Calidria ASBESTOS
THE DISCOVERY COMPANY
UNION CARBIDE CORPORATION • MINING & METALS DIVISION • P.O. BOX 579 • NIAGARA FALLS, N. Y. 14302 • TEL: 716-278-3376

September 4, 1974

PLAINTIFF'S EXHIBIT
UC-5131

Mr. R. Favero
Plant Manager
Georgia-Pacific Corporation
Marietta, GA 30060

Dear Mr. Favero:

Enclosed is the report of our findings on the air samples collected at your plant on August 7, 1974. We believe the report to be self-explanatory, however, if you have any questions or wish to discuss the results further, please do not hesitate to contact either Jack Walsh at our Atlanta, Georgia sales office or me at the above address.

We look forward to serving you.

Very truly yours,

E. J. Kleber
Customer Service Representative

EJK:cjb
Enclosure

CC: Mr. J. E. Walsh

AIRBORNE FIBER COUNTS

for

Georgia-Pacific Corporation
Marietta, Georgia

September 4, 1974

Samples Collected By: J. E. Walsh
Union Carbide Corporation

Samples Analyzed By: E. J. Kleber
Union Carbide Corporation

Union Carbide Corporation
Mining and Metals Division
Niagara Falls, New York

OBJECTIVES

Monitor airborne asbestos fiber at Georgia-Pacific Corporation, Marietta, Georgia, a manufacturer of joint cements.

OPERATION MONITORED

Air samples were collected August 7, 1974 during the makeup of two batches of ready-mix tape joint cement. Personal breathing zone samples were collected from the operator (Larry James) during the addition of asbestos and other dry ingredients.

EQUIPMENT AND PROCEDURE

Sampling and dust counting were carried out in accordance with OSHA Regulation 1910.93a, using the Bayer, Zummalde and Brown method for counting asbestos fibers by phase contrast microscopy (Bureau of Occupational Safety and Health, Feb. 1969).

Battery-powered air pumps (M.S.A. type) calibrated to 2 liters per minute were used to collect personal breathing zone samples on millipore membrane filters of 0.8 micron porosity.

Fiber counting was performed on a Vicker's phase contrast microscope utilizing a Porton reticle for sizing and field definition.

TEST RESULTS

Reported as fibers greater than 5 microns in length per cubic centimeter of air sampled. A fiber is defined as a material having an aspect ratio greater than 3:1.

SUMMARY OF FIBER COUNTS

Sample No.	Sampling Time	Description	Fibers/cc >5μ
I-41	5 min.	Personal - Operator (Larry James) during addition of 212 pounds Canadian 7RF9 and 87.5 pounds "Calidria" Asbestos SG-210.	15.7
J-15	7 min.	Personal - Operator during addition of all other dry ingredients in batch.	3.1
H-17	7 min.	Personal - Same description as I-41 on next batch.	20.9
I-17	4 min.	Personal - Same description as J-15 on next batch.	5.8