

1 IN THE SUPERIOR COURT OF THE STATE OF CALIFORNIA  
2 IN AND FOR THE CITY AND COUNTY OF SAN FRANCISCO

3 ---o0o---

4 JAMES SHORT,  
5 Plaintiff,

COPY

6 vs.

No. 798751

7 RAYBESTOS-MANHATTAN, et al.,  
8 Defendants.

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16 DEPOSITION OF JAMES SHORT

17  
18 Taken before SUSAN WILLIAMS, a Notary Public

19 In and for the County of Alameda

20 State of California

21 CSR No. 4784

22 July 15, 1986

23  
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25  
26 AIKEN & WELCH, INC.  
27 Certified Shorthand Reporters  
1404 Franklin Street  
Oakland, California 94612  
28 (415) 451-1580

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DEPOSITION OF JAMES SHORT

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4 BE IT REMEMBERED, that pursuant to Notice, and on the  
5 15th day of July 1986, commencing at the hour of 9:30 a.m.,  
6 in the offices of Aiken & Welch, 1404 Franklin Street,  
7 Oakland, California, before me, SUSAN WILLIAMS, a Notary  
8 Public in and for the County of Alameda, State of  
9 California, personally appeared JAMES SHORT, produced as a  
10 witness in said action, and being by me first duly sworn,  
11 was thereupon examined as a witness in said cause.  
12

13 --o0o--  
14

15 MADELYN CHABER, PAT QUINTILIAN and JONATHAN SWEET,  
16 Cartwright, Sucherman & Slobodin, 101 California Street,  
17 26th Floor, San Francisco, California 94111, appeared on  
18 behalf of the Plaintiff.  
19

20 NATALIE RUSSO, Legal Assistant, Fisher & Hurst, Four  
21 Embarcadero Center, San Francisco, California 94111, was  
22 present.  
23

24 CYNTHIA VERGES, McCutchen, Doyle, Brown & Enersen,  
25 Three Embarcadero Center, San Francisco, California 94111,  
26 appeared on behalf of GAF Corporation.  
27  
28

1 DENNIS DAY, St. Clair, Zappettini, McFetridge &  
2 Griffin, 235 Montgomery Street, San Francisco, California  
3 94104, appeared on behalf of Nicolet, Inc.  
4

5 GILLIAN STEIN, Morgenstein, Ladd & Jubelirer, 101  
6 Market Street, 6th Floor, San Francisco, California,  
7 appeared for defendant members of the Asbestos Claims  
8 Facility who have been served and who have answered in their  
9 action.  
10

11 ALSO PRESENT: Lou Ann Meredith.  
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JAMES SHORT,

sworn as a witness by the Notary Public,  
testified as follows:

EXAMINATION BY MS. STEIN

MS. STEIN: Q. What is your name?

A. James Leon Short.

Q. My name is Gillian Stein. I represent some of  
the defendants in this lawsuit.

Have you had an opportunity to discuss this deposition  
with your attorney?

A. Briefly, yes.

Q. You do understand that you've taken an oath and  
that everything you say today will be recorded and will be  
transferred into a transcript, and you will have an  
opportunity to read it.

Should you wish to make any changes or comment on it,  
you will be entitled to, and we will be able to comment on  
that.

We would like you to answer audibly to every question  
because the reporter must write down "yes" or "no," as  
opposed to nods.

Speak loud. If you don't understand or don't hear me,  
please don't hesitate to say so.

If you would like to take a break, just say so.

It is also a lot easier if you let me complete the  
question before you answer for the court reporter.

Have you ever given a deposition before in a trial or  
in a courtroom?

1 A. No.

2 Q. Have you ever been involved in a trial or a  
3 hearing?

4 A. No.

5 Q. Do you take any medication?

6 A. No.

7 Q. Have you taken any medication within the past  
8 six months?

9 A. No.

10 Q. Have you spoken to anybody else besides your  
11 attorney about this deposition?

12 A. No.

13 Q. Have you reviewed any papers, documents, records  
14 or photos for this deposition?

15 A. Yes.

16 Q. Could you explain to me what you have reviewed  
17 or produce them at this deposition?

18 A. Well, I have reviewed some of my own  
19 correspondence at home, and some pictures that we looked  
20 at.

21 MS. CHABER: He is referring to correspondence with  
22 our office.

23 MS. STEIN: I just wanted to clarify that. Thank  
24 you.

25 Q. Are there any employment records that or Social  
26 Security records that you have brought to the deposition?

27 A. No, I didn't bring anything with me.

28 Q. What is your present address, Mr. Short?

1           A.     I live at 1417 Pelican Way. That's in Suisun  
2 City, California.

3           Q.     Do you own the house?

4           A.     Yes, buying.

5           Q.     What is your monthly payment on that house?

6           A.     \$787.

7           Q.     Where were you born, Mr. Short?

8           A.     I was born in Nashville, Tennessee.

9           Q.     On what date?

10          A.     July 10th, 1946.

11          Q.     Do you know your Social Security number?

12          A.     Yes. 552-68-6561.

13          Q.     What is the highest grade completed?

14          A.     About a year and a half of college.

15          Q.     Where did you attend college?

16          A.     University of Pacific.

17          Q.     Where is that?

18          A.     Stockton, California.

19          Q.     Are you presently married?

20          A.     Yes.

21          Q.     What was the date of your marriage?

22          A.     Got married on the 2nd of April, 1971.

23          Q.     Do you have any previous marriages?

24          A.     No.

25          Q.     What is your wife's date of birth or her age?

26          A.     September 15th, 1952.

27          Q.     Is she employed?

28          A.     Yes.

1 Q. Where?

2 A. She works for the United States Department of  
3 Agriculture in Albany, California.

4 Q. To your knowledge, what is her present state of  
5 health?

6 MS. CHABER: Objection; calls for a medical opinion.

7 THE WITNESS: Pretty good.

8 MS. STEIN: I am asking for the witness' --

9 MS. CHABER: Can we have a stipulation that all  
10 questions with respect to health or cause of death are  
11 objected to as calling for a medical opinion?

12 MS. STEIN: Yes.

13 Q. Do you have any children?

14 A. Two.

15 Q. Could you give me the name and age of the  
16 eldest?

17 A. Jason Short, and his age is 10.

18 Q. The second child?

19 A. Joel Short, J-o-e-l, and his age is six.

20 Q. Subject to your attorney's objection, could you  
21 tell us what the state of health is, first, Jason and Joel?

22 A. They appear to be in very good health.

23 Q. Besides your wife and the two children, who I  
24 assume live with you at that address that you gave us  
25 earlier, does anybody else live with you?

26 A. No.

27 Q. Do you support anybody besides your wife and two  
28 children financially?



1 A. No.

2 Q. Are either of your parents living?

3 A. I don't know my natural parents, but my adopted  
4 parents are both living.

5 Q. Do you know if you have any natural brothers or  
6 sisters?

7 A. No.

8 Q. Where did you complete school?

9 A. Complete school?

10 Q. Yes.

11 A. I didn't complete it.

12 MS. CHABER: Do you mean high school?

13 MS. STEIN: Q. You said you went to college.

14 A. Yes.

15 Q. That was in Stockton.

16 A. Yes.

17 Q. When did you move from Nashville, Tennessee, to  
18 Stockton?

19 A. I never really lived in Stockton other than in a  
20 dormitory-type thing.

21 I moved to California in 1957.

22 Q. Before moving to California, where was your  
23 permanent residence?

24 A. Amarillo Texas some, Lincoln Nebraska some. And  
25 prior to that I couldn't remember.

26 Q. What was your first job?

27 A. My first job? I worked for an organization here  
28 in Oakland called Manpower, Inc.

1 Q. What year was that?

2 A. That was the last of '65, I believe.

3 Q. Did you hold no job prior to 1965?

4 A. No, nothing of any major consequences.

5 Q. Well, could you perhaps just mention briefly  
6 what those jobs were? Were they on farms? Were they  
7 service stations?

8 A. No. I worked, I think, for a month for J.C.  
9 Penneys or something like that.

10 Q. You consider your first job in 1965 at Manpower?

11 A. Yes.

12 Q. What was your job title?

13 A. I guess you'd call it laborer.

14 Q. Could you give a description of your job?

15 A. Unloaded trucks and stocked warehouses, that  
16 sort of thing.

17 Q. Could you tell us what goods you were handling?

18 A. Couple times we handled electric motors, small  
19 electric motors and electrical parts. Couple times we  
20 handled large refrigerators.

21 It was kind of a strange job. Just mostly taking  
22 stuff off of trucks, delivering it and leaving.

23 Q. Do you claim that you had any asbestos exposure  
24 at this job?

25 A. No, not that I am aware of.

26 Q. When did you leave this position? What year?

27 A. 1966.

28 Q. What was your next position?

1           A.     I started working for the federal government at  
2 Hunters Point Naval Shipyard.

3           Q.     What was your job position there?

4           A.     I was an apprentice electrician.

5           Q.     How long did you hold that position?

6           A.     Four years.

7           Q.     That was until 1970?

8           A.     (Witness nods head).

9           Q.     And thereafter?

10          A.     I was a journeyman electrician.

11          Q.     For how long?

12          A.     Until that shipyard closed in '73.

13          Q.     After 1973 where did you go?

14          A.     I worked for a year at Norfolk Naval Shipyard in  
15 Norfolk, Virginia as a journeyman electrician.

16          Q.     After that one year?

17          A.     After that one year I came back to Mare Island  
18 Naval Shipyard, and I've been working there since.

19          Q.     You are presently working --

20          A.     I am a supervisor.

21          Q.     When did you become a supervisor?

22          A.     Approximately five years ago.

23          Q.     So, 1981?

24          A.     Yes.

25          Q.     Have you ever been in the military?

26          A.     No.

27          Q.     As an apprentice electrician, would you describe  
28 your function on a day-to-day basis?

1           A.     Pulled cable, packed tubes, installed lighting  
2 circuits, power distribution circuits, cut in and hooked up  
3 all kinds of equipment.

4           Q.     Have you completed that list or do you have  
5 others?

6           A.     Yes. That's pretty basic.

7           Q.     While you were performing these functions, were  
8 you working directly with any asbestos products?

9           A.     Directly with? A couple -- on some occasions  
10 gaskets, some gaskets. Let's see. Also, there's some  
11 cables that have asbestos insulation inside of them. And on  
12 direct as being a part of my job, that would be about it.

13          Q.     Could you describe what the gaskets looked like?

14          A.     They were a flat, brownish tan with different  
15 product names on them that you would cut out.

16                 And they'd come in large sheets that you could put --  
17 you could make up a large gasket if you wanted to, or a  
18 small gasket, if you wanted to.

19          Q.     When you are referring to "large sheets," did  
20 these come within a package --

21          A.     We didn't get them within a package. We would  
22 be given what we needed from the store supply.

23          Q.     You referred to product names being on these  
24 sheets.

25                 Do you recall any of these names?

26          A.     The one I remember the best was from Garlock,  
27 which there is a picture of in there.

28          Q.     There was a picture of what?

1 MS. CHABER: In here. He was pointing to the  
2 photographs produced.

3 MS. VERGES: Can we make those exhibits?

4 MS. STEIN: Sure. Let's make the batch as Exhibit 1.

5 (Document marked Defendants'  
6 Exhibit No. 1 for Identification.)

7 MS. STEIN: Q. How was the name imprinted?

8 A. Just like it was --

9 Q. Stamped --

10 A. Stamped on with a black stamp.

11 MS. CHABER: For the record, Exhibit 1 has 12  
12 photocopies of photographs.

13 MS. STEIN: Q. Do you recall any other names?

14 A. Not as prominent as that one there. That one I  
15 remember quite vividly, but the other names I don't really  
16 remember that well.

17 Q. You also referred to some of the cable had  
18 asbestos insulation?

19 A. Yes.

20 Q. Do you recall --

21 A. No. All they had was a little strip down the  
22 middle of them, little bitty tiny white strip that would  
23 have names of the companies on them. I don't remember.

24 Q. Did those cables come in any type of packaging  
25 or boxes?

26 A. We were usually given them outside of any  
27 packaging. They were cut off at the cable yard and provided  
28 to us in lengths that we ordered.

1 Q. I'll confirm that the gaskets and the cable, as  
2 far as you are concerned, were any products that you worked  
3 directly within your work?

4 MS. CHABER: That contained asbestos?

5 MS. STEIN: Q. That contained asbestos.

6 A. To the best of my knowledge, yes. There were  
7 packing for tubes, or something like that, that had some of  
8 it in it, too, but I don't remember the names of all that.  
9 It used to come on a roll.

10 Or you could get them already preformed packed.

11 Q. This is tubing that you are referring to?

12 MS. CHABER: Cable?

13 THE WITNESS: Tubing that cable went into that  
14 required watertight packing for different bulkheads,  
15 different areas of the boat.

