



INTERNAL
CORRESPONDENCE

PLAINTIFF'S EXHIBIT

UC-2781

UNION CARBIDE CORPORATION TECHNICAL CENTER
P.O. BOX 8361, SOUTH CHARLESTON, WV 25303

To (Name)	H. E. Rucker	Date	March 19, 1987
Division	512/2009	Originating Dept	EM&TS - HS&EA
Location		Area	Industrial Hygiene
Area		Subject	<u>Asbestos Exposure Monitoring</u>
Copy to	B. H. Avashia, M.D. - 512/23 J. W. Barna - 2009/6 W. L. Browning - 2009 W. V. Filipek - 5515 C. P. Maxwell - 701/2 B. R. McMakin - 2009 J. H. Parsons - 2281 W. J. Vincent - 514/109		

Attached are the results of the Asbestos exposure monitoring performed on insulators in the South Charleston Plant, Building 106. They were monitored over a 3 day period while using glove bags to remove asbestos from several lines, horizontal and vertical.

Employees were equipped with 2 pair of coveralls, no street clothes, boots, gloves, head cover and either an ADR57A or Willson R12 Half-face, HEPA filter, respirator. The employees showered each day, before leaving the plant.

The monitoring results indicate that the exposure levels were well below the 0.1 fiber/cc Action Level, established by OSHA for an 8-hour workday (TWA₈). We feel that the glove bag method is a very good way of controlling airborne fibers. However, we must be sure that the procedure is followed closely by each insulator using a Glove Bag.

Please inform J. R. Chandler, R. E. Coyner and S. M. Barker of their exposure monitoring results, as soon as possible. Have them sign and date this report and return to M. A. Patel at Building 701-330.

UCC 024802

Asbestos Exposure Monitoring

-2-

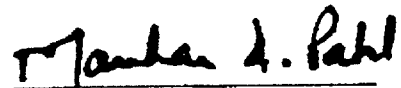
March 19, 1987

If you have any questions or if we can be of further assistance,
please feel free to call us on extension 4779 or 3750.

WORK BY:

APPROVED BY:


Vance E. Stover


Manhar A. Patel

Attachment

VES:MAP:rab
2180P

Comp. Ref. W2158
W2160
W2161

ASBESTOS EXPOSURE MONITORING

<u>Date</u>	<u>Sample Type/ Employee Name</u>	<u>Sampling Time</u>	<u>Air Conc. fibers/cc</u>	<u>TWAg fibers/cc</u>	<u>COMMENTS</u>
3-11-87	Personal/ J. R. Chandler	6hrs 57min	0.0314	0.0273	Collected while stripping, along with 2 others, 40 feet of asbestos using glove bags.
3-12-87	Personal/ R. E. Coyner	7hrs 26min	0.034	0.0317	Collected while using glove bags to strip approx. 50 feet of asbestos, with 1 other insulator.
3-12-87	Personal/ S. M. Barker	7hrs 15min	0.0571	0.0531	Collected while using glove bags to strip approx. 50 feet of asbestos, with 1 other insulator.
3-12-87	Personal/ J. R. Chandler	7hrs 15min	0.0066	0.00598	Collected while retrieving bags and helping with vacuum - ground man.
3-13-87	Personal/ S. M. Barker	7hrs 9min	0.041	0.0366	Collected while stripping approx. 12 feet of asbestos using glove bags. Opened vacuum cleaner to change HEPA filter - had a few problems.

ASBESTOS

Permissible Exposure Level

TWAg 0.2 fibers/cc OSHA
Action Level 0.1 fibers/cc

2180P
rab