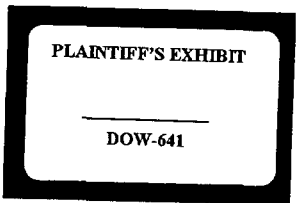


211-1-115

12685



November 6, 1978

R. C. Goheen
Styrene Plastics Maintenance
759 Building

cc: N. S. Kigar, Styrene Plastics Maintenance, 759 Building

PERSONAL MONITORING RESULTS FOR ASBESTOS

The results of the personal monitor worn by Ray Bowers while bagging and stripping a reactor in 658 Building are as follows:

<u>Master Number</u>	<u>Operation</u>	<u>Date</u>	<u>Time (min.)</u>	<u>Asbestos fibers/cc</u>
27886	Bagging and stripping asbestos insulation in 658 Building*	10/23/78	24.8	0.65
IHG				2.0

*Wearing respirator during operation

The results above indicate that no overexposure would have occurred even without the use of respirator protection. The good use of controls such as water, roping off the area, disposing in plastic bags and posting of warning signs should be commended. The only additional suggestion would be the use of rubber boots during asbestos demolition projects.

S. L. S. Dombrowski
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Industrial Hygiene Laboratory
Health and Environmental Research
1803 Building
636-2989

jdb

ST0001687

ICPD Maintenance 2.1-1-79

12242

December 11, 1978

J. J. Mikusko
ICPD Maintenance
209 Building

cc: W. Whelton, IC/SP Maintenance, 800 Building

THE RESULTS OF THE PERSONAL SAMPLES TAKEN FOR ASBESTOS ON DECEMBER 4,
1978, IN 107 BUILDING

<u>Man</u>	<u>Time</u>	<u>Volume (l)</u>	<u>F/cc</u>
Bill Hoffman pipecoverer	315	559	0.08
Ed Kusmierz - multicraft	315	578	0.19
8-hour TWA permissible exposure			2.0

The results were without regard to respiratory protection.

If you have any questions contact me.

R.A. Olson

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H&ER Industrial Hygiene Laboratory
1803 Building
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lf

ST0001688

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R & D REPORT

DOW CHEMICAL U.S.A.

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LABORATORY REPORT	
HEH2.1-1-38(16)	
DATE ISSUED	
January 11, 1979	
ACCOUNT NO.	PROBLEM NUMBER
567	9085000

DEPARTMENT

H&ES USA Industrial Hygiene Laboratory

TITLE

INDUSTRIAL HYGIENE SURVEY FOR ASBESTOS FIBERS, POWER
MAINTENANCE, SOUTH POWER, 500 BUILDING, MICHIGAN DIVISION,
AUGUST 9, 1978

AUTHOR(S) SIGNATURE(S)

F. L. Sabel

REVIEWER(S) SIGNATURE

R. W. Bohl

DESCRIPTIVE SUMMARY
WITH CONCLUSIONS:

(Include in this space references to data books, and to earlier related reports, patents and publications.)

An industrial hygiene survey was conducted at South Power, 500 Building, to evaluate employee's exposures to asbestos fibers during the application of asbestos insulating blankets to a large steam operated turbine generator. A personnel breathing zone sample of the "B" maintenance man was collected with a battery operated pump with a calibrated air flowrate of 1.0 Lpm when connected to an inline 47 mm filter holder containing a 0.8 micron Type AA Millipore filter. An area sample was collected on top of the generator employing the above collection system at 20 Lpm. Asbestos fibers on the filter greater than 5 microns in length were counted using phase contrast microscopy according to the method of Bayer and Zumwalde, US. Public Health Service.

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407362

ST0001689

CRI NUMBER

ST0001690

2

The following concentrations of asbestos fibers were found:

<u>Sample Location</u>	<u>Sample Time (minutes)</u>	<u>Sample Air Volume (L)</u>	<u>Asbestos Fibers/cc</u>
Breathing zone, maintenance clas- sification	177	172	0.10
On top of generator	170	333	0.003
Dow IHG			2.0

The above results are within the Dow Industrial Hygiene Guide (IHG) of 2.0 fibers/cc of air and employee exposures to asbestos during the application of the asbestos blankets were judged acceptable.

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