

## INDUSTRIAL HYGIENE MONITORING

DATE: June 28, 1984

PROJECT: Monitor respiratory exposure to asbestos fibers experienced by insulators, Maintenance Department.

DATE OF SAMPLES: May 9, 1984.

SUMMARY: Two insulators were monitored as they removed asbestos-containing insulation on the second level of the Steam Plant, between boilers 1 and 2. One insulator was exposed to less than .11 fibers per cubic centimeter of air over a period of 1.68 hours while the second insulator was exposed to 0.13 fibers per cc over a period of 1.67 hours. Both of these exposures are below the permissible limit of 2 fibers/cc averaged over 8 hours. Both operators wore full protective clothing, including air-supplied respirators.

RECOMMENDATIONS: Share this information with Maintenance insulators.

METHOD OF ANALYSIS: Microscopy

DATA AND REPORT BY: H. G. Kuntz/M. W. Bosserman

ANALYSIS BY: IHI - Kemron

COPY TO: J. E. Boley, F. E. Dailey, J. E. Heilman, C. A. McNeill, W. V. Summers, K. E. Williams, G. W. Wulfert.

*MW Bosserman*  
M. Wayne Bosserman

MWB/le  
2781A

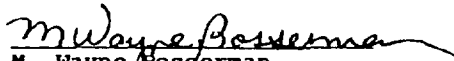
UNION CARBIDE CORPORATION

Silicones & Urethane Intermediates

Sistersville Plant

INDUSTRIAL HYGIENE  
PERSONAL MONITORING REPORT  
UCC, SISTERSVILLE

was monitored for respiratory exposure to asbestos fibers on May 9, 1984. His exposure was 0.13 fibers per cubic centimeter of air over a 1.67-hour period. His job consisted of removing old asbestos-containing insulation on the second level of the Steam Plant, between boilers 1 and 2. This concentration is less than the permissible exposure limit of 2 fibers per cc of air. He wore full protective clothing plus an air-supplied, full facepiece respirator.

  
M. Wayne Bosserman

MWB/le

2782A

cc: D. Lupardus

G. W. Wulfert

LIH

Medical

UNION CARBIDE CORPORATION

Silicones & Urethane Intermediates

Sistersville Plant

INDUSTRIAL HYGIENE  
PERSONAL MONITORING REPORT  
UCC, SISTERSVILLE

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M. Wayne Bosserman

MWB/le

2783A

cc: F. J. Sellers

G. W. Wulfert

LTH

Medical

UCC 016201

..DUSTRIAL HYGIENE MONITORING

DATE: June 28, 1984

PROJECT: Monitor respiratory exposure to asbestos fibers experienced by insulators, Maintenance Department.

DATE OF SAMPLES: May 9, 1984.

SUMMARY: Two insulators were monitored as they removed asbestos-containing insulation on the second level of the Steam Plant, between boilers 1 and 2. One insulator was exposed to less than .11 fibers per cubic centimeter of air over a period of 1.68 hours while the second insulator was exposed to 0.13 fibers per cc over a period of 1.67 hours. Both of these exposures are below the permissible limit of 2 fibers/cc averaged over 8 hours. Both operators wore full protective clothing, including air-supplied respirators.

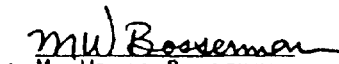
RECOMMENDATIONS: Share this information with Maintenance insulators.

METHOD OF ANALYSIS: Microscopy

DATA AND REPORT BY: H. G. Kuntz/M. W. Bosserman

ANALYSIS BY: IHI - Kemron

COPY TO: J. E. Boley, F. E. Dailey, J. E. Heilman, C. A. McNeill, W. V. Summers, K. E. Williams, G. W. Wulfert.

  
M. Wayne Bosserman

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INDUSTRIAL HYGIENE MONITORING

DATE:

June 22, 1984.

PROJECT:

Monitor respiratory exposure to asbestos fibers experienced by onsite contractor personnel employed by C. Brown.

DATE OF SAMPLES:

May 23, 1984.

SUMMARY:

Two employees, were monitored as they removed debris from the old insulators' trailers. The operation lasted for a period of 34 minutes, during which their exposure was less than 0.33 fibers per cubic centimeters of air. The maximum permissible exposure is 2 fibers per cc averaged over 8 hours. The employees wore full protective clothing and the Type H dust respirators recommended for asbestos removal.

RECOMMENDATION:

Share this information with the two employees who worked in the trailer.

METHOD OF SAMPLING:

Air Filtration

ANALYSIS BY:

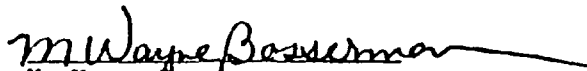
Kemron Environmental Services

DATA AND REPORT BY:

M. Wayne Bosserman

COPY TO:

J. E. Heilman, C. A. McNeill, W. V. Summers,  
G. W. Wulfert.

  
M. Wayne Bosserman

MWB/le