ATTACHMENT E

BUSINESS CONFIDENTIAL

PLAINTIFF'S EXHIBIT
UC-2887

UNION CARBIDE CORPORATION
ENGINEERING AND HYDROCARBONS DIVISION
CENTRAL ENGINEERING
SOUTH CHARLESTON, WEST VIRGINIA

MEMORANDUM

April 8, 1987

TO: Plant Insulation Representatives
D. D. Barnette, 512
R. L. Boggess, 514
J. E. Boley, 380
D. L. Carrick, 519
A. W. Keene, 510
G. H. Reinhart, 312
R. E. Woodcock, 515

Maintenance Managers
B. M. Gable, 581
Robert Gauvin, 503
P. D. Gossage, 511
R. J. Hampson, 312
George LeBlanche, Moses Lake
B. A. Mallory, STAR
Doug Priegen, Mobile
Carol Prince, 513
John Turner, Prentiss

CC: L. E. Calvert, 803
S. W. Clark, 511
G. B. Elder, 511
R. W. Engle, 511
T. E. Hanning, 511
D. J. Hymel, 515
R. W. Maddox, 511
D. D. Miller, 512
C. C. Neely, 511
M. Patel, 511
MOC

FROM: H. G. Clem

SUBJECT: REQUEST FOR COMMENTS ON VISUAL IDENTIFICATION CODING OF WEATHER BARRIERS INSTALLED OVER ASBESTOS-FREE INSULATION

You are invited to participate in our request for comments on asbestos-free visual identification coding options for metallic and mastic weather barriers for our chemical plants and related facilities. Background information on this subject was included in my recent report.(1)

(1) Clem, H. G., Identification Code for Asbestos-Free Insulation, February 13, 1987, File No.: 18495.

UCC 015895

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We are responding to concerns at some of our petrochemical facilities on methods of quickly identifying insulated piping and equipment that are known to be free of asbestos. Visual identification coding of weather barriers is not mandated by government regulations, but it would provide a positive means of defining areas of asbestos-free or non-hazardous insulation for personnel involved in plant operations and maintenance.

Our intent is to write a new recommended or location practice for the Thermal Insulation Manual incorporating the preference for each major location on asbestos-free insulation identification coding. Your responses to the attached questionnaire will greatly assist in this effort. If all insulation at your facility is known to be free of asbestos, please note this in the "Remarks" section of the form.

Since the removal of asbestos containing insulation is a high priority item in the corporation, this proposed asbestos-free visual coding recommended practice will help us to identify all areas where insulation is in compliance with recent government regulations. To avoid multiple responses from each plant, each designated plant insulation representative is requested to discuss this subject with department heads and plant management to obtain agreement for a given location on one or a combination of asbestos-free insulation visual coding methods.

Actual samples of asbestos-free insulation and arrow directional identification tapes, and corrugated and flat "stucco" embossed aluminum weather barrier are enclosed for reference in your discussions with plant personnel.

Our deadline for responses is May 15, 1987. If there are any questions, please call me at UNICOM 721-3689.

H. G. Clem

HGC:es

ATTACHMENT

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REQUEST FOR COMMENTS -
ASBESTOS-FREE INSULATION
VISUAL IDENTIFICATION CODING

Check the asbestos-free insulation coding preference for your UCC location from the options listed below:

1. Identification Tapes:

   a. "NA with arrows" tape _____
   b. "ASBESTOS-FREE INSULATION" plus separate directional arrow tape _____

2. Color Coded Weather Barrier:

   a. Blue _____
   b. White _____
   c. Green _____

3. Embossed Metal Weather Barrier:

   a. Stucco Texture - Flat _____
   b. Stucco Texture - Corrugated _____

4. Alternative Coding Preference: (explain in remarks section) _____

REMARKS: _____

Please return this questionnaire to Harold Clem, Bldg. 740-3320, Location 511 by May 15, 1987.

NAME: _____
UCC LOCATION: _____
DATE: _____

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