PLAINTIFF'S EXHIBIT
CEL-94

CELANESE CHEMICAL COMPANY
Chemcel Plant
Bishop, Texas

To: Plant OSHA Committee*

From: James M. Jackson JMJ-18-74 October 22, 1974

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Airborne Asbestos Measurement

Asbestos in air during fiber filter addition in SEO Celanex 3310 production has been determined. Results are listed in Table I.

Measurements were obtained by attaching the monitoring equipment to the operator during blending and handling of the asbestos fiber filter for Celanex 3310 production. Other areas sampled were the chopper area for MS409 extruder product and the dumping of MS905 dust collector.

Data reported are results of regular first quarter and requested suplemental sampling. The frequency of sampling will be in accordance with the Occupational Safety and Health Act, Section 1910.93a (Appendix I). Supplemental samples will be taken as requested.

James M. Jackson

JMJ/dl
Attach.

cc: Messrs. J. H. Frick
R. G. Brandt
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TABLE I

Airborne Asbestos Levels in the Plastics Area
During Celanex Production

Source Identification	Date	Fibers/ml [1][2] >5 μm in Length
Fiber Filler Blending Area [3]	2-28-74	0.02
Fiber Filler Blending Area [3]	3-19-74	0.02
Fiber Filler Blending Area [4]	6-13-74	0.02
Fiber Filler Blending Area [4]	6-13-74	0.02
MS409 Extruder Product Chopper Area [3]	3-01-74	0.03
MS409 Extruder Product Chopper Area [3]	3-20-74	0.03
MS409 Extruder Product Chopper Area [4]	6-13-74	0.03
MS905 Dust Collector Fiber Dumping [4]	4-10-74	0.02

[1]Microscopic fiber counting by M. A. Sieminski, Celanese Research Co., Summit, N. J., Ref. MAS-74-147, October 9, 1974. (Attached to file copy).

[2]Threshold Limit Values (TLV) American Conference of Governmental Industrial Hygienists, 1972 - (5 fibers/ml, >5 μm in length).

[3]Regular first quarter samples.

[4]Supplemental samples as requested.

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APPENDIX I

Occupational Safety and Health Act
Asbestos Regulation Section 1910.93a

Section 1910.93a Asbestos

Sampling Frequency and Patterns

"After initial determinations, samples shall be of such frequency and pattern as to represent with reasonable accuracy the levels of exposure of employees. In no case shall sampling be at intervals greater than 6 months for employees whose exposures to asbestos may reasonably be foreseen to exceed exposure limits."