16 MS. STEIN: Q. You don't recall any names --

17 A. No, I don't recall the names for those things.

18 Q. Were these tubes in different sizes --

19 A. Yes, they were. They were very big too  
20 (indicating).

21 Q. For the record, approximately from one inch to  
22 five inches?

23 A. Yes.

24 Q. We were speaking about while you were an  
25 apprentice electrician.

26 Did your job function change at all when you became a  
27 journeyman electrician?

28 A. Not really.

1 Q. Would you say that you worked with the same  
2 products?

3 A. Yes.

4 Q. This was until 1973, when Hunters Point closed?

5 A. Uh-huh.

6 Q. In Norfolk Naval Shipyard in Virginia, what did  
7 your work entail there?

8 A. I was working for Shop 99, and there you supply  
9 temporary power for different services throughout the boat:  
10 ventilation, lighting, stuff like that.

11 They also supply water and air. But I wasn't involved  
12 with the water and air part of it.

13 Q. What asbestos products were you working with  
14 directly at Norfolk?

15 A. At Norfolk, the only ones I remember dealing  
16 with were -- they had a different type of strip heater  
17 there.

18 Strip heaters are used to preheat metals for welding.

19 They had -- at Hunters Point they had 440-type strip  
20 heaters that came with a regular cord.

21 At Norfolk they didn't have that. They had separate  
22 wires, and they were all asbestos covered wires because they  
23 would wind up lying on the heated areas.

24 Q. So, these wires were connected to the strip  
25 heater?

26 A. Yes.

27 Q. Were you aware of any manufacturer's  
28 identification on those wires?

1 A. No.

2 Q. Did you replace those wires or remove them?

3 A. I worked with them.

4 Q. Can you describe them?

5 A. They were just a conductor inside a white  
6 fibrous wrapping on the outside.

7 Q. About how thick?

8 A. They were pretty thick. I don't know. I'd say  
9 a 16th of an inch, 32nd of an inch, something like that.

10 Q. Are there any other products that you recall at  
11 Norfolk besides --

12 MS. CHABER: That he worked with?

13 MS. STEIN: Yes, asbestos --

14 THE WITNESS: Directly, no, not that I can think of.

15 MS. STEIN: Q. I am going to go back to your time at  
16 Hunters Point.

17 Were you indirectly exposed to any asbestos products?

18 A. Yes.

19 Q. What were those?

20 A. The lagging from pipes and insulation from  
21 bulkheads were predominantly what I was exposed to.

22 Q. In what way were you exposed to these?

23 A. We would go into a compartment to rip out the  
24 whole compartment, to replace everything in it.

25 And all of the shops would be in there at the same  
26 time. And they'd be removing the pipe lagging. They'd be  
27 burning out holes and old tubes and stuff like that,  
28 removing wireways and cables.



1 Q. During your time at Hunters Point, what  
2 percentage of the time were you on ships and what percentage  
3 of the time were you in the shop?

4 Can you estimate for me?

5 A. I was on the ship, I would think, about 90 to 95  
6 percent of the time. In the shop for only about five  
7 percent of the time.

8 Q. This indirect exposure was predominantly --

9 A. Was predominantly -- I'm sorry.

10 Q. When you were in the shop?

11 A. No. It was on the boat -- I'm sorry. The  
12 direct exposure was probably a little more in the shop than  
13 it was on the boat.

14 Q. What percentage would you say that was? We are  
15 talking about direct exposure to asbestos products that you  
16 were working with.

17 A. Yes. The gaskets and stuff would be, I don't  
18 know, 75 percent.

19 Q. This was when you were working on the ship. Is  
20 that correct?

21 MS. CHABER: Counsel, what he testified was that he  
22 spent 90 to 95 percent of his time on ship and about 5  
23 percent of his time in the shop.

24 His direct exposure occurred more frequently in the  
25 shop, about 75 percent, compared to onboard ship. That's  
26 direct exposure.

27 You haven't --

28 MR. DAY: Would that be 75 percent of 5 percent?

1 MS. CHABER: That's my understanding, yes.

2 MS. STEIN: Q. When you worked on the ship, your  
3 direct exposure with asbestos products --

4 MS. CHABER: That's been asked and answered.

5 MS. STEIN: Q. We dealt with your direct exposure of  
6 asbestos products in the shops, which you testified to being  
7 75 percent of the time that you spent in the shops.

8 A. My direct exposure with asbestos on shipboard  
9 would have been the tube packings that I had and the cutting  
10 end of cables that were asbestos, that had asbestos inside  
11 of them.

12 Not all of them. But some of them did. And I have no  
13 idea which ones did.

14 Q. This is when you were working on the ship?

15 A. Right.

16 Q. The percentage of the time that you worked with  
17 these products on the ship, can you estimate that?

18 A. I'd say about 60 percent of the time, 70 percent  
19 of the time.

20 Q. Now, your indirect exposure, when you were  
21 exposed to lagging from pipes and insulation from the block,  
22 did this exposure take place on the ships or in the shop?

23 A. On the ship.

24 There were occasions when I was exposed in the shop,  
25 but not like on the ship.

26 Q. When you worked at Hunters Point, did you ever  
27 wear a mask?

28 A. No.

1 Q. Did you ever wear a respirator?

2 A. No.

3 Q. Did you have safety meetings?

4 A. Yes.

5 Q. Was asbestos ever raised as a subject at your  
6 safety meetings?

7 A. No.

8 Q. Can you recall any of your co-workers at Hunters  
9 Point?

10 A. My closes friends were up in age. I am not even  
11 sure if they are still around. Robert W. Charles. He lives  
12 in San Francisco. Another person, Joe Urbinia -- I think  
13 it's U-r-b-i-n-i-a -- who lives in San Francisco.

14 Edward Perez, which I ran into and happens to live out  
15 in Suisun, where I do now.

16 Q. Do you recall any supervisors from that period  
17 at Hunters Point?

18 A. I can recall quite a few supervisors. If you  
19 want a list of all of them or as many as I can remember?

20 Q. As many as you can --

21 A. Vince Ceilia, Phil Wartum, Fred Cherry, Kenny  
22 Allen. Jorganson, I can't remember his last name. James  
23 Baise. I think it's B-a-i-s-e, or something like that. Let  
24 me think.

25 I'm trying to remember the ones we had inside the  
26 shop. I can't remember.

27 Q. Were you in contact with welders?

28 A. Yes.

1 Q. Was this on the ship?

2 A. Yes.

3 Q. Were you in contact with grinders?

4 A. Yes.

5 Q. Sheet metal workers?

6 A. Yes.

7 Q. Painters?

8 A. Yes.

9 Q. Sandblasters?

10 A. Yes.

11 Q. And the ladders?

12 A. Yes.

13 Q. And the pipefitters?

14 A. Yes.

15 Q. I am now going back to Norfolk.

16 You have spoken about the strip heaters and the  
17 cords.

18 Were there any other products --

19 A. Not that I am aware of.

20 Q. -- that was asbestos?

21 A. Nothing directly.

22 MS. CHABER: That he used directly?

23 MS. STEIN: Yes.

24 THE WITNESS: Not that I know of.

25 MS. STEIN: Q. Indirectly, what products were you  
26 exposed to?

27 A. Indirectly at Norfolk would have been the same  
28 ones that I was exposed to at Hunters Point: the lagging,

1 the floor tiling that they did and the -- I'm trying to  
2 think. The insulation on the bulkheads and stuff like  
3 that.

4 MR. DAY: Did you answer floor tiling?

5 THE WITNESS: Yes.

6 MS. STEIN: Q. Do you recall the identification of  
7 any of these products?

8 A. Well, I picked out some that I recall just by  
9 sight, especially on the floor tiling.

10 But the stuff for the lagging and the blocks and  
11 whatnot that were put on were -- and the mud that they used  
12 to wrap around it, didn't -- it was usually just brought  
13 down in bags without any, that I can remember,  
14 identification on the outside.

15 Q. Do you recall the identification of the tiles?

16 A. Yes, I picked out a couple that I remember  
17 seeing.

18 Q. Can you mention the names?

19 A. They were GAF and Armstrong.

20 Q. What percentage of the time were you onboard  
21 ship when you were at Norfolk?

22 A. 100 percent of the time.

23 Q. What parts of the ship did you work in?

24 A. All over.

25 Q. Could you say any particular area you were more  
26 frequently in?

27 A. No.

28 Q. Did you wear a mask at Norfolk?

1 A. No.

2 Q. A respirator?

3 A. No.

4 Q. Did you have safety meetings?

5 A. Yes.

6 Q. Did they raise the question of asbestos?

7 A. No.

8 Q. Did you ever notice any markings on any packages  
9 or boxes?

10 A. No.

11 Q. Do you recall any of your co-workers or  
12 supervisors at Norfolk?

13 A. I cannot remember their names.

14 Q. After Norfolk you returned to the Bay Area and  
15 you went to work at Mare Island?

16 A. Mare Island.

17 Q. Did any of your duties change from what you've  
18 already testified to?

19 A. My duties?

20 Q. Yes.

21 A. Well, I became an inspector in Code 1390 in  
22 about 1977 or '78, I believe it was, '79, somewhere around  
23 in there, '78.

24 Q. What does that mean?

25 A. I was an electrical inspector, nuclear systems  
26 inspector.

27 What they do is they inspect the finished product.

28 They have several inspections that they do as you do the

1 overhaul, and they go down and they look at the different  
2 areas and they write deficiencies or they don't write  
3 deficiencies.

4 Q. From 1973 to 1978, did your work remain very  
5 similar to what you had done at Hunters Point?

6 A. Yes.

7 Q. During 1973 to 1978, do you recall any of the  
8 names of any of the asbestos products that you worked with  
9 during those five years at Mare Island?

10 A. At Mare Island? You mean direct?

11 Q. Direct.

12 A. No, I don't.

13 Q. You also worked around ladders, pipefitters?

14 A. Yes.

15 Q. Do you recall any of the products or product  
16 names that they were working with when you were in their  
17 present?

18 A. Just like at Hunters Point, they would bring all  
19 their stuff down in a bag and do their work down there.

20 It's real hard on the submarine to bring much more  
21 than yourself down there.

22 So, they pretty much put everything into one thing and  
23 kind of carried it down there.

24 They'd take it out of the boxes. I didn't see any.

25 Q. You are referring to bags and pipes --

26 A. Yes. I am talking about green plastic bags with  
27 no identification on the outside of them at all.

28 Q. What was inside the plastic bags?

1           A.     The products they used for doing lagging work or  
2 whatever.

3           Q.     Now, in 1978 you became an inspector.

4           Was this on nuclear submarines?

5           A.     Yes.

6           Q.     What percentage of your time did you spend  
7 aboard the submarines?

8           A.     As an inspector, about 50 percent of the time  
9 maybe.

10          Q.     And the rest of the time?

11          A.     In the shop and office or whatever.

12          Q.     How long were you in this position, from 1978?

13          A.     Off and on three years.

14          It didn't start out as a permanent position.

15          Q.     During that period, 1978 to 1981, what asbestos  
16 exposure did you experience?

17          A.     The same as all the rest, it's the same stuff.

18          Q.     Being indirect exposure?

19          A.     Indirect mostly, yes.

20          Q.     Did you work directly with any asbestos products  
21 during that time?

22          A.     As an inspector, no.

23          Q.     Did you wear a mask?

24          A.     I have worn a mask at Mare Island.

25          Q.     During which period?

26          A.     It would have been just slightly before the time  
27 I was an inspector.

28          Q.     1977?



1 A. 1977, '78, somewhere around in there.

2 It would be just one of these little white masks that  
3 you wore.

4 Q. Did you ever wear a respirator?

5 A. Did I what?

6 Q. Did you wear a respirator?

7 A. I have worn a respirator one time as -- through  
8 an air-fed hood type thing, and that's all. That was just a  
9 nuclear -- what you'd call radiological training-type thing.

10 Q. Was that, in fact, for protection from  
11 radiation?

12 A. It was protection. It was a device training you  
13 for protection on air-borne contamination.

14 Q. This was only on one occasion --

15 A. Yes.

16 Q. -- that you wore a respirator?

17 On what occasion were you wearing the mask when you  
18 referred to this white mask?

19 A. The time that I remember that I was wearing this  
20 was on a barge where I was having to put up a whole bunch of  
21 lights, and there was a lot of welding going on. And it was  
22 just a little too smokey.

23 Q. So, it was more for the welding fumes --

24 A. Yes.

25 Q. Do you only recall that one occasion where you  
26 wore a mask?

27 A. Yes, that I can remember.

28 Q. Were you ever exposed to radiation?

1 A. Yes.

2 Q. Were you told at what level you experienced that  
3 exposure?

4 A. Was I told what?

5 Q. Did you wear a radiation badge?

6 A. Yes.

7 Q. Was that monitored regularly?

8 A. Yes.

9 Q. Were you ever told that you'd had too much  
10 exposure to radiation?

11 A. No.

12 Q. In 1981 you became a supervisor?

13 A. Supervisor.

14 Q. Can you tell us what this entailed? Were you  
15 working onboard ship?

16 A. Well, most of my time was spent in the office  
17 with sometime spent onboard the boat monitoring jobs.

18 Q. What percentage would you say --

19 A. 60/40. 60 in the office, 40 on the boat.

20 Q. Is this at the present time?

21 A. Yes.

22 Q. Your job is as a supervisor, and this is what  
23 you spend?

24 A. Yes.

25 Q. Are you working directly with any products?

26 A. Directly? Not myself, no.

27 Q. Do you claim that you have indirect exposure to  
28 asbestos products from 1981?

1           A.     They've done a good job on keeping you out of  
2 the area when they are removing the stuff now or putting it  
3 on.

