

Manufacturing Chemists Association

PLASTICS COMMITTEE

Minutes of Meeting

Springfield, N. J.

May 7, 1970

MEMBERS PRESENT

T. B. Nantz, Chairman	B. F. Goodrich Chemical Company
R. L. Schuyler, Vice Chairman	E. I. du Pont de Nemours & Company
W. L. Daly (for J.J. Lenahan)	Hooker Chemical Corporation
C. E. Denoon, Jr.	Rohm and Haas Company
E. S. Ebers	Uniroyal, Inc.
C. H. Hantho	Canadian Industries Limited
W. J. Heberle (for F.E. Reese)	Monsanto Company
J. T. Moore (for D.C. Williams)	Eastman Chemical Products Inc.
C. M. Neher	Ethyl Corporation
E. W. Phares, II	Dart Industries Inc.
C. R. Scott	Phillips Petroleum Company
J. G. Temple (for M.H.P. Morand)	The Dow Chemical Company
George E. Best, Secretary	MCA Staff

GUESTS PRESENT

A. J. Warner *	DeBell & Richardson, Inc.
Ralph Harding, Jr. **	The Society of the Plastics Industry
R. D. Lambert	MCA Staff

* For the presentation of his report only.

** For the presentation of Mr. Warner's report and comments on SPI program.

MEMBERS ABSENT

H. C. Wechsler	Borden Inc.
R. E. Workman	The Goodyear Tire & Rubber Company

1. Minutes of November 24, 1969 Meeting

The minutes were declared approved as distributed.

2. Board Liaison Committee for Other Technical Committees -
E. S. Ebers

Dr. Ebers, a member of this Board Liaison Committee which includes the Plastics Committee among those over which it has surveillance, had no special message to convey in this connection.

The secretary stated that the Plastics Committee has been scheduled to report to the Board of Directors at their meeting on November 23, 1970.

3. Nomination of Committee Officers

Just prior to the Committee meeting, Mr. Nantz met with Messrs. Ebers, Hantho, and Scott constituted as a Nominating Committee, which then presented a slate consisting of Mr. Schuyler for chairman and Dr. Neher for vice chairman, for a term of two years beginning June 1, 1970. There were no further nominations, and the secretary was requested to submit this slate for election by letter ballot.

4. Committee Membership

The roster of the Committee and rotation practice were reviewed, bearing in mind distributed representation and avoidance of predominance in either kind or quantity of individual types of plastics materials. From these considerations the following future composition of the Committee was determined, subject to acceptance by the individuals concerned and Board of Directors' approval of new appointees:

<u>To May 31, 1971</u>	<u>To May 31, 1972</u>	<u>To May 31, 1973</u>
C. E. Denoon, Jr.	E. S. Ebers	Henry Avery 4/
T. B. Nantz	E. W. Phares, II	G. M. Hale 5/
C. M. Neher 1/	J. J. Lenahan	R. L. Schuyler
R. B. Nesbitt 2/	F. E. Reese	H. C. Wechsler 6/
J. G. Temple, Jr. 3/	C. R. Scott	D. C. Williams 6/

- 1/ One-year extension of current membership.
- 2/ Enjay Chemical Company - one-year new appointment to fill unexpired term of Mr. Roger G. Richards, deceased.
- 3/ (The Dow Chemical Company) - One-year new appointment to fill unexpired term of Mr. M. H. P. Morand who is resigning because of re-assignment within his company.
- 4/ (USS Chemicals) - Regular three-year new appointment.
- 5/ (Gulf Oil Canada Limited) - Regular three-year new appointment.
- 6/ Three-year extension of current membership (appointed October 1969).

The service of Messrs. Hantho, Morand, and Workman, who will shortly be terminating Committee membership, was noted with appreciation.

5. Plastics Financial Package

The secretary presented a report - see attachment to these minutes - comparing the budget and expenditures for fiscal year 1969-70 and the proposed budget for fiscal year 1970-71 as already approved by the Plastics Group and by the MCA Executive and Finance Committees.

6. Fall Conference - Absecon, N. J., September 8-11, 1970

Subject to his acceptance, Mr. Avery was designated chairman of the Arrangements Committee with the authority to select others of his choice to work with him on this assignment.

7. Plastics Group Dinners

Special mention was made of the dinner being scheduled for Wednesday (June 3) at The Greenbrier in conjunction with the MCA Annual Meeting, inasmuch as the MCA Banquet will be held Thursday instead of Friday evening as in former years. The secretary reported 125 have already registered for the Plastics Group Dinner.

The secretary also reported that the Mercury Ballroom at the New York Hilton has already been reserved for the Plastics Group Dinner on November 23, 1970, the evening before the MCA Semi-Annual Meeting.

8. Sponsored Projects

8.1 Weatherability Research (National Bureau of Standards)

In the absence of Mr. W. F. Bartoe, chairman of the Steering Committee, the secretary reported that the principal program had been terminated in March 1970 as scheduled, that some of the technical reports were still to come but there is every expectation these will issue in due course as promised by Dr. J. E. Clark, the project leader, whose employment at NBS is continuing.

