PLAINTIFF'S EXHIBIT

UC-2927

Tammy

F.Y.I

..DUSTRIAL HYGIENE MONITORING

Mac

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

UCC 016199

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
IH
Medical

UCC 016200

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 less than 0.11 fibers per cubic centimeter of air over a 1.68-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
2783A
cc: F. J. Sellers
G. W. Wulfert
IH
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.

MW Bosserman
M. Wayne Bosserman

MWB/le
2781A

UCC 016202

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
M. Wayne Bosserman

MWB/le

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