

REV. 1-54  
  
E. I. DU PONT DE NEMOURS & COMPANY  
INCORPORATED

CHAMBERS WORKS  
DEERWATER, NEW JERSEY 08041

8/2/66  
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TELEPHONE  
AREA CODE 908-285-1000

*See C-00227*

August 19, 1966

To: C. A. D'Alonzo, M.D.

From: W. E. Neeld, Jr., M.D. *W.E.N.*

PLAINTIFF'S  
EXHIBIT  
DUP-678

INTERIM REPORT REGARDING YOUR LETTER DATED JULY 27, 1966  
CONCERNING ASBESTOS EXPOSURE POSSIBILITY ON CHAMBERS WORKS

Materials used for pipe covering and insulation purposes which contain asbestos are found on the appended sheet (Addendum #1). These are in various physical forms, viz., sheets, strips, cloth weaves, paint, tapes and cement. Those which are combined with inorganic silicates are the type used predominately. (102 - 102.1 - 104).

These materials are usually first prefabricated in the shop. Being an enclosed building, liberal ventilation is supplied around the area where fabrication is done. The final application of all insulating materials is generally in open spaces and any significant quantities in air are assumed to be negligible.

Our Industrial Hygiene Section has made arrangements with Mr. F. Manella of the Occupational Health Department of the University of Pittsburgh to assist us. Their role will be to count and to measure any asbestos fibers in air analysis which we will submit to them. The plan is to start collection of air samples September 1, 1966. Five locations in the C.W.C. shops will be monitored at least four times. The collector will be the midget impinger. The measuring range of the fibers is to be 0 to 5 microns; 5 to 10 microns and greater than 10 microns.

No outside contractors have ever been used on our plant in the handling of asbestos containing materials.

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DUP 0900551

BETTER THINGS FOR BETTER LIVING THROUGH CHEMISTRY

DU 021948

C. A. D'Alonzo, M.D.  
August 19, 1966  
Page 2

Presently, we have 56 employees whose job classification is pipecoverer or lagger (Addendum #2). Their medical classification is as follows:

|           |      |
|-----------|------|
| Class I   | - 45 |
| Class II  | - 10 |
| Class III | - 1  |

Of these, only one, a Class II man (\*) has any pulmonary disease. He has no work restrictions. His diagnosis is pulmonary fibrosis with compensatory emphysema and it is known to be nonoccupational in origin. A review of the records of the remaining men show x-ray findings which describe "mild parenchymal changes consistent with early fibrosis". Of course, this minor degree is often subjective and based on the feelings of the physician describing the x-ray.

Since 1950, there are 12 former employees classed as pipecoverers (Addendum #3):

|                        |     |
|------------------------|-----|
| Pensioned and living   | - 6 |
| Pensioned and deceased | - 5 |
| Discontinued           | - 1 |

The chart of one deceased has the diagnosis "cor pulmonale". The discontinued man's reason was a bronchial disorder supposedly induced by "Hylene" (TDI) exposure. The remainder have no pulmonary history.

As more information is developed we will forward it to you, especially, the results of the air analysis for asbestos fiber.

After perusing this information you may wish to meet and discuss or to direct me to delve further. I await your decision.

WHE:ee

Addendum (3)

DUP 0900552

DU 021949

C. A. D'Alonzo, M.D.  
August 19, 1966

ADDENDUM #1

List of substances containing asbestos which are used on the plant

(Taken from Standard Engineering specifications of Wilmington Engineering Standards SM-M Section - "Substances containing Asbestos.")

