

November 7, 1983



THE HARTFORD

Boston Regional Office
Two Center Plaza
Boston, Massachusetts 02108
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Mr. David Lasnier, General Manager
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9 Forbes Street
Woburn, MA 01801

**PLAINTIFF'S
EXHIBIT**

CH-78

RE: Loss Control Service
A-690

Dear Dave:

This letter will confirm my visit with Bob LeDuc at Chesterton's Woburn Research Plant on August 30, 1983.

As in the past, purpose of the visit was to collect asbestos samples during the removal of packing material from pumps operating under field conditions. The need for this sampling was documented during previous monitoring when it was decided that to approximate actual operating conditions, sampling would be necessary during removal of packing materials. This latest attempt at determining airborne concentrations of asbestos fiber involved removal of "product A" that had run for approximately 100 hours during a field test situation. As can be seen from the results listed below, no measurable amount of fiber was detected during the samples, and all results indicate exposure concentrations of less than 0.1 fibers per cc of air.

Jack Santolucito and the area to his left (approximately 6" to the left side of the shaft) at the height of the pump were monitored on 8/30/83 during removal of 5 pieces of "product A" packing that had run for approximately 100 hours in a field simulated test. The pump was repacked with "product B".

Name/Area	#	Total Time (minutes)	Volume (L)	Fibers	Fibers/cc
Jack Santolucito	1	15	30	< 3,000	< 0.1
Area to left	2	15	30	< 3,000	< 0.1
OSHA's permissible exposure limit					2.0
OSHA's administrative action level					0.1

Reports are based upon observations or information available at the time of surveys which may not discover all hazards. We cannot warrant safety, health or compliance with any rule or regulation. We can only assist you in fulfilling your responsibility in controlling accidents.

Loss Control Department

Form SRE-870-0

Hartford Fire Insurance Company and its Affiliates
Hartford Plaza, Hartford, Connecticut 06115

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The significance of this test is simply that concentrations of asbestos fiber, if present at all, exist at levels below OSHA's administrative action point, and therefore do not constitute a significant threat to health. Future measurements will necessarily need to be made utilizing other materials and under different conditions, and these results will be reported later.

Hopefully this latest attempt has been of assistance to you in your effort to evaluate exposure to airborne asbestos fiber.

Respectfully submitted,



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Certified Industrial Hygienist

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