
23 and health program and so on and so forth?

24 And it also included a No. 4: At your
25 location what are your location objectives for

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1 occupational health during 1979?

2 In that, then, I had a report back that
3 they wanted to reduce oil mist. I knew about that.
4 They wanted to reduce Dowtherm va- -- vapor. I knew
5 about that. But there was one that said they wanted
6 to reduce lactam va- -- vapor.

7 And I -- lactam was the way the hands-on
8 people -- or the people who are working with the
9 chemical called caprolactam -- manufactured over at
10 the Hopewell facility.

11 So, I received an invitation from the
12 Hopewell facility. And remember, I had this
13 philosophy that you really have to know the process
14 first. So, I went over there for maybe a month.
15 And they took me by the hand and led me through
16 their process.

17 And I worked fairly closely with -- with
18 somebody who was rewriting. After the Kepone, they

19 had an organizational restructuring; and this
20 facility was taken from one division and put over in
21 the fibers division.

22 And so, they had fibers division personnel
23 rewriting all of the instructions, operating process
24 instructions. And the chap -- I don't recall his
25 name; but he was very, very knowledgeable. And he

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1 worked with people in the different divisions of
2 manufacture to describe what their process was. So,
3 I did learn their process quite well.

4 In the back of my mind, I had this concern
5 by some safety or health professional of -- to
6 reduce the lactam vapor.

7 Q. Let me -- let me ask you: The form that
8 you say -- that you're referring to here that asks:
9 What are your location objectives for occupational
10 health during --

11 A. Uh-huh.

12 Q. -- '79, who was responding with -- to this
13 form?

14 A. People from the many sites in the fibers
15 division.

16 Q. Would these be manufacturing employees
17 or --

18 A. It would be whoever was assigned by the
19 plant manager to attend this meeting. Everyone, I

20 think, had to send something -- someone to the
21 meeting.

22 Q. And the topic of the meeting was...

23 A. Occupational health meeting. Okay.

24 MS. COLLINS: Mr. Hobson, if I
25 may, the witness is referring and using

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1 various materials. And I just would like
2 to get it on the record that copies of those
3 materials will be made so that Counsel can
4 have copies of all the documents that he's
5 brought with him here today.

6 MR. HOBSON: Yeah. That's my
7 intent, except for the textbooks, which I
8 think are available on the public record.
9 At some point we'll read in which texts and
10 what editions they are. And then if Mr. Taylor
11 will be so kind as to have these documents
12 reproduced. And if they're color documents,
13 have them color -- color laser copies at the
14 court reporter's expense, so they can be
15 attached. And we'll make them all available,
16 assuming we can get through the logistics,
17 and he keeps his documents in the original
18 form.

19 MS. COLLINS: Okay.

20 A. Okay. I --

21 MR. JONES: Could I suggest we

22 Xerox the title page of the texts?

23 MR. HOBSON: Yes, that's fine. Be
24 a good idea.

25 Can you do that for us, Mr. Taylor,

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1 the -- or maybe we can do it before we get
2 away, but make sure we get a copy of the
3 title page of each of the texts that shows
4 their name and -- and the edition?

5 THE WITNESS: Okay.

6 A. I issued at the end of the two days a
7 Certificate of Charter Attendance. And it's
8 entitled: Fibers Division First Occupational Health
9 Meeting.

10 Okay. And I think that covers the -- the
11 title that you were searching for.

12 BY MR. HOBSON:

13 Q. Now, what --

14 A. Okay.

15 Q. What was the -- the reason that this first
16 occupational health conference was set up, as far as
17 you appreciated it?

18 A. Do you remember when we talked about Ethyl
19 Corporation, I was hired to Ethyl Corporation
20 because the dose-response relationship was upside
21 down? They had a tremendous amount of response
22 information, little or no dose information. In

23 Allied's they had neither dose information nor
24 response information. Okay.

25 The physicians -- I had worked with some

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1 of the best in the world, of course, with Ethyl; and
2 the physicians were people, family doctors, from the
3 community who just weren't into trends in disease or
4 anything other than to -- more first aid.

5 Q. Are you talking about the doctors that
6 Allied had hired to service its plants --

7 A. Yes.

8 Q. -- in your division?

9 A. Yeah. And so --

10 MR. RICE: Excuse me.

11 THE WITNESS: Surely.

12 MR. RICE: I'll object to the last
13 response as nonresponsive.

14 A. And so, here, I was a dose fellow who had
15 just not too long ago come from a situation where we
16 had tremendous response information and direction
17 from medical to a situation where the medical that
18 talked to me was as blind as I was.

19 And response information or -- or dose
20 information, without response information, was a
21 waste of my employer's wealth, so that then I had a
22 complaint of -- a concern to reduce lactam vapor.

23 I asked the Hopewell site for a copy of --
24 and they gave me the death certificates for 400 --

25 approximately 400 people who had died at that

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1 Hopewell facility since its inception, that Allied
2 would know about.

3 And I took those certificates -- took them
4 home, really, because it's a tremendous chore to do
5 by hand. And I listed all of the people who had
6 died, the cause of death, and what department they
7 worked in, what was their job title --

8 BY MR. HOBSON:

9 Q. Was this --

10 A. -- from the death certificate.

11 Q. Was this before the first occupational
12 health workshop or after?

13 A. After.

14 Q. Okay. So, I'd like to go back. Now, you
15 get to Allied; and you feel that the response and
16 the dose information is not there the way you wanted
17 it; right?

18 MS. COLLINS: I'm going to object
19 to the question as leading and also object to
20 his response and move to strike, that it's
21 nonresponsive.

22 BY MR. HOBSON:

23 Q. Am I right, sir?

24 A. Yes.

25 Q. Okay. And --

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1 A. That's what I was trying to say.

2 Q. Yes.

3 A. Go ahead.

4 Q. And you sent out this questionnaire to
5 learn something about the fibers division's
6 facilities and -- and their concerns that their
7 people had; correct?

8 A. That's right.

9 Q. And then, in response to this form, you
10 decided that there needed to be a workshop on
11 occupational health?

12 A. Well, collectively --

13 MS. COLLINS: Object to the form --

14 A. -- the -- the group did.

15 MS. COLLINS: -- as leading.

16 A. I didn't have the authority to decide that
17 or make -- make that happen. All right? I had a
18 functional -- I had no administrative responsibility
19 at all.

20 BY MR. HOBSON:

21 Q. Did you recommend such a conference?

22 A. Yes.

23 Q. And did --

24 A. And encouraged for it and, in fact,
25 brought it off.

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1 Q. Now, you had the -- the workshop meeting.
2 And what was the purpose of the workshop meeting?

3 A. To introduce these individuals to
4 industrial hygiene practices, to encourage that -- I
5 had had the experience at Ethyl Corporation where
6 one person cannot monitor the world.

7 So, by that time, we had gotten to the --
8 I had grown to the point where I needed to have a
9 representative in each of the facilities that could
10 reliably monitor whatever their problems were in
11 that, ranging from a chemical facility to a plastics
12 organization to different -- different plants.

13 Q. So, your purpose --

14 A. And so, the purpose was to develop -- help
15 to start. This is a -- the kindergarten, the first
16 grade of developing that strength within --

17 Q. Basically --

18 A. -- the fibers division.

19 Q. Basically you were networking the people
20 at the plants to get your program off the ground?

21 A. Yeah. Yeah.

22 Q. Now, once you held the workshop -- well,
23 first of all, the -- the book that you have there in
24 front of you, is that the -- the contents of what
25 you presented at the workshop, as well as

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1 photographs of people who attended?

2 A. That's correct.

3 Q. And would the -- the contents of this book
4 cover the subjects that you presented at this first
5 workshop on occupational health?

6 A. Yes. And it was distributed to each of
7 the sites and to my supervisor's supervision. And
8 here is the -- the fellow who was the -- the boss of
9 the Hopewell plant. He received a copy of it.

10 Q. Now, did they --

11 A. As -- as well as other plant managers.

12 Q. So, did -- did these people on the
13 distribution list get a copy of -- of all the
14 material that you presented?

15 A. They got a copy of the whole thing.

16 Q. Just like it sits there in front of you?

17 A. Yeah.

18 Q. Okay. Now, after the workshop and you had
19 this interest in reducing lactam vapor, what did you
20 do?

21 A. Approached the Hopewell facility, the
22 chemical manufacturing facility; and they allowed me
23 or conducted me through, helped me through, to
24 understand the process, their various manufacturing
25 areas there. And as I say, this was a -- a daily

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1 exercise for weeks, perhaps even a month.

2 Q. So, this was your attempt to recognize
3 what --

4 A. I --

5 Q. -- was in the workplace?

6 A. I wanted to see where this lactam vapor
7 was that this individual had a concern about.

8 Q. Did you get to find that area?

9 A. No. My -- I -- I thought I did. But the
10 method that they sampled the lactam by probably was
11 defective. I had -- I had come from Ethyl
12 Corporation, where we had learned how to sample both
13 particulate material and vaporous material in the
14 same sampling system, so that the analytical results
15 that Allied was reporting probably were only partial
16 results. They missed the vapor entirely. Vapor
17 will go through the filter, perhaps. Okay?