4           So, I'd say you are not really, since '81.

5           Q.     Would you say between 1978 and 1981 you had much  
6 indirect exposure?

7           A.     No, not really, I don't think so. Not between  
8 those days.

9           Q.     I am going to go back now to Hunters Point and  
10 ask you if you recall any of the names of the ships that you  
11 worked on.

12          A.     I worked on the -- EDISON was the first one I  
13 worked on. Then they become a blur. A lot of aircraft  
14 carriers. The ORISKANY, the ENTERPRISE, the HANCOCK, the  
15 CORAL SEA. I think I saw a couple other ones, too.

16          Q.     Do you recall any of the ships you worked on at  
17 Norfolk?

18          A.     Norfolk I worked quite on a different few. I  
19 was in 99. I don't recall all of them there.

20                 I think the RANGER was the biggest one that was there,  
21 the aircraft carrier.

22          Q.     And at Mare Island?

23          A.     Mare Island has been almost all submarines.

24          Q.     Is that since 1973 you worked more on submarines  
25 --

26          A.     Yes. I have worked on some surface crafts since  
27 then, either Alameda or a TDI on some other shipyard.

28          Q.     Have you worked at various shipyards?

1 A. Two other shipyards.

2 Q. Which were those?

3 A. Long Beach Naval Shipyard.

4 Q. When was that?

5 A. '77, '78, somewhere around in there.

6 Q. And the other shipyard?

7 A. Other shipyard was Philadelphia Naval Shipyard.

8 That was in '84.

9 Q. Have you ever been a member of a union?

10 A. I am a member of the Federal Managers  
11 Association. That's the only one I've ever been a member  
12 of.

13 Q. What year did you become a member of that union?

14 A. '81.

15 Q. And prior to that you weren't a member of the  
16 union?

17 A. No.

18 MS. STEIN: Shall we take a five-minute break?

19 MS. CHABER: Sure.

20 (Recess taken).

21 MS. STEIN: Back on the record.

22 Q. You mentioned that you worked at Long Beach  
23 Shipyard.

24 Could you tell us how long you were there?

25 A. I was there for 40 days.

26 Q. What work were you doing down there?

27 A. I ripped out a ventilation system and installed  
28 a new one, helped Shop 17 do that.

1 Q. Were you working directly with any asbestos  
2 products on this particular job?

3 A. Not that I know of, no.

4 Q. When you worked at the Philadelphia Shipyard,  
5 what work were you doing there?

6 A. I was a supervisor there. They were ripping out  
7 and replacing galley range systems, four different galleys.

8 Q. How long did it take?

9 A. When I got there after -- that took about a  
10 month and a half, I think.

11 Q. Would you say you had any asbestos exposure  
12 during that period?

13 A. I don't know for sure.

14 MR. DAY: Which period?

15 MS. STEIN: When he was in Philadelphia for a month  
16 and a half.

17 Q. Besides the jobs you have testified to, have you  
18 ever performed any other jobs where you think you may have  
19 been exposed to asbestos products?

20 A. Not that I can think of.

21 Q. Have you ever remodeled your own home?

22 A. I put some things in, but not remodel, no.

23 Q. Did you ever work with asbestos products in  
24 doing this work?

25 A. No.

26 Q. Have you worked on your own car?

27 A. No. I don't do that.

28 Q. Do you have a furnace in your home?

1 A. Yes.

2 Q. Have you ever worked on that?

3 A. No.

4 Q. When did you first become aware of the hazards  
5 of asbestos?

6 A. After I was at Mare Island, about 1978 or '77,  
7 somewhere around in there.

8 Q. How did you become aware?

9 A. They started closing off large areas of the boat  
10 to remove asbestos lagging and pipes and stuff like that.

11 They wouldn't allow any other shops in there besides  
12 64.

13 Q. Were there any other sources where you became  
14 aware?

15 A. Prior to '78, no.

16 Q. After 1977, 1978, did you read about it  
17 anywhere?

18 A. Yes.

19 Q. Where?

20 A. Newspapers, safety meetings had what they called  
21 OSHA Grams.

22 Q. What specifically were you told?

23 A. Told that -- well, they have a thing at the  
24 bottom of it saying it's hazardous to your health and to  
25 avoid the areas, the areas have been roped off, and now they  
26 enclose them, like in a bag.

27 You can't get to them at all now unless you are  
28 actually going to be doing work on it.

1 Q. So, since 1977, '78, would you consider your  
2 exposure decreased significantly?

3 A. Yes.

4 Q. How significantly?

5 A. I would say probably 95 percent.

6 Q. Have you ever filed any Workmen's Compensation  
7 claim?

8 A. Yes.

9 Q. When?

10 A. I don't remember the year exactly. I got a burn  
11 on the back of my hand at -- while I was a volunteer fireman  
12 for El Sobrante Fire Department.

13 Q. Do you recall more or less what year this could  
14 have been?

15 A. Boy, I'm sorry. I can't -- right offhand I just  
16 can't remember.

17 Let me think. I think it was in about '69 or '70.

18 Q. When did you start doing volunteer firemen work?

19 A. I stopped when I moved back to Norfolk Naval  
20 Shipyard.

21 Q. How many years were you a volunteer fireman?

22 A. Couple years, year, year and a half. I guess it  
23 was in '71 or '72, then, instead.

24 Q. What type of work were you doing?

25 A. For the fire department?

26 Q. Yes.

27 A. Put out grass fires, and that was predominantly  
28 what it was. Had a few structure fires.

1 Q. Were you ever in a position where you inhaled  
2 smoke and had to be treated medically?

3 A. No.

4 Q. Besides the burn of your hand, there were no  
5 other physical problems?

6 A. No.

7 Q. Do you know what amount you were paid for this  
8 Workers' Compensation claim?

9 A. It was \$104.

10 Q. There have been no other Workers' Compensation  
11 claims?

12 A. No.

13 Q. Do you have any plans on retiring?

14 A. Yes, on or about August of 19 -- 2001, something  
15 like that, after I get 35 years in, if Mr. Reagan doesn't  
16 fool around with my retirement. It's when I get 35 years in  
17 and when I turn 55.

18 Q. That is what your present plans are?

19 A. That's 15 years from now.

20 Q. What is your present income?

21 A. My second income?

22 Q. Your present income.

23 A. Do you want yearly --

24 MS. CHABER: That's fine.

25 THE WITNESS: It's around \$40,000 a year.

26 MS. STEIN: Q. Could you tell us what income your  
27 wife contributes?

28 A. She makes about \$14,000 a year, I think.



1 Q. What is your wife's name?

2 A. Ann.

3 Q. Is there any other source of income that your  
4 family gets?

5 A. No.

6 Q. No properties?

7 A. No.

8 Q. No interest?

9 A. No interest.

10 Q. No stocks and bonds?

11 A. No.

12 Q. What are your present activities besides your  
13 work that you are involved in?

14 A. You mean extracurricular activities?

15 Q. Yes.

16 A. I like to ski a little bit.

17 Q. Is that snow ski?

18 A. Yes. I do minor hiking, like walking down to  
19 the beach or something like that, or along the beach. No  
20 real physical stuff.

21 Q. Have you ever done anything else in the last  
22 five or ten years?

23 A. I used to jog when I was -- a few years back,  
24 but I stopped.

25 Q. Why did you stop?

26 A. It was a little too much on me, I guess.

27 Q. What is your present height?

28 A. 6'.

1 Q. And your present weight?

2 A. It's about 290.

3 Q. 290?

4 A. Uh-huh.

5 Q. Has that varied --

6 A. The last year I gained somewhere around 50  
7 pounds, I guess.

8 Q. That's within the last year?

9 A. Yes.

10 Q. Is there any reason for this?

11 A. Well, I injured my back a couple years ago, and  
12 I had been losing quite a bit of weight when I injured it.  
13 It's never really recovered.

14 Then I am kind of afraid to do too much that would  
15 help me lose weight because it's constantly bothering me.

16 So, I haven't done a lot exercisewise.

17 Q. What was your weight before your back injury?

18 A. It was at about -- I was at 235 when I injured  
19 my back.

20 Q. Would you say most of your adult life --

21 A. I've been overweight all my life, yes.

22 Q. How did you injure your back?

23 A. I injured my back stepping off a step at work  
24 incorrectly.

25 Q. Did you ever file a Workmen's Compensation  
26 claim?

27 A. No, I didn't.

28 Q. How long ago was that?

1           A.     It's been approximately two years, I believe.

2           Q.     Could you tell me what physical complaints you  
3 have at the present?

4           A.     I can't do -- don't seem to be able to do as  
5 much as I used to be able to. When I do attempt it I get  
6 out of breath quite a bit easier.

7           I used to be able to run up steps, and I can't do that  
8 easily anymore. I always ran up the stairs. I always felt  
9 if I ran up the stairs fast it would be easier. I have to  
10 stop a few minutes before I can carry on.

11          Q.     Is that once you've walked up one flight of  
12 stairs?

13          A.     Yes, one or two flights of stairs, yes.

14          Q.     That's after walking that you feel short of  
15 breath?

16          A.     Uh-huh.

17          Q.     How far can you walk on the level before you  
18 feel short of breath?

19          A.     On the level? I probably walk about a mile, I'd  
20 say. And then I would start -- I'd start noticing, I would  
21 be breathing harder.

22          Q.     Are there any other complaints that you have at  
23 the moment?

24          A.     Not really.

25          Q.     Does your back not worry you at all?

26          A.     It does.

27          Q.     What in particular is the complaint?

28          A.     It's always hurting me, but I am trying to live

1 with it.

2 Q. Were you told what the injury actually did at  
3 the time?

4 A. No. They haven't been very -- they have been  
5 very inconclusive about it. They haven't really told me  
6 other than "You hurt your back." Basically that's about it.

7 Q. Have you ever had any treatment for it?

8 A. Mostly just rest. I've on two occasions had to  
9 take off from work two weeks to spend almost all my time on  
10 my back.

11 Q. Two occasions, and both times were two weeks?

12 A. Yes.

13 Q. Which part of the back is it?

14 A. It's the lower back.

15 Q. Have you missed time from work for any other  
16 reason in the last five years?

17 A. Other than colds, not really, no, not that I can  
18 think of.

19 Q. What complaint would you say is related to your  
20 asbestos exposure?

21 MS. CHABER: This is just his personal opinion?

22 MS. STEIN: His personal opinion.

23 THE WITNESS: The shortness of breath, I think, for  
24 the most part.

25 MS. STEIN: Q. Has any doctor ever told you this?

26 A. No.

27 Q. Have you ever suffered from pneumonia?

28 A. No.

1 Q. From TB?

2 A. No.

3 Q. From pleurisy?

4 A. No.

5 Q. From asthma?

6 A. No.

7 Q. Bronchitis?

8 A. No.

9 Q. Emphysema?

10 A. No.

11 Q. Do you have allergies?

12 A. No.

13 Q. Hay fever?

14 A. No.

15 Q. Arthritis?

16 A. No.

17 Q. Heart disease?

18 A. No.

19 Q. Cardiovascular problems?

20 A. No.

21 Q. Have you ever broken any ribs?

22 A. No.

23 Q. Any other bones?

24 A. No.

25 Q. Have you ever been hospitalized?

26 A. I think I was when I was younger for an ear  
27 infection, but I don't know for sure.

28 Q. Have you ever been hospitalized since then?

1 A. No.

2 Q. What doctors have you seen in the last 10  
3 years? If you could give me a name and address.

4 MS. CHABER: For any reason?

5 MS. STEIN: For any reason.

6 THE WITNESS: Most of the doctors I've seen have been  
7 at Kaiser.

8 MS. STEIN: Q. Which Kaiser?

9 A. The one in the last 10 years, the one in  
10 Vallejo, and there is a new one in Fairfield now. I've seen  
11 some at Oakland and at Richmond.

12 Q. These are all Kaiser hospitals?

13 A. Yes.

14 Q. Do you have a regular family doctor?

15 A. No, I don't.

16 Q. Besides visiting these various Kaisers in the  
17 last 10 years, is there any particular doctor that comes to  
18 mind who has dealt with you on a regular basis?

19 A. A Dr. Van Derby at Richmond Kaiser. We were  
20 seeing him exclusively for a while. That was many years  
21 ago.

22 Q. At the moment, what doctor do you see?

23 A. Whichever one I get when I have to go. I don't  
24 go but when I feel like I have to, which is -- I don't feel  
25 like I have to more often than not. Whichever doctor they  
26 give you.

