



PLAINTIFF'S EXHIBIT

SWB-165

Bell Laboratories

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

July 16, 1979

Mr. Walt Tripp
New Jersey Bell Telephone Company
540 Broad Street, Room 502
Newark, NJ

Dear Walt:

The air filters and insulation sample have been analyzed for asbestos. The only crystalline material noted in the insulation sample labelled "650 Park Ave. E Orange Wall Surface Air Cond Room" was some form of an amphibole. When examined by polarized light microscopy and dispersion staining many nonbirefringent fibers (probably fibrous glass) as well as many asbestiform fibers were noted. These asbestiform fibers had all the optical characteristics of amosite - one of the amphibole asbestoses. Based on the presence of an amphibole mineral and the asbestiform fibers this sample contains asbestos.

All air filters were analyzed by counting all fibers greater than 5 μ m long seen by phase contrast optical microscopy at 400X. These are the methods recommended by the National Institute of Occupational Safety and Health (NIOSH). Based on your sampling data and the microscopy counts the results were:

<u>Sample</u>	<u>Volume Air (L)</u>	<u>Fibers * Counted</u>	<u>Fibers/cm³</u>
1-1-6-14-79	200	3	.01
2-2-6-14-79	200	6	.02
3-3-6-14-79	200	5	.02
4-4-6-14-79	200	7	.03
Room LC16F	200	18	.07
2-6-7-14-79	200	3	.01
3-7-6-14-79	200	2	.01
4-8-6-14-79	200	3	.01

* 100 microscope fields ($.011 \text{ mm}^2/\text{field}$) were counted.
The filter area was 855 mm^2 .

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

C. P. Lichtenwalner

Charles P. Lichtenwalner

MH-7885-CPL-ecb

Ref. 1039

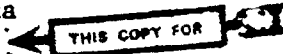
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