PLAINTIFF'S EXHIBIT
UC-3234

INTERNAL CORRESPONDENCE

CHEMICALS AND PLASTICS • P. O. BOX 8361, SOUTH CHARLESTON, WEST VIRGINIA 25303

To (Name) Mr. J. W. Biddle
Division Mr. C. W. Carman
Location Mr. G. F. Hurley
Mr. L. R. Noble
Copy to Mr. D. Paugh
Mr. C. E. Richardson

Date June 2, 1977
Originating Dept. IH/EP
Subject Asbestos Insulation

INTRODUCTION

We were notified that asbestos insulation would be stripped from the dust collector on #2 boiler at the Institute Plant.

DISCUSSION

The area around the dust collector was isolated by ropes and warning signs were visable. Water was used to help control dust. The 3M disposable dust mask was used by all employees in the controlled area.

Air samples were taken to evaluate levels of asbestos dust in the air.

RESULTS

DATE	NAME	TIME	AREA	CONCENTRATION FIBERS/CC
5/26/77	----	0845-0900	Area Sample ~5' Upwind, ~6' High	.05
5/26/77	----	0902-1035	Area Sample ~5' Downwind, ~6' High	.63
5/26/77	Day	0935-1035	Personal Sample Scaffold-Stripping Insulation	2.44

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DATE	NAME	TIME	AREA	CONCENTRATION FIBERS/CC
5/26/77	Hall	0935-1035	Personal Sample Scaffold-Stripping Insulation	1.78
5/26/77	----	1040-1102	Area Sample ~50' Upwind, 3' High	.06

CONCLUSIONS

One sample exceeded the Threshold Limit Value of two fibers/cc by a small amount. In some areas the employees were lax in using water to wet the insulation. Better control could have been achieved if more water was applied.

Several of the employees were not wearing the respiratory protection properly. In the use of the 3M mask, a proper face seal is essential. Both straps of the mask must be used and they must be properly positioned on the back of the head. The principles of the masks use covered in the training sessions must be applied in the field to assure adequate protection.

METHOD

Samples were counted in accordance with the NIOSH Method for Sampling Evaluation of Airborne Asbestos Dust.

Please contact us if we can provide any additional assistance.

Best regards,

J. P. Gregory

JPG/mar

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