



INTERNAL
CORRESPONDENCE

PLAINTIFF'S EXHIBIT

UC-2676

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

To (Name)	G. W. Phares	Date	February 18, 1985
Division		Originating Dept.	HS&EA
Location	512	Area	Industrial Hygiene
Area		Subject	Asbestos Monitoring at <u>Institute Plant</u>
Copy to	B. H. Avashia, M.D., 512 J. W. Barna, 512 T. L. Collins, 740-2 C. P. Maxwell, 725 M. L. Mills, 512 L. R. Noble, 725 R. F. Painter, 512 D. R. Paugh, 512		

Attached are the results of asbestos exposure monitoring conducted on January 4 and 8, 1985 while construction employees stripped a total of approximately 300 ft. of asbestos containing insulation from steam lines on the pipe rack just south of Bldg. 6.

Six construction employees were used on the job with three insulators to strip the insulation and three laborers to bag and clean up the stripped insulation. All employees were protected by usage of cartridge respirators, coveralls, gloves, and boots. The work area was barricaded, signs posted, and a water spray was used. Use of the water spray was mandated in spite of the fact that the weather was rainy.

All samples were found to contain levels of asbestos below the present permissible exposure limit of 2.0 fibers per c.c. of air. Several of the samples were found to contain higher levels of asbestos fibers than would have been expected. If the work had been performed over a longer period of time, it is likely that the fiber levels would have been proportionally greater. Although none of the samples exceeded the allowable limit, there could potentially be a problem if OSHA reduces the limit to 0.5 fibers per c.c. of air. It is possible that the water spray was not used as effectively as it could have been due to the assumption that the rain had already sufficiently soaked the insulation material.

February 18, 1985

Please notify all employees involved with the job of their exposure results. If we can be of further assistance, please contact us on either extension 3750 or extension 5904.

WORK BY: Manu F. Stowers
M. F. Stowers

MFS:rfp
Attachment
0130P/0009P

APPROVED BY: M. A. Patel
Manhar A. Patel /rfp

Computer Reference: W1719
W1720

PERSONAL EXPOSURE MONITORING AT INSTITUTE PLANT

<u>Sample No.</u>	<u>Date</u>	<u>Employee Name</u>	<u>Sampling Time</u>	<u>Air Conc. (fibers/cc)</u>	<u>Comments</u>
1	1-4-85	S. R. Erskin	2 hrs. 10 min. (130 min.)	0.44	Insulator; stripped insulation
2	1-8-85	S. R. Erskin	35 min.	0.06	Insulator; stripped insulation
3	1-4-85	G. R. Briscoe	2 hrs. 5 min. (125 min.)	0.01	Laborer; cleaned up and bagged insulation
4	1-8-85	G. R. Briscoe	1 hr. 20 min. (80 min.)	0.40	Laborer; cleaned up and bagged insulation
5	1-4-85	L. M. Moore	2 hrs. 5 min. (125 min.)	0.06	Laborer; cleaned up and bagged insulation
6	1-4-85	R. O. Bowles	2 hrs. (120 min.)	0.21	Insulator; stripped insulation
7	1-8-85	B. J. Agosti	1 hr. 15 min. (75 min.)	0.94	Insulator; stripped insulation
8	1-8-85	A. L. Spurlock	35 min.	0.13	Laborer; cleaned up and bagged insulation

Note: Sampling time does not reflect entire work day or overall exposure.