

MINUTES OF MEETING
MCA EXECUTIVE COMMITTEE
Pinnacle Club, New York City
Monday, November 25, 1974

Following luncheon at 12:30 p.m., the meeting was called to order by Chairman McNeeley; who explained Mr. Driver's absence on account of illness. There were present:

Harry D. McNeeley, Chairman
James G. Affleck
Warren M. Anderson
Earle B. Barnes
J. W. Elger
(for Jack B. St. Clair)
Robert D. Goodall

John W. Hanley
Edward R. Kane
Joseph A. Neubauer
Robert T. Powers
Harold E. Thayer

Bruce M. Barackman, Staff Counsel
George E. Best, Secretary-Treasurer

1. Financial Report for Five Months Ended October 31, 1974 Mr. Best reported the information shown in Exhibit A, attached.

2. Legal Advisory Committee A revised proposal for re-constituting the Legal Advisory Committee, changed in accord with suggestions made at the October 8th meeting, and a proposal regarding future services of outside legal counsel, as previously discussed, were distributed in advance with the tentative agenda. In respect to the latter, responses to the stipulated inquiries were entirely favorable. After further discussion, it was agreed to present these recommendations for approval at the Board meeting on January 14, 1975.

3. Voluntary Energy Conservation Program Chairman McNeeley stated Mr. Driver had arranged for Mr. Ronald Wishart (Union Carbide Corporation) to report at the Board meeting later today regarding this program in which 28 chemical companies are participating at the request of the Secretary of Commerce and the Federal Energy Administrator.

It was evident from comments that the Executive Committee felt the committee should be expanded to include all MCA member companies.

Data Bank of Chemical Toxicology In the absence of Mr. St. Clair, an appointed subcommittee on this matter, Dr. Barnes distributed a report dealing with two meetings in St. Louis on November 19-20, consisting of representatives of a 12-company ad hoc group interested in the creation of a chemical industry institute on toxicology and the other representatives of companies represented on the MCA Executive

7. Proposed Research on Environmental and Occupational Health Hazards Associated with Vinylidene Chloride A description of the proposed three-year program of toxicological research on vinylidene chloride (monomer) was distributed in advance with the tentative agenda. The estimated funding of \$600,000, which includes provision for reimbursement to MCA for staff overhead, is to be furnished by voluntary subscriptions from interested companies.

It was agreed to approve, on behalf of the Board of Directors, MCA administration of this program as detailed in Exhibit D, subject to funds being made available.

8. Proposal Regarding Consultants on Photochemistry and Meteorology One of this year's budgeted projects provides funds for engagement of consultants to assist in developing MCA responses to regulatory proposals of the Environmental Protection Agency (EPA) relating to photochemical reactivity of organic chemical vapors in the atmosphere. The Air Quality Committee desires to apply part of these funds, up to \$3,000, to employ consultants to aid in developing a research proposal on photochemical oxidants, prospectively for MCA funding in fiscal year 1975-76, inasmuch as EPA is known to be drafting long-range plans concerning ambient air quality standards for such oxidants.

It was agreed to approve, on behalf of the Board of Directors, an enlargement of the scope of the budgeted project so that the indicated expenditure properly may be made.

9. National Science Foundation/Stanford Research Institute Survey on 80 Organic Chemicals - Losses to the Atmosphere in Manufacturing Under a contract from the National Science Foundation, Stanford Research Institute (SRI) is to survey losses to the atmosphere incidental to the manufacture of some 80 organic chemicals, using a questionnaire cleared through the Office of Management and Budget (copy of questionnaire distributed to Executive Committee members in advance with the tentative agenda). SRI has appealed for MCA endorsement in the belief that company response, which is not mandatory, will be enhanced.

It was agreed to approve the staff suggestion that endorsement be given in the form of a letter from Mr. Driver direct to the companies being surveyed, which letter should explain explicitly the purpose for which the information is being sought. Also, SRI should allow a reasonable period for completing the questionnaires which are quite detailed and are to be completed separately for each manufacturing site.

