PLAINTIFF'S EXHIBIT
UC-2522

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(Name) Mr. D. H. Cook
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Date May 25, 1979

Originating Dept. Technical Center IH/EP

y to Mr. G. F. Hurley
Mr. R. F. Painter
Mr. H. L. Robinson
Mr. E. C. Shipley

Subject Asbestos - Stripping Old Insulation

PROJECT

Survey for asbestos exposure of insulators stripping insulation from still column in Building 707.

DATE OF SURVEY

May 15, 1979

SUMMARY

Exposures were higher than expected for this demolition job, 2.2 and 0.9 fibers/cc TWA for Finney and Miller respectively. The fact that they were wearing respirators allowed the normal standard without protection of 2 fibers/cc TWA to be extended ten times when employees are protected during demolition or removal of material containing asbestos. This exception only pertains to work situations where it is not feasible to control dust with engineering controls.

DISCUSSION

Construction insulators were asked to remove insulation from BS-62 in Cell-11 of Building 707. This still column extends through three levels of the cell and is approximately eight inches in diameter. The insulation was wet down with water as much as possible and every precaution to reduce asbestos exposure to employees was followed. These precautions include; approved disposable dust respirators, coveralls, gloves and bagging and labeling of stripped insulation for landfill.

Union Carbide trial exhibit UC-2522: G. W. Bott to D. H. Cook on Asbestos Exposure of Insulators Stripping Old Ins... Published by AsbestosClaims.Law
ACL Doc 17495 · Page 1 of 2 asbestosclaims.law/library/17495/1

The Technical Center Industrial Hygiene group sampled the insulators in the morning of the fifteenth and for a portion of the stripping job in the afternoon. From the data collected, we were able to determine the time-weighted average of asbestos exposure for Mr. Charles Miller and Mr. M. Finney. (See following results.)

RECOMMENDATION

The best control for asbestos exposure is wetting the material down before demolition starts and to follow the outline prescribed in the Construction Department Safety Procedure Manual, Section VIII, Procedure 22. We would like to emphasize the importance of this procedure and especially the instructions found in paragraph three.

RESULTS

Date	Personnel	Time	Liters of Air	Exposure, Fibers/cc >5 µm	TWA
5/15/79	M. Finney	0950-1115	170	4.0	2.2
5/15/79	M. Finney	1300-1400	120	6.1	
5/15/79	C. Miller	0950-1115	170	2.0	0.9
5/15/79	C. Miller	1300-1400	120	2.1	

REFERENCES

Volume 38C-29X4-R1a Asbestos, Dust Determination By Membrane Filter Technique Using Phase Contrast Microscopy

REPORT PREPARED BY

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