PLAINTIFF'S EXHIBIT

UC-2895

UC 148.2

UNION CARBIDE

INTERNAL CORRESPONDENCE

MINING AND METALS DIVISION

P. O. BOX 579, NIAGARA FALLS, NEW YORK 14302

To (Name) Mr. C. C. Masterman
Division
Location Niagara Falls, NY

Date November 13, 1973
Originating Dept. "Calidria" Asbestos
Answering letter date

Copy to R. E. Byrne
J. L. Myers
H. B. Rhodes

Subject Airborne Fiber Counts

Airborne Fiber Counts were conducted November 8, 1973 in Building 166, Labs 104 thru 112 and 116 thru 118. The results, along with a brief description of the samples collected, are attached.

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 Occupcational 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.

The test results are reported as fibers/cc longer than 5 microns. A fiber is defined as any material having an aspect ratio greater than 3:1.

If you have any questions, please do not hesitate to contact us.

Edward J. Kieber

Attachment

/ds

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SUMMARY OF FIBER COUNTS

Field No	Elapsed Time	Description	Fibers/cc >5μ
		Labs 104-112	
B-714	36 min.	Breathing zone of Ralph Bennet conducting Quality Control Tests. Job consists of stirring in 4 grams of RG-244 into 196 grams of polyester.	0.2
B-628	41 min.	Breathing zone of R. J. Kennedy weighing out 4 gram batches of RG-244 for Quality Control Testing.	1.0
B-705	88 min.	Replica of B-714.	0.1
A-150	86 min.	Breathing zone of R. J. Kennedy conducting Viscosity Tests.	0.1
		Labs 116-118	
Z-606	82 min.	Breathing zone of T. Thompson running a mix-muller containing Super Visbestos.	0.4
Z-215	83 min.	Breathing zone of J. Olearczyk assisting in above operation.	0.2

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