GEN 5: REV 6 7-

Interoffice Memorandum

TO (Name and Location)	DATE
J. T. Gore	8-24-79
FROM (Name and Location) [redacted] Hancock and J. H. Pritchard	REFERENCE NO. ARH-34-79/JHP-9-

Monitoring Results from Asbestos
Clean-Up Procedures (Aug. 06, 1979)

Attached are the asbestos monitoring results from sampling during the clean-up procedures after the recent asbestos spill in the Celanex Unit (Aug. 06, 1979). A rubber boot on V-1941 vacuum system was partially off. Asbestos escaped from the system as the blend was dropped from MX-702 into the V-1941 feed tank.

Personal and area samples were taken during the actual clean-up procedures. The area was cleaned with vacuum and was restricted to unauthorized personnel.

Personal samples were taken on the employees while they were cleaning the spill area. The highest personnel exposure seen was 1.2 fibers/cc. These were short term samples (50-70 min). All area samples were taken on the third floor in the vicinity of the spill with the exception of sample no. 1548 which was taken on the fifth floor near the asbestos dump chamber. The highest concentration found for the area samples was 0.8 fibers/cc (see attached Table). The permissible exposure level (8-hour time weighted average) for asbestos is 2 fibers, longer than 5 micrometers, per cc of air. The ceiling level for asbestos is 10 fibers, longer than 5 micrometers, per cc of air.

Personal samples for asbestos are being taken on employees making SEO blends during the current SEO production run. A report will be issued.

A. R. Hancock

J. H. Pritchard

ARH:slh
Attachment
cc: R. L. Bunkley
G. Ille
A. B. Milam
E. Munoz
K. A. Rose

000594

PLAINTIFF'S EXHIBIT
tabbies
CEL-323

Asbestos Monitoring Results from Aug. 06, 1979

Sample No.	Name	Asbestos Concentration Detected fibers/cc[1]	Comments
1544	Victor Moreno	0.22 [2]	Cleaned Asbestos Spill
1545	J.B. Green	1.2 [2]	Cleaned Asbestos Spill
1546	Area Sample	0.18	Sample taken on 3rd floor - in the vicinity of the spill.
1547	Area Sample	0.16	Same as above.
1548	Area Sample	0.02	5th floor - near the asbestos dump chamber.
1549	Area Sample	0.58	3rd floor - while cleaning the spill area.
1550	Area Sample	0.80	Same as above.

1. Permissible 8-hour TWA Exposure - to airborne concentrations of asbestos fibers, ≤2 fibers, longer than 5 micrometers per cc of air.

   Ceiling Concentration 10 fibers, longer than 5 micrometers, per cc of air, at any time.

2. Samples were short term, taken while the employees cleaned the spill area. No TWA was calculated.