E. I. DU PONT DE NEMOURS & COMPANY
INCORPORATED
CHAMBERS WORKS CONSTRUCTION
DEEPWATER, NEW JERSEY 08023

ENGINEERING DEPARTMENT
CONSTRUCTION DIVISION

Linch-14f

February 20, 1968

Jeremiah R. Lynch
U. S. Public Health Service
1014 Broadway
Cincinnati, Ohio 451202

Dear Sir:

Re: Dust Counting and Air Sampling

We have been surveying our construction work environment to assure we are taking adequate precautions where hazardous dusts might accumulate. We are particularly interested in control of asbestos dust and fibers of respirable size. Our findings are satisfactory thus far; however, since some questions have been raised, our Adrian Linch suggested we solicit your opinion regarding the following:

1) We have counted to a resolution of 1.3 microns. Is this adequate or would you recommend resolution to .9?

2) We have been sending our samples to the University of Pittsburgh for counting. We would prefer a geographically closer facility. Can you recommend any qualified persons in the Philadelphia, Pa., or Wilmington, Del. areas, keeping in mind we are interested in both total dust counts and asbestos fiber - dust only.

3) What is your opinion of the validity of the sampling procedure for dust collection as recommended by the Asbestos Textile Institute? (We are currently following this procedure).

4) Is the "Midget Impinger" (which is acceptable in the ATI Procedure) as accurate as the Greenburg-Smith device? We are using the "Midget Impinger" with both aerosol power and electric pumps; this "Midget Impinger" is very convenient.

We will appreciate any opinions or information you offer.

Very truly yours,

CONSTRUCTION DIVISION

L. V. Thatcher
Safety Engineer

cc: Adrian Linch
Chambers Works
Deepwater, N. J.

LVT:kmt

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