

AGENDA
CMA EXECUTIVE COMMITTEE MEETING
9:00 a.m., Tuesday, April 8, 1980
The Madison (Executive Room No. 3)
Washington, D. C.

TAB

9:00 a.m.	1. Call to Order -- Chairman Morley	
9:01-9:02	2. Minutes of Last Meeting -- B. M. Barackman	1
9:02-9:05	3. Treasurer's Report -- G. C. Herrman	2
9:05-9:15	4. Presentation of Finalized Fiscal 1980-81 Budget for Approval -- J. Earl Burrell	
9:15-9:20	5. Report of the Nominating Committee -- J. M. Henske	
9:20-9:50	6. Labeling Report -- Roger P. Batchelor, Jr.	
9:50-10:30	7. Association Activities	
	a. Recommendations concerning committee structure -- R. A. Roland	3
	b. Technical and Functional Committee Nominations -- R. A. Roland	4
10:30-10:45	8. New Business	
10:45	9. Adjournment	

CMA 062728

MINUTES OF MEETING
CMA EXECUTIVE COMMITTEE
The Madison, Washington, D. C.
April 8, 1980

1. The meeting was called to order by Board Chairman Henske. There were present:

John M. Henske, Acting Chairman	
J. Earl Burrell	Paul F. Oreffice
Louis Fernandez	Robert A. Roland
Vincent L. Gregory, Jr.	William G. Simeral
Richard J. Hughes	Raymond C. Tower
William C. Krumrei	

Bruce M. Barackman, Secretary
Edmund B. Frost, General Counsel
Gary C. Herrman, Treasurer

By Invitation:

Peter R. Agnew, CMA
Roger P. Batchelor, Jr., Diamond Shamrock Corporation
Geraldine V. Cox, CMA
Richard F. Gold, Stauffer Chemical Company
Stephen L. Goldstein, Olin Corporation
Conrad Kent, Stauffer Chemical Company
Victor H. Peterson, CMA
Edward B. Pollak (SOCMA), Olin Corporation
George F. Polzer, Witco Chemical Corporation
James N. Sites, CMA
William M. Stover, CMA

2. Minutes of the Last Meeting The minutes of the March 11, 1980 meeting, as distributed, were approved.
3. Report on New Member Mr. Barackman advised that Columbian Chemicals Company, a 100% subsidiary of Cities Service Company, would be recommended for election to membership in the Association at the Board meeting later in the day.
4. Treasurer's Report Mr. Herrman reported that the monthly Treasurer's Report would be mailed as soon as it was completed. He indicated that projected year-end results, as reflected in the budget documents, show

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estimated revenue of \$10.5 million, expenses of \$9.4 million and a contribution to reserves of \$1.1 million. Year-end reserves are estimated at \$2.7 million. Year-end results should be better than originally budgeted due primarily to interest income and revenues from an insurance settlement on a previous legal action.

5. Proposed Budget Mr. Burrell, Finance Committee Chairman, described the events leading up to finalization of the proposed budget for fiscal year 1980-81 which was mailed to the Board for their comments. He then reviewed the comments received. Mr. Herrman followed with a summarization of the proposed budget as contained in Exhibits A, B, and C.

Mr. Burrell, on behalf of the Finance Committee, recommended that the proposed budget of \$14,373,200 be approved for presentation to the Board and that the level of fees be as set forth in the present fee schedule, Exhibit D. The recommendation was approved.

6. Report of the Nominating Committee Reporting as the Chairman of the Nominating Committee on which Messrs. Morley and Krumrei also served, Mr. Henske presented the slate listed in Exhibit E. Between now and the next Executive Committee meeting the Nominating Committee will contact the companies designated and obtain the individual nominees to stand for election. The slate was approved. Mr. Henske then invited attention to the established practice of inviting the immediate past Chairman of the Board to continue attending meetings for one year to provide continuity. The Nominating Committee now proposes that following a year off the Board, the past Chairman be named to a new term on the Board in order not to lose the involvement with CMA affairs developed within his company during the term in office.

7. Labeling Report Mr. Batchelor's report is attached as Exhibit F.

8. Superfund Policy Group Report Dr. Fernandez advised that industry executives have contacted committee members on the Senate side, as requested, and they now express serious reservations about proposed Superfund legislation. While the Senate has been quiescent during the past month, renewed activity is expected when the Easter recess ends.

