



E. I. DU PONT DE NEMOURS & COMPANY
INCORPORATED

PIGMENTS DEPARTMENT
Inorganic Fibers Division

PLAINTIFF'S
EXHIBIT
DUP-1530

Experimental Station
May 13, 1975

J. A. ZAPP, JR.
CENTRAL RESEARCH & DEVELOPMENT DEPT.
HASKELL LABORATORY

CARLSON-FORD LIMITED - PAPER ON INGESTION OF ASBESTOS

Carlson-Ford Limited of the U.K. are interested in Fybex® for beverage filters and apparently feel that the hazards from ingesting, as distinct from inhaling asbestos and other short fibers, may have been over-estimated. In previous correspondence, Mr. R. Shackleton, Managing Director, referred to an article published by the Medical Research Council of the United Kingdom allegedly showing no signs of cancer in feeding studies with asbestos. I'm going to discuss the Fybex® business and possibilities of licensing it with Mr. Shackleton in New York on June 18.

In response to my request, Mr. Shackleton sent me a copy of paper referred to. Among the authors is our old friend and devil's advocate, Dr. Paul Gross. May I have your comments on it before the June 18 meeting?

I'd also appreciate the following information on asbestos to aid in answering questions that may arise in the discussion.

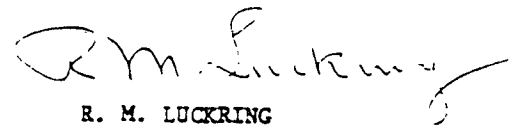
- 1) Is it true that there is no statistical difference in incidence of lung cancer between nonsmoking asbestos workers and the rest of the population?
- 2) Can you give me a rough ratio of the incidence of lung cancer of the smoking asbestos worker compared to the smoking nonworker?
- 3) Can you give me a rough ratio of the incidence of gastrointestinal cancer of the asbestos worker compared to the rest of the population? Is there any sign of secondary causal effect here, as in the case of smoking with lung cancer?

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- 4) Is the incidence of mesothelioma still almost peculiar to asbestos workers, and is there any sign these cancers may have metastasized from primary sites elsewhere or is it known they are caused by fibers which have migrated in the tissue to these sites?


R. M. LUCKRING

RML:ghh
Encl.

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MAY 14 1975

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