18 I worked with the 3M people and came up
19 with another sampling device. Never got off the
20 ground. And then I -- I was terminated from
21 Ethyl -- or from Allied before I could get that
22 underway.

23 Q. Was there a reason for --

24 A. Basically that's -- that's one -- one
25 thing.

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1 The other thing was, see, I was cut off
2 from dose information that was -- would be

3 reliable. To a scientist, the way they were doing
4 it wasn't reliable --

5 Q. So, let me stop --

6 A. -- and I didn't have any response
7 information. That motivated me, then, to say: Hey,
8 I need to go to the next level and inquire for the
9 death certificates.

10 Go ahead now. I'm sorry.

11 MS. COLLINS: Object, move to strike
12 as not -- not responsive to the question.

13 BY MR. HOBSON:

14 Q. You were trying to find out what the
15 exposures in the workplace to lactam are; right?

16 A. And if they're of any consequence.

17 Q. Yes, sir.

18 A. To -- to the -- the best of our knowledge
19 at the time, these exposures were not of
20 consequence.

21 Q. And the analytical method that you were
22 using to try to find out how much lactam was in the
23 air you didn't think was adequate?

24 A. That's right.

25 Q. Okay. And that's -- you had to have a

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1 reliable air sampling method in order to determine
2 the dose for the dose-response relationship?

3 A. Correct.

4 MS. COLLINS: Objection, leading.

5 BY MR. HOBSON:

6 Q. Now --

7 THE WITNESS: That's what I said,
8 though.

9 BY MR. HOBSON:

10 Q. Now, you -- you worked on the dose side;
11 and now you decide it's time to work on the response
12 side; correct?

13 A. That's right.

14 Q. What did you do?

15 A. I approached the -- the head of personnel
16 at the plant -- and I -- I don't know his name
17 anymore -- with my quandary. This is it. And asked
18 him if I might have -- I -- I think perhaps rather
19 than the originals -- I don't think he gave me the
20 original death certificates. I believe he gave me
21 copies of them.

22 Q. What did you do with them?

23 A. This was a horrendous task. I already had
24 a job and a half.

25 I took those home and listed by hand, as

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1 did my first wife and two daughters, who were still
2 at home, and listed out the names of all of these
3 people who had died, these 400 people, their job
4 titles, and cause of death as --

5 Q. Why would you --

6 A. -- listed on the certificate.

7 Q. -- do that? Why would you do that?

8 A. We're looking to see if there is a disease
9 that is unsuspected and -- that's why.

10 Q. Did you report back your findings to
11 anyone there at Allied?

12 A. Yes.

13 Q. What did you do?

14 A. I don't remember exactly the reporting
15 procedure. Okay? But the findings that were
16 alarming to me, that there is a job description
17 called a process engineer. And 8 out of 11 of the
18 deaths in that group were from pancreatic cancer.

19 Pancreatic cancer is a rather rare cancer,
20 and the proportion that had pancreatic cancer was
21 rather high for such a rare occurrence, would be
22 occurrence across the country.

23 And so, I investigated what did these
24 people do? They're -- they worked over in the
25 lactam facility, and their responsibility was to

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1 keep that plant going, hell or high water. So, if
2 that plant broke down in the middle of the night,
3 they were aroused from their beds and they went over
4 and stuck their finger in -- in the hole or whatever
5 it took. Their job was -- without any challenge,
6 was to keep that plant going.

7 Q. Was this a red flag to you that this

8 needed to be investigated further?

9 A. Yes.

10 MS. COLLINS: Objection, leading; and
11 I'm going to move to strike his testimony
12 previously as speculative in the areas in which
13 he's not qualified to testify.

14 BY MR. HOBSON:

15 Q. What did you do next, Mr. Taylor, when --
16 when this came to your attention and you saw this
17 information?

18 A. I reported it to my immediate boss, to his
19 boss. I reported -- I can remember making a
20 presentation of this to the manager of that,
21 Frank -- at the Hopewell facility.

22 Q. What response did you get to your
23 presentation?

24 A. There I got a response, and it was -- it
25 was, at least from those people that I was working

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1 with, of disbelief. Here was somebody hired in, the
2 first industrial hygienist. They really didn't know
3 what that was. And then all of a sudden, I come up
4 with the main chemical for the plant caused
5 pancreatic cancer; and it was alarming to them.

6 I was informed that they sent the
7 information that I had gathered to a physician in
8 Tennessee, who has worked independently. And in a

9 while he came back with the results; and he says:

10 Hey, that -- there is a problem.

11 Q. Do you know who that person was?

12 A. No -- Theodore -- Ted Robinson would know
13 him because Ted Robinson knew of him.

14 And I reported it to Dave Frazier, who
15 I -- helped me get my master's degree in industrial
16 hygiene at -- and before I left -- see -- see, what
17 they wouldn't do is warn their employees that this
18 was a hazard while I was around. They -- they
19 didn't tell their employees that caprolactam could
20 do this.

21 And so, then, what do you do when you're
22 committed to protect the people? So, I went over
23 and talked to the president of the union for Allied
24 and said: Hey, this is a fact.

25 And I'm sure he was in the position that

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1 he didn't know who -- who is this guy and this is my
2 job and there's lots of really -- a threat to a lot
3 of people.

4 MS. COLLINS: Objection to the extent
5 it's nonresponsive and it calls for speculative
6 testimony.

7 BY MR. HOBSON:

8 Q. Well, let's see, Mr. Taylor. Do you know
9 that you told the people at Allied of your concerns
10 of this causative connection between the lactam and

11 pancreatic cancer?

12 A. Absolutely.

13 Q. And -- and do you know that you made
14 efforts to try to get Allied -- Allied's management
15 to tell the workers dealing with this material about
16 your concerns for pancreatic cancer?

17 A. Yes. Yes.

18 Q. And do you know that the management at
19 Allied did not respond the way you thought was
20 responsible?

21 A. Oh, yes. I -- I agree, yes.

22 Q. All right, sir. And what --

23 A. I know that.

24 Q. You know that?

25 A. (Nodding)

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1 Q. That's not speculation?

2 A. No. That's -- that's fact. I mean this
3 is -- we're trying to deal in fact here.

4 Q. Yes, sir.

5 A. Say the words not in fact -- everything I
6 presented here has -- has been fact.

7 Q. All right, sir. Now --

8 MR. RICE: Excuse me. I object to
9 the responsiveness.

10 BY MR. HOBSON:

11 Q. When you confronted Allied's management

12 with your concerns and -- and your -- also concern
13 for their lack of telling the employees about this
14 suspected hazard, what -- what happened?

15 A. Well, there were a number of things; but I
16 was terminated. There were additional things
17 besides that I was critical about. I wrote a
18 document, could not get the people in the fibers
19 division to listen to that document; and I took the
20 document off to corporate.

21 Q. What did that document deal with?

22 A. The shortfall of a -- a number of things
23 that were injurious to long-term Allied business.

24 Q. Now, let me see. When did you become a
25 certified industrial hygienist?

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1 A. In 1970.

2 Q. So, this was well before you got to
3 Allied?

4 A. Oh, yes. Yeah.

5 Q. And you had been practicing industrial
6 hygiene then for some --

7 A. Let me have that.

8 Q. -- number of years? Would that be right,
9 sir, before you got to Allied?

10 A. Yes.

11 Q. And was it your --

12 A. When did --

13 Q. -- view --

14 A. When did we -- got to Allied and --

15 MR. RICE: Excuse me. Do you need
16 this? I'd like to look at it first.

17 THE WITNESS: Well, just wait,
18 please.

19 A. We were at Allied in '77 to '79. So, the
20 time I got to this, I had been certified for six
21 years then. Okay?

22 BY MR. HOBSON:

23 Q. And did you view yourself as a competent,
24 qualified industrial hygienist when Allied hired
25 you?

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1 A. Yes.

2 Q. Did you believe that Allied viewed you as
3 a competent, qualified industrial hygienist when
4 they hired you?

5 A. Yes.

6 Q. Did -- you took this information, you say,
7 past the fibers division management, to corporate?

8 A. Yes.

9 Q. How did you do that?

10 A. Went up and visited corporate and sat down
11 with the head of toxicology and with the assistant
12 fellow by the name of Freeman, who is the assistant
13 head of industrial hygiene for Ethyl Corporation.

14 Q. You mean Ethyl or Allied?

15 A. I'm sorry. For Allied. Getting tired
16 now.

17 Q. Now, who was the head of toxicology
18 that -- that you talked to?

19 A. Marvin Freeman, I believe.

20 Q. And did you present them with this --

21 A. Yeah.

22 Q. -- memorandum that you had --

23 A. Yeah.

24 Q. -- had composed?

25 A. And as it was received, they took it and

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1 put it underneath the desk blotter. I was so naive
2 there that I didn't realize what a bomb I had by
3 going from the division to corporate. And that was
4 not a wise thing to do.

