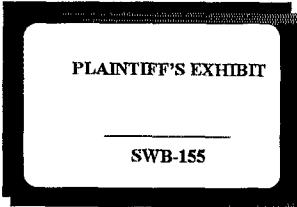


Bell Laboratories

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

April 1, 1980


 PLAINTIFF'S EXHIBIT

SWB-155

Mr. John D. Ludwig
District Staff Manager - Safety
185 Franklin Street
Room 1501
Boston, Massachusetts 02107

Dear John:

The three bulk samples and 17 air filter cassettes you mailed to me from Framingham, Massachusetts following a boiler explosion have been analyzed for asbestos.

Bulk Sample Analysis

All bulk samples were analyzed by using x-ray diffraction analytical techniques.

Sample number 1, labeled "Refractory from Boiler", contained no asbestos. This sample appeared to be cement and consisted primarily of small stones. The principal chrystalline component is aluminum silicate. The principal chrystalline components of sample number 2, labeled "Breech Covering", were fiberglass and chrysotile asbestos. The principal chrystalline component of sample number 3, labeled "Breech Covering", is chrysotile asbestos.

Air filter Cassette Analysis

<u>Sample I.D.</u>	<u>Location*</u>	<u>Number fibers Counted</u>	<u>Volume Air (liters)</u>	<u>Blank Corrected fibers/cc</u>
A-80-3				
21-1	Credit Union	9	246	.02
21-2	Boiler Room	no filter	-	-
21-3	Fan Room	19	242	.05
21-4	Room 159B	filter in back- wards	-	-
21-5	Blank	no filter	-	-

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Mr. J. D. Ludwig - 2

<u>Sample I.D.</u>	<u>Location*</u>	<u>Number fibers Counted</u>	<u>Volume Air (liters)</u>	<u>Blank Corrected fibers/cc</u>
A-80-3-				
22-1	R. J. Mansini	no filter	-	-
22-2	Ladies Room	19	414	.03
22-3	Boiler Room	no filter	-	-
22-4	Crédit Union	no filter	-	-
22-5	Larry Foster	20	300	.04
22-6	Boiler Room	no filter	-	-
22-7	Credit Union	13	314	.02
22-8	Ladies Room	7	324	.01
22-9	Blank	4	-	-
A-80-3-				
24-1	Ladies Room	7	518	.01
24-2	Boiler Room	4	312	none detected
24-3	Fan Room	5	292	.01
24-4	No Data Sheet	9	-	-

* All samples taken at 350 Cochituate Road, Framingham, Mass.

Per our telephone discussion regarding the air filter cassette analysis, I suggest you talk to Millipore because something must be wrong with this batch of filters. To familiarize yourself with the difference between the filter and filter pad, you should take apart some cassettes. Before sampling, you could then make a determination as to whether or not that cassette contains a filter.

If you have any further questions about this analysis, please give me a call at (201) 582-7512.

David Rainer
David Rainer

ME-8685-DR-dw

Field Industrial Hygienist

Ref: 1153

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R. E. Finn, M.D. - NET

R. L. Beach - AT&T
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J. M. Degen
R. W. Stone, M.D.

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W. J. Schreibeis
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