On the House side, although the Association has made available to Rep. Florio's staff language acceptable to us regarding funding (no industry funding) we weren't given his proposed language concerning scope and liability despite his promise to do so. Just before Easter recess Rep. Florio dropped his bill in the hopper.

Meanwhile CMA has continued to convey the message that our position on scope, liability and funding is a united one; we are not opposed to appropriate legislation dealing with orphan sites; and we are willing to work with

taff to develop such legislation. Liaison with other associations continues in order to try to present a common position.

During discussion the Executive Committee reaffirmed the established official position of CMA. If new developments were to suggest the desirability of changing policy, a recommendation to that effect will be presented for consideration of the Executive Committee.

Distributed by General Counsel to those present was an analysis which compared the CMA Superfund position with H. R. 7020 (Florio) and H. R. 6931 (Eckhardt).

Mr. Henske announced that a letter would be sent to CMA Executive Contacts clearly setting forth the Association's unchanged posture in regard to Superfund.

9. Association Activities Mr. Roland requested and received clarification that the Ad Hoc Committee on State Activities, chaired by Mr. George F. Polzer, would present recommendations on how CMA can work more effectively not only with CIC's but also at the grass roots level on state legislative and regulatory problems.

- Semiannual Meeting Sites -- Mr. Roland briefly reviewed the program planned for the 1980 meeting on Monday and Tuesday, October 27 and 28 at the Galleria Plaza Hotel, Houston, Texas. He then presented proposed future semiannual meeting sites for early November or late October as follows: November 2-3, 1981, Hyatt Regency Hotel (Capitol Hill), Washington, D. C.; October 4-5, 1982, The New Orleans Hilton, New Orleans, LA; 1983 New York; 1984, Houston; 1985, Washington, D. C.; and 1986, New Orleans. The list was approved except for the 1982 New Orleans site. Due to the reported circumstances relating to the recent death of Mr. Max A. Minnig, it was directed that the 1982 New Orleans meeting be cancelled, stating the reasons for this action, and that the 1986 New Orleans commitment be made only on a tentative basis. Acceptable assurances are to be requested from responsible government officials that effective steps are being taken to ensure that New Orleans will be a safe place to meet. The situation will be reviewed and a final decision made in 1986 on that year's meeting. Chicago was then proposed as the 1982 meeting site.
- White House Conference -- Mr. Roland advised that a White House Conference on the Administration's voluntary wage-price program has been called for Friday, April 11. Some 30 chemical industry executives have been invited. Mr. Stover has a background paper prepared on the voluntary wage-price program relating to the U. S. chemical industry which is available to anyone having an interest in it.

- Committee Structure --

(a) The recommendation of staff to discontinue the Insurance Committee, Exhibit G, was approved.

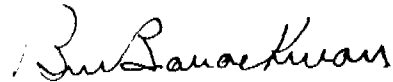
(b) Mr. Roland recommended that the Patents and Information Retrieval Committee be discontinued and that a Patent and Trademark Group and a Chemical Information Group be established in its place. The administration of the former within CMA would be shifted to the General Counsel's office; administration of the latter would be transferred to the Technical Department. Additional nominees as needed would be added to present members to make a total of 15 in each group. The activities and organizational aspects of both groups would be reevaluated at the end of one year and such adjustments as may be appropriate would be made at that time. The recommendation was approved.

- Technical and Functional Committee Nominations -- The nominations contained in Exhibit H, were approved after deleting paragraph eight, Patents and Information Retrieval Committee, consistent with the action taken above to discontinue that committee.

Staff was asked to review the practice of selecting the chairman from the membership of the committee. Consideration should be given to modifying this in order to provide greater flexibility in selection of chairmen.

