AGENDA

MEETING OF THE MCA EXECUTIVE COMMITTEE

12:30 p. m., Monday, November 25, 1974

Pinnacle Club, 150 East 42nd Street, New York City

1. Financial Report for Five Months Ended October 31, 1974.

2. Legal Advisory Committee.

3. Method for Computing Energy Consumption in the Chemical Industry, Data to be Transmitted to Federal Energy Administration.

4. Data Bank on Chemical Toxicology -- Progress Report.

5. Proposed Special Research Program on Toxicity of Styrene Monomer.

6. Proposed Special Research Study on Fluorocarbons.

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

8. Air Quality Standards -- Research.

9. Proposed National Science Foundation -Stanford Research Institute Survey on Organic Chemicals.

10. Occupational Safety and Health Administration Environmental and Economic Impact Statement on Occupational Exposure to Benzene and Benzene Derivatives.

11. Summary of Minutes of Executive Committee Meetings.

12. Cancellation of December Meeting of Executive Committee.

13. Meeting with American Chemical Society Representatives on January 13, 1975.

14. Administrative Matters.

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 it should be expanded to include all MCA member companies.

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

Committee with Messrs. St. Clair, Barnes, and Hanley, also attended by Messrs. Clark and Tritsch of the MCA staff.

The ad hoc company group representatives are eager to obtain financial commitments to guarantee a five-year program, preferably independent of MCA because of (1) an attitude that MCA involvement would necessarily slow the development and (2) a belief that association with MCA would make the scientific output less credible. Several members of the Executive Committee discounted the latter point, contending that it would matter little whatever the mechanism for industry support.

Dr. Barnes also referred to questions having been raised about MCA policy limiting the extent to which MCA may act as an advocate in connection with individual processes or products. There was general agreement that this aspect should be reviewed.

After extensive discussion, it was agreed to await the subcommittee's recommendation, with a request that it be distributed by mail in advance of the meeting at which it is to be considered.

Dr. Barnes indicated that further planning by the ad hoc group is to cover both administrative possibilities, namely, (1) independent of and (2) under MCA.

5. Proposed Research on Toxicity of Styrene Monomer A description of the proposed three-year program of toxicological research on styrene 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 B, subject to funds being made available.

6. Proposed Research on Fluorocarbons A description of the proposed extension of research on the occurrence of fluorocarbons and their chemistry in the atmosphere was distributed in advance with the tentative agenda. The estimated funding of $180,000, 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 indicated in Exhibit C, subject to funds being made available.

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.

10. Occupational Safety and Health Administration (OSHA) Evaluation of Environmental and Economic Impact of Proposed Regulations on Occupational Exposure to Benzene and Benzene-Containing Products in Manufacture and Use A questionnaire which OSHA proposed be sent by MCA to its member companies to obtain information for the above-titled purpose was distributed to Executive Committee members in advance with the tentative agenda. It was estimated by the MCA staff that about 58 companies would be in a position to respond; completed questionnaires (for each site involved) would be returned to OSHA via MCA, which would remove company identification.

While such cooperation was recommended by the MCA staff in the interest of producing well-founded regulations, it was belatedly learned that the Office of Management and Budget would prefer that the questionnaire be cleared through OMB, which clearance OSHA feared would delay regulatory development.

It was agreed to approve MCA conducting the survey as requested, subject to OMB clearance of the questionnaire.

11. Summaries of Executive Committee Meeting Minutes Calling to mind the specimen precis handed out at the October meeting, Chairman McNeeley proposed that brief summaries of Executive Committee meeting minutes be prepared and distributed routinely henceforth as a means of keeping the other Directors more currently informed. No objection was raised, and this practice will be initiated.

12. Cancellation of December Meeting of Executive Committee Inasmuch as it appeared unlikely any further developments would be ready for Executive Committee action by December 10, it was agreed to cancel the regular meeting scheduled on that date.

13. Meeting with American Chemical Society Representatives (January 13, 1975) Mr. Best confirmed arrangements for a dinner meeting of the Executive Committee with American Chemical Society representatives the evening before the January 14th Executive Committee meeting to discuss educational matters of mutual interest.

It was suggested that the ACS representatives be invited to identify specific subject areas of their interest in advance, and that the Executive Committee meet just beforehand for a short time in preparation. Executive Committee members were invited to submit any other suggestions to Mr. Driver.

14. Proposed Letter to the Secretary of the Treasury on Investment Tax Credit Handed out to those present was the draft of a letter prepared by the Tax Policy Committee for sending by Mr. Driver to express a preference for retaining the present seven percent investment tax credit, rather than increasing it to ten percent coupled with a reduction in the depreciable

base as proposed in President Ford's Program to Control Inflation.

Members were requested to convey any comments to Mr. Driver promptly, inasmuch as the timing of such a submission for best effect is uncertain.

