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UNION CARBIDE CORPORATION

ENGINEERING, MANUFACTURING AND TECHNOLOGY SERVICES DEPTARTMENT
HEALTH, SAFETY AND ENVIRONMENTAL TECHNOLOGY
SOUTH CHARLESTON, WEST VIRGINIA

M E M O R A N D U M

November 21, 1986

TO: Mr. D. G. Beddow - 380

COPY: Mr. S. W. Clark/Mr. J. M. Poulson - 511
Mr. E. L. Doeflein - 320
Mr. D. A. Gosselin - 511
Mr. R. J. Hance - 511
Mr. T. K. Ioannou - 380
Mr. P. R. Kavasmaneck/Mr. H. W. Wegert - 511
Mr. W. E. McKnight - 380
Mr. F. D. Mendicino - 380
Mr. D. G. Moshier - 500
Mr. L. W. Phair - 380
Mr. R. R. Rankin - 500
Mr. L. F. Theiling - 511
Mr. E. G. Trawick - 511
Mr. A. Walker - 500
Mr. J. J. Walsh - 380

FROM: O. C. Kirby

SUBJECT: Sistersville Polymers I
Operational Safety/Health Survey

Dear Mr. Beddow,

Attached is the final report of the Operational Safety/Health Survey for the Sistersville Polymers I Unit. The survey was conducted during the week of October 20, 1986. Field work on the survey was completed on October 24, and a preliminary report was presented to plant management at that time.

During the course of the survey the team noted many positive indications of management's interest and commitment to the safety and health program which exists at the plant. The team dicovered no imminent hazards requiring immediate attention. Two priority safety concerns and several less serious safety and health concerns were identified as deserving attention.

PLAINTIFF'S EXHIBIT
UC-4053

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It is customary, and in accordance with the OS/HS Guidelines, for the surveyed department to develop and publish an action plan in response to the final report within about 60 days following its receipt. The response should be addressed to Dr. D. Liebeskind with copies distributed as indicated on Pages 11-12 of the OSS Guidelines.

I would like to express the team's appreciation for the courtesies and cooperation afforded us during the survey; especially to John Walsh, who ably served and guided the team, and did an excellent job in making preparations for the survey.

D. C. Kirby

DCK/mw
Attachments

6547D

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OPERATIONAL SAFETY/HEALTH SURVEY

POLYMERS I

SISTERSVILLE PLANT

OCTOBER 20-24, 1986

BY:

R. J. HANCE
D. C. KIRBY
W. E. McKNIGHT
F. D. MENDICINO
E. G. TRAWICK
J. J. WALSH

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LH.7 Asbestos Monitoring

During 1983 the Safety Health Department conducted source monitoring during an asbestos removal project in Polymers I. The source monitoring data indicates that new source data should be collected to insure that employees working near the roped off area are not exposed based on the new asbestos standard.

Recommendations:

During the next Polymers I asbestos removal project, area source monitoring be conducted to ensure area concentrations meet the new asbestos standard.

LH.8 Silanes Transfer From Drums to EP Waste Dumpster

The process of transferring silanes from drums to EP waste dumpsters generate large amounts of fumes which caused reported skin irritation and burning sensations.

Recommendations:

1. Review the proper selection and use of protective equipment and clothing during the transfer.

2. Install a "spot ventilation" system over the drums to contain and remove the hazardous fumes.

LH.9 Heat Stress

The ambient temperatures in the kettle areas were reported to reach over 100°F. Coupled with the poor ventilation in the area, a potential heat stress situation exists.

Recommendations:

1. Improve ventilation to reduce ambient temperatures to more acceptable limits.

2. Provide personnel training of heat stress and its symptoms.

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