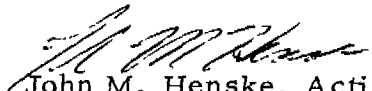
- Results of CMA Meeting on Proposed ASTM Committee on Toxic Effects -- Dr. Cox briefly reviewed the meeting of April 11, and the recommendations resulting from it. During discussion there was a distinct lack of unanimity on the subject of ASTM testing in the area of mammalian toxicity standards. The Executive Committee felt that this issue was not sufficiently understood and while there were arguments in favor of industry participating in a consensus arrangement to develop such test methods, the problems attendant to doing this kind of work outside of the formal regulatory process could present unacceptable difficulties. The final recommendation was to communicate our desire that no new committee be established at this time and that, if possible, additional opportunity be provided for industry to study the proposal and generate further comment for ASTM consideration and guidance. Mr. Roland was instructed to communicate with the ASTM officials in an effort to defer further action for a limited period of time while additional study is made.

Discussion of the previously considered CMA embryo-fetotoxins document as a potential industry guideline then followed. This centered on CMA writing industry standards. A need to identify industry practices which could lead to regulation was expressed. It was suggested that consideration be given to the sharing of responsible companies' practices with other member companies through workshops or informal exchanges of communications. Mr. Roland was requested to ask CMA committee chairmen for their views to be presented for consideration by the Executive Committee.



Bruce M. Barackman
Secretary

Certified correct:



John M. Henske, Acting Chairman
CMA Executive Committee

Exhibit A

CHEMICAL MANUFACTURERS ASSOCIATION
SUMMARY TOTALS OF REVENUE, DIRECT PROGRAM AND MANAGEMENT
AND SUPPORT ACTIVITIES
Current Year Budget & Projection, Proposed FY 80/81 Budget, Estimated Future Years

	Actual FY 78/79 Results	Approved FY 79/80 Budget	Projected FY 79/80 Actual Results	Proposed FY 80/81 Budget	PROJECTED FUTURE REQUIREMENTS			
					FY 81/82 Estimated	FY 82/83 Estimated	FY 83/84 Estimated	FY 84/85 Estimated
<u>REVENUE:</u>								
Membership Dues	\$3,615,300	\$7,298,300	\$7,296,100	\$8,677,300	\$9,545,000	\$10,499,500	\$11,549,500	\$12,704,400
Chemical Communications Action Program (CHEMCAP)	--	1,663,200	1,663,200	4,491,300	--	--	--	--
Investment Revenue	710,300	555,300	300,000	700,000	700,000	700,000	700,000	700,000
Publication Sales	120,900	153,700	21,700	22,000	24,000	26,200	28,500	31,300
Meetings (net of expenses)	115,200	129,000	103,600	117,200	127,700	139,100	151,600	165,100
Overhead Reimbursement - Special Projects	187,000	354,800	368,000	400,000	436,000	475,200	518,000	564,700
All Other	5,600	--	152,000	12,000	12,000	12,000	12,000	12,000
TOTAL REVENUE	\$4,754,300	\$10,155,000	\$10,504,500	\$14,420,300	\$10,844,700	\$11,852,000	\$12,959,600	\$14,177,200
<u>DIRECT PROGRAM ACTIVITIES:</u>								
General Counsel	\$ --	\$ 410,100	\$ 424,000	\$ 638,700	\$ 582,200	\$ 740,400	\$ 303,900	\$ 972,100
Government Relations	--	443,300	469,800	660,400	705,800	766,000	331,300	903,300
International Trade & Economics	--	142,900	155,100	200,300	214,000	232,000	252,100	273,500
Communications & Public Relations	--	850,500	717,600	965,300	1,040,200	1,131,000	1,230,400	1,337,700
Chemical Communications Action Program (CHEMCAP)	--	1,663,200	1,663,200	4,491,800	439,800	477,900	519,600	564,300
Health, Safety & Chemical Regulations	--	656,900	491,200	560,600	595,200	640,900	690,900	745,200
Distribution, Energy, Engineering, & Insurance	--	341,800	319,000	394,900	422,600	453,800	498,200	540,300
Environmental Activities	--	348,900	414,300	535,800	572,600	621,500	674,700	732,900
Hazardous Waste Technical Center	--	244,600	181,200	263,800	282,700	307,000	333,600	362,300
Chemical Transportation Emergency Center (CHEMTREC)	--	440,600	486,600	534,900	574,000	623,300	677,200	736,900
Special Research Projects	--	367,600	382,500	487,700	520,200	564,400	612,700	664,900
External Legal & Technical Consulting Fees	--	2,490,000	2,434,800	2,793,000	2,800,000	2,800,000	2,300,000	2,300,000
TOTAL	\$ N/A	\$8,400,400	\$8,139,300	\$12,527,200	\$8,849,300	\$ 9,363,200	\$ 9,924,600	\$10,533,200
<u>UNALLOCATED MANAGEMENT AND GENERAL SUPPORT ACTIVITIES:</u>								
Relocation Cost & Furniture	\$ --	\$ --	\$ --	\$ 146,000	\$ 46,000	\$ 46,000	\$ 46,000	\$ 46,000
Executive Department	--	656,300	677,300	891,000	955,500	1,037,900	1,128,100	1,225,800
Finance, Accounting, Business and Library Services	--	341,600	353,300	519,300	553,800	601,100	651,600	706,700
Printing & Distribution	--	174,400	226,800	289,700	306,000	331,500	359,200	389,100
TOTAL	\$ N/A	\$1,172,300	\$1,257,400	\$1,846,000	\$1,861,300	\$ 2,016,500	\$ 2,184,900	\$ 2,367,500
TOTAL EXPENSES	\$5,449,600	\$9,572,700	\$9,396,700	\$14,373,200	\$10,710,500	\$11,379,700	\$12,109,500	\$12,900,300
ADDITION TO OR (REDUCTION OF) CMA RESERVES	\$ (694,800)	\$ 582,300	\$1,107,900	\$ 47,100	\$ 134,100	\$ 472,300	\$ 350,100	\$ 1,275,400
PERSONNEL COMPLEMENT	93	124	126	135	135	135	135	135

