



SHELL CHEMICAL COMPANY

A DIVISION OF SHELL OIL COMPANY

P. O. BOX 2633

DEER PARK, TEXAS 77536

September 6, 1978

PLAINTIFF'S EXHIBIT

SH-2745

Mr. Herb Mauck
Payne & Keller, Inc.
P. O. Box 12546
Houston, Texas 77017

Dear Mr. Mauck:

Personal sampling to determine asbestos exposure levels is conducted periodically in the CA Unit during the mixing of the diaphragm slurry. The sampling is done in accordance with OSHA Asbestos Standard 1910.1001. Payne & Keller employees are involved in this task and as a result have been included in the monitoring program. An update of personal sampling results is attached.

As you know, the OSHA Permissible Exposure Limits are 2.0 fibers/cc, 8-hour time-weighted average, and 10.0 fibers/cc, ceiling limit. The careful work procedures outlined when mixing the diaphragm slurry have been successful in maintaining asbestos concentrations below the ceiling limit. However, as a precaution, employees are also instructed to wear the 3M brand dust respirators to avoid any exposure. Since the slurry preparation seldom requires more than 5 to 10 minutes, the employee's 8-hour TWA is much less than 2.0 fibers per cc of air.

As our monitoring program continues, we will report additional personal sampling results for Payne & Keller employees. If you have any questions regarding these results, please feel free to contact me at 476-7374.

bc: R. P. Frutiger
L. W. Horstman
F. G. Reitz
C. D. Russell
J. D. Washburn
Central Files/
Dictator File
Monitoring Notebook

J. D. Ransdell
Senior Industrial Hygienist

LAM 004222

DPMC-10308