5 Q. What did they tell you?

6 MS. COLLINS: Object as
7 nonresponsive.

8 A. They -- well, they sympathized with me.
9 They were supposedly friends and sympathized with
10 me, and that was about it. But what they -- what
11 happened is they released that in corporate, and
12 corporate came back to the fibers division and
13 said: What in the world is this?

14 And like I said, I was terminated.

15 BY MR. HOBSON:

16 Q. Who -- who terminated you?

17 A. A fellow by the name of Wayne Sullivan.

18 Q. Did he give you a letter?

19 A. I believe so.

20 Q. What did he tell you the -- the reason for
21 the termination was?

22 A. I never was told the reason for my
23 determination. I -- termination. And I -- I
24 attempted to find that, and I investigated the -- my
25 personal file.

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1 I -- I didn't know we were going to go
2 this route. So, I don't have those papers. But I
3 do have -- have some papers relevant to that; and
4 with the man's name who was in personnel, who was
5 very sympathetic to my situation.

6 And he opened up my personnel files; and I
7 had a violent disagreement with what Mr. Sullivan
8 had written in there, because it wasn't true, and
9 wrote a letter to the personnel department, this
10 man, expressing my disagreement.

11 Q. You say Mr. Sullivan had put something in
12 your personnel file, that you saw, that you
13 disagreed with?

14 A. Yes. Yeah.

15 Q. What -- what did he put in there that you
16 disagreed with?

17 A. I have the document that I just read here

18 the other day. When you called me (indicating) --
19 see, I couldn't sit down and talk with you about
20 this because it was just developing. I was still
21 bird-dogging all of this stuff and didn't have a
22 chance to get it in -- into perspective.

23 Q. Talking about talking to the Allied
24 lawyer?

25 A. Yeah.

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1 Q. Okay.

2 A. Yeah. And so, I -- she wanted me to sit
3 down with her, as did Steve; and I wasn't prepared
4 to do so. I'm hardly prepared for this. Imagine
5 how I was a few days ago and -- and just coming up
6 to this.

7 Q. Okay.

8 A. So --

9 Q. Well, what was it that Mr. --

10 MR. RICE: Excuse me.

11 A. Oh --

12 BY MR. HOBSON:

13 Q. Wait.

14 MR. RICE: Let me object to the
15 responsiveness of the --

16 THE WITNESS: Yeah.

17 MR. RICE: -- last answer.

18 BY MR. HOBSON:

19 Q. What -- what did Mr. Sullivan say that

20 you --

21 A. I just --

22 Q. -- disagreed with?

23 A. I -- I read through -- I would have to
24 study on that. See, I wasn't studying on that. I
25 don't feel bad about getting terminated from -- from

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1 Allied. I might be --

2 Q. Why not?

3 A. -- flattered.

4 Q. Why not? Why don't you feel bad about
5 that?

6 A. Because I couldn't be under -- with them
7 as much as I've grown to be now, in what I've
8 accomplished now. Okay. And I've got lots of
9 people who are healthy now, that I wouldn't have had
10 an opportunity to help that rapidly in Allied.

11 And I'm getting older. My first wife of
12 41 years died. You know, who knows, I might have
13 died.

14 Q. Now, you -- you said that there was a
15 corporate toxicology group in Allied at the time?

16 A. Yes.

17 Q. And a corporate industrial hygiene group,
18 as well?

19 A. Yes, uh-huh.

20 Q. And did -- did you not receive support

21 from the corporate people to get your programs at
22 least investigated further?

23 A. No. The -- they had had the advent of
24 Kepone. And Kepone occurred under a decentralized
25 organizational structure. The -- Frank here, the

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1 plant manager at Allied, actually kept Allied
2 afloat. That was the only plant that made a profit
3 for Allied the first year that I was with them. And
4 he was still around. So, he essentially -- the
5 board of directors didn't run the Hopewell plant.
6 He ran it. And he did it in a decentralized
7 fashion.

8 Corporate wouldn't put their jobs at
9 jeopardy to take any stand in that. They didn't
10 have any strength.

11 Q. And the lactam situation was at this
12 Hopewell plant?

13 A. Yeah. It was at several locations, but it
14 was -- that's where it was manufactured. It was
15 there. It was also with the Chesterfield plant. It
16 was also in the plant in South Carolina, the Bess
17 plant --

18 Q. These --

19 A. -- but it still existed.

20 Q. These engineers that you had found the
21 death certificates for, that had showed pancreatic
22 cancer, had many of them worked at the Hopewell

23 plant then?

24 A. All of them had had the same job and the
25 same department, the same -- dealing with the same

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1 process.

2 Q. Have you, to this day, seen any resolution
3 in medical and scientific literature of this issue
4 that you raised?

5 MS. COLLINS: Well, I object to -- to
6 the -- the witness opining or answering that
7 question. It goes beyond the realm. He's a
8 fact witness here today. And to the extent it
9 calls for any opinion, I object to that.

10 A. All right. Allied went ahead and --
11 remember the statistic where I had my boss, Wayne --
12 8 out of 11 people died of pancreatic cancer. They
13 initiated a study where -- by the Industrial Health
14 Foundation in Pittsburgh. And it involved all the
15 people who worked with caprolactam and at the plant
16 in Hopewell. And it involved some plant in Georgia
17 where they also used caprolactam by a Norwegian --
18 Norwegian manufacturer.

19 And when you looked at the large
20 population of these complined -- combined employers,
21 then that many pancreatic cancers was no longer
22 significant.

23 That's when I wrote my letter to

24 Dave Frazier -- and you'd have to look in his dead
25 files -- he's dead -- to find that -- and regretted

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1 how Industrial Health Foundation did things one way
2 and the University of North Carolina did them
3 different.

4 UNC ring (indicating). Okay, smile,
5 folks. Not so serious. Okay?

6 BY MR. HOBSON:

7 Q. So, you contacted Dr. Frazier at the
8 University of North Carolina and expressed your
9 concerns to him about the --

10 A. He was the fellow --

11 Q. -- way the study was done?

12 A. Yeah. Yeah. And so that Dave, hopefully,
13 could bring to the community, the body of scientists
14 in industrial hygiene, informal information of the
15 risk with caprolactam.

16 Q. And the concern that you wrote him about
17 was what you thought was a dilution of the at-risk
18 population?

19 A. No. I was --

20 MS. COLLINS: Objection, leading.

21 A. -- concerned about the fact that this
22 material, in my opinion, caused pancreatic cancer
23 and it wasn't known. It wasn't published. The
24 people who were working with the material weren't
25 warned.

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1 People at the string plant, at the
2 Chesterfield plant, were -- I believe that they had
3 a death with pancreatic cancer even after this
4 time.

5 And in my time there, they didn't put
6 respirators on those people and -- to the proper
7 amount. Okay? My time there wasn't too long after
8 that.

9 BY MR. HOBSON:

10 Q. Now --

11 MR. MARTIN: Objection,
12 nonresponsive.

13 BY MR. HOBSON:

14 Q. Well, I'll have to ask, then, Mr. Taylor:
15 At the time you left Allied, had Allied warned any
16 of its employees about any potential lactam exposure
17 problem?

18 A. Not to my knowledge, no.

19 Q. Had they even asked their employees to
20 wear respirators as a pre- -- precaution?

21 A. Not to my knowledge, no. Three years
22 after my termination, the head of safety at the
23 Chesterfield plant, Don -- Don Jones, contacted me
24 and said that all of the things that I had said in
25 my resignation letter had been tested and proven to

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1 be so.

2 MS. COLLINS: Objection --

3 A. And --

4 MS. COLLINS: -- move to strike --

5 A. -- of course, one of those things
6 included --

7 MS. COLLINS: -- not responsive.

8 A. -- included the caprolactam.

9 BY MR. HOBSON:

10 Q. Because of the objection, let me ask you
11 were you --

12 MR. MARTIN: Further object as
13 hearsay.

14 BY MR. HOBSON:

15 Q. Were you subsequently contacted by someone
16 from Allied about the concerns you had raised?

17 A. Yes.

18 Q. And when that person contacted you, what
19 was their position, as you appreciated it?

20 A. Their pos- -- it was one of respect --

21 Q. No, sir. I mean --

22 A. -- saying, "You were right."

23 Q. No. I mean what was their employment
24 status with Allied?

25 A. He was head of -- I think he was a manager

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1 or director of safety at the Chesterfield facility
2 string plant, where they would take the caprolactam
3 and make fibers out of this chemical. And
4 caprolactam is of a nature that it can be treated
5 and reversed and you can make more liquid
6 caprolactam out of it. It's a reversible action.

7 And so, then they would take the waste
8 product caprolactam; and they had a process there at
9 their Chesterfield plant where they would
10 rejuvenate, if you will, that.