27 Q. Which Kaiser would that be?

28 A. The one in Fairfield.

1 Q. What complaints have you been to to Kaiser for  
2 in the last five years?

3 A. My back or flus or coughs. I had strep throat  
4 once.

5 Q. Do you have any doctor's appointments scheduled  
6 in the near future?

7 A. No. I think my wife is trying to get me a  
8 multiphasic or something like that. She hasn't told me  
9 she's done it yet.

10 Q. Do you drink any type of alcohol?

11 A. Yes.

12 Q. What?

13 A. Beer and wine.

14 Q. Could you estimate on a weekly basis how much  
15 that would be per week?

16 A. Maybe about three or four bottles of beer and/or  
17 wine a week.

18 Q. For how long have you had this pattern, would  
19 you say?

20 A. Well, I'd say for the last four or five months.  
21 I kind of slowed down. I was drinking maybe a six pack of  
22 beer or six glasses of wine a week before that. I am not a  
23 big drinker.

24 Q. Would you say at any stage of your life you  
25 drank more than that?

26 A. No.

27 Q. Do you smoke?

28 A. No.

1 Q. Have you ever smoked?

2 A. Yes.

3 Q. When did you start smoking?

4 A. I stopped smoking.

5 Q. Start.

6 A. Stopped smoking, I think, about six or seven  
7 years ago.

8 Q. When did you begin smoking?

9 A. I began smoking when I was 20 years old, started  
10 working at Hunters Point.

11 Q. How many cigarettes a day would you smoke?

12 A. At the end I was smoking anywhere from 20 to 30  
13 a day.

14 Q. What did you begin smoking?

15 A. Half a pack, 10.

16 Q. Why did you stop smoking in 1978?

17 A. I had a bet with some friends.

18 Q. Was there any other reason?

19 A. They lost. My youngest kept telling me he could  
20 smell cigarette smoke on me. When you smoke, you don't  
21 smell it.

22 Q. Did cigarettes ever make you cough?

23 A. It made colds last longer.

24 Q. Did you ever develop a cough while you were  
25 smoking?

26 A. No.

27 MS. STEIN: Q. Do you believe that these cigarettes  
28 could have contributed to your shortness of breath?



1 MS. CHABER: Again, this is his personal opinion?

2 MS. STEIN: Yes.

3 THE WITNESS: They may have.

4 MS. STEIN: Q. Were you aware of the warnings on the  
5 cigarette packages?

6 A. Yes.

7 Q. From when?

8 A. I don't know when they started it.

9 Q. Does your wife smoke?

10 A. No.

11 Q. Has she ever smoked?

12 A. No.

13 Q. Have you ever smoked cigars?

14 A. No.

15 Q. Pipes?

16 A. No.

17 Q. Chewed tobacco?

18 A. No.

19 Q. Snuff?

20 A. No.

21 Q. You did testify that the only time you have been  
22 away from work has been for your back injury and for common  
23 colds?

24 A. In the last 10 years.

25 Q. Would you say you've lost any work due to your  
26 asbestos-related problem?

27 A. That I've lost any work?

28 Q. Any time at work.

1           A.     Oh, I don't really know for sure. That  
2 condition may have aggravated a cold or something where I  
3 was off a little longer. I don't know. I would think not,  
4 but I don't know for sure.

5           Q.     How long would you be away from work if you had  
6 a cold?

7           A.     Well, I try not to be away very long, two or  
8 three days.

9           Q.     Have you paid any of the medical bills from your  
10 pocket, or has Kaiser covered your medical expenses?

11          A.     You've got to pay a premium, and a visit charge.

12          Q.     Did you undergo screening at Mare Island on a  
13 regular basis?

14          A.     A screening? What do you mean?

15          Q.     Medical screening.

16          A.     They do medical things every year, yes.

17          Q.     Were you ever told the results of these  
18 screenings?

19          A.     Yes. I received a letter. They take chest  
20 x-rays every year, on or around your birth date, and a  
21 couple years ago they decided that if you wanted to know  
22 what it was, how it came out, they would send you a letter  
23 telling you how it came out.

24          Q.     What did this letter tell you?

25          A.     I don't remember right offhand. It didn't  
26 really say much of anything.

27          Q.     How many years ago was this?

28          A.     I think it's been more than five years -- I only

1 got one letter from them.

2 Q. Did the letter not tell you to go to another  
3 doctor for a second opinion?

4 A. No.

5 Q. Have you ever seen a doctor about your shortness  
6 of breath?

7 A. Specifically, no.

8 Q. When did you last have a chest x-ray?

9 A. Gee, I can't remember. I think it was September  
10 of last year, I think it was, September or August.

11 Q. Were you told the results of that chest x-ray?

12 A. No.

13 Q. Where was the x-ray taken?

14 A. At Dr. Hinshaw in San Francisco.

15 Q. But he never told you the results of it --

16 A. No.

17 Q. -- and you don't know the outcome?

18 A. No.

19 Q. Did you have a pulmonary function test?

20 A. No.

21 Q. -- yes.

22 Q. Were you told the results of that?

23 A. I think just in passing he said it was about  
24 normal. I am not exactly sure. It was at the Presbyterian  
25 -- University Presbyterian Hospital or something like that,  
26 San Francisco.

27 Q. Is that where you had that done?

28 A. Yes.

1 MR. DAY: When was this?

2 THE WITNESS: This was about a month after the chest  
3 x-rays.

4 MS. CHABER: He said August or September of '85.

5 MS. STEIN: Q. What did the doctor tell you about the  
6 pulmonary function test?

7 A. Nothing really.

8 Q. Has any doctor ever told you that you should  
9 lose weight, or has your weight ever been a problem?

10 A. Yes. I've had a couple doctors tell me that I  
11 should lose some weight.

12 Q. Would you say that your weight is affecting your  
13 state of health?

14 A. Oh, yes, I would say it probably is, yes.

15 Q. Did you ever see a Dr. Cohlmiä?

16 A. Yes.

17 Q. Do you remember when that was?

18 A. It was about five years ago.

19 Q. Did he tell you --

20 A. He sent me.

21 MS. CHABER: I am going to object to that,  
22 attorney-client privilege.

23 You can find out the time he saw him and what tests  
24 were done.

25 But anything he said between the plaintiff and the  
26 doctor and the doctor and the plaintiff are privileged.

27 MR. DAY: When was Cohlmiä?

28 MS. CHABER: He said about five years ago, I think.

1 Is that what you said?

2 THE WITNESS: Yes.

3 MS. STEIN: Q. Have you ever been convicted of a  
4 felony?

5 A. No.

6 Q. Have you ever been a party to any other lawsuit?

7 A. No.

8 MS. STEIN: I have no further questions at this  
9 point. Thank you.

10 MR. DAY: Could we just take a short break?

11 MS. CHABER: Sure.

12 (Recess taken)

13 EXAMINATION BY MR. DAY

14 MR. DAY: Q. My name is Dennis Day. I represent one  
15 of the defendants.

16 Has any doctor told you that your short-windedness is  
17 caused in whole or part by your being overweight?

18 A. No.

19 Q. Do you feel that being overweight causes in  
20 whole or part your being short-winded?

21 A. Partially, yes.

22 Q. You and your attorney have brought Exhibit A  
23 here, some photographs of products.

24 I would like to go through these products and see  
25 where and when you can identify these products and with what  
26 type of products, were the manufacturers' names.

27 Do you understand?

28 A. I think.

1 Q. The first one is GAF, Vinyl Asbestos floor  
2 tile.

3 A. Yes.

4 Q. What product was that, and where did you see  
5 this?

6 A. Floor tile was put down inside all the ships,  
7 all over the ships, all the time as the ship is nearing  
8 completion of overhaul.

9 Q. Was this at Hunters Point --

10 A. Hunters Point, Mare Island, Norfolk. Every  
11 place I've been.

12 Q. Was floor tile being removed or was it just  
13 being put down?

14 A. Both.

15 Q. Was this the floor tile that was being put down  
16 GAF?

17 MS. VERGES: Objection; vague as to time.

18 THE WITNESS: This was some of the floor tile I saw  
19 being installed.

20 MR. DAY: Q. They used floor tiles on submarines?

21 A. Yes, they do.

22 Q. No. 2, GAF fashioncraft, Vinylflex floor tile.

23 A. Same as the first one.

24 Q. The next one is Eagle-Picher Super 66 insulating  
25 cement.

26 A. The thing that I remember about this particular  
27 product is the Super 66 insulating cement.

28 Q. Is this an asbestos product?

1 MS. CHABER: If you know.

2 THE WITNESS: I don't know.

3 MR. DAY: Q. If you know.

4 A. I don't know.

5 Q. Where was this used?

6 A. Where I remember seeing this was at Hunters  
7 Point.

8 Q. What does the next picture describe? I am not  
9 quite sure --

10 A. It's a block insulation.

11 Q. What is the name of it?

12 A. Griptex.

13 Q. Is this an asbestos product?

14 A. I think it is.

15 Q. Where did you see this?

16 A. This would have been -- I would have seen this  
17 at Hunters Point.

18 Q. You recall seeing it at Hunters Point?

19 A. Yes. I do believe so.

20 Q. Well, you understand, we don't want you to  
21 guess. If you know --

22 A. I'll say yes.

23 Q. Next one is Armstrong custom Excelon tile.

24 A. Same as the first two.

25 Q. Hunters Point, Norfolk and Mare Island?

26 A. Yes.

27 MS. CHABER: He also said everywhere he'd been. I  
28 assume that included Long Beach and Philadelphia.

1 MR. DAY: Q. Is that right?

2 A. Yes.

3 Q. Long Beach and Philadelphia?

4 A. Yes.

5 Q. The next one is also Armstrong Excelon tile.

6 A. Same as the last.

7 Q. Could you describe what the next one is?

8 A. It's a preform packing.

9 Q. What is the manufacturer's name of it?

10 A. I'm sorry. I don't know. The box, I remember  
11 seeing boxes just like that.

12 Q. Preformed packing?

13 A. Yes.

14 Q. What is this used for?

15 A. This could be used for -- or would be used for  
16 packing tubes.

17 Q. Did you use this product?

18 A. I used -- I am not sure if it was this exact  
19 product, but it was a product very similar to this.

20 Q. Did you see this product though?

21 A. I saw this product in packages. But mostly --  
22 not the packages, but mostly on the roll like you see it on  
23 here.

24 Q. Where did you see this --

25 A. At Hunters Point. I didn't see it at the other  
26 places.

27 Q. The top picture on the next one is a gasket?

28 A. Yes. The bottom one is, too.



1 Q. Is it part of the same product?

2 A. I couldn't tell you.

3 Q. The bottom one says "Raybestos-Manhattan"?

4 A. Yes.

5 Q. Where did you see this?

6 A. Hunters Point.

7 Q. The next one is Nicolet, Inc., Amber,

8 Pennsylvania?

9 A. It's a gasket, sheet gasket.

10 Q. Where did you see this?

11 A. Hunters Point.

12 Q. For the entire period?

13 A. At Hunters Point, yes.

14 Q. For the entire time you were at Hunters Point?

15 A. Yes.

16 Q. The next one is Grant Wilson rope packing?

17 A. Yes. It's another packing that would be used,

18 preform type, like the last one.

19 Q. Where did you see this?

20 A. Hunters Point.

21 Q. Next one is Garlock.

22 A. It's a sheet gasket also.

23 Q. Where did you --

24 A. Hunters Point.

25 Q. Next one is John Crane?

26 A. It's a rope packing like the last ones.

27 Q. Where did you see this?

28 A. That would be at Hunters Point, too.

1 Q. You testified that at Hunters Point you worked  
2 with the gaskets, right? Sheet gaskets?

3 A. Yes.

4 Q. Did you cut the gaskets?

5 A. Yes.

6 Q. You did that work in the shop, right?

7 A. The gasket part was done primarily in the shop.

8 Q. You would cut the gaskets or the supply people  
9 would cut --

10 A. No. They'd give it to you in a sheet so you  
11 could cut it. You had to put it on the unit you were  
12 cutting for.

13 MR. DAY: That's all the questions I have right now.  
14 Thank you.

15 EXAMINATION BY MS. VERGES

16 MS. VERGES: Q. Mr. Short, my name is Cynthia Verges,  
17 and I have some questions for you.

18 Did you say that you had been loaned out to Alameda  
19 Shipyard when you worked --

20 A. I have been. I have also worked there as a  
21 supervisor presently.

22 Q. Is this employment that Mare Island sent you out  
23 to do?

24 A. Yes.

25 Q. How long have you worked at Mare Island  
26 recently?

27 A. I have worked at Mare Island --

28 Q. I'm sorry. I mean Alameda.

1 A. Alameda?

2 Q. Yes.

3 A. Only for a handful of days really.

4 Q. Has there ever been a period since you worked at  
5 Mare Island where you've worked at Alameda for more than a  
6 handful of days?

