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INTER-COMPANY AND OFFICE CORRESPONDENCE

TO: All Concerned

FROM: S. J. Moll

{ Dept.
Branch
Division
Company

Vinyl Chloride Safety Association
Meeting - Memphis, Tennessee

LOCATED AT: Engineering Department

SUBJECT: February 10-11, 1970

DATE: October 19, 1970

Attached please find latest papers and agenda with regard to
next Safety Association Meeting.

S. J. Moll
Supervising Engineer

SJM:cf

cc: R. J. Ventres
W. J. Holloway
G. Peed (2)
E. Lorfing

BOR 005892

Attendance:

PVC Meeting - Marriott Motel-Hotel - 7:30 p.m. - 2/16/70

Sandy Schreiber, Mgr. of Safety & Loss Prevention, Allied Chemical Corp., 40 Rector St.
New York, New York

Bob Landrie, Mgr. of Manufacturing, General Tire, Akron, Ohio 44313

M. G. Glenn, Plant Mgr., General Tire, P.O. Box 68, Ashtabula, Ohio 44004

Ray Olsen, Allied Chemical Corp., Insurance Engineer, 40 Rector Street, New York City

R. F. Schwab, Allied Chemical Corp., 40 Rector Street, New York, N. Y. 10006

W. J. Boyle, Jr., Production Supervisor, Monsanto Company, 730 Worcester Street,
Indian Orchard, Mass. 01051

Gordon Ringrone, Mgr. of Process Technology, Monsanto Canada, Box 900, Montreal Canada

Walter B. Howard, Monsanto Co., 800 N. Lindbergh, St. Louis 63166

Sherwood J. Moll, Supervising Engineer, Borden Inc., 511 Lancaster St., Leominster, Mass 01451

Emil Lorring, Chief Engineer, Borden Inc., 511 Lancaster St., Leominster, Mass. 01453

A. R. Albrecht, Dow Chemical, 2030 Dow Centre, Midland, Mi. 48640

W. J. Bradford, Corp. Safety & Loss Prevention, Olin Corp., 120 Long Ridge Road,
Stamford, Conn. 06904

S. M. Englund, Dow Chemical, 262 Bldg., Midland, Michigan 48640

A. M. Paradiso, Dow, Mgr. Safety & Loss Prevention, Box 150, Plaquemine, La.

R. S. McLaren, Gulf of Canada-Shawinigan Chem. Div., Operations Mgr. PVC, Shawinigan, Canada

Howard Hillman, Conoco Plastics, Box 91, Aberdeen, Miss. 39730

Marcus Smith, Conoco Plastics, Box 91, Aberdeen, Miss. 39730

John T. Barr, Technical Mgr., Box 97, Calvert City, Ky. 42029

J. Robert Mehall, Resin Plastics Mgr., Hooker Chem., River Road, Burlington, New Jersey 08016

William J. Wetzel, Eng. Mgr., Hooker Chem., Ruco Div., New South Road,

L. Paul Herman, Fire Protection Engineer, Corp. Safety & Loss Prevention, 2030 Dow Center,
Midland, Michigan 48640

J. C. Smith, Plant Manager, The Pantasote Co., P.O. Box 356, Point Pleasant, W.V.

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E. T. Biehl, The Pantasote Co. of N.Y., Inc., Manager of Resin Operators, 26 Jefferson St., Passaic, N. J.

M. E. Sutherland, Union Carbide Corp., Group I Safety Projects Mgr., P.O. Box 8361, Bldg. 740, South Charleston, W. Va.

W. R. Manning, Union Carbide Corp., Engineering Mgr., Vinyl Resins, P. O. Box 8361, South Charleston, W. Va.

George B. Speed, Escambia Chemical, P.O. Box 467, Pensacola, Fla.

A. K. McMillan, Escambia Chemical, P.O. Box 467, Pensacola, Fla.

Russell L. Miller, Monsanto Co., 800 N. Lindberg, St. Louis, Mo.

J. B. Kessel, Goodyear Tire & Rubber Co., P.O. Box 578, Plaquemine, La. 70764

M. Trowbridge, Goodyear T&R Co., 5408 Baker Ave., Niagara Falls, N.Y.

Carl H. Swick, At. Tubing-Rubber Co., Cranston, R.I.

Robert E. Lander, Olin Corp., Thompson Plastics, Route 79, Assonet, Mass.

Robert S. Allan, Conoco Plastics, P.O. Box 236, Wilton, Conn.

William W. Madden, Firestone Plastics Co., Box 699, Pottstown, Pa. 19464

Ray Asti, Stauffer Chem. Co., Plt. Mgr., Box 320, Delaware City, Del. 19706

W.M. Iliff, Sr., Plant Engr., Uniroyal Chem. Div., Uniroyal, Inc., P.O. Box 460, Painesville, Ohio 44077

Merlin M. Koenecke, PVC Supt., Ethyl Corp., Box 341, Baton Rouge, La. 70821

W.C. Stradez, Resident Mgr., Ethyl Corp., Box 341, Baton Rouge, La. 70821

Glen D. Schaaf, Chemical Process Eng., B.F. Goodrich, Chem., Cleveland, Ohio 44115

Russell W. Peters, Plant Mgr., Keysor Centruy Corp., 26000 Springbrook Rd., Saugus, Cal. 91350

C. G. Thompson, VP-Engineering, Tenneco Plastics Div, Piscataway, N.J.

G. I. Rozand, VP-Manufacturing, Tenneco Plastics Div., Piscataway, N.J.

By a majority vote of those attending, the following points were accepted:

1. The name of the organization will be - "The Vinyl Chloride Safety Association"

2. Membership:

The membership will be composed exclusively of representatives from producers of Vinyl Chloride Monomer and/or Resins. Each producer will be limited to two representatives.

