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DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
~~CONSUMER PROTECTION AND~~ ENVIRONMENTAL HEALTH SERVICE

1014 Broadway, Cincinnati, Ohio 45202

ENVIRONMENTAL CONTROL ADMINISTRATION

February 12, 1970

Mr. William R. Pierson
Chemistry Department
Scientific Research Staff
Ford Motor Company
P. O. Box 2053
Dearborn, Michigan 48121

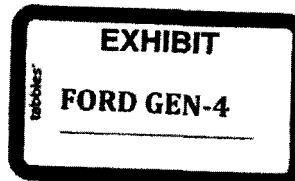
Dear Mr. Pierson:

At the electron microscope magnification we used in our work on brake lining decomposition we were able to resolve elementary chrysotile fibrilles. Since objects smaller than this could not be considered asbestos, we assumed that we were able to see all asbestos fibers. I have also heard the suggestion that higher magnification might reveal more fibers although it is not clear why some objects of a given size and opacity would be visible at a lower magnification while others of the same size and opacity would not.

This point is presently being explored at Mt. Sinai Hospital in New York City, using some of the samples from my original study. When they have arrived at some conclusion, I will let you know.

Sincerely yours,

Jeremiah R. Lynch
Chief, Laboratory of
Engineering
Bureau of Occupational
Safety and Health



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