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CHEMICAL MANUFACTURERS ASSOCIATION
BELOW-THE-LINE BUDGET ITEMS NOT INCLUDED IN
THE PROPOSED FY 80/81 BUDGET OR
WITHIN ESTIMATED FUTURE YEAR TOTALS

ITEMS PREVIOUSLY APPROVED BUT SUBJECT TO POLICY REVIEW:	Proposed FY 80/81 Budget	ESTIMATED FUTURE YEARS			
		FY 81/82 Estimated	FY 82/83 Estimated	FY 83/84 Estimated	FY 84/85 Estimated
• National Economics Research Associates TSCA economic impact study.	\$ 200,000	\$ 250,000	\$ 100,000	\$ --	\$ --
• Chemical Industry Communications Action Program (ChemCAP)	--	4,000,000	4,000,000	4,000,000	4,000,000
	<u>\$ 200,000</u>	<u>\$4,250,000</u>	<u>\$4,100,000</u>	<u>\$4,000,000</u>	<u>\$4,000,000</u>

POSSIBLE FUTURE PROGRAM INCREASES:

• Expansion of CMA activities to include limited State level legislative and regulatory programs	\$ 498,800	\$ 543,700	\$ 592,600	\$ 646,000	\$ 704,100
• Installation and study of CHEMTREC upgrade, phase III	30,000	170,000	185,000	202,000	220,200
	<u>\$ 528,800</u>	<u>\$ 713,700</u>	<u>\$ 777,600</u>	<u>\$ 848,000</u>	<u>\$ 924,300</u>

EXCLUSIONS BASED ON LIMITED RESOURCES:

• Technical Consulting Fees	\$ 505,500	\$ 505,500	\$ 505,500	\$ 505,500	\$ 505,500
• Changes in Authorized Staff Positions	464,000	505,800	551,300	600,900	655,000
	<u>\$ 969,500</u>	<u>\$1,011,300</u>	<u>\$1,056,800</u>	<u>\$1,106,400</u>	<u>\$1,160,500</u>
TOTAL NOT INCLUDED	<u>\$1,698,300</u>	<u>\$5,975,000</u>	<u>\$5,934,400</u>	<u>\$5,954,400</u>	<u>\$6,084,800</u>

CHEMICAL MANUFACTURERS ASSOCIATION
STAFF RECOMMENDATIONS, FUNDING, AND RESERVE CONSIDERATIONS
PRELIMINARY BUDGET FY 80/81