3. Number of Meetings per Annum:

It was agreed that the association would meet twice per year for a period of two days per meeting.

4. Executive Committee:

The following people were nominated and accepted:

Chairman	-	G. I. Rozand	-	VP-Manufacturing	-	Tenneco Plastics Div. Piscataway, N.J.
Vice Chairman	-	J.C. Smith	-	Plant Manager	-	The Pantasote Co. of N.Y. Passaic, N.J.
"	"	Ray Asti	-	Plant Manager	-	Stauffer Chem. Company Delaware City, Dela.
"	"	J. Barr	-	Technical Mgr.	-	Air Reduction Co. Calvert City, Ky.
Secretary	-	S. Schreiber	-	Manager of Safety & Loss Prevention	-	Allied Chemical Co. New York City
Reserve Committeeman	-	W. Wetzel	-	Division Engineer Manager-Ruco Div.	-	Hooker Chemical Company Hicksville, L.I., N.Y.

5. Monthly Communication:

The executive committee will issue a monthly written report on all safety incidents, involving vinyl chloride monomer or polymerization production, which are submitted by the membership. It was left to the discretion of each member to determine the type of safety incident to be submitted.

6. Organizational Purpose:

- A. It was agreed that the executive committee would meet within the next month to compile a set of rules or a charter to define the purpose of the organization such that a forum is established where the membership may exchange information or discuss the non-competitive problems of safety in the Vinyl Chloride Monomer and Polymerization industries.
- B. The association must not be considered as an ultimate advisory board or reference body to provide design specifications and standards to guide or control the erection or design of plants. Information disclosed by the membership will be for the knowledge of each member to use as he desires.
- C. The charter or rules must be arranged such that the organization will not be faced with anti-trust accusations or investigation. Legal advice may be necessary to find the correct solutions to this problem.

7. Funding of:

The executive committee will review the need to request payment of dues by the membership, to defray the expense of administration, secretarial work and the arrangement of meeting places and guest speakers.

Topics of Discussion:

The executive committee will receive topics as submitted by phone or letter by the membership. The programs and agenda of the meetings will be prepared from these requests:

1. Topics submitted at this meeting:

The presence of Vinyl peroxides in Recovery Systems. How to monitor or sense peroxides? What must be done to prevent their occurrence?

2. The storage of Vinyl Chloride Monomer. How can overfilling of tanks be prevented? What are the methods used to register or sound alarms in the event of an overfill? What is the consensus of opinion with regard to the use of excess flow valves?

3. What methods, equipment or procedures are in use or being planned to prevent opening incorrect valves on vessels under pressure?

4. What is considered to be the minimum number of operators in a polymerization building? How are shift changes handled?

5. What systems are in use or in the planning stage to alert plant people in the event of a vinyl chloride monomer spill?

6. How many plants have written plans and practices for evacuation of plants and premises? What are these plans and procedures?

7. What is the experience of the members concerning fires in driers or drying conveying lines?

8. Control Rooms:

8.1 What is the general opinion of the membership with the use of control rooms located:

a. Outside of the polymerization building.

b. Inside the polymerization building, on the second floor
on the ground floor

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- 8.2 What is the consensus of opinion concerning the use of safety glass in control rooms, in particular where the control room is located in the polymerization building?
9. A committee was suggested to perform detailed studies of:
1. Engineering standards for equipment to be used in vinyl chloride polymerization or monomer plants.
 2. An acceptable standard design for setting polymerizers. This to include structural spacing as well as instrumentation and safety relief vents.
 3. An acceptable safety design manual for polymerization and monomer plants.
(Mr. Moll of Borden Chemical indicated that he would help in this area).
10. Emergency Power:
What is considered acceptable with regard to design and amount of power?
11. What are acceptable methods and procedures used or planned to handle liquid catalysts?

Comments made during the discussion portion of the meeting:

1. Rules and regulations to govern the association:
 - 1.1 Form a committee to write up a charter and a list of objectives to describe the function of the association. (This recommendation was accepted.)
 - 1.2 Find an existing group and attempt to become a part of this organization; (i.e., The AICHE). It was agreed that such organizations as the AICHE, SPI, and others normally do not welcome splinter groups. It was noted that the AICHE holds four meetings per year, and that it would be possible to arrange our meetings to coincide with the time and place of those of the AICHE. The majority of the meeting indicated that the work intended for the Vinyl Chloride Safety Assoc. would suffer from the programs required for the AICHE. It would limit our group to meeting during the evening. This was not acceptable. It was agreed that a separate meeting time and place would be required.

1.3 The Pantasote Company indicated that a conference room and motel, adequately suited for our purposes, could be arranged at Mount Pleasant, West Virginia, for the next group meeting.

2. Reporting Safety Incidents:

2.1 The question was asked "Are we willing to disseminate written information on accidents during the periods between meetings:

Responses:

1. Only on accidents involving VCM or PVC.

2. Incidents will be submitted at the particular company's discretion.

It was understood that these reports would cover major considerations and would not deal with minor items such as fingers jammed when bolting or unbolting flanges, etc.

3. It was suggested and accepted that this information would be sent into the executive committee and distributed from their office on a monthly basis.