PLAINTIFF'S EXHIBIT

UC-2750

INDUSTRIAL HYGIENE MONITORING FOR ASBESTOS

TO: D. L. Johnson, 511-5518 Computer Ref. W-1040

CC: C. W. Carman, 725-105
G. F. Hurley, 701-334
C. R. Johnson, 511-2009
D. R. Paugh, 511-2009
P. A. Perry, 511-5583
C. E. Richardson, 511-2149
H. L. Robinson, 701-401
E. C. Shipley, 511-2009

PERSON MONITORED G. H. Landers

Location #1 Powerhouse - Institut Date 4/11/80

EXPOSURE RESULTS

	Conc.	Sampling Time	Comments
Sample 1	.35 fibers > 5 μm/cm^3	60 minutes	A.M. - Stripping insulation
2	.42 fibers > 5 μm/cm^3	105 minutes	A.M. - Stripping insulation
3	.09 fibers > 5 μm/cm^3	80 minutes	P.M. - Stripping insulation
4	.65 fibers > 5 μm/cm^3	38 minutes	P.M. - Stripping insulation and cleaning area.
5			
6			

Time-Weighted Average Concentration (TWA) 0.2 fibers > 5 μm/cm^3

Ceiling Concentration _____

ALLOWABLE EXPOSURE

TWA 2 fibers > 5 μm/cm^3 (OSHA) UCC Other

Ceiling _____ OSHA UCC Other

COMMENTS

Stripping suspected asbestos containing insulation from #2 boiler front and boiler front duct on second level of #1 Powerhouse at Institute. The last sample of the day was the highest concentration found. This may be attributed to the fact that they got in a hurry and didn't keep the insulation well wetted. Mr. Landers wore a disposable Norton dust respirator, and disposable coveralls during the stripping.

WORK BY Ruth Clise

APPROVED BY G. Hurley

INDUSTRIAL HYGIENE MONITORING FOR ASBESTOS

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E. C. Shipley, 511-2009

PERSON MONITORED D. K. Naylor

Location #1 Powerhouse - Institute Date 4/11/80

EXPOSURE RESULTS

	Conc.	Sampling Time	Comments
Sample 1	.35 fibers > 5 μm/cm^3	60 minutes	A.M. - Bagging insulation
2	.81 fibers > 5 μm/cm^3	105 minutes	A.M. - Bagging insulation
3	.18 fibers > 5 μm/cm^3	87 minutes	P.M. - Bagging insulation
4	.06 fibers > 5 μm/cm^3	49 minutes	P.M. - Bagging insulation and cleaning area
5			
6			

Time-Weighted Average Concentration (TWA) 0.3 fibers > 5 μm/cm^3

Ceiling Concentration

ALLOWABLE EXPOSURE

TWA 2 fibers > 5 μm/cm^3 (OSHA) UCC Other

Ceiling OSHA UCC Other

COMMENTS

Bagging insulation that had been stripped from #2 boiler front and boiler front duct on second level of #1 Powerhouse at Institute. Mr. Naylor wore a disposable Norton dust respiratory and disposable coveralls during the bagging and cleanup. The insulation was placed in plastic bags for disposal and dropped from the second level to a truck below. At this point the full bags should be handled carefully. It is suggested that they could be lowered on a rope to prevent the bags from splitting.

WORK BY Ruth Cline

APPROVED BY G. Hurley

INDUSTRIAL HYGIENE MONITORING FOR ASBESTOS

TO: D. L. Johnson, 511-5518 Computer Ref. W-1040

CC:
C. W. Carman, 725-105
G. F. Hurley, 701-334
C. R. Johnson, 511-2009
D. R. Paugh, 511-2009
P. A. Perry, 511-5583
C. E. Richardson, 511-2149
H. L. Robinson, 701-401
E. C. Shipley, 511-2009

PERSON MONITORED B. M. Beckett

Location #1 Powerhouse - Institute Date 4/11/80

EXPOSURE RESULTS

	Conc.	Sampling Time	Comments
Sample 1	.48 fibers > 5 μm/cm^3	60 minutes	A.M. - Stripping insulation
2	1.24 fibers > 5 μm/cm^3	84 minutes	A.M. - Stripping insulation
3			
4			
5			
6			

Time-Weighted Average Concentration (TWA) Not monitored long enough
Ceiling Concentration to calculate TWA.

ALLOWABLE EXPOSURE

TWA 2 fibers > 5 μm/cm^3 (OSHA) UCC Other
Ceiling _____ OSHA UCC Other

COMMENTS

Stripping suspected asbestos containing insulation from #2 boiler front and boiler front duct on second level of #1 Powerhouse at Institute. Mr. Beckett was not monitored in the afternoon because he was transferred to another job. During the stripping he wore a disposable Norton dust respirator and disposable coveralls.

WORK BY Ruth Close

APPROVED BY G. Hurley

INDUSTRIAL HYGIENE MONITORING FOR ASBESTOS

TO: D. L. Johnson, 511-5518 Computer Ref. W-1041

CC:
C. W. Carman, 725-105
G. F. Hurley, 701-334
C. R. Johnson, 511-2009
D. R. Paugh, 511-2009
P. A. Perry, 511-5583
C. E. Richardson, 511-2149
H. L. Robinson, 701-401
E. C. Shipley, 511-2009

PERSON MONITORED D. K. Milan

Location #1 Powerhouse - Institute Date 4/11/80

EXPOSURE RESULTS

	Conc.	Sampling Time	Comments
Sample 1	.69 fibers > 5 µm/cm^3	68 minutes	P.M. - Stripping insulation
2	2.72 fibers > 5 µm/cm^3	27 minutes	P.M. - Stripping insulation
3			
4			
5			
6			

Time-Weighted Average Concentration (TWA) Not monitored long enough
Ceiling Concentration to calculate TWA.

ALLOWABLE EXPOSURE

TWA 2 fibers > 5 µm/cm^3 (OSHA) UCC Other
Ceiling _____ OSHA UCC Other

COMMENTS

Stripping insulation from #2 boiler front and boiler front duct on second level of #1 Powerhouse at Institute. Mr. Milan wore a disposable Norton dust respirator and disposable coveralls during the stripping. The insulators got in a hurry toward the end of the day and didn't keep the insulation well wetted. This resulted in the last value being higher.

WORK BY Ruth Cline

APPROVED BY G. Hurley