1. The preliminary FY 80/81 expense budget totals \$14,373,200 and sets forth staff's initial recommendations on program expenses for the coming year. If approved at the March 10 and 11 Finance and Executive Committee meetings, the budget will be finalized and presented to the CMA Board of Directors at its April meeting.
2. Staff recommends, and the preliminary budget incorporates, no change in the schedule of membership fees as approved during the past year. If the existing fee schedule is approved, CMA reserves are projected to be as follows:

	<u>Estimated Increase In Reserves</u>	<u>Estimated May 31 Total Reserve Balance</u>	<u>Estimated Reserves in Furniture & Equipment</u>	<u>Approximate Cash Reserves</u>	<u>Cash Reserves as a % of Expenses</u>
Actual Reserves on May 31, 1979		\$1,576,700	\$ -	\$1,576,700	39%
FY 79/80	\$1,107,900	2,684,600	-	2,684,600	48%
FY 80/81	47,100	2,731,700	(610,000)*	2,121,700	28%
FY 81/82	134,100	2,865,800	(610,000)	2,255,800	29%
FY 82/83	472,300	3,338,100	(610,000)	2,728,100	32%
FY 83/84	850,100	4,188,200	(610,000)	3,578,200	38%
FY 84/85	1,276,400	5,464,600	(610,000)	4,854,600	48%

CMA policy has been that reserves should not fall below 25% and should be built up to a level of 50% of committed or fixed expenses. Fixed expenses for purposes of this definition are represented by total expenses less estimated payments to outside counsel, consultants, advertising and public relations firms, and similar types of payments. The preliminary budget as submitted should permit the continued rebuilding of reserves toward the 50% level.

*During FY 80/81, CMA will shift from a cash to an accrual basis of accounting. Furniture and equipment requirements for the new headquarters facility are estimated by our space planners at \$460,000 and continued upgrading of existing equipment is estimated at \$150,000 as detailed in the capital equipment request. After removing estimated furniture and equipment balances included in total reserves, the approximate cash reserves are as shown above.

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CHEMICAL MANUFACTURERS ASSOCIATION MEMBERSHIP FEE CLASSIFICATION

(Chemical Sales Basis)

Fiscal Year Beginning June 1, 1979

The following schedule of fees was established by the Board of Directors as provided under the CMA Bylaws Article IV, Section 2. This schedule includes an 85% increase over the prior year and represents the first increase in the CMA fee schedule since 1966.

Chemical Sales Calendar Year 1978 \$ Million	Membership Fee
Under - 1.0	\$ 745
1.0 - 2.5	1,495
2.5 - 5.0	2,565
5.0 - 7.5	3,630
7.5 - 10.0	4,275
10.0 - 15.0	5,340
15.0 - 25.0	6,410
25.0 - 50.0	0.0257% *
50.0 - 100.0	0.0235% *
100.0 - 400.0	0.0214% *
Over - 400.0	0.0192% **

* Up to but not more than the membership fee which would be obtained by multiplying the minimum amount of the next higher chemical sales bracket by the percentage factor applicable to the higher bracket.

** Maximum Fee \$240,500
Canadian Members \$ 1,495 (flat fee)

** Maximum Fee increases to \$259,000 in
FY 80/81 and to \$277,500 for FY 81/82

Nominating Committee Report
for year beginning June 1, 1980

Chairman of the Board	H. Barclay Morley Chairman of the Board and CEO Stauffer Chemical Company
Vice Chairman of the Board	To be confirmed
Chairman of the Executive Committee	Paul F. Oreffice President The Dow Chemical Company
President	Robert A. Roland

New Directors

to be nominated from the following companies:

Air Products and Chemicals, Inc.
American Cyanamid Company
Church & Dwight Co., Inc.
Diamond Shamrock Corporation
GAF Corporation
W. R. Grace & Co.
Hercules Incorporated
Mallinckrodt, Inc.
Merck & Co., Inc.
National Starch and Chemical Corporation
Polysar Limited
Shell Chemical Company, A Division of Shell Oil Company
Soltex Polymer Corporation
Sun Company
Ventron Division of Thiokol Corporation
Virginia Chemicals Inc.