7 A. No.

8 Q. Is there any other shipyard aside from Alameda,  
9 Long Beach and Philadelphia that you've worked for when  
10 you've been employed at Mare Island?

11 A. I've been to Ballast Point -- it's not really a  
12 shipyard -- at San Diego.

13 Q. How long were you there?

14 A. Longest time, I think, was a week.

15 Q. I take it you've been there on a number of  
16 occasions?

17 A. Yes.

18 Q. Do you believe that you were exposed to asbestos  
19 products at that location?

20 A. At Ballast Point?

21 Q. Yes.

22 A. No.

23 Q. How many occasions have you worked at Alameda?

24 A. Three or four occasions I've gone over there.

25 Q. Do you believe that you've been exposed to  
26 asbestos products there?

27 A. Possibility is higher there than it would be at  
28 Ballast Point.

1 Q. What were you doing at Alameda that --

2 A. The people that were working for me were pulling  
3 cables or rearranging wireways and stuff like that.

4 Q. You've testified that some of the products that  
5 you worked with as an electrician contained asbestos, and I  
6 believe you've also testified that you were directly exposed  
7 to the asbestos in those products.

8 Can you tell me how that exposure would come about?

9 A. Just by handling it, cutting it, packing around  
10 cables, things like that. It's just a hands-on exposure is  
11 what it is.

12 Q. For instance, on the wire that contained  
13 asbestos --

14 A. You cut wire in and clean off the insulation so  
15 that you could hook it up, and you would become exposed to  
16 it then.

17 Q. Did that create a lot of dust?

18 MS. CHABER: Objection; vague and ambiguous.

19 You can answer.

20 THE WITNESS: It creates some fibers, but not, I would  
21 say, an exorbitant amount of dust.

22 It depends. Some cables have water-type substance in  
23 it that is kind of sticky, and some don't.

24 MS. VERGES: Q. If it had this water-type substance  
25 in it, it would be less likely to create dust?

26 A. It would be less likely.

27 Q. This electric wire that had asbestos, would the  
28 asbestos insulation be the parts of the wire that was on the

1 outside?

2 A. No. It would be the inside for the most part.  
3 There may have been some on the outside. I'm not  
4 sure.

5 Q. The other product that I recall you talking  
6 about was cable.

7 Can you describe what the cable was like?

8 A. What it was like?

9 Q. Yes, the asbestos-containing cable that you  
10 worked with as an electrician.

11 A. Well, there's hundreds of different types of  
12 cables. I really can't recall specifically what it looked  
13 like.

14 Q. Where would the asbestos be in this cable, this  
15 kind of product, if there's one place where it would be?

16 A. I would think that it would be around the outer  
17 insulation underneath the armor portion. Underneath the  
18 armor there is an outer insulation.

19 I would think that it would be around there and also  
20 around the individual leads inside.

21 There are areas on the submarines and other crafts  
22 that are considered high temperature areas, and these cables  
23 would have been used in those areas to prevent their  
24 insulation from breaking down and falling off of the leads,  
25 thereby exposing the copper.

26 Q. Would there be something, generally speaking,  
27 covering the asbestos?

28 A. Yes. Originally, yes, before you start cutting

1 it in, yes.

2 Q. You were exposed to it when you started  
3 cutting --

4 A. Started cutting it, yes.

5 Q. Would that create dust in the same fashion --

6 A. Like I said, it would bend if it had the stuff  
7 inside that would be a little more water-type. It was dry  
8 inside and some of it wasn't.

9 Q. Compared to the dust that you were exposed to  
10 indirectly from working around ladders and --

11 A. There's no comparison, really.

12 MS. CHABER: Let her finish the question.

13 MS. VERGES: Q. Compared to the dust of the people  
14 that were applying pipe insulation or tearing old insulation  
15 off, would you say that you were exposed to a lot of  
16 asbestos in working with these electrical products?

17 MS. CHABER: Objection; vague and ambiguous.

18 THE WITNESS: I can still answer?

19 MS. CHABER: Yes.

20 THE WITNESS: I would say no, not that much on the  
21 cable.

22 MS. VERGES: Q. You said before there was no  
23 comparison.

24 Can you try and make some sort of comparison in terms  
25 of percentages in, say, the total amount of asbestos that  
26 you were exposed to in your entire career, how much of your  
27 exposure came from direct exposure to electrical products?

28 MS. CHABER: Objections; calls for speculation.

1 THE WITNESS: I really don't know.

2 MS. VERGES: Q. You've identified GAF vinyl asbestos  
3 floor tile as being a product with which you are familiar.

4 Can you tell me when you first saw GAF asbestos floor  
5 tile?

6 A. No, I can't be 100 percent sure when I first saw  
7 it.

8 Q. Can you remember when you first saw it?

9 A. I believe at Hunters Point.

10 Q. What does that look like, GAF vinyl asbestos  
11 floor tile?

12 A. Just like the second page there, it's like that  
13 stuff (indicating).

14 MS. CHABER: The witness is indicating the second  
15 picture.

16 MS. VERGES: Q. It's not apparent to me.

17 Is this --

18 A. It's a striated lighter color on top of a dark  
19 background.

20 MS. VERGES: Q. On the second page, this --

21 A. That tile part down at the bottom.

22 Q. This is an actual tile?

23 A. Yes. Those products they would bring down  
24 inside the boxes.

25 Q. They would bring the GAF floor tile down inside  
26 the boxes? Down where?

27 A. To the boats, inside the boats.

28 Q. Where would you see these boxes?

1           A.     Stacked up outside the compartments, inside the  
2 compartments, emptied off to the side.

3           Q.     Inside what compartments?

4           A.     Any compartments they were putting tile down  
5 in. They put it down in every compartment.

6           Q.     Did you work in every compartment in every ship?

7           A.     Just about, just about.

8           Q.     Do you have a specific recollection of GAF vinyl  
9 asbestos floor tile being put into every compartment in  
10 every ship you worked in?

11          A.     No, not every compartment of every ship.

12          Q.     When you are talking about floor tile, are you  
13 speaking generally or are you speaking specifically of GAF  
14 vinyl floor tile?

15          A.     I specifically remember seeing those boxes there  
16 and Armstrong.

17          Q.     Do you specifically remember seeing GAF vinyl  
18 asbestos floor tile on every ship in which you worked?

19          A.     No.

20          Q.     Do you specifically remember seeing GAF  
21 Vinylflex floor tile in every ship in which you worked?

22          A.     No.

23          Q.     Do you know if GAF fashioncraft Vinylflex floor  
24 tile contains asbestos?

25          A.     I believe it does.

26          Q.     Can you tell me what is the source of --

27          A.     Pardon me?

28          Q.     Can you tell me what the source of that belief?



1 A. The containers, I believe, say so.

2 Q. I can see that now.

3 What color was the GAF tile?

4 A. They'd be -- the ones that I can remember  
5 seeing, they were more than one color. Kind of a light blue  
6 with white, not a real light blue.

7 Then I've seen white with dark colors on it. I've  
8 seen dark green with lighter colors on it. They don't try  
9 to put the same thing totally through the ship unless it's a  
10 small ship, and then they put keep the same color.

11 Q. Did either type of this GAF floor tile, did the  
12 product itself carry the name GAF?

13 A. You mean like on the back of it?

14 Q. Or on the front of it.

15 A. I don't remember seeing it on the back of it.

16 Q. Do you remember seeing it on the front of it?

17 A. No, I don't remember seeing it on the front.

18 Q. What were the dimensions of the GAF floor  
19 tiles?

20 First of all, the vinyl asbestos floor tile.

21 A. I am not sure.

22 Q. Do you remember the dimensions of the  
23 fashioncraft GAF floor tile?

24 A. I think they were a little less than a foot  
25 square.

26 Q. That is the fashioncraft?

27 A. I think all of them were. They are all about --  
28 normal tile size (indicating). Isn't it normally about

1 9 x 9 or something like that? I don't know.

2 Q. You think about 9 x 9 to about 12 x 12?

3 A. Something like that, yes.

4 Q. Was this also true of Armstrong floor tile?

5 A. Yes.

6 Q. Can you describe to me what Armstrong floor tile  
7 looked like?

8 A. Very similar. I don't remember it being  
9 striated like that.

10 Q. If you didn't see floor tile next to a box, was  
11 there any way that you could tell the manufacturer of it  
12 just by looking at the floor tile?

13 A. Seemed to me that Armstrong had something on the  
14 back of their tile.

15 Q. But if you didn't see the back of it, was there  
16 anyway you could tell?

17 A. No.

18 Q. Was there anyway that you could tell who  
19 manufactured the floor tile that was already installed in a  
20 vessel that was being ripped out?

21 A. No.

22 Q. You've testified that you worked on submarines  
23 at Mare Island after about 1978; is that correct?

24 A. (Witness nods).

25 Q. Do they use floor tile in submarines as well?

26 A. Yes.

27 Q. When you said that the workers would bring  
28 materials onto the submarines in green plastic bags instead

1 of boxes, was that also true of floor tile?

2 A. No.

3 Q. They would bring that down in boxes?

4 A. Yes.

5 Q. Do you have a specific recollection of seeing  
6 GAF floor tile on submarines at Mare Island?

7 A. No, not really.

8 Q. Did you work on any other kinds of vessels at  
9 Mare Island?

10 A. At Mare Island? No. It's all submarines.

11 Q. You testified that you worked on aircraft  
12 carriers at Hunters Point; is that correct?

13 A. Yes.

14 Q. Were there any other types of vessels that you  
15 worked on at Hunters Point?

16 A. Couple of diesel submarines that were owned by  
17 the Italians, destroyers, guided missile tour.

18 Q. Any other kinds of vessels?

19 A. I don't remember. They had cruisers there.  
20 Mostly aircraft carriers.

21 Q. Did you work on any other kinds of vessels at  
22 any of your other places where you worked?

23 A. I worked on the PIGEON, which was at Hunters  
24 Point.

25 Q. What kind of vessel was that?

26 A. It's a DSRV, deep submergent vessel or  
27 submarine.

28 I've worked on subtenders, on refrigeration and supply

1 ships.

2 MS. CHABER: You mentioned barges earlier?

3 THE WITNESS: Yes. At Mare Island I work on barges.  
4 They didn't have the ship marked.

5 MS. VERGES: Q. Did they use floor tiles on barges?

6 A. Yes.

7 Q. Do they use it in any particular compartment or  
8 all the way through?

9 A. Mostly on the main deck of the barge, the upper  
10 areas, officer areas and sleeping areas.

11 Q. But there would be parts of the barge where they  
12 didn't use floor tile?

13 A. Yes.

14 Q. Was it also true in refrigeration or supply  
15 ships?

16 A. Yes.

17 Q. Is it also true that there would be areas of the  
18 ship where they wouldn't use floor tile on a subtender?

19 A. Yes.

20 Q. Would that be true on the DSRV?

21 A. An all of them.

22 Q. On all of the types of vessels we've mentioned?

23 A. Yes.

24 Q. Can you tell me how you would be exposed to  
25 asbestos indirectly from floor tile?

26 A. I would assume that fibers are released during  
27 the cutting of it.

28 Q. You've witnessed cutting of floor tile?

1 A. Yes.

2 Q. Does that create visible dust?

3 A. Not that I am aware of, no.

4 Q. In your own opinion, do you believe that you  
5 were exposed to more asbestos through the application and  
6 tear-out of, say, pipe insulation than you were to through  
7 the application and tear-out of vinyl asbestos floor tile?

8 MS. CHABER: This is totally his own opinion based on  
9 no scientific or expertise.

10 MS. VERGES: His work experience.

11 THE WITNESS: I don't know. I would think a little  
12 more by the removal of the lagging from piping.

13 MS. VERGES: I don't think I have anything further.

14 FURTHER EXAMINATION BY MR. DAY

15 MR. DAY: Q. Do you recall any Johns-Manville  
16 products?

17 A. Not specifically, no.

18 Q. Well, do you recall any generally Johns-Manville  
19 products?

20 MS. CHABER: You mean Johns-Manville asbestos  
21 products?

22 MR. DAY: Asbestos products.

23 THE WITNESS: To tell you the truth, I can't say that  
24 I do.

25 MR. DAY: Q. Going back to Exhibit A, and turning to  
26 Nicolet, which is near the end, do you have that in front of  
27 you?

