PLAINTIFF'S EXHIBIT
UC-2775

UNION CARBIDE

INTERNAL
CORRESPONDENCE

UNION CARBIDE CORPORATION

J. M. Harbert

October 6, 1986

HS&EA

Industrial Hygiene

Asbestos Exposure Monitoring
- So. Chas. - 309

B. H. Avashia, M.D.
J. W. Barna
W. L. Browning
W. V. Filipek
K. O. Hopkins
C. P. Maxwell

Attached are the results of the Asbestos exposure monitoring performed on R. G. Salisbury and D. M. Bourn on September 9, 1986 at the South Charleston plant's Building 309. The employees were monitored while stripping and bagging approximately 12-15 feet of Asbestos from a 1 inch line.

The employees were equipped with cloth coveralls and Tyvek disposable coveralls, boots, gloves, and a half-face respirator equipped with Willson R-12 HEPA filter cartridges. The Tyvek coveralls were removed and discarded before leaving the barricaded area and the employees showered upon completion of the job. They had no Asbestos exposure before or after this monitoring job on this day.

The monitoring results indicate that the levels were below the 0.2 fiber/cc Permissible Exposure Level (PEL), established by OSHA for an 8-hour workday (TWA_8). However, the levels were so close to the action level, 0.1 fiber/cc, that statistically the action level may or may not have been exceeded. Therefore, we must assume that the action level has been exceeded and take appropriate action to lower the exposure levels.

We recommend that more water be used (when possible) and extra care taken in bagging and cleaning the Asbestos.

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Please notify R. G. Salisbury and D. M. Bourn of their exposure monitoring results as soon as possible. Please have them sign and date this report and return to M. A. Patel at Building 701-330.

If we can be of further assistance, please call us at extension 4779 or 3750.

WORK BY:

Vance E. Stover

APPROVED BY:

Manhar A. Patel

Attachment

VES:MAP:rab
1780P

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ASBESTOS EXPOSURE MONITORING

Corp. ref. W2029

Date	Sample Type/ Employee Name	Job Title	Sampling Time	Air Conc. fibers/cc	TWA_8 fibers/cc	COMMENTS
9-9-86	Personal/ R. G. Salisbury	Laborer	1 hr 27 min.	0.526	0.095	Collected while spraying water behind the cutting knife and while bagging and cleaning up the Asbestos. Please note that this work was done inside of the building with all ventilation shut off.
9-9-86	Personal/ D. M. Bourn	Insulator	1 hr 26 min.	0.553	0.0991	Collected while stripping the 12-15 linear feet of Asbestos and helping with the clean up.
9-9-86	Area		1 hr 27 min.	0.0757	-	Collected inside of Building 309 locker room approximately 8-10 feet from where the Asbestos was stripped.

ASBESTOS
Permissible Exposure Level
TWA_8 0.2 fibers/cc OSHA

1780P

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