PLAINTIFF'S EXHIBIT

UC-4320

CW-0097 # 29

UNION CARBIDE CORPORATION 39 Old Ridgebury Road, Danbury, CT 06817
Chemicals & Plastics Group / Health, Safety & Environmental Affairs P-2

April 13, 1987

RECEIVED
APR 21 1987
M. A. PATEL

To: Distribution List Attached

Re: April 22, 1987 Meeting
Asbestos Standard Review

Attached is an Agenda for the asbestos standard working session review scheduled for April 22 in Danbury. We will meet in Conference Room P2-35 at 8.30 AM. Persons planning to attend should make their own travel and lodging reservations.

The primary purpose of this session is to promote the full discussion of several key issues in the construction asbestos standard. Various groups will be represented in the session so as to provide a broad perspective on these issues. Individuals should be prepared to discuss their viewpoint in a full and open manner.

The single issue which has raised the most questions is the standard's negative pressure enclosure requirement. A major portion of the session will be devoted to developing a consistent approach to this requirement which satisfies all the participants and is in full compliance with the standard as we understand it.

In addition to the remaining issues on the Agenda, participants should feel free to raise any other items which are of interest relating to either the general industry or construction standard.

In order to accommodate return flight schedules, the meeting should end about 4.00 PM.

Please call if you have any questions.

Robert D. Ondocsin

RDO/tt
1042E
attachment

UCC 011448

A G E N D A

Asbestos Construction Standard Review

April 22, 1987

I. INTRODUCTION

- Purpose of the Review
- Introduction of Attendees
- Brief Regulatory Review

II. KEY ISSUES

A. Negative Pressure Enclosures

- When must they be used?
- How can this requirement be met?
  (In general terms, not detail.)

B. Hygiene Facilities

- How can clean change facilities be provided?

C. IH Sampling - How much is enough?

- Periodic
- Contractor Personnel
- Clearance Monitoring] - Not specifically required
- Perimeter Monitoring] - by the standard.

D. Sampling/Analytical Methods

E. Purchasing/Contract Concerns ✔

- Contractor Approval?

F. Competent Person Requirement

III. HOW CAN CONSISTENCY OF APPROACH BEST BE ACHIEVED IN C&P?

- Standard Practice
- Individual Plant Programs

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UNION CARBIDE

INTERNAL
CORRESPONDENCE

UNION CARBIDE CORPORATION TECHNICAL CENTER
P.O. BOX 8361, SOUTH CHARLESTON, WV 25303

To (Name) P. D. Sherman
Division 701/2
Location 511
Area

Copy to C. P. Maxwell - 701/2

Date April 30, 1987

Originating Dept. EM&TS - HS&EA

Area Industrial Hygiene

Subject R/D Asbestos Procedure

Dwight:

Attached for your review and comments is a DRAFT procedure "Asbestos Materials: Removal, Repair or Renovation" for inclusion in the R/D Safety and Health in the Laboratory and Pilot Plant manual.

If I can be of further assistance, please let me know.

Manhar A. Patel

Attachment

MAP:rab
2280P

UCC 011451

DRAFT
ASBESTOS MATERIALS: REMOVAL, REPAIR, OR RENOVATION

Asbestos containing materials such as insulation, gaskets, packings, heat tapes, hot gloves etc., may be present in a laboratory or a pilot plant. OSHA has ammended its asbestos standard by reducing the permissible exposure limit from a 2.0 fibers/cc level to a 0.2 fibers/cc level. In addition, there are a number of requirements that must be followed, when removing, repairing or renovating the asbestos containing material, to stay in compliance with the government regulations.

At the technical Center, asbestos insulation is no longer installed, and every effort is made to control the release of asbestos fibers in the air from materials, already installed, containing asbestos.

Listed below are practices that must be followed to prevent unnecessary exposure of employees to asbestos and stay in compliance with the government regulations.

1. Check the equipment or the pipes in your area of responsibility for broken insulation. If insulation is found to be broken or accidently damaged, consult with Industrial Hygiene (M. A. Patel, extension 3750) to ascertain whether the material is indeed asbestos. If so the bad material must be repaired or removed.

2. Repair or removal of asbestos containing insulation must be done by the authorized personnel who have the knowledge of the procedures and are trained in the requirements of the OSHA asbestos standared. Certain personnel in the Services Department have these credentials to undertake such projects. Involve the Insulation Craft in the Services Department to help you remove or repair the asbestos insulation.

3. Dispose any asbestos containing materials such as asbestos gloves, old asbestos insulation tapes etc., using proper personal protective euipment and following proper disposal procedures. When in doubt, get the help from Industrial Hygiene group in determining proper procedure for handling the material and from Environmental Protection Department for proper disposal of the material.

4. Do not disturb asbestos insulation without the use of proper personal protective equipment. In addition to other restrictions, handling of asbestos materials may require the use of High Efficiency Particulate Air (HEPA) filter respirator or supplied air respirator, coveralls, shoe covers, head covers etc.

5. Do not sweep or dust floors and surfaces contaminated with asbestos. Cleaning may require the use of a vacuum cleaner equipped with a HEPA filter.

6. Do not drill holes in asbestos containing materials such as transite walls, asbestos-cement sheets etc.

7. Do not remove ceiling tiles located below the asbestos containing materials without wearing the proper respiratory protection.

8. If you suspect contamination of the body and clothes with asbestos, make sure to wash hands and face or take shower depending upon the degree of contamination and wash clothing with water before leaving the workplace.

9. Any question you may have regarding asbestos and need help call Industrial Hygiene (extension 3750).

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