PLAINTIFF'S EXHIBIT

ATI-166

December 8, 1953

ASBESTOSIS INCIDENCE STUDY

Five member Companies reported their experiences:

COMPANY A

This Company reports 22 cases in three stages;

7	Stage #1
13	Stage #2
2	Stage #3

There are also six borderline cases as yet to be determined. This Company employes 295 people. The percentage of incidence of asbestosis is 7.46% for classes #1,2 and 3 or 9.66% including the six questionable or borderline cases.

This survey was completed on October 1, 1953. This study was made from a history of x-rays covering the period of 1948 until the present.

It is presumed, at present, that no one should contract asbestosis with less than five years exposure. However, this Company's experience at present is that one person in Stage #1 has been employed only six years and another in Stage #1 has been employed only eight years. Also, in Stage #2 there is one employee with nine years and one employee with 10 years.

COMPANY B

This Company does not report any questionable or borderline cases. There are 363 employees here engaged. The percentage rate in this case is that 5.23% of the average number of employees are affected. Also, the earliest a person contracted asbestosis in Stage #1 was after twelve years of exposure. The year periods run from twelve years to 28 years of exposure.

COMPANY C

This Company reports a total of 125 employees under exposure. Of this number, there are fourteen cases of asbestosis at this plant. These are:

8	Stage #1
4	Stage #2
2	Stage #3

This report shows that 11.2% of the total number of employees exposed were affected. This Company reports one male in Stage #1 with only five years exposure. There is one in Stage #1 with nine years, one in Stage #1 with ten years, one in Stage #2 with five years and one in Stage #2 with nine years of exposure.

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Asbestosis Incidence Study

The earliest exposure recorded in Class 3 is eleven years.

COMPANY D

This Company reports a total of 142 employees exposed, showing a total of 11 cases as follows:

5	Stage #1
4	Stage #2
2	Stage #3

A breakdown of these figures show one person classified as Stage #1 with 8½ years of exposure, one person classified as Stage #2 with 8 years of exposure and another person classified as Stage #2 with 4½ years of exposure. Here, we find that the five year minimum was not effective in one case.

The percentage of cases with a total number exposed in this case is 7.75%.

COMPANY E

This Company reports asbestosis incidence for two plants. In plant #1 there are 79 persons exposed. All of these employees are classed as negative. Four of these employees were employed for 23 years.

In plant #2 there are 300 persons under exposure. This plant reports a total of 12 persons in Stage #1, 2 and 3 and 30 cases classified as #A-1, 2 and 3 which are questionable or borderline cases. 4% of the employees exposed are classified as Stage #1, 2 and 3. 13% of the 300 persons exposed are classified as Stage A-1, 2 and 3.

This report shows one person in Stage #1 with six years of service, 2 in Stage #1 with eight years of service, one in Stage #1 with ten years of service and one in Stage #2 with only 2 years of service. Again, we find that the five year minimum was not effective in one case.

A report has been received from M. Jacques Texniere of S.A. Francaise du Ferodo from Paris which forwarded to Dr. Shaw. This report is from a factory physician covering a French asbestos plant which does not run at the present time.

In this report, the physician explains that according to years of exposure involving this plant with 88 employees

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Asbestos Incidence Study

0 to 5 yrs.	No percentage of asbestosis
5 to 10 yrs.	4.7%
10 to 15 yrs.	15%
15 to 20 yrs.	23%
20 to 30 yrs.	43.7%
30 & over	50%

In this report are also some statistics published in a paper entitled, "Asbestos" by two French doctors. These statistics, however, were published in the year 1930. These figures show the following:

0 to 4 yrs.	No percentage of asbestosis
5 to 9 yrs.	23%
10 to 14 yrs.	32%
15 to 19 yrs.	53%
20 & over	80%

These figures cover 350 employees exposed. Both sets of these figures have very little significance in our study as the plant is no longer operating and we do not know when they went out of existence. These are the first figures that have been given here. Also, their percentage of cases is much higher than any in the U.S. that we have seen. As far as the second part of this report involving the exposure of 350 workers, the percentage was extremely high and all out of proportion in comparison with our experiences here.

SUMMARY

We find that most of the Companies reporting asbestosis case history studies of their plants in this survey have shown that the five year minimum exposure is correct except in two instances; one in Company D and one in Company E. However, we should agree that with proper pre-hire physicals and x-ray examinations these few cases with less than five years exposure could have been avoided and it is quite possible that in a short time we may be able to say that this disease should not be contracted with less than ten years exposure.

D. R. Holmes
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