11 And I do know that they had a cancer death
12 there, pancreatic cancer.

13 Q. What was the man's name?

14 A. Don Jones.

15 Q. So, after you had been gone from Allied
16 some approximately three years --

17 A. Uh-huh.

18 Q. -- Mr. Don Jones contacted you?

19 A. Yeah.

20 Q. At the time he contacted you, you believed
21 him to be still an employee of Allied?

22 A. Yes.

23 Q. And -- and what did -- what do you recall
24 Mr. Jones telling you?

25 A. That everything that I had said in this

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1 final hearing, final termination meeting, was, in
2 fact, so.

3 Q. And would Mr. Jones have known what you
4 had said in your final termination --

5 A. I believe he --

6 Q. -- meeting?

7 A. I believe he was one of those that
8 attended it.

9 Now, I don't want to get Mr. Jones fired.
10 Okay? He was doing the best he can, and he was
11 trying to be honest and so on and so forth. I'm not
12 out to crucify him. But I -- it's factual, and
13 that's -- that's it. Okay?

14 Q. Let me go back --

15 A. We don't -- we don't have a friendship.
16 He didn't initiate anything.

17 He wasn't disloyal to -- to Allied. I
18 think he was an honest person.

19 Q. Let me ask you -- if I can go back in time
20 a little bit, I want to go back to your Ethyl days
21 for a minute.

22 A. Sure.

23 Q. When you were working for Ethyl, you said
24 that you were in the process of selling industrial
25 hygiene services of Ethyl's to other companies?

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1 A. Well, I didn't do that. They had the
2 representative salespeople -- call them marketing

3 people today -- that would visit these operations.

4 And our competitor was DuPont at -- at that time.

5 And so, these marketing people presumably
6 would go around and -- and try to make Ethyl more
7 favorable to a potential client or a client or
8 customer than -- than was DuPont.

9 And one of the bells, bottle -- my service
10 was one of the bells, was one of the bonuses of
11 doing business with Ethyl.

12 Q. Who --

13 A. I didn't solicit. I tried to fight it
14 because --

15 THE WITNESS: And I believe there
16 was a statement someplace, Steve. You may have
17 read it --

18 A. -- and -- where I objected to going to
19 the -- to get into the customer service work
20 because -- my statement was that there was too much
21 dirty linen in -- within the corporation, that we
22 shouldn't be going out and telling other people how
23 to do things.

24 MR. RICE: Well, I object to the
25 responsiveness.

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1 And to answer your question, no,

2 I've never seen such a document.

3 THE WITNESS: Okay.

4 BY MR. HOBSON:

5 Q. Well, I've got to ask you, since he
6 objected, did you object to selling or providing --
7 let me start over.

8 Did you object to Ethyl providing
9 industrial hygiene services to its customers?

10 A. Yes.

11 Q. And why did you object to that?

12 A. It diluted my efforts to get dose
13 information for Ethyl Corporation, diluted my
14 efforts to do what I had understood at the time I
15 was hired to do. I wasn't hired to be a salesperson
16 or to set up industrial hygiene and safety programs
17 around the whole bloody world.

18 Q. You had enough work to do at -- at Ethyl,
19 and going somewhere else would take away from that?

20 A. That's very factual.

21 Q. Now, in spite of that, were you called
22 upon to visit other people's facilities and do
23 industrial hygiene work?

24 A. Yes.

25 Q. I think earlier you mentioned Crown.

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1 Would that be Crown Central Refining?

2 A. Yeah. They had a great fire, didn't
3 they?

4 Q. I don't know.

5 A. Yeah, they did.

6 Charter International Petroleum.

7 Q. Charter was another?

8 A. Yeah.

9 Q. What others did you --

10 A. Ashland Petroleum.

11 Q. Okay.

12 A. Boys, I've got it -- a document on --

13 Conoco. Conoco. All those little smaller

14 refineries in the west, just about, almost every one

15 of them.

16 Q. Now, when you would go out and -- and

17 provide this service to Ethyl's customers --

18 A. There aren't that many, a dozen maybe.

19 Q. Sorry?

20 A. Go -- go ahead. There aren't that many.

21 Q. Say about a dozen?

22 A. I'd say, yeah.

23 Q. Okay. When you would go out and -- and do

24 industrial hygiene survey work for Ethyl's

25 customers, would you write a report of that visit?

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1 A. Yes.

2 Q. Would a -- a copy of that report have been
3 kept by Ethyl?

4 MR. RICE: Excuse me. I object.

5 It calls for speculation.

6 A. It was -- I will say that a copy of that

7 report was submitted to Ethyl; and they were used as
8 sales documents, if you will, by sales
9 representatives. In fact, they took a video of me
10 in my office giving some pitch on industrial hygiene
11 and -- and that type of thing. And they used that
12 to -- to promote with, too -- just come to mind.

13 BY MR. HOBSON:

14 Q. Now, if you made a visit to one of these
15 re- -- refineries, as an Ethyl industrial hygienist
16 and wrote a report, would the report have gone to
17 the company whose facility you visited?

18 A. Yes. It would go -- they were a
19 customer. They would go wherever they were told to
20 deliver it. And that -- I do have a -- a letter
21 back from the plant manager at Conoco -- excuse
22 me -- saying that they had adapted some of the -- of
23 my recommendations and were going ahead with them
24 and appreciated them, was well received and so on
25 and so forth.

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1 And at that time -- and I do have a copy
2 of this somewhere -- I wrote a letter -- or I sent a
3 note to Bill McCormick, who is managing director of
4 American Industrial Hygiene Association, and said,
5 "How come I can't convince Ethyl, but I can
6 convince other people," with my frustration.

7 Bill sent me back a letter and -- and
8 offered me other work.

9 MR. RICE: Excuse me. Object to
10 the responsiveness.

11 BY MR. HOBSON:

12 Q. Well, okay. Since he's objected, did --
13 did you have occasion to complain outside of Ethyl
14 about your inability to convince Ethyl to do what
15 you wanted done but you were able to convince
16 others?

17 A. Yes.

18 Q. And to whom did you make that complaint?

19 A. William McCormick.

20 Q. And who was he at the time?

21 A. He was the managing director of the
22 American Industrial Hygiene Association.

23 Q. And what did Mr. McCormick respond with?

24 A. Offered me other work.

25 Q. Outside of Ethyl?

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1 A. Yes.

2 Q. When you would do these industrial hygiene
3 surveys of other people's facilities, as an Ethyl
4 employee, you generated a report, you put a copy of
5 the report in Ethyl's files. And as far as you
6 knew, a copy of the report went to someone at the
7 customer's location. Would that be so?

8 A. Yeah. Most of those reports were on the
9 order -- this Ethyl Hellas report is typical of the

10 reports that I produced. After so many years, they
11 fall apart.

12 Q. And your industrial hygiene survey
13 reports, if there were recommendations for
14 improvement, those recommendations would have been
15 put down in writing and -- and sent to -- to the --
16 to the customer; would that be so, sir?

17 A. Yeah. Yes.

18 Q. Would -- would you have visited any of
19 those refineries more than once?

20 A. I would have to ponder that. I -- it
21 seems to me Meade -- gosh -- what was the company
22 that had this woman that was murdered on -- on --
23 has been on a TV program, with radiation and so on
24 and so forth?

25 Q. Oh, Kerr McGee.

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1 A. Kerr McGee. Kerr McGee, I think.

2 Q. Karen Silkwood.

3 A. The guy -- the -- the man who headed up
4 safety for Kerr McGee liked me and liked my
5 approach. In fact, he recommended me to be director
6 of OSHA at one time. And it's -- evidently was
7 helpful to his company in what he was trying to
8 accomplish in his company.

9 Q. So, you actually provided services for
10 Kerr McGee, as well, then?

11 A. Yeah. Yeah, to -- to, you know, their

12 locations. And I could very well have gone back.
13 Essentially by going to several similar locations,
14 I'm going back to them.

15 Q. I'd -- I'd like to ask you a few more or
16 less general questions, if I could, Mr. Taylor.

17 THE WITNESS: I -- I hope those
18 aren't getting all mixed up.

19 MR. RICE: Well, I'm -- I'm not
20 mixing them up.

21 THE WITNESS: Okay. Great.

22 MR. RICE: They're exactly the way
23 they were.

24 THE WITNESS: Is this the next pile?

25 MR. RICE: Well, it is --

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1 THE WITNESS: Excuse me.

2 MR. RICE: -- a pile.

3 THE WITNESS: I want to go on record
4 that I'm getting interfered with here and
5 distracted. Okay?

6 MR. RICE: Well, I want to go on the
7 record: You brought these documents here, I
8 guess responsive --

9 THE WITNESS: Yeah, but not in the
10 middle of when I'm trying to do my job.

11 MR. RICE: Well --

12 THE WITNESS: Right? I -- I'm due an

13 apology.

