Air Filter Analysis for Asbestos
Case 48106-3
Reference 1076

PLAINTIFF'S EXHIBIT

SWB-161

Bell Laboratories

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

October 26, 1979

Mr. W. S. Tripp
New Jersey Bell Telephone Company
540 Broad Street - Room 502
Newark, New Jersey 07101

Dear Walt:

The four air filter samples collected in the Teaneck Accounting Office Mechanical Equipment rooms have been analyzed for asbestos. All fibers greater than 5μm long seen by phase contrast microscopy at 400x were counted. This is the method recommended by the National Institute of Occupational Safety and Health (NIOSH). Based on your sampling data and the optical counts the results were:

Sample	Volume Air (l)	Fibers Counted*	Fibers/cm^3
1-1-8-21-79	240	4	.01
2-2-8-21-79	240	7	.02
3-3-8-21-79	240	4	.01
4-4-8-21-79	240	3	.01

If you have any questions about this analysis please let me know.

C. P. Lichtenwalner

MH-8685-CPL-ez

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* 100 Microscope fields (.011 mm^2/field) were counted. The filter area was 855mm^2.

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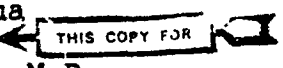
J. M. Degen 

R. W. Stone, M.D.

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