Proposed
Research and Study Program
on the
Environmental and Occupational Health Hazards
Associated with Vinylidene Chloride

Vinylidene chloride has drawn public and governmental attention because of its association with vinyl chloride in industry, its structural similarity to that chemical, and its reported carcinogenicity in rats. An Ad Hoc Planning Group for Vinylidene Chloride, representing a group of interested companies, has evaluated the need for further research. They have formulated protocols for a research program with a projected three-year budget of \$600,000 to be supported collectively by voluntary contributions.

If commitment of the funds is forthcoming, and this opportunity is now before about twenty companies as potential contributors, it is proposed that this project go forward under MCA administration. A description outlining the nature of the research and the terms under which it would proceed is attached.

The staff recommends approval, subject to funds becoming available.

Attachment

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Proposed
Research and Study Program
on the
Environmental and Occupational Health Hazards
Associated with Vinylidene Chloride

Purpose

The purpose of the proposed program is to conduct research and investigations to develop reliable data on the carcinogenicity and other toxicological properties of VDCM*, in order to ascertain conditions necessary to assure the safety of the workers involved in its manufacture, handling, and use, and of the communities in which such plants are located.

Program

The Dow Chemical Company has initiated a number of research projects to develop the necessary data, and has several others in the planning stages. They have offered to convert this program from a proprietary, company-funded one, into an industry effort, in which costs would be shared by, and program supervision and current data access enjoyed by, all the sponsoring companies.

Representatives of companies with an interest in sponsoring such research, at a meeting held at MCA's offices on October 23, 1974, have recommended joint industry support of the following studies, with projected costs.

To Investigate the Effects On Laboratory Animals Of
Inhaled and Ingested VINYLIDENE CHLORIDE

	<u>Estimated Cost</u>
90 day feeding (rat)	\$ 18,000
90 day feeding (dog)	29,000
2 year feeding (rat)	133,000
3 generation reproduction (rat)	89,000
90 day inhalation (rat)	15,000
2 year inhalation (rat)	150,000
Teratology (rat & rabbit)	18,000
Metabolism (rat)	50,000
Total	\$502,000
Contingency and administrative funds	98,000
<u>GRAND TOTAL</u>	<u>\$600,000</u>

*Vinylidene Chloride Monomer

All projects are proposed to be conducted by Dow, at cost, on behalf of the project sponsors.

The Technical Panel on Vinylidene Chloride Research, and its working sub-panels, as appropriate to further the purposes of this program, would also develop and make publicly available technical reports on work practices, industrial hygiene controls, monitoring, and analysis, and the medical surveillance of exposed workers.

Funding

Funding is proposed to be shared equally between manufacturers and users of VDCM. The Dow Chemical Company and PPG Industries, Inc., as manufacturers of VDCM, would each bear twenty-five percent of the program costs. Users of VDCM, categorized in three classes as small (less than 5,000,000 lbs. annual consumption) medium (5,000,000 to 50,000,000 lbs., annual consumption) and large (over 50,000,000 lbs. annual consumption) users, would divide the other 50% among them. All members of a given category of users will contribute equal shares to the program support. The shares of the three classes will be in the ratios of 1:3:10.

Supervision

The program is to be supervised on MCA's behalf by a Technical Panel on Vinylidene Chloride Research composed of one technical representative from each subscribing company, plus an MCA staff representative who would also serve as Project Manager.

Stipulations

The scientific information developed from this program is to be fully disclosed, without restriction. For purposes of consistency and control, however, all releases would be made solely through MCA, normally based on Technical Panel recommendations as to nature and timing. This requirement would not preclude private scientific interchange of non-competitive information useful to advancement of the program. It would be an obligation to inform the MCA staff representative on a current basis about all such interchanges and communications other than those internal to the company.

Operation

The Technical Panel is to be governed by the requirements of MCA's "General Principles Applicable to the Structure and Operations of Committees."

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