14 MR. RICE: Yeah.

15 THE WITNESS: I'm due an apology,
16 sir.

17 MR. RICE: I'm --

18 THE WITNESS: I'm due an apology,
19 sir. I'm due an apology.

20 MR. RICE: Anyway, I would like to --

21 THE WITNESS: I'm due an apology.

22 MR. RICE: Well, get an apology from
23 anyone that you think is due.

24 THE WITNESS: You, from you.

25 MR. RICE: I'm sorry. I -- I'm --

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1 THE WITNESS: There.

2 MR. RICE: -- trying to --

3 THE WITNESS: Great. Let's shake
4 hands.

5 MR. RICE: Thank you very much.

6 THE WITNESS: Great.

7 MR. RICE: Now --

8 THE WITNESS: Now, you go sit over
9 there and look through the papers, if you want
10 to; but don't distract me. I'm getting tired,
11 and I don't want to play legal games with you.
12 All right? I really don't. Please.

13 MR. RICE: You have brought
14 records --

15 THE WITNESS: May I have this?

16 MR. RICE: Sure.

17 THE WITNESS: I want to see what's --
18 where we are.

19 MR. RICE: You've brought records
20 here today. And what I'm doing, for purposes
21 of the record, based on your statements -- I
22 want to make sure the record is clear -- is I'm
23 trying to review the documents that you've --

24 THE WITNESS: I --

25 MR. RICE: -- brought here today.

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1 THE WITNESS: I appreciate that,
2 Steve. God love you, I appreciate that.
3 But --

4 MR. RICE: I'm not interested in
5 whether God loves me. I'm -- what I'm
6 interested in is trying to review the
7 documents.

8 THE WITNESS: I am interested
9 that God loves me. There may be a fundamental
10 difference here, Steve.

11 BY MR. HOBSON:

12 Q. I wanted to visit with you a little bit
13 about some of the principles of industrial hygiene
14 that you would have been taught and -- and that you
15 practice, Mr. Taylor.

16 Did -- did -- did you learn, sir, that
17 threshold limit values were guidelines that
18 professional industrial hygienists were to use?
19 A. Very, very rough guidelines. They are
20 guidelines to encourage further investigation. The
21 industrial hygienist, professional industrial
22 hygienist, looks at the dose-response relationship.
23 Merely finding something that is in excess of the
24 threshold limit value has no relation to someone
25 being injured. Finding somebody injured and their

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1 exposure level is below -- for instance, to -- to
2 lead -- and their exposure level, a lot of people
3 have been exposed to lead at acceptable levels and
4 accumulated lead in their bodies.

5 And so, the threshold limit values are
6 only a hazy cloud in the perception of really
7 professional industrial hygiene.

8 Q. For that reason, sir, is it -- is it
9 important that exposures in the workplace to
10 materials that are potential hazards be kept as low
11 as reasonably possible, even though you're below a
12 threshold limit value?

13 A. Absolutely.

14 MR. MARTIN: Objection; leading,
15 vague.

16 BY MR. HOBSON:

17 Q. And I take it, like the earlier slides you

18 showed us of your work at Ethyl of the -- the men
19 working on ventilat- -- asbestos insulation with the
20 band saws, even though you had ventilation in place
21 and they were wearing coveralls and they still had
22 on respirators, you still had ventilation, you still
23 followed good work practices -- and that was because
24 you wanted the exposures to be as low as you could
25 reasonably get them?

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1 MR. MARTIN: Objection --

2 BY MR. HOBSON:

3 Q. -- is that so?

4 MR. MARTIN: -- compound and
5 leading.

6 A. Yes, that's, in fact, so.

7 BY MR. HOBSON:

8 Q. And --

9 A. Individual susceptibility -- at -- at that
10 time there was a physician from New York who went
11 around and said one fiber could cause disease. Now
12 he's since backed off from that. But at that point
13 in time, there was certainly plenty of urgency to
14 get the exposures down as low as possible.

15 Q. And --

16 MR. MARTIN: Objection,
17 nonresponsive.

18 BY MR. HOBSON:

19 Q. -- were you taught as a -- a student in
20 industrial hygiene at the University of North
21 Carolina that a professional industrial hygienist,
22 in -- in carrying out his duties, should have this
23 approach of reducing exposures in the workplace to
24 as low as reasonably possible, even though the
25 exposures will be below the threshold limit value?

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1 MR. MARTIN: Objection, leading --

2 A. And -- and that's so. And it was --

3 MR. MARTIN: -- leading and vague.

4 A. -- reinforced by my employer, Stan Kyle,
5 at Ethyl Corporation. One of the first industrial
6 hygienists, a hired Harvard grad, and an engineer,
7 heck of a good engineer.

8 MR. RICE: What was his name?

9 THE WITNESS: Stanley Kyle.

10 BY MR. HOBSON:

11 Q. Are you saying that --

12 THE WITNESS: He's long dead.

13 A. It was reinforced -- that concept was
14 reinforced by him. These are the pioneers, okay,
15 before TLVs. It was reinforced by Fred Venable, who
16 was the industrial hygienist for the Baton Rouge
17 plant of Exxon. It was re- -- reinforced by
18 Ted Robinson, who was the medical director of the
19 Baton Rouge facility.

20 BY MR. HOBSON:

21 Q. Was it your --

22 A. I'm sorry to say that may be all it was
23 reinforced by. I wish it were a lot more.

24 Q. Was it your impression from having had
25 these conversations with these Ethyl men that had

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1 been there before you that this was a long-standing
2 practice of Ethyl Corporation, to keep exposures as
3 low as reasonably possible?

4 A. In the tetraethyl lead area, yes. And
5 that would be thanks to Dr. Kehoe.

6 Q. And I think you said earlier Dr. Kehoe had
7 a philosophy that you -- if you could keep all the
8 lead inside and have --

9 A. Yeah.

10 Q. -- no exposures, you can really -- you've
11 dealt with the industrial hygiene problem then?

12 A. Yeah.

13 MR. MARTIN: Leading.

14 A. Yes. And then -- I think in -- in
15 response to this, okay, my understanding of what he
16 was saying, I did publish or had published in
17 August, '79, an article, "Chemicals in the Air, How
18 to Determine Exposure Dose." That is relevant here.

19 BY MR. HOBSON:

20 Q. Where was that published, Mr. Taylor?

21 A. Published in a -- the magazine

22 Professional Safety. It's the magazine, the
23 publish -- publication for safety engineers in the
24 United States.

25 Q. American Society of Safety Engineers?

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1 A. Yes, sir.

2 I had published an article -- and this I
3 wrote entirely -- I was introduced by it -- to
4 Occupational Health Management by Objectives. It
5 was a management by objectives, M.B.O. Allied had
6 this management procedure.

7 So, this personnel management -- or
8 personnel magazine is a division of the American
9 Management Association. And we talk about, in that
10 article, information and guidelines for people at
11 Allied, a checklist for monitoring, for recognition,
12 evaluation, and control of plant health hazards.
13 And Item No. 5 is an epidemiologic review. Okay?

14 And then -- okay. It's your turn.

15 Q. The -- the documents, your publications
16 that you've gone through, you've been good enough to
17 give us copies of those; and -- and they're in this
18 three-ring binder, are they not?

19 A. Yes. And that one there is needful to be
20 brought up, the one before that -- right there.

21 Q. All right, sir. You -- you're directing
22 me to a -- a letter from a Dr. Ted Robinson --

23 A. That's right.

24 Q. -- dated August the 25th, 1982. And
25 what's the significance of it, Mr. Taylor?

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1 A. Well, the significance -- this is for
2 Mr. Rice. I was -- by this time, in '82, I had my
3 own company then and had been on my own and was
4 endeavoring to find work in the community here.

5 Bill Bosher, who went on -- at this --
6 this time he was superintendent of Henrico County,
7 superintendent of the schools. He then went to the
8 superintendent. He became the head of the state
9 school system; and now he is head of the second
10 largest school system in Virginia, Chesterfield
11 County. And so, Ted wrote this to Dr. Bosher as a
12 letter reference.

13 I'm going to read to you the third
14 paragraph. "Mr. Taylor is unquestionably" -- this
15 is from Ted Robinson, the fellow I worked with at
16 Ethyl Corporation, who Mr. Rice talked with a couple
17 of days ago.

18 Q. Who said that you didn't say what you say?

19 A. Yeah. "Mr. Taylor is unquestionably" --

20 MR. RICE: Excuse me.

21 A. -- "the best practical" --

22 MR. RICE: Excuse me.

23 THE WITNESS: Sure.

24 MR. RICE: What I said was that

25 Dr. Robinson did not leave for the reason you

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1 said.

