Insulation Analysis for Asbestos
Case: 48106-3

Bell Laboratories

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

February 6, 1980

PLAINTIFF'S EXHIBIT

SWB-112

Mr. R. E. Wenz
New York Telephone Company
100 Garden City Plaza
Room 403
Garden City, New York 11530

Dear Mr. Wenz:

The eight insulation samples from 2020 Wantagh Avenue in Wantagh, have been analyzed for asbestos. Seven of the samples gave identical results while the eighth was different. The analysis were as follows:

3rd FL South, Commercial

3rd FL North

2nd FL North, Assignment Office

2nd FL South, RSB

4th FL North

4th FL South, TSPS

1st FL, Equipment Room

The principal crystalline materials noted by x-ray diffraction were gypsum and mica with a small amount of chrysotile. When examined by polarized light microscopy, part of the samples consisted of asbestiform birefringent particles with the same index of refraction as chrysotile asbestos. Based on these analysis, the above samples contain asbestos.

Sample of piece of ceiling tiles 2'×4' used throughout building

No crystalline materials were noted in this sample when examined by x-ray diffraction. The principal fibrous particles noted by polarized light microscopy were

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non-birefringent (probably mineral wool) and organic in nature. No asbestiform fibers were seen. Based on this analysis, the sample does not contain asbestos.

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

Charles P. Lichtenwalner

MH-8685-CPL-sma

Ref: 1114

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