



DOW CHEMICAL U.S.A.

April 4, 1980

MICHIGAN DIVISION
MIDLAND, MICHIGAN 48640

To: Members of the Vinyl Chloride Safety Association

AGENDA AND TOPICS OF INTEREST

Following is the agenda and possible topics of interest for the 1980 meeting of the Vinyl Chloride Safety Association to be held on October 23 & 24. There will be three sessions including:

- SESSION I - VCM PRODUCTION, TRANSPORTATION & STORAGE
- SESSION II - PVC UNIT OPERATIONS
- SESSION III - REGULATIONS & TRUE CONFESSIONS

Certainly, the old adage "an ounce of prevention is worth a pound of cure" applies to safety when handling vinyl chloride. Thus, a key objective of the discussions is to explore ideas that can measurably improve the safety of operations involved in the manufacture and use of vinyl chloride monomers. Actions taken to correct or prevent problems will be of interest to others.

The intent of this letter is to ascertain the interests of members with regards to specific topics of presentation and discussion. Therefore, suggested major topics have been listed below. This list is not intended to be the final agenda or to exclude other topics of interest. Please indicate which topics are of interest and if you and your company can lead* a discussion area. The meeting will be structured around your comments.

SESSION I - VCM PRODUCTION, TRANSPORTATION & STORAGE (CHECK LINES PROVIDED)

<u>Transportation</u>	<u>Topic of Interest</u>	<u>*Willing to Present</u>
<u>Tankcar Modifications</u>		
. Vent relief	_____	_____
. Improved valves	_____	_____
. Improved couplings	_____	_____
. Construction material	_____	_____
improvements	_____	_____
. Gasket materials	_____	_____
. Sampling systems	_____	_____
. "Leakproof" valves &	_____	_____
fittings	_____	_____

AN OPERATING UNIT OF THE DOW CHEMICAL COMPANY



OCC 4530

	<u>Topic of Interest</u>	<u>*Willing to Present</u>
<u>Tankcar Filling</u>		
. Piping system improvements	_____	_____
. Level control devices	_____	_____
. Remote operations	_____	_____
. Automatic shut-off devices	_____	_____
. Overfill protection system	_____	_____
. Instrumentation & redundancy	_____	_____
<u>Tankcar Cleaning & Repair</u>		
. Tankcar preparation	_____	_____
. Polymer problems	_____	_____
. Peroxide problems	_____	_____
. Undercarriage improvements	_____	_____
<u>Tankcars in Transit</u>		
. Safer routing	_____	_____
. Railbed conditions	_____	_____
. Derailment cleanup	_____	_____
. Weight problems	_____	_____
<u>Water Transportation</u>		
. Vessel design improvements	_____	_____
. Materials of const.	_____	_____
. Valves & fittings	_____	_____
. Spill containment	_____	_____
. Piping system improvements	_____	_____
. Level control devices	_____	_____
. Vent systems	_____	_____
. Remote operations	_____	_____
. Automatic shutoff devices	_____	_____
. Overfill protection system	_____	_____
. Instrumentation & redundancy	_____	_____
. Vessel preparation & cleaning	_____	_____
. Polymer problems	_____	_____
. Routing problems	_____	_____
<u>Storage</u>		
. Vent relief systems	_____	_____
. Remote operation	_____	_____
. Evacuation plans & training	_____	_____
. Emission control systems	_____	_____
. Preparation for vessel entry & cleaning	_____	_____
. Hi pressure cleaning system	_____	_____
. Respiratory protection	_____	_____

Topic of Interest*Willing to PresentStorage

- . Solids disposal
- . Computer control
- . Gasket materials
- . Materials of const.
- . Valve improvement
- . GC monitoring
- . Mechanical seals improve-
ment on pumps and
compressors
- . Level control systems
- . Improved loading systems