2 THE WITNESS: Okay.

3 MR. RICE: All right?

4 THE WITNESS: Yeah.

5 MR. RICE: Okay.

6 THE WITNESS: I don't know how you
7 phrased that, though, Steve.

8 MR. RICE: Well, that's what --

9 THE WITNESS: That's -- that's so --

10 MR. RICE: -- in case there's any --

11 THE WITNESS: We don't want to chase
12 that dog around.

13 MR. RICE: Well, I will.

14 A. (Reading) Mr. Taylor is unquestionably
15 the best practical field industrial hygienist that I
16 have encountered. His technical knowledge is deep
17 and searching. He is meticulous in his techniques
18 and recognizes clearly the limitations and pitfalls
19 of each step involved in his evaluations. He is
20 very careful and rigorously logical in his analysis
21 and interpretation of results. His recommendations
22 are realistic, practical, necessary, and almost
23 always are sufficient of themselves to meet the
24 needs for protection of health. I consider his work
25 to represent state-of-the-art performance.

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1 Next paragraph: His one drawback --
2 brackets -- which I consider his greatest strength
3 and value -- end brackets -- is his absolute refusal
4 to compromise on his recommendations in any way that
5 might result in inadequate protection of any person
6 potentially exposed to a harmful situation. He is
7 an absolutely, resolutely moral and ethical
8 practitioner of his trade -- brackets -- calling --
9 question mark, end brackets -- brackets, dash,
10 quotes -- people protection, end quotes.

11 And that was from Ted Robinson, who was
12 the -- he's a doctor of industrial medicine, trained
13 at the University of Cincinnati in 1966. He at that
14 time was medical director of Chicopee and of the
15 southeast region for Johnson & Johnson. And during
16 the period '73 to '77 he was a plant medical doc- --
17 director, medical -- Ethyl Corporation, Baton Rouge,
18 Louisiana.

19 MR. RICE: Object to the
20 responsiveness of whatever the question
21 there was.

22 MR. HOBSON: Mr. Taylor, I think
23 that's going to be all --

24 THE WITNESS: All right.

25 MR. HOBSON: -- the questions I've

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1 got for you, sir. And --

2 THE WITNESS: Okay.

3 MR. HOBSON: -- I expect some of
4 these other folks want to ask you a few, and
5 then I may have a few more.

6 THE WITNESS: Then --

7 MR. LOKER: Excuse me. I object.
8 There is no question pending.

9 THE REPORTER: I'm -- I'm sorry.
10 Who --

11 THE WITNESS: Ask --

12 MR. LOKER: I am.

13 THE WITNESS: Ask me a question
14 if there was a follow-up on --

15 MR. HOBSON: Sure. Let's ask that
16 question, Mr. Taylor, since...

17 MR. LOKER: I'll withdraw my
18 objection.

19 THE WITNESS: All right. Then --
20 then let me go ahead with that.

21 BY MR. HOBSON:

22 Q. Well, you've got a document here that
23 appears to be a reprint of something you've
24 written. Would you tell us what that is, sir?

25 A. Yeah. One of the best quality journals in

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1 the United States is a -- one called Quality
2 Engineering. And I had published -- or was
3 published for me, after tremendous peer review from
4 around the world, an article entitled "Persistent
5 Team Improvement from Pride."

6 And the end of that article says: In
7 manufacturing, employee empowerment leads to
8 improved employee self-worth, leads to improved
9 company competitive position.

10 Now, this out- -- outfit became the best
11 in the world in quality, productivity, health,
12 perhaps the best chemical facility. You don't smell
13 chemicals there, at least in the United States.
14 Okay? And (reading) leads to further employee
15 empowerment and the cycle repeats.

16 And I felt the need to at the closure of
17 this, wherein from your position, gentlemen, that
18 this has to be suspect that I've proven what I've
19 talked about. Okay?

20 In addition, in June of -- 6, 1994, I am
21 one of the chapter editors, worked for two or three
22 years on this, for a book published by the American
23 Industrial Hygiene Association, their management
24 committee, for Industrial Hygiene Audited --
25 Auditing, a Manual for Practice. Okay?

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1 THE WITNESS: Thanks. Thanks for

2 your patience there.

3 MR. RICE: Object to the
4 responsiveness of the question -- the
5 answer.

6 MR. HOBSON: Anyone else have
7 some questions for Mr. Taylor?

8 THE REPORTER: Let's go off the
9 record a minute. I need to change paper.

10 MR. HOBSON: Okay. We can go off
11 the record a second.

12 THE VIDEOGRAPHER: We're off the
13 record at 2:44.

14 (A BRIEF RECESS WAS HAD)

15 MR. RICE: For the record, I need
16 time to review the documents that have been
17 brought here today before I can begin my
18 examination. And so, I want to do that before
19 I begin my examination.

20 MR. HOBSON: I'd say start; and if
21 you don't get done today, come back in the
22 morning.

23 MR. RICE: Well, I'm not coming back
24 in the morning. The deposition was scheduled
25 for today. You had a deposition scheduled

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1 tomorrow.

2 MR. HOBSON: When do you want to
3 come back?

4 MR. RICE: I don't know.

5 MR. HOBSON: Monday?

6 MR. RICE: I don't know.

7 MR. HOBSON: Well, I'd say why don't

8 you start going through the documents now; and

9 we've got a couple of hours here. You might

10 get finished with them.

11 MR. RICE: I'm not going to commit

12 to a specific time because I don't have my

13 calendar with me.

14 MR. HOBSON: Okay. Well, you can

15 commit for two hours, huh?

16 MR. RICE: Oh, yeah.

17 THE WITNESS: Somebody has jumbled

18 these, Steve. You're going to have to have

19 them --

20 THE REPORTER: Off the record now?

21 MR. RICE: Huh?

22 THE REPORTER: Off the record now?

23 MR. RICE: I don't have anything --

24 if somebody else wants to ask --

25 MR. HOBSON: The witness had

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1 something he wanted to ask you.

2 MR. RICE: Oh, I'm sorry.

3 THE WITNESS: No. My comment was --

4 I was teasing. I'm the only happy person in

5 the room other than Pat. Somebody has jumbled
6 these up -- hint, hint. And so, if you want me
7 to help you reorder them, I would because --

8 MR. RICE: Well, I --

9 THE WITNESS: -- if you do it in
10 chronological order, it'll -- it'll work
11 better.

12 MR. RICE: Well, I just want to --

13 THE WITNESS: If I can be of help to
14 you, I -- I'm saying if I can be of help to
15 you, God love you, I will.

16 MR. RICE: Well, I appreciate that.
17 You've been a lot of help already.

18 So, let me just take the opportunity
19 to review them; and I'll start or -- if
20 somebody else wants to ask questions, they feel
21 they're ready to go forward, then that's fine;
22 but I am not at this point.

23 MR. HOBSON: Okay. Who else wants to
24 ask questions?

25 (NO RESPONSE)

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1 MR. HOBSON: I guess you're the only
2 one, Mr. Rice.

3 MR. RICE: Okay.

4 MR. MARTIN: I tell you what, I'd
5 like to ask just a couple of questions if we're
6 on a break. If you want to -- I think it will

7 take two or three minutes.

8 MR. HOBSON: Sure.

9 THE WITNESS: You know, if I can
10 find -- if you're going to refer to this, if
11 I can --

12 MR. MARTIN: No.

13 THE WITNESS: Okay.

14 MR. HOBSON: Mr. Taylor, if you
15 want to put your microphone on there so --
16 for this man.

17 THE WITNESS: Thank you, Mr. Hobson.
18 Great.

19 THE VIDEOGRAPHER: We're on the
20 record at 2:56.

21 EXAMINATION BY MR. MARTIN:

22 Q. Mr. Taylor --

23 A. Yes.

24 Q. -- a couple of questions. My name is
25 Kirk Martin. I met you this morning. I represent

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1 Mobil Oil Corporation and Fina Oil and Chemical
2 Company.

3 You've appeared here today subject to a
4 subpoena, as I understand it; is that right?

5 A. Yes.

6 Q. Were you served a subpoena at your home?

7 A. I was -- I was handed a -- a document for

8 my presence, yeah.

9 Q. Who handed that to you?

10 A. God love you. Some lawyer from Chester.

11 Q. A lawyer handed that to you?

12 A. Yeah.

13 Q. Okay. Is that what you were handed, that
14 you have in your hands?

15 A. (Reviewing document) Well, this was faxed
16 to me; but then, there was a formal thing that I
17 signed and so on and so forth and the date and the
18 time and all that --

19 Q. All right.

20 A. -- type of thing. This was a fax to a --
21 alert me.

22 Q. Are you being compensated for your
23 testimony here today?

24 A. Yes.

25 Q. And who is paying for your time?

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1 A. Mr. Hobson is.

