PLAINTIFF'S
EXHIBIT
DUP-695

William R. Bradley and Associates

ENVIRONMENTAL HEALTH CONSULTANTS

18 GREEN STREET · NEWARK, N. J. 07102

201 622-4246

December 5, 1967

Mr. H. L. Levine, President
Asbestospray Corporation
1060 Broad Street
Newark, New Jersey 07102

Re: ENVIRONMENTAL HEALTH INVESTIGATION

An environmental health investigation was made of your products, Asbestospray HTA and Asbestospray HT3 on November 18, 1967. The investigation was conducted at your Thomas Street warehouse in Newark, New Jersey. This enclosed, one-story building has a large open area about 15 feet in height. Normal Asbestospray application was being conducted by an operator spraying product against a building wall. A one-to-one, fiber-to-water ratio was maintained.

The environmental health study was conducted in order to determine if spray operators or nearby persons

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DUP 0900877

DU 022275

would be exposed to the inhalation of Asbestospray fibers at a concentration that might result in illness or damage to lung tissue. The tests were established to represent actual field conditions. Product was sprayed for 20 minutes before air samples were collected. Air samples were collected at head level at the spray operators station. Simultaneous air samples were also collected 20 feet behind the spray operator in line perpendicular to the surface being sprayed.

The collected air samples were analyzed for the presence of respirable-size Asbestospray fibers. Air samples were collected for 10-minute periods using the approved Greenberg-Smith impinger technique. Air samples were collected in triple distilled water with three percent ethanol added to prevent flocculation of dust fibers in collected sample. A dust count was conducted in the standard manner using a Whipple disc in a 15X microscope eyepiece and a 10X objective in the microscope. The dust counts were made in a Dunn cell.

DUP 0900878

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Airborne Dust Study - Asbestos

Millions of Particles per Cubic Foot of Air

Product	Operators Station	20 Feet Behind Operator
HTA	3.9	1.9
HTB	3.7	1.7

Summary

The results of this investigation show that the threshold level of five million particles per cubic foot of air was not exceeded at the spray operator's breathing zone or at distances of 20 feet from the operator. The threshold level for the inhalation of asbestos fibers may be tolerated for 8-hour days, day in and day out, without danger of producing changes in lung tissue. The results of tests show that no health hazard exists from the inhalation of asbestos fibers under the conditions of these tests as above outlined.

Wm R Bradley

William R. Bradley

WRB/bg

DUP 0900879