VCM Production

- . Vent relief systems
- . Improved valves
- . Evacuation plans &
training
- . Vessel entry prepara-
tion & cleaning
- . Emission control system
- . Hi pressure cleaning systems
- . Improved materials of const.
- . Remote operation
- . Burner system
- . Standby power
- . Corrections to emergency
releases
- . Respiratory protection
- . Mechanical seals
Compressors
Pumps
- . Computer redundancy
- . Gasket materials
- . GC precision & accuracy
- . Stacks-design improvements
- . Plant boundary monitoring
- . Current state of employee
health
- . Outdoor vs. indoor plants
- . Solids disposal
- . Polymerization problems
- . Emission control system
redundancy

SESSION II - PVC UNIT OPERATIONS & FINAL CONTROL DEVICES

<u>Unit Ops. & Final Control Devices</u>	<u>Topics of Interest</u>	<u>*Willing to Present</u>
. Vent relief systems	_____	_____
Type	_____	_____
Design	_____	_____
Construction	_____	_____
. Remote operations	_____	_____
. Evacuation plans	_____	_____
. Emission control	_____	_____
. Burner systems	_____	_____
. Standby power	_____	_____
. Catalyst handling	_____	_____
. Follow-up to emerg. releases	_____	_____
. GC precision & accuracy	_____	_____
. Storage tank cleaning & preparation	_____	_____
. Hi pressure cleaning system	_____	_____
. Piping & vessel entry preparation & cleaning	_____	_____
. Respiratory protection	_____	_____
. Solids disposal	_____	_____
. Follow-up to major accidents	_____	_____
. Follow-up to safety related operations problem	_____	_____
. Recovery compressor improvements	_____	_____
. Computer redundancy	_____	_____
. Mechanical seal	_____	_____
compressors	_____	_____
pumps	_____	_____
reactors	_____	_____
. Alternate reactor cooling sources	_____	_____
. Redundant instrumentation on vent systems	_____	_____
. Plant boundary monitoring	_____	_____
. Improvements in safety training or techniques	_____	_____
. Data control & retention	_____	_____
. Carbon absorption	_____	_____
. Hazards analysis	_____	_____
. Computerization & safety	_____	_____
. Other topics of interest	_____	_____

SESSION III - REGULATIONS & TRUE CONFESSIONS

<u>Toxicology</u>	<u>Topic of Interest</u>	<u>*Willing to Present</u>
. Females in work area	_____	_____
. Progress at C.I.I.T.	_____	_____
. Toxicology studies summary	_____	_____
<u>Regulations & Regulators</u>		
. OSHA	_____	_____
- Current law	_____	_____
- Regional differences	_____	_____
- Citations	_____	_____
- Excursion letters	_____	_____
- Variances	_____	_____
- Respiratory protection requirements	_____	_____
- Plant boundary monitoring	_____	_____
- Inspections	_____	_____
- Employee letters	_____	_____
. EPA	_____	_____
- Current law	_____	_____
- Regional differences	_____	_____
- Citations	_____	_____
- Excursion letters	_____	_____
- Variances	_____	_____
- Inspections	_____	_____
- Monitoring systems	_____	_____
. Regulations Outside U.S.	_____	_____
- Current law	_____	_____
- Citations	_____	_____
- Variances	_____	_____
- Respiratory protection requirements	_____	_____
- Monitoring systems	_____	_____
- Inspections	_____	_____
<u>True Confessions</u>		
- Spills	_____	_____
- Leaks	_____	_____
- Fires	_____	_____
- Near misses (Important area - "ounce of prevention...")	_____	_____
- Excursion letters	_____	_____
- Accidents	_____	_____
- Citations	_____	_____
- Emissions	_____	_____
- Runaway reactions	_____	_____
- Set up reactions	_____	_____

True Confessions (Con't)

Topic of Interest

*Willing to Present

- Material of construction failure
- Vent relief system failures
- Operational errors
 - . Inadequate supervision
 - . Inadequate training
 - . Attitude problems
- Mechanical seal failures
- Gasket failures
- Railcar derailments

Please return your responses by May 29, 1980 to one of the members listed below.

Thank you.

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