|       |                                                                                                 |         |
|-------|-------------------------------------------------------------------------------------------------|---------|
| 102   |                                                                                                 |         |
| 102.1 | Calcium silicate (reinforced with asbestos)                                                     | 40%     |
| 104   | Inorganic silicates                                                                             | of      |
| 106   | "Unibestos" - High temp. substance (being replaced by 102.1)                                    | lagging |
| 502   | Insulating cement-dry mixture (asbestos and mineral wool).                                      |         |
| 701   | Asbestos roofing - felt sheet form (contains large quantities of asbestos).                     |         |
| 709   | Low temperature vapor - barrier mastic - 8-10,000 gal./yr. (used by both ladders and painters). |         |
| 712   | Finish cement - dry mixture.                                                                    |         |
| 715   | Asbestos cloth or tape - a weave with synthetics or cotton.                                     |         |
| 724   | Asbestos paper - white untreated.                                                               |         |
| 727   | Flexible braided asbestos tubing.                                                               |         |
| 803   | Lagging adhesives - sodium silicate and asbestos fibers mixture.                                |         |
| 811   | Water resistant adhesive.                                                                       |         |
| 986   | Listing tapes.                                                                                  |         |

see  
8/19/66

DUP 0900553

DU 021950

C. A. D'Alonzo, M.D.  
August 19, 1966

ADDENDUM #2

Pipecoverers - fifty-six present employees and their medical  
classification.

CLASS I (forty-five employees)

| <u>Payroll</u><br><u>Number</u> | <u>Name</u> | <u>A.S.D.</u> |
|---------------------------------|-------------|---------------|
| ED-89250                        |             | 10- 6-39      |
| ED-46548                        |             | 12-14-39      |
| ED- 9451                        |             | 4-25-40       |
| ED-15730                        |             | 7-19-40       |
| CC- 9258                        |             | 3-26-41       |
| ED-97690                        |             | 4-28-41       |
| ED-50529                        |             | 6-25-43       |
| CC- 6629                        |             | 5-14-44       |
| ED- 484                         |             | 3-20-48       |
| CC- 1131                        |             | 7-19-49       |
| ED-29116                        |             | 3-20-51       |
| ED-86700                        |             | 4- 8-51       |
| ED-62406                        |             | 2-29-53       |
| ED-86154                        |             | 5- 5-53       |
| ED-56886                        |             | 8-18-54       |
| ED-85524                        |             | 4-10-55       |
| CC- 2789                        |             | 7-15-63       |
| CC- 7632                        |             | 3-14-64       |
| CC- 6676                        |             | 4-25-64       |
| CC- 0232                        |             | 4-30-65       |
| CC- 8670                        |             | 2-14-66       |
| ED- 8170                        |             | 3-25-35       |
| ED-46527                        |             | 5-10-35       |
| ED-80001                        |             | 4-11-36       |
| ED-82563                        |             | 11- 7-36      |
| ED-14071                        |             | 7- 7-38       |
| ED-13693                        |             | 4-26-56       |
| ED-20880                        |             | 2-12-57       |
| CC 2609                         |             | 10-19-57      |
| ED-81891                        |             | 10-22-57      |
| ED-78329                        |             | 11- 4-58      |
| ED-18208                        |             | 5- 7-59       |
| ED-66634                        |             | 6-30-59       |
| ED-63168                        |             | 10- 8-59      |
| ED-96995                        |             | 5- 2-60       |
| ED-49820                        |             | 5-18-60       |
| CC- 8927                        |             | 6- 3-60       |
| CC- 1299                        |             | 7-11-60       |
| CC- 976                         |             | 8-25-60       |
| ED-76914                        |             | 12- 6-60      |
| ED-73520                        |             | 12-14-60      |
| CC- 2771                        |             | 4-30-61       |
| ED-16620                        |             | 5- 8-61       |
| CC- 57                          |             | 12- 8-61      |
| CC- 966                         |             | 5-25-62       |

see  
5/17/65

DUP 0900554

REDACTED

DU 021951

C. A. D'Alonzo, M.D.  
August 19, 1966

ADDENDUM #2 - Page 2

Pipecoverers - present employees and their medical classifications

Class II (ten employees)