28 A. Yes, I do.

1 MS. CHABER: That's picture No. 9.

2 MR. DAY: Q. Is this an actual picture of a sheet?

3 A. Yes, it looks like it.

4 Q. Do you recall actually cutting this sheet, a  
5 sheet of Nicolet?

6 A. I remember seeing sheets like this. I do not  
7 actually recall cutting a sheet of it.

8 Q. You don't recall cutting a Nicolet sheet gasket,  
9 right?

10 A. Not right offhand, no.

11 Q. How do you feel you were exposed to asbestos by  
12 cutting gaskets from sheets?

13 A. Cutting it, I assume, would allow the fibers to  
14 be released as you cut it.

15 There are other ways of forming a gasket, too.

16 You can put it on something and you hammer on it to  
17 get an outlined impression of what you want.

18 And then you cut it. I assume that would do it, too.

19 Q. Were there fibers thrown off?

20 MS. CHABER: That he could see?

21 MR. DAY: Yes.

22 THE WITNESS: I don't think I saw any fiber cut off.

23 MR. DAY: Q. You said you recall Nicolet sheet  
24 gaskets at Hunters Point.

25 Do you recall when you first saw them at Hunters  
26 Point?

27 A. Would have been sometime during my  
28 apprenticeship, say about '68, '69.

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Q. Do you recall when you last saw that?

A. I haven't seen any since I left Hunters Point.

MR. DAY: Thank you.

---

SIGNATURE OF WITNESS

1 STATE OF CALIFORNIA )  
2 ) ss.  
3 COUNTY OF ALAMEDA )  
4

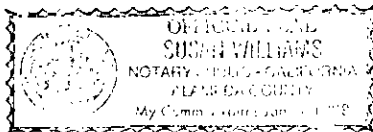
5 I, SUSAN WILLIAMS, a Notary Public in and for the  
6 County of Alameda, State of California, do hereby certify:

7 That JAMES SHORT, in the foregoing deposition named,  
8 was present and by me sworn as a witness in the  
9 above-entitled action at the time and place therein  
10 specified;

11 That said deposition was taken before me as a Notary  
12 Public at said time and place, and was taken down in  
13 shorthand by me, a Certified Shorthand Reporter of the State  
14 of California, and was thereafter transcribed into  
15 typewriting, and that the foregoing transcript constitutes a  
16 full, true and correct report of said deposition and of the  
17 proceedings which took place;

18 IN WITNESS WHEREOF, I have hereunder subscribed my  
19 hand and affixed my official seal this . day of August  
20 1986.

21  
22 *Susan Williams*  
23 SUSAN WILLIAMS, CSR NO. 4784  
24 In and for the County of Alameda  
25 State of California





STATEMENT OF CHANGES  
RE  
DEPOSITION

SEP 12 1986

DEPOSITION OF: JAMES SHORT

DATE DEPOSITION TAKEN: 7/15/86

CASE NAME: V. RAYBESTOS-MANHATTAN

COURT: S.F. SUPERIOR

ACTION NO.: 798 751

In order to make this deposition more nearly conform to the facts, I wish to make the following changes:

<u>PAGE</u>	<u>LINE</u>	<u>NOW READS:</u>	<u>SHOULD READ:</u>
<u>- 6</u>	<u>12</u>	<u>NO.</u>	<u>YES. MY WIFE.</u>
<u>- 9</u>	<u>24 &amp; 25</u>	<u>STATEMENT READS ALRIGHT</u>	<u>ADD "BALTIMORE, MARYLAND"</u>
<u>- 11</u>	<u>8</u>	<u>(WITNESS NODS HEAD)</u>	<u>YES.</u>
<u>- 19</u>	<u>21</u>	<u>"PHIL WARTUM, FRED CHERRY"</u>	<u>"PHIL WARDA, FRED SHERRY"</u>
<u>- 19</u>	<u>22</u>	<u>"REMEMBER HIS LAST NAME."</u>	<u>"REMEMBER HIS FIRST NAME."</u>
<u>27</u>	<u>18</u>	<u>"NORFOLK I WORKED QUITE ON A DIFFERENT FEW"</u>	<u>"AT NORFOLK, I WORKED ON QUITE A FEW DIFFERENT ONES"</u>
<u>27</u>	<u>8</u>	<u>THOSE DAYS</u>	<u>THOSE YEARS</u>
<u>27</u>	<u>27</u>	<u>TOE</u>	<u>TOY</u>
<u>43</u>	<u>20</u>	<u>NO</u>	<u>YES</u>
<u>59</u>	<u>26</u>	<u>DEEP submergent VESSEL OR</u>	<u>DEEP submergent RESCUE VESSEL FOR</u>

DATED THIS 8<sup>TH</sup> day of SEPTEMBER, 1986.

  
(Signature)

JAMES SHORT vs. RAYBESTOS-MANHATTAN, et al.,

Depo Summary of James Short  
Taken July 15, 1986 By MC, PQ & JS  
Matter No. 798751  
Examination by Ms. Stein

<u>Page</u>	<u>:</u>	<u>Line</u>	<u>Summary</u>
5	:	6-28	Basic Ground Rule of the deposition.
6	:	2	Witness has never been involved in trial or a hearing nor has he taken any medication presently or within the past months.
6	:	11	Witness has not spoken to anybody else besides his attorney about the deposition.
6	:	17	Witness has reviewed some papers and documents and records and correspondence with the Cartwright office prior to the deposition.
6	:	25	Witness did not bring any employment or social security records to the deposition.
7	:	1	Witness lives at 1417 Pelican Way, Suisun City, California.
7	:	4-6	Witness owns the house and makes monthly payments of \$787.00.
7	:	8	Witness was born in Nashville, Tennessee on July 10, 1946.
7	:	12	Witness social security number is 552-68-6561.
7	:	14	Witness attended a year and one half of college at the University of Pacific in Stockton, California.
7	:	19	Witness is married; He was married on April 2, 1971.
7	:	23	Witness has no previous marriages.
7	:	26	Witness wife was born on September 15, 1952.
7	:	28	His wife is employed.
8	:	2	Witness wife works at U. S. Department of Agricultural in Albany, California.
8	:	4	Witness wife is presently in a good state of health.

Here Ms. Chaber of Cartwright's objected to the question and agreed with counsel Stein to stipulate that all questions with respect to health or cause of death are objected to as calling for a medical opinion.

<u>Page</u>	<u>:</u>	<u>Line</u>	<u>Summary</u>
8	:	13	Witness has two children.
8	:	17	Witness eldest child is Jason Short and his age is 10.
8	:	18	Witness second child is Joel Short and his age is 6.
8	:	22	Both children appear to be in good health.
8	:	26	Noone else lives with his wife and two children at the address given today.
9	:	1	Witness supports no one other than his immediate family.
9	:	3	Witness does not know his natural parents but his adoptive parents are both living.
9	:	7	Witness does not know if he has any natural brothers or sisters.
9	:	15	Witness was last in school at the University of Pacific in Stockton.
9	:	21	Witness moved to California in 1957.
9	:	24	Before moving to California Witness lived in Amarillo Texas and Lincoln Nebraska and cannot recall addresses before that.
9	:	28	Witness first job here in California was in Oakland for Manpower, Inc.
10	:	2	Witness worked for Manpower beginning in later part of 1965.
10	:	8	Prior to working for Manpower witness worked for a month or so for J. C. Penneys.
10	:	10	Witness considers his first job the one with Manpower in 1965.
10	:	13	Witness was a laborer.
10	:	15	Witness unloaded trucks, stocked warehouses.
10	:	18	Witness handled electric motors and electrical parts, sometimes large refrigerators. Job consisted most with taking stuff off of trucks, delivering it and leaving.

<u>Page</u>	<u>: Line</u>	<u>Summary</u>
10	: 24	Witness does not claim any asbestos exposure at that job.
10	: 27	Witness left that position in 1966.
11	: 1	Witness next position was with the Federal Government at Hunters Point Naval Shipyard.
11	: 4	Witness was an apprentice electrician. He held that job for four years until 1970.
11	: 11	After that witness was a journeyman electrician until 1973 when the shipyard closed.
11	: 14	In 1973 witness worked for a year at Norfolk Naval shipyard, Norfolk, Virginia as a journeyman electrician.
11	: 18	After the year with Norfolk, witness returned to Mare Island Naval Shipyard and has been working there every since.
11	: 20	Witness is presently a supervisor; held that position for approximately five years (1981).
11	: 26	Witness has never been in the military.
12	: 1	As a journeyman electrician witness pulled cable, packed tubes, installed lighting circuits, power distribution circuits, cut in and hooked up all kinds of equipment.
12	: 4-7	The list is fairly comprehensive. Pretty basic.
12	: 10	On some occasions witness worked with gaskets and there was direct exposure here with asbestos and this was an asbestos product. There were also some cables that had asbestos insulation inside of them.
12	: 14	The gaskets were flat and brownish tan with different product names that you would cut out. The gaskets would come in large sheets that could be cut into large or small gaskets.
12	: 22	Witness would be given gasket sheets as needed from store supply and not in a package.
12	: 26	One of the names that witness recalls is Garlock.
13	: 1-5	Picture of the Garlock gaskets are marked as Exhibit 1.

<u>Page</u>	<u>Line</u>	<u>Summary</u>
13	: 10	The name was stamped on with a black stamp.
13	: 15-17	Witness does not recall names of other gaskets.
13	: 21	The cable was asbestos insulation was marked with a little white strip down the middle with the names of the company written on them. Witness cannot recall any of the names.
13	: 26-28	Witness was usually given the insulated cables without any packaging. The cable was cut off and provided in length as ordered. To the witness's knowledge the gaskets, cables and some tubing for the cable were the only products used that contained asbestos.
14	: 16	The witness cannot recall any of the names of the tubing used for the cable.
14	: 23	Tubing came in varying sizes for approximately 1 inch to 5 inches in diameter.
14	: 25-28	Witness job function did not change much or at all when he moved from apprentice electrician to journeyman electrician.
15	: 3	Witness worked with the same products as a journeyman electrician.
15	: 4	Witness worked as a journeyman electrician from 1973 when Hunters Point closed.
15	: 8	At Norfolk Naval Shipyard in Virginia, witness worked for Shop 99 supplying temporary poer for different services throught the boat: ventilation, lighting, etc. Witness was not involved in supplying the water and air part of the system.
15	: 17	At Norfolk, witness recalls dealing with strip heaters; This was an asbestos product. Strip heaters are used to preheat metals for welding.
15	: 19	At Hunters Point witness used 440 type strip heaters that came with regular cord. At Norfolk witness used separate wires and they were all asbestos covered wires because they would wind up lying on the heated areas.
15	: 25	The wires used were connected to the strip heater.
16	: 1	Witness does not recall any manufacturers I. D.'s on those wires.
16	: 3	Witness worked with those wires rather than replacing or removing them.

<u>Page</u>	<u>: Line</u>	<u>Summary</u>
16	: 5	The wires were just a conductor inside a white fibrous wrapping on the outside; witness recalls that the wrapping was about the 16th or 37nd of an inch thick.
16	: 14	Witness does not recall any other asbestos products he worked with.
16	: 18	Witness was indirectly exposed to asbestos products while working at Hunters Point.
16	: 20	Those products included lagging from pipes and insulation from bulk heads.
16	: 23-28	Witness was exposed because he would be part of a group effort that would go into a compartment to rip out the whole compartment and replace everything in it. Others would be removing the pipe lagging and burning out holes and old tubes and stuff like that.
17	: 1-7	Witness was on the ship about 90 to 95% of the time and in the shop for about 5% of the time.
17	: 11	The indirect exposure was predominantly on the boat, the direct exposure was probably a little more in the shop than it was in the boat.
17	: 17	Witness estimates that direct exposure to the gaskets, asbestos products would be about 75% of the time.
17	: 21-28	Ms. Chaber clarifies the percentages. He has testified that he spent 90 to 95% of his time on a ship and about 5% of his time in the shop. Witness direct exposure occurred most frequently in the shop and is about 75% compared to onboard ship. Therefore that would be 75% direct exposure of the 5% time he spent in the shop.
18	: 8	Witness direct exposure with asbestos onboard ship would have been the tube packings and the cutting end of cables that had asbestos inside of them. Not all of them had asbestos and I have no idea of which ones did.
18	: 18	While witness worked on the ship he worked with these asbestos products approximately 60 to 70% of the time.
18	: 23	Witness was indirectly exposed to the lagging from the pipes and insulation from the block while he was on the ship.
18	: 28	witness did not wear a mask while working at Hunters Point.
19	: 1	Witness did not wear a respirator.

<u>Page</u>	<u>: Line</u>	<u>Summary</u>
19	: 4	There were safety meetings.
19	: 7	The subject of asbestos was never raised at the safety meetings.
19	: 8	Witness recalls some of his co-workers as the following: Robert W. Charles of San Francisco, Joe Urbinia from San Francisco and Edward Perez of Suisun.
19	: 19	The following is a list of supervisors that witness can recall from Hunters Point: Vince Celia, Phil Wartum, Fred Cherry, Kenny Allen, Jorganson with no last name that witness can remember, and James Baise.
19	: 27	Witness was in contact with welders.
20	: 2	Witness was in contact with welders on the ship.
20	: 3	Witness was in contact with grinders, metal workers, painters, sandblasters, ladders, pipefitters.
20	: 15	Counsel now refers back to Norfolk, Virginia Job.
21	: 21	Witness does not recall any other asbestos related products other than the strip heaters. (these were products he was exposed to directly.)
20	: 26-28	Indirectly witness was exposed to same products he was exposed to at Hunters Point: lagging, floor tiling, and the insulation on the bulk heads.
21	: 8	Witness indicates that he picked out and identified some of the products by site, especially the floor tiles.
21	: 10-14	The lagging and the blocks witness was exposed to were usually brought in bags and not identified.
21	: 19	Witness I.D. of tiles as GAF and Armstrong.
21	: 22	At Norfolk Witness was onboard ship 100% of the time.
21	: 24-26	Witness did not work at any particular area more than any other.
22	: 1	Witness did not wear a mask or a respirator.
22	: 5	Witness did attend safety meetings. Question of asbestos was not raised however.

