BC: File

Calidria ASBESTOS

UNION CARBIDE CORPORATION • METALS DIVISION • P. O. BOX 579 • NIAGARA FALLS, N.Y. 14302 • TEL: 716-278-3376

March 15, 1976

Mr. Herman Brunotte
New York State Department of Labor
65 Court Street
Buffalo, NY 14202

Dear Mr. Brunotte:

This confirms our recent telephone conversation. The fiber counts for the two samples we ran for you were as follows:

SS - 30.8 fibers 75μ/cc
RR - 26.5 fibers 75μ/cc

Since talking with you we have had the opportunity to examine some Brazilian anthophylite and to talk with the fibrous talc supplier, R. T. Vanderbilt Company. According to the geologists, fibrous talc is a pseudomorph of anthophylite and the deposit contains some anthophylite as an impurity. The exact level is not defined, but is probably on the order of 1-10%. When examined microscopically under phase contrast illumination in accordance with the prescribed NIOSH procedure, fibrous talc and anthophylite look identical. Some distinction can be made by the use of liquids of different refractive indexes but this was not done.

It would appear from this that the majority of the fibers reported in the above counts were fibrous talc but some undefined, moderate level of anthophylite is present. It is also very likely that anyone counting these samples by the NIOSH procedure would report the entire count as asbestos. In view of the informal nature of this count it seems both appropriate and possibly useful to provide you with this more complete information.

Very truly yours,

Harry

Harrison B. Rhodes
Technology Manager

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PLAINTIFF'S EXHIBIT

UC-4130