PLAINTIFF'S EXHIBIT
SWB-170

Bell Laboratories

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April 24, 1979

J. J. Preis
New York Telephone Company
Room 2621
1095 Avenue of the Americas
New York, New York 10036

Dear Jack:

The four air filters and two bulk insulation samples delivered by Jerry Lange today have been analyzed for asbestos.

Insulation Samples:

Patch Bay Frame Room MSG 4th Fl

X-ray diffraction revealed the major crystalline material present was chrysotile. Examination of the material by polarized light microscopy revealed the presence of both non-birefringent fibers (probably mineral wool) and asbestos-like birefringent fibers. The presence of crysotile and birefringent fibers means this material contains asbestos.

Loading Dock MSG

X-ray diffraction and polarized light microscopy gave the same results as the above sample. Therefore, this material also contained asbestos.

Air Filters:

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

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Sample	Volume Air (L)	Fibers Counted*	Uncorrected Fibers/cm^3	Blank Corrected Fibers/cm^3
MSG 4th Fl Frame Room Patch Bays	120	1	.01	<.01**
MSG Loading Platform	120	5	.03	.01
Col 20 Telephone Closet	126	11	.07	.05
Blank	---	3	---	---

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

** < = less than

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

Charles P. Lichtenwalner

Ref. 1015

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