<u>Page</u>	<u>:</u>	<u>Line</u>	<u>Summary</u>
22	:	8	Witness did not notice any markings on any packages or boxes.
22	:	13	Witness cannot remember any of the names of co-workers, supervisors at Norfolk.
22	:	16	After Norfolk, witness returned to Bay Area and worked at Mare Island.
22	:	21	At Mare Island witness became an inspector in code 1390 in 1977 or 1978.
22	:	25	Witness was an electrical inspector in nuclear systems. These inspectors checked the finished product.
23	:	4-5	From 1973 to 1978 Witness work remained very similar to what he had done at Hunters Point.
23	:	12	Witness does not recall names of any other asbestos products he worked with during the five years at Mare Island (direct exposure).
23	:	13	Witness also worked around ladders, pipefitters at Mare Island.
23	:	18-23	At Mare the products would be brought down out of their packages or bags so it is difficult to identify them.
23	:	26	Witness is referring to the green plastic bags with no identification on the outside of the them.
24	:	1-2	The products contained in the green bags were used for lagging or whatever.
24	:	5	In 1978 witness became an inspector on nuclear submarines.
24	:	8	As an inspector witness spent about 50% of the time on submarines.
24	:	11	The rest of the time he spent in the shop.
24	:	13	Witness held this job on and off for three years beginning in 1978.
24	:	15-19	During the period from 1978 to 1981 witness was subjected to indirect asbestos exposure.
24	:	22	As an inspector witness did not work directly with any asbestos products during that time.
24	:	24	Witness did wear a mask at Mare Island.



<u>Page</u>	<u>: Line</u>	<u>Summary</u>
24	: 25-28	Witness wore this mask before he was an inspector in 1977 and 1978.
25	: 2-3	Witness wore one of the little white mask.
25	: 7-9	Witness wore a respirator during the nuclear or radiological training-type experience.
25	: 12	The device used to train for protection on air-borne contamination.
25	: 15	Witness did this on only one occasion.
25	: 19-22	Witness remembers the only occasion wearing the white mask was on a barge while he was installing many lights and there was a lot of welding. It was just a little too smokey.
25	: 24	Witness wore the mask for the welding fumes.
25	: 26	This is the only occasion witness recalls wearing a mask.
26	: 1	Witness was exposed to radiation.
26	: 6	Witness wore radiation badge that was monitored regularly.
26	: 11	Witness was never told that he had too much exposure to radiation.
26	: 13	In 1981 witness became the supervisor.
26	: 14-19	As a supervisor witness spent most of the time in the office and was sometime spent onboard monitoring jobs. Percentage would be 60% in the office and 40% on the boat.
26	: 21	This is witness present position.
26	: 25	Witness does not work directly with any products as a supervisor.
27	: 1-3	From 1981 to the present witness employer has done a good job of eliminating indirect exposure; done a good job of keeping workers out of the areas when they are removing the stuff now or putting it on.
27	: 5	Witness does not think that he had much indirect exposure between 1978 and 1981.
27	: 12	Counsel now refers to work at Hunters Point. Witness recalls working on the ships Edison, Oriskany, the Enterprise, the Hancock and the Coral Sea; Witness also thinks he saw a couple of other ones too.

<u>Page</u>	<u>: Line</u>	<u>Summary</u>
27	: 18	At Norfolk witness worked on a few different ships. Witness recalls the Ranger, the biggest one there; It was an aircraft carrier.
27	: 23	At Mare Island witness worked exclusively only on submarines since 1973. Witness has worked more on submarines than on surface crafts. (Witness did work on some surface crafts at Alameda or TDI on some other shipyard.
28	: 3	Witness has also worked on the following ship yards: Long Beach Naval Shipyard sometime in 1977 or 1978, the other one is Philadelphia Naval shipyard in 1984.
28	: 10	Witness is a member of the Federal Managers Association. That is a union.
28	: 14	Witness became a member of that union in 1981. He was not a member of the union prior to 1981.
28	: 25	Witness worked at the Long Beach Shipyard for about 40 days.
28	: 27	Witness ripped out a ventillation system and installed a new one. He helped Shop 17 do that.
29	: 3	Witness does not recall or know of working directly with any asbestos products on that job.
29	: 4	When witness worked at the Philadelphia shipyard he was a supervisor; They were ripping out and replacing galley range systems in four different galleys.
29	: 10	Witness worked there for about a month and one-half.
29	: 13	witness is not sure if there was any exposure during that period.
29	: 17-19	Witness does not recall any other jobs that he has ever performed where he might have been exposed to asbestos prodjcts.
29	: 22	Witness has never remodeled his home but he has put some things in.
29	: 24	Witness did not work with asbestos products while doing work on his house.
29	: 26-27	Witness does not work on his own car.

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- 30 : 1 Witness does have a furnace in his home. He has never worked on it.
- 30 : 6 Witness first became aware of asbestos hazards during the period at Mare Island about 1977 or 1978.
- 30 : 9-10 Witness became aware because they started closing off large areas of the boat to remove asbestos lagging and pipes. They wouldn't allow any other shops in there besides shop 64.
- 30 : 15 Prior to 1978, witness did not become aware from any other sources of asbestos hazards.
- 30 : 20 After 1977 or 1978 witness read about asbestos hazards in newspapers, at safety meetings and what they called OSHA Grams.
- 30 23-28 Witness recalls a disclaimer at the bottom of the ocean grams indicating that it is hazardous to your health and that to avoid the areas that have been roped off. Now they enclose them, like in a bag and you can't get to them unless you are actually going to be doing work on it.
- 31 : 1-3 Witness considers exposure has decreased significantly since 1977 and 1978.
- 31 : 5 Witness thinks the exposure has decreased about 95%.
- 31 : 7-9 Witness has filed a workers comp claim.
- 31 : 10-13 Witness does not recall the year exactly but he got a burn on the back of his hand while working as a volunteer fireman for the El Sobrante Fire Department.
- 31 : 17 Witness thinks but is unclear that it was 1969 or 1970.
- 31 : 23 Witness now recalls that it must have been 1971 or 1972 when he filed a workers claim.
- 31 : 27-28 As a volunteer fireman worker put out grass fires and had a few structure fires.
- 32 : 1-2 witness was never in a position where he inhaled smoke and had to be treated medically.
- 32 : 4 Besides the burn to witness hand, there were no other physical problems.
- 32 : 9 Witness was paid \$104.00 for the workers comp claim and there have been no other claims since.

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32 : 14-17 Witness plans on retiring in August of 2001 after he puts his 35 years in. He will turn 55 then.

32 : 19 Retirement at 55 is witness's present plan but that's 15 years from now.

32 : 25 Witness present income is approximately \$40,000.00 per year.

32 : 28 Witness wife contributes about \$14,000.00 a year.

33 : 2 Witness wife name is Ann.

33 : 4-11 Witness family receives no other source of income from properties, interests, stocks or bonds.

33 : 16 Witness likes to ski a little bit, that is, snow ski.

33 : 18 Witness also does some minor hiking like walking to the Beach or along the beach, but no real physical stuff.

33 : 23 Witness used to job a few years back but he stopped.

33 : 26 witness believes it was a little too much on him.

33 : 28 Witness is 6 feet tall.

34 : 3 Witness weighs approximately 290 lbs.

34 : 6-7 Witness gained somewhere around 50 pounds last year. That is within the last year.

34 : 11 The reason for the weight gain is that witness injured his back a couple of years ago; he had been loosing quite a bit weight when he injured his back.

34 : 15 Witness is afraid to do too much that would help me lose weight because it's constantly bothering me. (I think he is referring to his back.) Witness has not done a lot of exercise.

34 : 18 Before witness injured his back he weighed approximately 235 lbs.

34 : 21 Witness has been overweight all of his life.

34 : 23 Witness injured his back stepping off a step at work incorrectly.

34 : 27 Witness did not file a workers compensation claim.

35 : 1 Witness injured his back approximately two years ago.

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- 35 : 2-10 Witness can't do as much as he used to do; Witness used to be able to run up steps and can't do that easily anymore. Witness used to feel that if he ran up the stairs it would be easier but he would have to stop a few minutes before carrying on.
- 35 : 13 Witness has to stop and wait after about one or two flights of stairs.
- 35 : 14-16 Witness indicates that this is after walking he feels short of breath.
- 35 : 19-21 On a level surface witness can probably walk about a mile and he would notice that he would be breathing harder.
- 35 : 24 Witness has no other complaints at the present.
- 35 : 26 Witness back does worry him.
- 35 : 28 Witness back is always hurting him when he is trying to live with it.
- 36 : 4-7 Witness has not be informed specifically or conclusively about the specifics about the back injury. Witness has not been told anything other than he hurt his back.
- 36 : 8-10 The treatment prescribed for witness back is essentially been rest; On two occasions had to take off from work for two weeks to spend almost all of the time on his back.
- 36 : 12 On both occasions witness was off for two weeks.
- 36 : 14 Witness injured his lower back.
- 36 : 17-18 Other than colds, witness has not missed work in the last five years.
- 36 : 22-23 Witness personal opinion is that his shortness of breath is related to asbestos exposure.
- 36 : 26 No doctor has told witness that the relationship exist between the breath and the asbestos exposure.
- 36 : 28 Witness has never suffered from ammonia.
- 37 : 1-24 Witness has not been exposed or suffered from the following: TB, pleurisy, asthma, bronchitis, emphysema, any allergies, hayfever, arthritis, heart disease, cardiovascular problems, broken ribs, broken bones.
- 37 : 26-27 Witness was hospitalized when he was younger for an ear infection.

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38    : 1            Witness has not been hospitalized since then either.

38    : 6-7          Most of the doctors witness has seen in the last ten years have been at Kaiser.

38    : 9-12        Witness has visited the last ten years the following Kaiser facilities: Vallejo, Fairfield, Oakland and then Richmond.

38    : 15          witness does not have a regular family doctor.

38    : 19          Witness has dealt with the Dr. VanDerby at the Richmond Kaiser on a regular basis. Witness would see him exclusively for a while many years ago.

38    : 23-28      Witness visits primarily the Kaiser facility in Fairfield and sees whichever doctor he is assigned to when he goes.

39    : 3            Witness has been to Kaiser for his back, flus or coughs, and has had strep throat once.

39    : 6-9          Witness does not have any doctors appointments scheduled in the near future but his wife is trying to get him into a multi-phasic or something like that.

39    : 13          Witness drinks beer and wine.

39    : 16-17      Witness estimates maybe three or four bottles of beer and/or wine per week.

39    : 20-23      Witness has followed this drinking pattern for the last four or five months. Prior to that he was drinking maybe a six pack of beer or six glasses of wine per week. Does not consider himself a big drinker.

39    : 26          Witness in no stage of his life drank more than that.

39    : 28          Witness does not smoke.

40    : 2            Witness has smoked in the past.

40    : 6-7          Witness stopped smoking about 6 or 7 years ago.

40    : 9-10        Witness began smoking when he was 20 years old while he was working at Hunters Point.

40    : 12-15      When witness began smoking it was about a half a pack a day. At the end he was smoking from 20 to 30 cigarettes a day.

40    : 16-18      witness stopped smoking in 1978 on a bet with some friends.

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- 40 : 23 Cigarettes made witness's colds last longer.
- 40 : 24-26 Witness did not develop a cough while he was smoking.
- 41 : 4 Witness personal opinion is that the cigarettes may have been a cause of his shortness of breath.
- 41 : 6 witness was aware of the warning on cigarette packages.
- 41 : 8 Witness does not know when they started the cigarette warnings on the packages.
- 41 : 10 Witness wife does not smoke. She has never smoked.
- 41 : 13 Witness has never smoked cigars; pipes; chewed tobacco.
- 41 : 21-23 In the last ten years witness has not been away from work other than for the back injury and common colds.
- 42 : 1-4 Witness does not know if the asbestos related problems may have kept him away from work longer than usual or may have aggravated the cold. Witness does not know for sure.
- 42 : 6-8 When witness had a cold he would try not to be away from work for more than two or three days.
- 42 : 11 When witness visits Kaiser he has to pay a premium and a visit charge (these were the extent of his medical expenses.)
- 42 : 14-18 Witness is subject to medical screening each year at Mare Island.
- 42 : 19-23 Each year witness receives a letter with the results. They would take chest x-rays each year and send you a letter with the results.
- 42 : 25-26 Witness does not recall off hand but the letter didn't say much of anything.
- 42 : 28 Witness believes it has been more than five years since he received a letter. He only received one of them.
- 43 : 4 The letter did not inform witness or tell him to go see another doctor for a second opinion.
- 43 : 7 Witness has not seen a doctor specifically about his shortness of breath.