| <u>Payroll<br/>Number</u> | <u>Name</u> | <u>A.S.D.</u> |                                                                                                         |
|---------------------------|-------------|---------------|---------------------------------------------------------------------------------------------------------|
| ED- 883                   | [REDACTED]  | 5-27-40       | Coronary.<br>Fibrosis by x-ray since 1947.<br>Heart restrictions.                                       |
| ED-14764                  | [REDACTED]  | 8-02-40       | Vision.<br>Fibrosis by x-ray since 1947.<br>No restrictions.                                            |
| CC- 8677                  | [REDACTED]  | 2-22-42       | Coronary.<br>X-ray fibrosis since 1955.<br>Cardiac restrictions                                         |
| ED-96110                  | [REDACTED]  | 3-26-51       | Vision.<br>Fibrosis by x-ray since 1950.                                                                |
| * ED-87555                | [REDACTED]  | 7-19-63       | Pulmonary problem (nonoccupa.)<br>No restrictions<br>Compensatory emphysema with<br>fibrosis.           |
| ED-96890                  | [REDACTED]  | 6-19-33       | Eye only (blind).                                                                                       |
| ED-39616                  | [REDACTED]  | 11-01-34      | Pulmonary<br>Chest findings since 1947.<br>No restrictions.<br>No pulmonary disability wage<br>problem. |
| ED-47619                  | [REDACTED]  | 4-22-37       | Coronary insufficiency.<br>Peribronchial fibrosis<br>since at least 1950.<br>No restrictions.           |
| ED-78180                  | [REDACTED]  | 2-25-39       | Hypertensive cardiovascular<br>disease.<br>Some x-ray fibrosis since 1947.<br>No restrictions.          |
| CC- 0120                  | [REDACTED]  | 10-30-58      | Renal.<br>No restrictions                                                                               |

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DUP 0900555

REDACTED

DU 021952

C. A. D'Alonzo, M.D.  
August 19, 1966

ADDENDUM #2 - Page 3

Pipcoverers - present employees and their medical classifications

CLASS III (one employee)

| <u>Payroll</u><br><u>Number</u> | <u>Name</u> | <u>A.S.D.</u> |                                                                                    |
|---------------------------------|-------------|---------------|------------------------------------------------------------------------------------|
| ED-99530                        | [REDACTED]  | 4-4-39        | Hypertensive cardiovascular<br>and renal disease.<br>Fibrosis by x-ray since 1947. |

see  
8/19/66

DUP 0900556

REDACTED

DU 021953

C. A. D'Alonzo, M.D.  
August 19, 1966

ADDENDUM #3

Pipcoverers - Former employees 1/1/50 - 8/1/66. (Twelve). All were pensioned with the exception of one.

| <u>Date Separated</u> | <u>Payroll Number</u> | <u>Name</u>                   |                                          |
|-----------------------|-----------------------|-------------------------------|------------------------------------------|
|                       |                       | <u>Living</u>                 |                                          |
| 6-30-55               | ED- 5993              | [REDACTED]                    | Pneumonectomy.                           |
| 7-31-55               | ED- 5581              | [REDACTED]                    | Coronary.                                |
| 2-29-56               | ED- 5210              | [REDACTED]                    | Coronary Ischemia.<br>Fibrosis by x-ray. |
| 9-30-57               | ED- 6453              | [REDACTED]                    |                                          |
| 10- 1-61              | ED-13000              | [REDACTED]                    | Lot of disease. Some pulmonary.          |
| 5- 1-59               | CC- 332               | [REDACTED]                    |                                          |
|                       |                       | <u>Deceased</u>               |                                          |
| 10- 1-50              | ED- 6505              | [REDACTED]                    | Cor Pulmonale                            |
| 4-11-52               | ED- 5337              | [REDACTED]                    | Myocardial Infarction                    |
| 6-11-57               | ED- 5802              | [REDACTED]                    | Heart Disease                            |
| 10-31-58              | ED- 5035              | [REDACTED]                    | Myocardial Infarction                    |
| 11-27-62              | ED-12601              | [REDACTED]                    | Dehydration and malnutrition             |
|                       |                       | <u>Medical Discontinuance</u> |                                          |
| 7- 8-58               | ED- 5447              | [REDACTED]                    | Respiratory Disease                      |

see  
8/19/66

DUP 0900557

REDACTED

DU 021954