Alternates: Mobay Chemical Corporation
Univar Corporation

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Special Report of the
Intercommittee Task Group on Hazard Communications

To The
Executive Committee
April 8, 1980

The Intercommittee Task Group on Hazard Communications is a special committee formed by CMA on May 29, 1979, to represent the combined interests of CRAC, OSHC, and the Distribution Committee. The Task Group is specifically chartered to oversee and appropriately respond to EPA and OSHA proposed labeling rules to be published this Spring. Other trade associations have been invited to participate in the Task Group's activities to gain a broad base preliminary consensus on labeling issues raised by the agencies' draft rules.

We are now in phase one of the three phase regulatory process, which includes drafting a rule, notice of proposed rule-making and public comment, and publishing the final rule. We have reviewed the drafts now being polished by OSHA and EPA and our meeting attendees have reached preliminary agreement on objectionable legal issues raised by the drafts. Unresolved issues will need to be addressed in formal comments and possible litigation after the rules are published in May or June.

The latest drafts of both agencies are in many ways compatible; however, OSHA seems to view the EPA's rule as one setting minimum requirements to be expanded upon as products move from commerce into the workplace. For instance, EPA's draft does not require chemical identification on labels; however, OSHA intends to require disclosure of specific chemical identity on the product containers and elsewhere in the workplace.

EPA now intends to publish a two-part rule, one for substances with acute hazards based on the ANSI Z 129.1 - 1976 standard but without an exclusion for chemicals which do not present unreasonable risk under their particular conditions of use and exposure. A second part will list chemicals with known carcinogenic effects where each substance requiring labeling would be dealt with on a chemical-by-chemical basis. OSHA, on the other hand, intends to publish only one rule combining acute and chronic hazard warnings. Their rule uses broad definitions of toxic and hazardous that could apply to virtually any substance listed on the TSCA inventory or on the NIOSH Registry of Toxic Substances.

Under the proposed rules, when labeling is required, it would cover all the smallest containers and would include process vessels and mobile transfer equipment.

Our Task Group has found OSHA particularly unreceptive to protection of proprietary chemical formulas and limitations on the definition of hazardous substance. In a letter (Fall of 1979) from Mr. George Taylor (AFL-CIO) to Mr. Douglas Costle (EPA), Mr. Taylor recounts earlier "commitments" and understandings reached during a meeting between him and Mr. Costle and Dr. Bingham. In that letter Mr. Taylor states that it is organized labor's understanding that EPA and OSHA are committed to the expeditious publication of coordinated labeling regulations. Mr. Taylor points out that there are fewer constraints on requiring full disclosure of chemical identities under OSHA than under TSCA and states that all chemicals whose identities can be determined must be covered by the regulation. He adds that an approach that would allow generic name identification is totally unacceptable to the AFL-CIO.

Action required: None. For information only.

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STAFF RECOMMENDATION ON INSURANCE COMMITTEE STATUS

Recommendation: Discontinuance of CMA Insurance Committee.

Current CMA interests relative to product liability legislation, workers' compensation and Superfund risk management are being covered well by other CMA groups such as the lawyers' group on tort law reform, the Occupational Safety & Health Committee and the Environmental Management Committee. Members of these other groups can review risk management aspects with their company insurance counterparts as the need occurs. The Insurance Committee members and many other member insurance contacts would be willing to serve on a task group to provide assistance in dealing with specific issues.

Background: The original Committee purpose follows:

- With respect to the major areas and causes of accidental loss of significance to the chemical manufacturing industry and methods of controlling and financing such loss through industrial insurance or other means, the Committee will: serve as a forum for discussion of chemical manufacturing industry concerns; develop and recommend to the Executive Committee policies and positions on legislative, regulatory, and technical questions; and provide support for authorized Association programs.

In 1979, the Committee reviewed proposed legislation and formulated recommendations for CMA's positions on Alternatives to Product Liability Insurance and Workers' Compensation. However, member company participation at scheduled seminars declined as follows:

October 1978 seminar	30 member companies represented
May 1979 "	26 " " "
October 1979 "	Cancelled due to apparent lack of interest

A telephone survey of about 70 member company insurance contacts indicates that the insurance function is only a part-time endeavor, so they would only be inclined to attend local meetings.

Action Required: Approval of above recommendation.

