PLAINTIFF'S EXHIBIT
UC-3267
#7 (i)

UNION CARBIDE CORPORATION

ENGINEERING AND TECHNOLOGY SERVICES DIVISION

CENTRAL ENGINEERING

SOUTH CHARLESTON, WEST VIRGINIA

MEMORANDUM

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SAFETY DEPT.

January 6, 1984

PLG - FYI
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TO: J. W. Barna
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COPY TO: R. A. Derr
C. P. Maxwell
M. L. Mills

SUBJECT: ASBESTOS INSULATION REMOVAL PROJECT
STEAM PLANT AND MONOMERS UNIT - SISTERSVILLE PLANT

In our meeting on Thursday, January 5, 1984 we reviewed and discussed the preparations and precautions that we determined necessary for the Construction Department to safely remove asbestos insulation from piping and equipment in the Monomers Unit and Steam Plant in the Sistersville Plant. The purpose of this message is to document and communicate all of the measures that we agreed were appropriate and to identify the persons responsible for specific action steps.

This project is to begin on Tuesday, January 10, 1984 and will include removing asbestos insulation from piping and equipment in the two units identified earlier. The Construction Department will use approximately ten employees over a period of six months to complete this project.

A review of Procedures VIII-22, Asbestos Insulation - Removal and Disposal (Construction) and II-13, Handling, Installing, Removing and/or Disposing of Materials Containing Asbestos (Sistersville Plant) revealed that our procedures are very similar. The consensus of the group was that since our employees are more familiar with our procedure it would serve as the general guideline in performing this work.

We also agreed that in addition to all of the requirements in Construction Department Procedure VIII-22 the following action would be appropriate for this project.

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1. Environmental Protection Agency (EPA) Notification - Wayne Bosserman or a representative of the plant EP Department will provide the EPA with documentation that meets this agencies reporting criteria for asbestos removal and disposal.

2. Respiratory Protective Equipment - Construction employees assigned to this project will wear MSA, Comfo II dual cartridge type respirators, instead of the 3M-8710 disposable respirator normally worn by Construction employees when stripping asbestos. L. R. Noble will fit test and certify all employees to wear this respirator. The Sistersville Plant will supply all Comfo II (MSA, Type H filter cartridges will be used) respirators and replacement cartridges needed to perform this work.

3. Wetting the Insulation - Water will not be used to wet the insulation as it is removed. Nancol, a wetting agent concentrate used by the plant will be used by Construction employees. The plant agreed to purchase and supply this wetting agent for this project. Construction will supply the equipment to apply the Nancol.

4. Monitoring - Technical Center Industrial Hygiene will monitor Construction Department employees for exposure to asbestos. Results of this monitoring will be made available to the plant Industrial Hygiene Department, who will communicate the monitoring results to plant representatives as they determine necessary. Plant Industrial Hygiene will periodically monitor the work area via area sampling. M. Patel of 511/I.H. will contact W. Bosserman concerning project monitoring.

5. Orientation - L. R. Noble will conduct an orientation session with all employees assigned to this project to review and discuss the hazards of asbestos, recent plant problems and experiences with asbestos, work/safety procedures, and protective equipment.

6. Unit Hazards - W. Bosserman or a plant I.H. representative will conduct a review session for all Construction employees on the hazards of the units where the work will take place. The purpose of this training is to ensure that the employees are knowledgeable of the chemical hazards of the work area.

7. Communications - Construction supervision responsible for this project will prepare a Construction Hazardous Work Permit (HWP) for all asbestos removal work. He will issue a copy of this HWP to the Unit Operations Supervisor each day that we are to remove asbestos in a particular work area. The purpose of the HWP is to ensure that communications take place between plant production and maintenance employees and construction employees regarding when and where asbestos removal work is in progress from day to day.

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8. Toilets and Other Plant Facilities - Construction employees will be instructed not to use any plant toilet or lunch room facilities during the course of this project. Construction supervision will provide facilities for our employees.

All preparations and precautions outlined in Construction Procedure VIII-22 Asbestos Insulation - Removal and Disposal will be followed in addition to the guidelines described in this memo.

If you have any questions concerning this project or the proposed action steps feel free to give me a call on extension 6455. (Location 512/2149)

L. R. Noble
Construction Safety Department

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