



Bell Laboratories

600 Mountain Avenue
Murray Hill, New Jersey 07974
Phone (201) 582-3000

May 7, 1980

Mr. R. Roy
227 Church Street
Room 419
New Haven, Connecticut 06506

Dear Dick:

The bulk and air samples you sent have been analyzed for asbestos. The bulk sample from the Westport Service Center, 55 West State Street, was analyzed by x-ray diffraction and optical microscopy. The major crystalline components of this sample, seen by x-ray diffraction, are chrysotile (serpentine asbestos) and calcite (calcium carbonate). This was confirmed by polarized light microscopy where many birefringent, asbestiform fibers were observed.

The air samples were analyzed for asbestos by counting all fibers greater than 5µm long seen by phase contrast microscopy at 400x using the methods recommended by the National Institute for Occupational Safety and Health (NIOSH). Based on your sampling data and the optical counts the results can be seen on Table I.

If you have any questions about this analysis, please call me at (201) 582-3094.

Sincerely,

Vicki R. Cohen
Vicki R. Cohen

MH-8685-VRC-caa

Copy to
A. J. Brink, M.D.-SNET
W. Ludy

R. L. Beach - AT&T
N. J. DeCapua
J. M. Degen
R. W. Stone, M.D.

THIS COPY FOR

W. J. Schreibeis - BTL
G. M. Wilkening

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TABLE I

<u>Sample</u>	<u>Volume Air (liters)</u>	<u>Fibers Counted*</u>	<u>Concentration (fibers/cm³) Uncorrected</u>	<u>'Blank Corrected</u>
260	456	11	.02	<.01
291	720	98	.10	.09
299	840	10	<.01	<.01
300	764	10	<.01	<.01
303	1020	4		<.01
312	444	6	.02	<.01
339 (Blank)		10		

*100 Microscope fields (.011 mm²/field) were counted.
The field area was 855 mm².