PLAINTIFF'S EXHIBIT WRG-65

EXHIBIT PX-34 for id 3-18-88

# CAMBRIDGE

TO: T.L. Lyall

DATE: 24 May 1972

FROM: H.A. Eschenbach

SUBJECT: Dust Survey Reports - Dallas, San Antonio, and Oklahoma City

CC: H.A. Brown
H.C. Duecker
W.R. Wright
R.E. Schneider
R.A. Kulberg
F.G. Serafin
P. Kostic

RECEIVED
MAY 31 1972
CONSTRUCTION PRODUCTS DIVISION
H. A. B.

Attached is a summary of the results of the fiber sampling done by me on 25, 26, and 27 April 1972 at Dallas, Oklahoma City, and San Antonio respectively. If you have specific questions concerning this data or wish to review the slides, please contact Frank Serafin at 113 or me.

Present TLV for fibers of our variety is 5 fibers longer than 5 microns (μ) per ml.

H.A. Eschenbach

HAE:mh

Enclosures

017019 /

DALLAS

| Sample # | Operation | Fibers Per ml (Greater than 5 microns in length) | Remarks |
|---|---|---|---|
| 1 DAL | Monokote Bagging | 5.1 | All hair-like chrysotile. |
| 2 DAL | Monokote Mixer | 1.1 | Worker did no mixing duri: sample. This is more of a general area sample. Chr |
| 3 DAL | Monokote Truck Loader | 3.5 | Chrysotile. |
| 4 DAL | Vermiculite Furnace Operator | 0.0 | Other dust but no fibers. |
| 5 DAL | Perlite Bagging | 1.5 | Needle type. |
| 6 DAL | Redi-Earth Blending | 1.1 | Chrysotile and needle type |
| 7 DAL | Terra Lite Bagging (#2 Furnace) | 2.6 | Needle type. |
| 8 DAL | Blank | 0.0 | ---- |

COMMENTS:

All samples were near or below present emergency TLV of 5 fibers. Apparently, 1.1 is a good general room value for the Monokote - Redi-Earth area.

In the furnace area, it appears that general area ventilation (large roof fan) keeps fibers at a low level even though there is moderate visible dust. This type of ventilation is practical only in warmer localities and may be restricted by air pollution control agencies in the future.

There are no recommendations at this time.

SAN ANTONIO

017020

| Sample # | Operation | Fibers Per Ml (Greater than 5 microns in length) | Remarks |
|---|---|---|---|
| 1 SA | Concrete Aggregate Bagging | 5.3 | Needle type. |
| 2 SA | Furnace Area | 10.7 | Stationary sample in mid furnace area. Needle. |
| 3 SA | Warehouse | 0.2 | Needle. |
| 4 SA | Blank | 0.0 | ----- |

COMMENTS:

If the large lower wall fan is in operation, fiber counts may be significantly lower. However, use of an approved respirator by the payloader driver during ore handling and anyone spending more than a very short and infrequent period of time in the furnace area is recommended.

OKLAHOMA CITY

017021

| Sample # | Operation | Fibers Per Ml (Greater than 5 microns in length) | Remarks |
|---|---|---|---|
| 1 OK | Vermiculite Bagging (Ind. Insul.- Libby #1) | 2.8 | Needle type. Housekeepin excellent. |
| 2 OK | Furnace Room | 16.3 | General room sample. Sto: throwing dust. |
| 3 OK | Blank | 0.0 | |
| 4 OK | Warehouse | 0.0 | |

COMMENTS:

High concentrations in the furnace room were probably due to the need for a stoner adjustment. Since there is no general room ventilation in this area, fibers tend to accumulate and circulate. The use of a respirator in the furnace room should be mandatory until adequate engineering controls are installed.