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43 : 9 The last chest x-ray witness underwent was last September or August.

43 : 12 Witness was not told the results of chest x-rays.

43 : 14 The x-ray was taken by Dr. Hinshaw in San Francisco.

43 : 15-18 Witness was not told the results and he does not know the outcome.

43 : 21 Witness had a pulmonary function test.

43 : 23 Witness recalls in passing that the results were normal, but he was not exactly sure. The tests were taken at the Presbyterian University Presbyterian Hospital in San Francisco.

44 : 1-5 The pulmonary function test was taken about a month after the chest x-rays in August or September of 1985.

44 : 6-7 The doctor did not tell him much about the pulmonary function test results.

44 : 10-11 A couple of doctors have told witness that he should lose some weight.

44 : 14 Witness thinks that his weight has adversely affected his state of health.

44 : 15-18 Witness recalls seeing Dr. Cohlma about five years ago.

44 : 21-26 Ms. Chaber objects to disclosure of information divulged between the doctor and the witness as being protected by the attorney client privilege.

45 : 3-5 Witness has never been convicted of a felony.

45 : 7 Witness has never been a party to any other lawsuit.

45 : 13 Examination by Mr. Day.

45 : 18 Witness has never been told by any doctor that his short windedness is caused in whole or in part by his being overweight.

45 : 19-21 Witness feels that his being overweight cause in whole or in part his short windedness. (witness says he believes it's partially responsible.)

45 : 24-28 Counsel Mr. Day asked the witness to identify products represented in Exhibit A.



<u>Page</u>	<u>: Line</u>	<u>Summary</u>
46	: 1	Witness identifies GAF and Vinyl asbestos floor tile.
46	: 6-8	Witness indicates that floor tile was put down inside of all ships and is used all over the ships during overhauls.
46	: 10-11	Witness indicates that this tile was used at Hunters Point Mare Island in Norfolk.
46	: 14	This floor tile was being both removed and placed in the ship.
46	: 19	Witness indicates that GAF brand floor tile was used while witness was working.
46	: 20	Witness indicates that these floor tiles were used on submarines; They used No. 2 GAF, Fashion Craft, Vinylflex floor tile.
46	: 14	Witness next indicates Eagle-Picher Super 66 insulating cement.
47	: 2	Witness is unsure if Super 66 is an asbestos product.
47	: 6	The Super 66 was used at Hunters Point.
47	: 10-12	Witness next identifies Griptex block insulation.
47	: 14	Witness believes that this is an asbestos product.
47	: 16	Witness saw this product used at Hunters Point.
47	: 22	Witness affirms this block insulation used at Hunters Point.
47	: 23	Witness next identifies Armstrong Custom Excelon tile.
47	: 26	Witness says that the products that were used at Hunters Point, Norfolk and Mare Island.
48	: 2	Witness says that this Excelon tile was also used at Long Beach and Philadelphia.
48	: 4-6	Witness identifies the next picture as also being Armstrong Excelon tile and used at all the same places as above.
48	: 8	Witness next identifies pre-formed packing.
48	: 10-13	Witness cannot identify the manufacturers name but recalls seeing boxes just like it.
48	: 16	This Excelon tile was used for packing tubes.
48	: 19	Witness is not sure if he used the exact product but at least one that is very similar.

<u>Page</u>	<u>:</u>	<u>Line</u>	<u>Summary</u>
48	:	21	Witness identifies the product as being one he saw in similar packages but mostly "on the roll like you see it here."
48	:	25	Witness only saw this product used at Hunters Point.
48	:	27-28	Witness identifies the next two pictures as being gaskets.
49	:	1-2	Witness does not know if the two gaskets are part of the same products.
49	:	3-6	Witness identifies the bottom picture or product as Raybestos Manhattan and he saw this used at Hunters Point.
49	:	7-11	The next product identified is Nicolet, Inc., Amber, Pennsylvania a sheet gasket; this product was used at Hunters Point.
49	:	12-13	This product was used at Hunters Point for the entire period witness was working there.
49	:	16-20	Witness next identifies Grant Wilson Rope packing as packing that would be used or came pre-formed; Witness identifies this product as being used at Hunters Point.
49	:	21-22	Witness identifies the next product as Garlock Sheet Gasket.
49	:	24	This sheet gasket was used at Hunters Point.
49	:	25-28	Witness identifies the next product as John Crane; It's rope packing like the last one identified and it was used at Hunters Point.
50	:	1-3	Witness affirms that he had worked at Hunters Point with sheet gaskets.
50	:	4-5	Witness cut the gaskets.
50	:	6-7	The gasket cutting was done in the shop where primarily in the shop.
50	:	9-14	The supply person would give witness the sheets and witness would then cut the sheets or cut the gasket sheets to his size.
50	:	16	Examination by Ms. Verges.
50	:	17-21	Witness was loaned out to Alameda Ship yard and also worked there as a supervisor.
50	:	22-24	Witness was assigned to this employment at Alameda through his work at Mare Island.
51	:	1-3	Witness only worked at the Alameda Facility for a handful of days recently.

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- 51 : 4-7 Witness has not worked at Alameda for more than a handful of days since he began working at Mare Island.
- 51 : 11-13 Since witness has been employed at Mare Island he has also worked at Ballast in San Diego in addition to the shipyards at Alameda, Long Beach, Philadelphia and Mare Island.
- 51 : 14 The longest period witness was at Ballast Point was about a week.
- 51 : 17 Witness worked at Ballast Point for about a week on several occasions.
- 51 : 21 Witness believes he was exposed to asbestos products at Ballast Point.
- 51 : 24 Witness has worked at Alameda on three or four occasions.
- 51 : 27-28 Witness believes that the possibility of asbestos exposure at Alameda is higher than at Ballast Point in San Diego.
- 52 : 1-3 At the Alameda facility witness had people working for him pulling cables or rearranging wire waves.
- 52 : 4-11 While witness worked as an electrician he was directly exposed to asbestos and the products he worked with by handling, cutting and packing cables. He was hands on exposure.
- 52 : 15-17 Witness gives an example of having to cut wire end and clean off the insulation so that you could hook it up. The workers would be exposed at that point.
- 52 : 21 After objection as to vagueness by Ms. Chaber, Witness indicates that this procedure creates some fibres but not an exorbitant amount of dust.
- 52 : 22-23 Some of the cables had water pipes substance that was kind of sticky and some didn't.
- 52 : 26 The water type substance was less likely to create dust.
- 53 : 2-3 Electric wire had asbestos insulation on the inside for the most part. There may have been some on the outside but witness was not sure.
- 53 : 5-13 Witness indicates there were hundreds of different types of cable or asbestos containing cable that he worked with as an electrician.
- 53 : 16-18 The asbestos insulation on these cables would be underneath the outer armor portion or protection. There was also insulation around the individual leads inside the cable.

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- 53 : 26-28 There was generally speaking some covering over the asbestos before witness began cutting into the cable.
- 54 : 2-4 Witness was exposed to the asbestos insulation once he started cutting the cable.
- 54 : 5-11 Witness indicates that cutting this wire did not create the type of dust that he was exposed to indirectly from working around ladders.
- 54 : 20-21 Witness indicates that he doesn't think he was exposed to a lot of asbestos while working on the cables.
- 55 : 1 Witness does not know or cannot indicate the percentage of exposure he got from electrical products.
- 55 : 9 Witness believes the first time he saw GAF asbestos floor tile was at Hunters Point.
- 55 : 10-15 Witness points to the second picture in Exhibit A which says GAF vinyl asbestos floor tile is represented on that page.
- 55 : 18-19 Witness says it's a striated lighter color on top of a dark background.
- 55 : 23 Witness indicates that the picture represents an actual tile.
- 55 : 25-27 These products such as the GAF floor tile were brought down inside boxes to the boats.
- 56 : 1-2 Witness would see the tile boxes inside compartments and emptied out outside the compartments and emptied off to the side.
- 56 : 5-7 These boxes were used where we're seeing in every compartment on this ship or any place tile was being placed.
- 56 7-8 Witness worked in every compartment in every ship.
- 56 : 11 Witness does not have a specific recollection of GAF Vinyl Asbestos Floor tile being put into every compartment of every ship.
- 56 : 14-15 Witness specifically remembers seeing GAF and Armstrong Vinyl Floor tile boxes.
- 56 : 19 Witness does not specifically remember seeing GAF Vinyl Asbestos floor tile on every ship in which he worked.
- 56 : 21 Witness does not specifically remember seeing GAF Vinyl Flex Floor Tile in every ship in which he worked.
- 56 : 25 Witness believes that GAF fashion crafted a vinyl flex floor tile contains asbestos.

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- 57 : 1-2 The containers indicate that the product contains asbestos.
- 57 : 4-10 Witness indicates the following colors of GAF tile: Light blue with white, white with dark colors, dark green with lighter colors.
- 57 : 13-17 Witness does not recall seeing the name GAF on either the back or front of the floor tile.
- 57 : 21 Witness does not know the dimensions of the GAF floor tile.
- 57 : 25 Witness thinks the dimensions of the Fashion Craft GAF floor tile was a little less than a foot square.
- 57 : 27-28 Witness thinks all the tiles were about this size.
- 58 : 3 Witness thinks that the tiles ranged in size or were somewhere between 9 x 9 inches to 12 x 12 inches.
- 58 : 5 This is also true of the Armstrong tile.
- 58 : 9 Witness does not remember the armstrong floor tile as being striated like the other. It's very similar to the GAF tile.
- 58 : 14 It seems to witness that Armstrong had something that indicated their name on the back of their tile.
- 58 : 17 If witness did not see the back of their tile there was no way he could identify the manufacturer.
- 58 : 21 There is no way witness could identify the manufacturer of the floor tile that was already installed in a vessel that was being ripped out.
- 58 : 24 Witness worked on submarines at Mare Island after 1978.
- 58 : 26 Floor tile was used on the submarines as well.
- 59 : 3 While working on the submarines the tile would be brought down in boxes rather than in the green bags as with some of the other products.
- 59 : 7 Witness does not have a specific recollection of seeing GAF floor tiles on submarines at Mare Island.
- 59 : 10 At Mare Island witness only worked on submarines.
- 59 : 13 Witness worked on Aircraft carriers at Hunters Point.
- 59 : 16 At Hunters Point witness also worked on a couple of diesel submarines that were owned by the Italians destroyers (they were destroyers or guided missile tours.

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- 59 : 19-20 Although there were also cruisers there, there was mostly aircraft carriers.
- 59 : 26 While witness was at Hunters Point he worked on the Pigeon and it's a DSRV which is a deep submergent rescue vessel for submarines.
- 59 : 28 Witness has also worked on subtenders and on refrigeration and supply ships.
- 60 : 4 While at Mare Island witness also worked on Barges.
- 60 : 6 Floor tiles were used on the barges.
- 60 : 9-11 On barges the tiles were used mostly on the main deck and the upper areas. The officer areas and the sleeping areas.
- 60 : 13 There were parts of the barge where they did not use floor tile.
- 60 : 16 The same is true for refrigeration or supply ships.
- 60 : 17-19 There were areas on subtenders where they did not use floor tiles.
- 60 : 20 The same is true on DSRV.
- 60 : 23 On types of vessels there were portions where floor tile was not used.
- 60 : 26-27 Witness assumes that he was indirectly exposed to asbestos from floor tile because fibers were released during cutting of it.
- 61 : 1 Witness has witnessed the cutting of floor tile.
- 61 : 3 The cutting of floor tiles does not create visible dust as far as witness is aware.
- 61 : 4-13 Based on his own experience witness thinks he was exposed to a little more asbestos during the removal of lagging from piping as opposed to the vinyl asbestos floor tiles.
- 61 : 15 Further examination by Mr. Day.
- 61 : 17 Witness does not recall any Johns-Manville Products.
- 61 : 22-23 Witness does not recall any Johns-manville Asbestos products.
- 61 : 25-28 Mr. Day refers to Exhibit A and turns to picture of the Nicolet product.

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62 : 1 That's picture number 9.

62 : 3 Picture number 9 looks like a actual picture of a sheet.

62 : 10 Right off hand witness does not specifically recall cutting a Nicolet brand sheet gasket.

62 : 14 Witness believes and assumes that he was exposed to asbestos while cutting gaskets from sheets because the fibers would be released while the sheets were being cut.

62 : 22 Witness does not recall fibers being thrown off or out while cutting the gaskets.

62 : 27-28 The first time witness recalls seeing Nicolet sheet gasket at Hunters Point was during his apprenticeship about 1968 or 1969.

63 : 2-3 Witness has not seen any of that gasket since he left Hunters Point.

END OF DEPO SUMMARY