Arrangements were made for annual testing of specimens under outdoor exposure, with NBS compilation of test data from four cooperating companies as planned. It is expected this will be financed by a grant rather than a contract, with the amount of the grant not expected to exceed \$2,000. (Prior approval was for an amount up to \$2,500, if needed.)

Mr. Lambert inquired whether some future consideration might be given to a second symposium to bring out information developed under the research program.

8.2 University Research

The secretary indicated that Mr. Bartoe is making inquiries among industry people regarding the desirability of starting support of university research at some new location if contributions to M.I.T. and Case Western Reserve were discontinued. A recommendation on this question is due for presentation to the plastics Committee at its November 23, 1970 meeting.

Final tally on the letter ballot to reconsider the action of the Committee and continue \$7,500 support each to M.I.T. and Case Western Reserve in the 1970-71 fiscal year as recommended by the Plastics Technical Subcommittee was 11 in favor and 3 opposed.

8.3 Plastics Solid Waste (DeBell & Richardson)

Mr. A. J. Warner, president of D & R, presented an oral report on his recent trip to Europe which he said drew largely on the results of a two-year study by the Society of the Chemical Industry (England). He consulted contacts in France, Germany, and Switzerland as well, and plans to cover Japanese developments in the near future. He stated U. S. information is being accumulated meanwhile; that they have worked ahead on our project to the extent that he expects completion of their written report by the end of the summer.

His account of European findings was encouraging, particularly in regard to incineration. The low content (averaging about 2%) of plastics materials in domestic refuse appears to pose no problems for properly designed and operated incinerators. Where halogenated plastics such as PVC are involved, there exists the possibility of retention of considerable quantities of chloride in the ash if its composition is controlled; corrosion can be minimized through avoidance of reducing conditions and below-dew-point temperatures; and scrubbing of exit gases is feasible. European practice trends toward rotary incinerators with waste heat recovery.

After Mr. Warner left the meeting, two further proposals from D & R, presented as attachments to the agenda, were discussed. It was VOTED to approve contracting for the up-dating outlined in the initial proposal (\$5,000) and for additional investigation of incinerator technology under the proposal dated 3/30/70 calling for \$17,000.

The second new proposal dated 4/1/70 concerned support of scientific contacts with such bodies as the National Academy of Sciences/National Research Council. It was decided, with Mr. Ralph Harding present and concurring, that such an activity would be more appropriate for SPI consideration, inasmuch as heavy identification with plastics end-products would be inevitable.

Mr. Harding spoke of SPI's formation of an Environmental Committee, with Mr. E. E. Winne of Hooker Chemical as chairman. Membership includes Dr. Denoon and Mr. Nantz. Mr. Harding stated a decision had been reached last week to obtain \$300,000 for their program, half for public relations and half for research and development. A large part of the latter will be used for the incineration research contract already announced with New York University.

Mr. Harding spoke of his pleasure in and desire for close coordination between SPI and MCA programs, and his confidence that the project at DeBell & Richardson would be a valuable contribution.

9. Future Committee Meetings

June 4, 1970 Directors' Room, The Greenbrier, White Sulphur Springs, W, Va. Breakfast Meeting - 7:15 AM
Outgoing as well as incoming members invited.

November 23, 1970 To be arranged at The Chemists' Club, New York City, starting with luncheon.

NOTE: The secretary advised that henceforth it would be necessary to bill Committee members for reception and lunch on such occasions rather than absorb it in dinner expenses as heretofore.

George E. Best
George E. Best
Secretary

GEB:er
Attachment
May 13, 1970

cc: Mr. B. M. Barackman
Mr. Lloyd Symington
Mr. W. F. Bartoe

Manufacturing Chemists Association
 PLASTICS FINANCIAL PACKAGE
 Budget and Expenditures for Fiscal Year 1969-70
 and
PROPOSED BUDGET for Fiscal Year 1970-71

	Budget Fiscal Year 1969-70	Expenditures Fiscal Year 1969-70	PROPOSED BUDGET Fiscal Year 1970-71
1. Administrative	\$ 250	\$ 4	\$ 200
2. Travel & meetings	400	14	200
3. Memberships	25	48	60
4. Research			
(a) Case-Western Reserve	7,500	7,500	7,500
(b) M.I.T.	7,500	7,500	7,500
(c) Weatherability [NBS] Reserve for delayed charges on terminated project	63,220 --	49,349 --	2,500 6,500
5. Waste Disposal (DeBell & Richardson)	10,000*	10,000	15,000
6. Reserve for further studies in waste disposal or other projects to be recommended	--	--	35,000
TOTAL	\$ 88,895	\$ 74,415	\$ 75,060

*Approved 1/13/70 on basis
 that 4(c) would be under-
 spent.

May 4, 1970

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