2 Q. Okay. And would you share with us what
3 your fee is for the testimony?

4 A. I'll charge \$80 an hour for being here;
5 and for the preparatory work, I'll charge \$55 an
6 hour.

7 Q. And that was the time you invested in
8 gathering these documents together?

9 A. Yes.

10 Q. Okay.

11 A. It was actually about 24 hours.

12 Q. That's how much time --

13 A. Or --

14 Q. -- was spent putting --

15 A. -- maybe even more. I -- I'm not sure,
16 but it was...

17 Q. You spent at least 24 hours gathering the
18 documents together --

19 A. Yeah. I --

20 Q. -- that you've brought here?

21 A. I learned from my lawyer friends how to
22 itemize everything. You know, it's all -- all
23 accounted for and all the tasks are --

24 Q. Okay.

25 A. -- dates and all that kind of thing.

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1 Q. Have you submitted a bill for your time
2 yet?

3 A. No. I -- I won't submit a bill unless
4 he's happy. I don't bill my clients unless I give
5 them value.

6 Q. Un- -- unless you --

7 A. He has -- he has to judge whether I've
8 given him value or not.

9 Q. And that's Mr. Hobson?

10 A. Yes.

11 MR. MARTIN: All right. Thank you.
12 That's all I have.
13 Anyone else?
14 (NO RESPONSE)
15 MR. HOBSON: Anybody else?
16 (NO RESPONSE)
17 MR. HOBSON: Off the record until
18 Mr. Rice is ready, I guess.
19 You want -- are you ready to go
20 forward yet?
21 MR. RICE: Huh?
22 MR. HOBSON: I said are you ready to
23 go forward yet?
24 MR. RICE: Herschel, I've got to the
25 first document.

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1 MR. HOBSON: Oh. Okay.
2 THE REPORTER: Off the record or on
3 now?
4 MR. HOBSON: I guess off the record,
5 yeah.
6 THE VIDEOGRAPHER: We're off the
7 record at 2:59.
8 (A BRIEF RECESS WAS HAD)
9 MR. HOBSON: On the record again.
10 Mr. Rice has indicated that it's
11 clear, now that he's had a chance to look at
12 Mr. Taylor's documents for a while, that he

13 can't finish today, in its entirety anyway.
14 So, rather than to keep all these folks sitting
15 around while he goes through the documents,
16 we'll reconvene at a convenient time for
17 Mr. Taylor and Mr. Rice, after Mr. Rice has had
18 a chance to look through his copy of the
19 documents.

20 Mr. Taylor has indicated that he
21 will be sending the court reporter a copy of
22 the documents, and then the court reporter can
23 make them available to any of the parties that
24 wants them.

25 And I think, Mr. Taylor, you

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1 indicated that not only had you gotten an
2 agreement from me to pay you for your time
3 pursuant to doing work under the subpoena
4 but Mr. Rice has agreed to pay you for your
5 time that you spend doing whatever he asks
6 you to do; is that right, sir?

7 MR. RICE: That's --

8 THE WITNESS: That's correct.

9 MR. RICE: -- not exactly correct.

10 MR. HOBSON: Oh.

11 MR. RICE: That's --

12 MR. HOBSON: Well, do you know
13 what's correct?

14 MR. RICE: I think what I asked --
15 or what we agreed was that the time we spent
16 on the telephone, that I would pay you for
17 that time; is that not correct?

18 THE WITNESS: Yeah, or the time --

19 MR. RICE: Okay.

20 THE WITNESS: -- the time that you
21 wanted me -- you wanted to talk to me before
22 this hearing --

23 MR. RICE: Right.

24 THE WITNESS: -- you would pay for
25 that time.

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1 MR. RICE: Which you refused to do;
2 is that correct?

3 THE WITNESS: Yeah. Everyone --
4 everyone got the information at one time. You
5 all got pregnant at the same time.

6 MR. HOBSON: You didn't show me --

7 THE WITNESS: I thought that was
8 fair.

9 MR. HOBSON: You didn't show me
10 any of these documents before the deposition
11 today, did you, Mr. Taylor?

12 THE WITNESS: No, sir. No.

13 MR. RICE: Anything else?

14 MR. HOBSON: Yes.

15 THE WITNESS: And that's -- and

16 that's essentially what you asked me.

17 MR. RICE: What?

18 THE WITNESS: You asked me, you
19 said, "Are you going to show them to
20 Mr. Hobson," or something like that.

21 And I said, "No, he's -- he hasn't
22 asked me for them, though." You were the
23 only one that asked for them.

24 MR. RICE: And you refused.

25 Go ahead.

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1 MR. HOBSON: This, too, should
2 solve our problem about your problems with --

3 MR. RICE: Notice?

4 MR. HOBSON: -- notice. That way
5 you'll have plenty of time to look through
6 everything, get the transcript of what's done;
7 and any concerns you have should be deal --
8 dealt with that way, too.

9 Okay? That concludes today's
10 deposition. And, Mr. Taylor, for the purposes
11 of reconvening, would you agree, sir, that we
12 don't have to serve you with another subpoena
13 but we'll work with you to coordinate a
14 convenient time to finish this up if it's
15 necessary?

16 THE WITNESS: That's wonderful.

17 There's one other thing I'd ask for.

18 MR. HOBSON: Yes, sir.

19 THE WITNESS: This gentleman over
20 here, when -- when something was said about me
21 getting to a certain point of this phase and
22 there was clapping from the other room, he said
23 he wanted to go on record that the clapping was
24 not from the lawyers represented here. If the
25 lawyers represented want to clap now, they can.

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1 MR. LOKER: We're going to wait until
2 we reconvene.

3 MR. HOBSON: Thank you, sir.

4 THE WITNESS: Happy weekend,
5 everyone. Smile.

6 THE REPORTER: Wait --

7 MR. HOBSON: Steve, we're going to
8 attach to today's transcript the copies of the
9 covers of the books so everybody will know what
10 he brought. And then the other documents will
11 be provided to the court reporter.

12 Also attached will be the documents
13 that Mr. Taylor provided us in this three-ring
14 binder. There were two copies that he brought,
15 that I think are separate from his regular
16 copies.

17 THE WITNESS: Do you have both of
18 those copies?

19 THE REPORTER: Off the record?

20 MR. RICE: I'm sorry, Herschel.

21 This is off the record.

22 THE WITNESS: We're done.

23 (OFF-THE-RECORD DISCUSSION)

24 MR. HOBSON: Mr. Taylor has said
25 that he will have the slides copied; and in

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1 addition to that, he'll make a photocopy of
2 the -- what's on the face of the slides and
3 coordinate those so we'll know which slides
4 go with what he was talking about earlier.
5 That way everybody will have a copy of the
6 slides. And if they want them, the court
7 reporter can deal with making you copies of
8 all those, as well.

9 MS. MALONEY: Will the slides
10 actually be slides, or are they going to be
11 photocopies?

12 MR. HOBSON: I asked for slides to
13 be made, duplicates slides.

14 THE WITNESS: One set.

15 MR. HOBSON: One set. And then --

16 THE WITNESS: Okay.

17 MR. HOBSON: -- the court reporter
18 will deal with those who want a -- want
19 additional copies.

20 THE WITNESS: Sure.

21 MR. HOBSON: But Mr. Taylor will just
22 provide the court reporter one -- one copy of
23 the slides.

24 MR. RICE: And then what's going to
25 happen to them?

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1 MR. HOBSON: Anybody that wants a
2 copy of those slides can contact the court
3 reporter for their copy.

4 MR. RICE: Okay. I do want a copy.

5 THE REPORTER: Okay. Can I assume
6 that everybody wants a copy of the slides? If
7 not, please send me something by fax saying not
8 to send you a copy.

9

10 (DEPOSITION EXHIBIT TAYLOR NOS. 2, 3,
11 4, AND 5 WERE MARKED)

12 (UPON RECEIPT BY THE REPORTER
13 DEPOSITION EXHIBIT TAYLOR NOS. 6 AND 7 WERE
14 MARKED)

15

16 (THE DEPOSITION WAS ADJOURNED)

17

18

19

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21

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25

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1 THE STATE OF _____ :

2 COUNTY OF _____ :

3

4 I, HENRY M. TAYLOR, hereby certify that I have
5 read the foregoing transcript of my testimony,
6 consisting of 179 pages, given in the foregoing
7 numbered and styled case, and that same is true and
8 correct to the best of my knowledge and belief.

