Ford Motor Company

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April 10, 1973

Dr. Arthur M. Langer
Environmental Sciences Laboratory
Mount Sinai School of Medicine
Fifth Avenue and 100th Street
New York, N. Y. 10020

Dear Dr. Langer.

Thank you for your hospitality during my visit to your laboratory on March 27, 1973. The review of your work on brake drum dust (which receives some support from a Ford research grant) was very interesting and informative.

As was mentioned during our discussions, we have observed far less asbestos fiber in our own electron microscopic examination of brake drum dust and of airborne wear dust from an operating disc brake than you found in your sample of brake drum dust. Since it is highly desirable to determine the reason for these differences, e.g., whether due to differences in technique or sample, you indicated that you would like to examine our samples for comparison. Therefore, I am sending you a sample of drum dust in which we have seen little asbestos, a piece of millipore air filter which sampled air passing over an operating disc brake on a dynamometer (sample C), and a piece of millipore air filter which sampled background air before it passed over the brake (sample D). Pieces of these same air filter samples were previously sent for examination to W. Nicholson of your laboratory. The results of your examination of these three samples should prove quite interesting.

As I promised, I have attached a copy of an article by J. Jagatic et al., "Tissue Response to Intraperitoneal Asbestos with Preliminary Report of Acute Toxicity of Heat Treated Asbestos in Mice," Environmental Research, 1, 217-230 (1967), along with some correspondence I had with Dr. Jagatic regarding subsequent observations in his

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animal experiments.

I look forward to further discussions with you on this subject in the future.

Sincerely,

R. L. Gealer
Chemical Engineering Department

RLG:ao

cc: Prof. J. J. Selikoff

Atts.

bcc: A. E. Anderson
S. Gratch
J. V. Petrocelli

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