



PLAINTIFF'S EXHIBIT

SWB-171

Bell Laboratories

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

April 20, 1979

J. J. Preis
New York Telephone Company
1095 Avenue of the Americas
New York, New York 10036

Dear Jack:

The two filter cassettes and bulk insulation sample from the 11th floor of 1166 Avenue of the Americas which you submitted with your letter of April 9th have been analyzed for asbestos.

Bulk Sample

The insulation sample labelled "11th Floor Ave of the Americas" when examined by polarized light microscopy and dispersion staining revealed many isotropic fibers (probably mineral wool) but no fibers similar to asbestos. An x-ray diffraction scan of the materials showed the major crystalline phases present were calcite and gypsum. No amphibole or serpentine asbestos was found. Based on these results the sample did not contain any asbestos.

Air Filter Cassettes

The two air filters were analyzed by counting all fibers greater than 5 μ m long seen by phase contrast microscopy at 400x. This is the method recommended by the National Institute of Occupational Safety and Health (NIOSH). Based on your sampling data and the microscopy counts the results were:

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<u>Sample</u>	<u>Air Volume (L)</u>	<u>Fibers Counted*</u>	<u>Uncorrected Fibers/cm³</u>	<u>Blank Corrected Fibers/cm³</u>
#1 11th Fl. 1166 Ave. of Amer.	120	9	.06	.03
Blank	---	5	---	---

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

If you have any questions about this analysis please give me a call.

Sincerely,

CLichtenwalner

Charles P. Lichtenwalner

Ref: 1013

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