9 I further certify that any and all corrections
10 have been made on a separate page and initialed by
11 me.

12 This _____ day of _____, 1997.

13

14

15

HENRY M. TAYLOR

17

18 SWORN TO AND SUBSCRIBED BEFORE ME this _____
19 day of _____, 1997.

20

21

22

NOTARY PUBLIC

23

24

25

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1 NO. B-126,986

2 RUSSELL ALLEN, ET AL * IN THE DISTRICT COURT
 *
 3 VS. * JEFFERSON COUNTY, TEXAS
 *
 4 AMERICAN PETROFINA, INC., *
 ET AL * 60TH JUDICIAL DISTRICT

5 -----
 NO. A-144,426 (Consolidated B-126,986)

6 GLADYS FORRESTIER, ET AL * IN THE DISTRICT COURT
 *
 7 VS. * JEFFERSON COUNTY, TEXAS
 *
 8 AC&S, INC., ET AL * 58TH JUDICIAL DISTRICT

9 -----
 NO. A-134,614 (Consolidated B-126,986)

10 FRENCH HICKS, ET AL * IN THE DISTRICT COURT
 *
 11 VS. * JEFFERSON COUNTY, TEXAS
 *
 12 BETHLEHEM STEEL *
 CORPORATION, ET AL * 58TH JUDICIAL DISTRICT

13 -----
 14 NO. A-144,426-A (Consolidated B-145,587)

15 GINGER BROUSSARD * IN THE DISTRICT COURT
 *
 16 VS. * JEFFERSON COUNTY, TEXAS
 *
 17 AC&S, INC., ET AL * 60TH JUDICIAL DISTRICT

18 -----
 NO. B-150,802

19 LENA BROUSSARD, * IN THE DISTRICT COURT
 INDIVIDUALLY AND AS *
 20 PERSONAL REPRESENTATIVE *
 OF THE ESTATE OF LLOYD J. *
 21 BROUSSARD, DECEASED, *
 ET AL *
 22 *
 VS. * JEFFERSON COUNTY, TEXAS
 *
 23 GULF STATES UTILITIES *
 24 COMPANY, ET AL * 60TH JUDICIAL DISTRICT

25

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1 NO. B-142,345

2 LEROY CELESTINE * IN THE DISTRICT COURT

3 VS. * JEFFERSON COUNTY, TEXAS

4 CLEMCO INDUSTRIES, INC., * ET AL * 60TH JUDICIAL DISTRICT

5 -----

6 NO. B-138,645

7 DOROTHY DAVIS, ET AL * IN THE DISTRICT COURT

8 VS. * JEFFERSON COUNTY, TEXAS

9 AC&S INC., ET AL * 60TH JUDICIAL DISTRICT

10 -----

11 NO. B-149,788

12 JOANN FOSTER, ET AL * IN THE DISTRICT COURT

13 VS. * JEFFERSON COUNTY, TEXAS

14 A.M.F. INCORPORATED, * ET AL * 60TH JUDICIAL DISTRICT

15 -----

16 NO. D-128,522 (Consolidated B-126,986)

17 LARRY LOBUE * IN THE DISTRICT COURT

18 VS. * JEFFERSON COUNTY, TEXAS

19 AMERICAN PETROFINA, * INC., ET AL * 60TH JUDICIAL DISTRICT

20 -----

21 NO. B-132,431

22 LEO MIRE * IN THE DISTRICT COURT

23 VS. * JEFFERSON COUNTY, TEXAS

24 MOBIL OIL CORPORATION * 60TH JUDICIAL DISTRICT

25

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1 NO. B-134,025

2 JOHNNY LEE POWERS * IN THE DISTRICT COURT
*
3 VS. * JEFFERSON COUNTY, TEXAS
*
4 AMERICAN OPTICAL *
CORPORATION, ET AL * 60TH JUDICIAL DISTRICT

5 -----

6 NO. B-141,242

7 ROOSEVELT SCOTT * IN THE DISTRICT COURT
*
8 VS. * JEFFERSON COUNTY, TEXAS
*
9 AMERICAN OPTICAL *
CORPORATION, ET AL * 60TH JUDICIAL DISTRICT

10 -----

11 NO. B-148,523

12 IN THE MATTER OF THE * IN THE DISTRICT COURT
ESTATE OF VIRGIL *
13 WILLBANKS, DECEASED, *
ET AL *
14 VS. * JEFFERSON COUNTY, TEXAS
*
15 AC&S, INC., ET AL * 60TH JUDICIAL DISTRICT

16 -----

17 NO. E-141,216 (Consolidated A-134,614)

18 DOROTHY LEE BARNARD, * IN THE DISTRICT COURT
19 ET AL *
*
20 VS. * JEFFERSON COUNTY, TEXAS
*
21 ALLIED-SIGNAL, INC., *
ET AL * 58TH JUDICIAL DISTRICT

22 -----

23 NO. A-140,498

24 JOYCE A. BORNE, ET AL * IN THE DISTRICT COURT
25 *
VS. * JEFFERSON COUNTY, TEXAS
*
ALLIED-SIGNAL, INC., *
ET AL * 58TH JUDICIAL DISTRICT

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1 NO. A-142,945
2 LOYICE B. EBANKS * IN THE DISTRICT COURT
3 VS. *
4 AC&S, INC., ET AL * JEFFERSON COUNTY, TEXAS
*
* 58TH JUDICIAL DISTRICT

5 NO. A-141,797
6 JAMES EUGLON * IN THE DISTRICT COURT
7 VS. *
8 AMERICAN OPTICAL * JEFFERSON COUNTY, TEXAS
CORPORATION, ET AL *
* 58TH JUDICIAL DISTRICT

9 NO. A-155,544
10 HARRY GILBERT, JR., ET AL* IN THE DISTRICT COURT
11 *
12 VS. * JEFFERSON COUNTY, TEXAS
13 AMOCO CORPORATION, *
ET AL * 58TH JUDICIAL DISTRICT

14 NO. A-151,231
15 DONNA JONES, ET AL * IN THE DISTRICT COURT
16 VS. *
17 AC&S INC., ET AL * JEFFERSON COUNTY, TEXAS
*
* 58TH JUDICIAL DISTRICT

18 NO. A-152,338
19 MARGARET PALERMO, ET AL * IN THE DISTRICT COURT
20 VS. *
21 ARCO CHEMICAL COMPANY, * JEFFERSON COUNTY, TEXAS
ET AL *
* 58TH JUDICIAL DISTRICT

23

24

25

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1 NO. E-150,405 (Consolidated D-145,280-B-C-D)
2 DONALD ROY SCHMIDT, ET AL* IN THE DISTRICT COURT
3 VS. * JEFFERSON COUNTY, TEXAS
4 THE AETNA CASUALTY & SURETY, ET AL * 172ND JUDICIAL DISTRICT
5 -----

6 NO. A-153,063
7 ROBERT WASHINGTON * IN THE DISTRICT COURT
8 VS. * JEFFERSON COUNTY, TEXAS
9 AMERICAN CAST IRON PIPE COMPANY, ET AL * 58TH JUDICIAL DISTRICT
10 -----

11 NO. D-143,616
12 BARBARA MAE CASTRO * IN THE DISTRICT COURT
13 DIDDLE, ET AL * JEFFERSON COUNTY, TEXAS
14 VS. * 136TH JUDICIAL DISTRICT
15 -----

16 NO. E-149,835
17 JUDY BLACKBURN, ET AL * IN THE DISTRICT COURT
18 VS. * JEFFERSON COUNTY, TEXAS
19 AC&S, INC., ET AL * 172ND JUDICIAL DISTRICT
20 -----

21 NO. E-153,066
22 BOYCE A. GILBERT * IN THE DISTRICT COURT
23 VS. * JEFFERSON COUNTY, TEXAS
24 AMERICAN OPTICAL CORPORATION, ET AL * 172ND JUDICIAL DISTRICT
25 -----

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1 NO. E-144,963

2 JUANITA FRALICK, ET AL * IN THE DISTRICT COURT
*
3 VS. * JEFFERSON COUNTY, TEXAS
*
4 CONOCO, ET AL * 172ND JUDICIAL DISTRICT

5 NO. E-144,117

6 ALBERT PALMER, ET AL * IN THE DISTRICT COURT
*
7 VS. * JEFFERSON COUNTY, TEXAS
*
8 SHELL OIL COMPANY * 172ND JUDICIAL DISTRICT

9 NO. E-146,212

10 BARBARA BOYD WINNINGKOFF, * IN THE DISTRICT COURT
ET AL *
11 *
VS. * JEFFERSON COUNTY, TEXAS
12 *
CHEVRON U.S.A., INC., *
13 ET AL * 172ND JUDICIAL DISTRICT

14 NO. 96-3348-E

15 BERNICE DENKELER, ET AL * IN THE DISTRICT COURT
*
16 VS. * NUECES COUNTY, TEXAS
*
17 AC&S INC., ET AL * 148TH JUDICIAL DISTRICT

18

19

20 REPORTER'S CERTIFICATE TO THE DEPOSITION OF
21 HENRY M. TAYLOR

22

23 I, B. IRENE MEGUESS, a Certified Shorthand
24 Reporter for the State of Texas, hereby certify
25 pursuant to the Texas Rules of Civil Procedure

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1 and/or agreement of the parties present to the
2 following:

3

4

That this deposition transcript is a true

5

record of the testimony given by HENRY M. TAYLOR,

6

the witness named herein, on January 24, 1997, after

7

said witness was duly sworn by me.

8

9

SWORN TO AND SUBSCRIBED by me in Beaumont,

10

Texas, on this the ____ day of _____, 1997.

11

12

13

B. IRENE MEGUESS, CSR, RPR

14

Certification Number: 2429

15

Expiration Date: 12-31-98

16

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Beaumont, Texas 77702

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