PLAINTIFF'S EXHIBIT

UC-3004

UNION CARBIDE

INTERNAL CORRESPONDENCE

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

To (Name) F. R. Sunderland

Date June 19, 1986

Org. HS&EA

Area Industrial Hygiene

Subject Asbestos Exposure Monitoring

Copy to:
B. H. Avashia, M.D.
J. W. Barna
W. L. Browning
M. R. Gandee
C. P. Maxwell
B. R. McMakin
B. J. Weaver

Attached are the results of the Asbestos exposure monitoring done on Insulators at the Institute Plant, Building 20. The monitoring was done on June 4, 1986 while they removed 60 linear feet of Asbestos from a 6 inch line and while being in the same trench replacing the insulation with Kaylo.

It should be noted that two insulators removed their monitoring pumps at noon eventhough you were instructed specifically that they were to wear sampling pumps until the end of the day. It was important that the insulators wore sampling pumps the entire day because they worked in the same trench, where the Asbestos had been removed, therefore the potential for exposure still existed. (These samples cannot be reported because of inadequate information for analyses.)

The Insulators were equipped with boots, disposable coveralls, headsock, gloves and a half-face dust respirator. The area was barricaded and signs were posted for the Asbestos hazards.

The sample results indicate that the exposures were below the Permissible Exposure Level of 2 fibers per cc of air, established by OSHA for an 8-hour day ($TWA_8$).

Please notify the employees of their exposure monitoring results and if we can be of further assistance, please call us on extension 4779 or 3750.

WORK BY:

Vance E. Stover

APPROVED BY:

Manhar A. Patel

Manhar A. Patel

Attachment
VES:MAP:rab
1401P

UCC 024464

Comp. Ref. W1983

## ASBESTOS EXPOSURE MONITORING

| Date | Sample Type/ Employee Name | Sampling Time | Air Conc fibers/cc Air | $TWA_8$ fibers/cc Air | COMMENTS |
|---|---|---|---|---|---|
| 6-4-86 | Personal/ P. K. Snodgrass | — | — | — | Removed monitoring pump at approx. 1330. Cannot be reported. |
| 6-4-86 | Personal/ C. B. Clendinin | 6 hrs 37 min | 0.598 | 0.495 | Collected while stripping approx. 60 linear feet from a 6 inch line and while working in the same trench replacing with Kaylo. |
| 6-4-86 | Personal/ R. O. Bowles | — | — | — | Removed monitoring pump at approx. 1200. Cannot be reported. |
| 6-4-86 | Personal/ D. R. Smith | 6 hrs 30 min | 0.625 | 0.508 | Collected while stripping approx. 60 linear feet of Asbestos from a 6 inch line and while working in the same trench replacing with Kaylo. |

ASBESTOS

Permissible Exposure Level

$TWA_8$ 2 fibers/cc OSHA & UCC

Ceiling 10 fibers/cc

1401P
rab



*Union Carbide trial exhibit UC-3004: V. E. Stover and M. A. Patel to F. R. Sunderland on Asbestos Exposure Monito...* Published by AsbestosClaims.Law
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