



INTERNAL
CORRESPONDENCE

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

To (Name) W. T. Shelton
Division
Location
Area

Date November 22, 1985

Originating Dept HS&EA

Area Industrial Hygiene

Copy to T. L. Collins
C. P. Maxwell
G. C. Merz
R. G. Rowe, M.D.
R. R. Sergeant

Subject Asbestos Monitoring

Attached are the results of personal exposure monitoring conducted on November 11 and November 12, 1985 while R. P. Hess and R. E. Raines stripped asbestos from lines and equipment in Building 707-Cell 4.

The stripping, bagging and cleanup was done by the two insulators. Water was used to wet down the insulation. The cell area was barricaded and signs were posted designating the potential asbestos hazard. Both Mr. Hess and Mr. Raines wore disposable respirators, disposable coveralls with head cover, rubber boots and gloves. Protective equipment was removed when leaving the hazard area.

The samples collected on Mr. Hess and Mr. Raines on November 11, 1985 were both above the action level of 1 fiber/cm³, but below the allowable exposure level of 2 fibers/cm³. The samples collected on November 12, 1985 were below the action level.

It is apparent from the first day that more of a water spray is needed to saturate the asbestos and control the airborne dusts before, and during the stripping and bagging process.

Please notify their exposure results. If we can be of further assistance, please contact us on extension 4779 or extension 3750.

Work By:

Vance Stover
Vance Stover

Approved By:

Manhar A. Patel
Manhar A. Patel

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PERSONAL EXPOSURE MONITORING FOR ASBESTOS
AT BUILDING 707 - CELL 4

Date	Name/Location	Sampling Time Minutes	Air Conc. (Fibers/cc)	8 Hr-TWA (Fibers/cc)	Comments
11-11-85		418	1.22	1.06	Monitored while stripping and bagging approximately 400 # of asbestos.
11-11-85		410	1.54	1.32	
11-12-85		427	0.604	0.537	Monitored while stripping and bagging approximately 400 # of asbestos.
11-12-85		403	0.462	0.39	

Computer reference # W 1854
W 1855

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