

TESTING AND RESEARCH SERVICE



UNION CARBIDE CORPORATION

P.O. BOX 8361, SOUTH CHARLESTON, WV 25303

WU-0097 #25

To M. R. Patel

March 20, 1985

Phil Tate
(X 4211) should be
able to help a UCC
you if it is a UCC
problem or analysis
Marty

TO: R. A. Bleidt

FROM: M. W. Sue

cc: D. C. Best, 770-302
M. A. Patel, 701-330
L. K. Scholl, 740-4318
P. D. Sherman, 701-254
M. F. Stowers, 701-333
P. H. Tate, 770-124

Bob...

Marty: There is a considerable interest in
identifying asbestos in the insulation materials,
ceiling tiles etc. Subsequent to identification,
the monitoring of the ambient air may be
required to establish any exposure conditions.
I would be interested in knowing if
someone can do some work for us in
identifying asbestos using electron microscopy.
Currently we are using qualitative colorimetric
test to identify asbestos in the insulation.

Thank you for the idea regarding the analysis of asbestos in ambient environments by TEM (attached).

M. A. Patel

After checking a little on the subject I have found out the following:

- P. Tate has an old TEM, but it would need to be serviced before we could use it.
- SEM can be used in some cases, but according to Phil Tate, it also has some problems.
- L. Scholl of IH indicated that there was no regulation or push for ambient environmental monitoring. There is, however, a mandatory OSHA regulated, NIOSH method for personal monitoring for asbestos. The method, in brief, involves collecting air samples on a filter via a pump, then use of a phase contrast light microscope for counting. The work is done by M. Stowers at the Technical Center.

I think the identification of types of asbestos is something we could offer thru P. Tate's area if the need presents itself. The offering of asbestos analysis for personal monitoring could be checked out further as to UCC resources and market potential. Either service would open up a new cliental for T&RS.

I am asking, by way of this letter, for information by all copied regarding their knowledge of market need, size, etc. on either service.

Marty

Marty Sue

PLAINTIFF'S EXHIBIT

UC-1761