TECHNICAL AND FUNCTIONAL COMMITTEE NOMINATIONS

A. Effective June 1, 1980:

1. Chemical Regulations Advisory Committee

Chairman: Lee Starr, Celanese Corporation

Term ending May 31, 1983:

George Y. Brokaw, Tennessee Eastman Company
Bruce H. Brubaker, Diamond Shamrock Corporation
E. Hamilton Hurst, Nalco Chemical Company
A. W. Lawrence, Koppers Company, Inc.
Thomas W. Mooney, The Procter & Gamble Company

2. Distribution Committee

Chairman: Lowell E. Anderson, Amoco Chemicals Corporation (re-election)

Term ending May 31, 1983:

C. Duane Carley, Hooker Chemical Company
Arthur C. Fennimore, American Cyanamid Company
P. R. Malcolm, El Paso Products Company
T. J. Regan, IMC Chemical Group, Inc.
James M. Roberts, Phillips Chemical Company

3. Energy Committee

Chairman: Hugh R. Irvine, Exxon Chemical Company U.S.A. (re-election)

Term ending May 31, 1983:

James D. Beatty, The Procter & Gamble Company
Ernest C. Fredericks, Engelhard Minerals & Chemicals Corporation
Charles P. Fullerton, Monsanto Company
Daniel M. Greeno, Stauffer Chemical Company
E. K. Grigsby, Phillips Chemical Company

4. Engineering Advisory Committee

Chairman: Walter G. Canham, Monsanto Company

Term ending May 31, 1983:

J. C. Arnold, El Paso Products Company
Thomas W. Booth, Tennessee Eastman Company
James J. Jackson, Borg-Warner Chemicals, Borg-Warner Corporation
Robert L. Klausmeier, E. I. du Pont de Nemours & Company
Bertram B. Pearlman, Stauffer Chemical Company

5. Environmental Management Committee

Chairman: Charles L. Sercu, Dow Chemical U.S.A. (re-election)

Term ending May 31, 1983:

J. H. Davis, Ashland Oil, Inc.
James C. Edwards, Tennessee Eastman Company
Walter E. Jackson, United States Steel Corporation
Edward L. Lantz, IMC Chemical Group, Inc.
Robert Reichardt, E. I. du Pont de Nemours & Company

6. Government Relations Committee

Chairman: William C. Lowrey, Shell Oil Company

Term ending May 31, 1983:

Carl F. "Fritz" Emde, Air Products and Chemicals, Inc.
Peter Jarowey, Cabot Corporation
J. Wilson Malloy, Jr., Eastman Chemical Products, Inc.
Robert L. Shafer, Pfizer Inc.
Cecil Timberlake, Phillips Petroleum Company

7. Occupational Safety and Health Committee

Chairman: Richard L. O'Connell, M. D., Olin Corporation (re-election)

Term ending May 31, 1983:

Patrick McNulty, Rohm and Haas Company
Myrl E. Miller, IMC Chemical Group, Inc.
Jonathan Plaut, Allied Chemical Corporation
Gloria Portela-Cubria, The Standard Oil Company (Indiana)
Jerry Robertson, Exxon Chemical Company U.S.A.

8. Patents and Information Retrieval Committee

Chairman: Richard G. Waterman, Dow Chemical U.S.A.

Term ending May 31, 1983:

Leon Chasan, Exxon Chemical Company
Anthony Costanzo, ARCO Chemical Company
Kathryn Donovan, Pennwalt Corporation
Donald J. Quigg, Phillips Petroleum Company
T. E. Tinkler, Diamond Shamrock Corporation

NOTE: Item 8 above was deleted by action of the Executive Committee upon discontinuing the Patent and Information Retrieval Committee.

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9. Tax Policy Committee

Chairman: Wallace J. Clarfield, Olin Corporation (re-election)

Term ending May 31, 1983:

Eldin H. Glanz, Hercules Incorporated
Paul Glaser, Engelhard Minerals & Chemicals Corporation
McCarter Middlebrook, Gulf Oil Corporation
John Skelly, Pennwalt Corporation
Clement Wydra, Diamond Shamrock Corporation

B. Effective April 8, 1980:

1. Communications Committee

Kevin J. O'Leary, Olin Corporation (for term ending May 31, 1981)

2. Occupational Safety and Health Committee

John R. Venable, M. D., Dow Chemical U.S.A. (to fill the unexpired
of Benjamin B. Holder, M. D. - term ending May 31, 1981)

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