George E. Best
Secretary-Treasurer

Certified correct:

Harry D. McNeeley, Chairman
Executive Committee

EXHIBIT A

REPORT OF THE SECRETARY-TREASURER

November 25, 1974

Dollar amounts rounded from tabular details
($000)

INCOME & EXPENSE
June 1, 1974 - Oct. 31, 1974 - 5 Months (42%)

			Percent of Total Budget
Income - Membership Fees	$2,017		101.657%
- Other	153		51.899%
		$2,170	95.218%
Expense - Operations	$ 736		37.008%
- Projects	145		33.523%
		$ 881	36.388%

ASSETS
(As of October 31, 1974)

Cash	$ 12	
Investments	3,072	
Miscellaneous	6	
		$3,090

CMA 061765

EXHIBIT B

Prospective Research Program
on
Toxicity of Styrene Monomer

From a literature search conducted to evaluate the current state of toxicological investigation and to evaluate data in terms of impact on human health and the environment, it has been determined that the short-term toxicology of styrene is in good agreement except in the area of repeated exposure to low levels of vapor. Research in the United States has led to the American Conference of Governmental Industrial Hygienists establishing a time-weighted average (twa) of 100 ppm. In Russia the twa is lower and some Russian investigators are recommending even lower levels. It has been proposed that this difference be explored and resolved. A research proposal was formulated by an Ad Hoc Planning Group for Styrene Toxicity Research, representing a group of interested MCA member companies, with a projected three-year budget of about $600,000 to be supported collectively by voluntary contributions.

Although all the details of the proposed program have not been determined, there was unanimous agreement on:

1. The need for conducting toxicological studies;

2. The order of magnitude of cost to complete the initial studies; and

3. A proration of costs on the basis of publicly published plant capacities of styrene monomer, polystyrene, acrylonitrile-butadiene-styrene (ABS), and styrene-acrylonitrile (SAN).

If commitment of the funds is forthcoming, and this opportunity is now before thirteen manufacturing and using 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.

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MCA
EC - 11/25/74

DESCRIPTION

Proposed Research Program on Toxicity of Styrene Monomer

PURPOSE

The purpose of this program, collectively funded by voluntary subscriptions from interested companies, is to provide technical information to extend the data base on the toxicity of styrene (monomer) and to resolve some differences that exist relative to the repeated exposure to low levels of vapor.

INITIAL PROJECT

As recommended by an Ad Hoc Planning Group for Styrene Toxicity Research, composed of representatives of eleven MCA member companies, the immediate undertaking of about three-years' duration is as follows:

2-Year Inhalation in Rats
90-Day Oral in Dogs (Capsule)
90-Day Oral in Rats (Water)
2-Year Oral in Rats (Water)
3 Generation Reproduction in Rats (Water)

Teratology

- Inhalation - Rats and Rabbits
- Ingestion - Rats (Water)

Metabolism

These studies, including administrative costs and contingencies, are estimated to total $550,000-$600,000.

SUPERVISION

This program would be supervised on MCA's behalf by a Technical Panel composed of one technical representative from each subscribing company, plus an assigned MCA staff representative, who would serve as Project Manager.

FUNDING

Although the details of funding have not been decided, subscribing companies would share in financial support approximately in proportion to their share of total production capacity (styrene monomer, polystyrene, acrylonitrile-butadiene-styrene copolymer, and styrene-acrylonitrile copolymer), so represented, based on publicly available figures. This is in accord with preference expressed by representatives of companies taking part in exploratory considerations at the same time acknowledging that, for good reason, exceptions may be made by common consent.

In accord with prior commitments by subscribing companies, support funds would be subject to advance collection by MCA on basis of projected need. Disbursements would be subject to MCA staff clearance and approval.

STIPULATIONS

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

OPERATION

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

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CMA 061768

EXHIBIT C

Proposed Program
for
Environmental Study on Fluorocarbons

The Technical Panel on Fluorocarbon Research has recommended to the project sponsors an extension of the research studies conducted during 1973-74 by the University of Reading (England), the University of Montreal, and the University of California at Riverside. Support for these three studies, including provisions for reimbursement to MCA for administrative costs, are estimated to total $180,000 for work during the 1974-75 period.

If commitment of the funds is forthcoming, and this opportunity is now before about eighteen companies as potential contributors, it is proposed that this project go forward under MCA administration.

The staff recommends approval, subject to funds becoming available.

MCA

EC - 11/25/74

EXHIBIT D

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 carcinogencity 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

MCA

EC - 11/25/74

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

	Estimated Cost
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
GRAND TOTAL	$600,000

*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."

MCA

EC - 11/25/74

MANUFACTURING CHEMISTS ASSOCIATION

1825 CONNECTICUT AVENUE, N.W. WASHINGTON, D.C. 20009 (202) 483-6126

GEORGE E. BEST
VICE PRESIDENT
SECRETARY-TREASURER

November 26, 1974

TO MEMBERS OF THE BOARD OF DIRECTORS

Dear Sirs:

The regularly scheduled December meetings of the Executive Committee and the Board of Directors have been cancelled.

Therefore, the next regular meetings of the Executive Committee and the Board will be held on January 14, 1975, at 8:00 a.m. and 10:00 a.m., respectively, in Washington, the usual notices for which will be sent to you.

Sincerely,

George E. Best

cc: Alternates
MCA Staff

CMA 061774