

MANUFACTURING CHEMISTS' ASSOCIATION

MEDICAL ADVISORY COMMITTEE

Minutes of Meeting

Windsor Park Hotel, Washington, D. C.

March 18, 1963

Present:

Dr. T. W. Nale, Chairman	Union Carbide Corporation
Dr. A. J. Fleming	E. I. du Pont de Nemours & Co.
Dr. H. H. Golz	American Cyanamid Company
Dr. L. C. Haslam	Canadian Industries Limited
Dr. R. E. Kelly	Monsanto Chemical Company
Dr. J. F. Osterritter	Celanese Corporation of America
Dr. H. B. Snyder	Humble Oil & Refining Co.
Dr. W. L. Sutton	Eastman Kodak Company
Mr. F. G. Stephenson, Secretary	Manufacturing Chemists' Association

1. Minutes of the December 7, 1962 meeting were approved.

2. Rules of Organization and Procedure

The draft for the Committee's rules of organization and procedure as prepared by Drs. Sutton and Golz at a meeting at MCA offices on February 20, 1963 was discussed and a final copy unanimously approved.

The secretary was requested to submit this copy to the Board of Directors for approval (see attachment).

3. Appointment of Officers

Subject to approval by the Board of Directors, the Committee unanimously appointed Dr. A. J. Fleming of E. I. du Pont de Nemours as chairman for the period June 1, 1963 to May 31, 1965.

4. Membership

In accordance with the system of membership rotation incorporated in the new rules of organization and membership, Dr. R. E. Kelly and Dr. T. W. Nale will retire from committee membership as of May 30, 1963.

The following were unanimously appointed members as of June 1, 1963:

Dr. J. Noe, Wyandotte Chemicals Corporation
Dr. C. U. Dernehl, Union Carbide Corporation

5. Panel Session at MCA Semi-annual Meeting

It was agreed to develop a panel session on "Executive Health" for the MCA semi-annual meeting to be held in New York on November 26, 1963.

Dr. Fleming undertook to arrange for speakers and thought the topic might well be covered in speeches dealing with the meaning of stress disease, stress disease in company executives, and how to maintain executive health. Other approaches were also discussed include the possibility of a paper on emotional health in executive personnel.

6. Questionnaire on Toxicity of Missile Chemicals

The secretary agreed to forward to all Committee members a copy of the report on the questionnaire sent by the Technical Subcommittee on Chemical Propellant Safety to manufacturers of fluorine, UDMH, hydrazine, pentaborane, chlorine trifluoride, and nitrogen tetroxide. See attachment.

7. Chemical Safety Data Sheets

Dr. Golz stated that the medical management sections of the chemical safety data sheet on acrylonitrile should be revised. The secretary undertook to ask Mr. S. F. Spence of American Cyanamid Co. if the technical sections should also be revised

8. Carcinogenic Effects of Plastics

Reference was made to a bibliography developed by UCC on Implantation of Polyethylene and Other Plastics in Animals. This is reproduced as follows from a letter addressed by Dr. Nale to Dr. Fleming on January 9, 1963.

"Sarcomas Induced in Rats by Implanting Cellophane," B. S. Oppenheimer, Enid T. Oppenheimer, and A. P. Stout, PROCEEDINGS OF THE SOCIETY FOR EXPERIMENTAL BIOLOGY AND MEDICINE, Volume 67, pages 33-4, 1948.

"Sarcomas Induced in Rodents by Imbedding Various Plastic Films," B. S. Oppenheimer, Enid T. Oppenheimer, and A. P. Stout, IBID., Volume 79, pages 366-9, 1952

"Cancerogenic Action of Plastic Films," H. Druckrey and D. Schmahl, NATURFORSCHUNG 7b, 1952.

"Further Studies of Polymers as Carcinogenic Agents in Animals," B. S. Oppenheimer, Enid T. Oppenheimer, I. Danishefsky, A. P. Stout, and F. R. Eirich, CANCER RESEARCH, Volume 15, pages 333-40, June 1955.

"The Latent Period in Carcinogenesis by Plastics in Rats and Its Relation to the Presarcomatous Stage," B. S. Oppenheimer, Enid T. Oppenheimer, A. P. Stout, M. Willhite, and I. Danishefsky, CANCER, Volume 11, No. 1, pages 204-213, January-February, 1958.

"Studies of the Mechanism of Carcinogenesis by Plastic Films," B. S. Oppenheimer, Enid T. Oppenheimer, A. P. Stout, I. Danishefsky, and M. Willhite, ACTA UNION INTERNATIONALE CONTRE LE CANCER, Volume XV, Nos. 3-4, pages 659-662, 1959.

"Biochemical Changes during Carcinogenesis by Plastic Films," I. Danishefsky, Enid T. Oppenheimer, M. Willhite, A. P. Stout, and M. M. Fishman, CANCER RESEARCH, Volume 19, No. 11, pages 1234-1238, December, 1959.

"Autoradiographic Studies on the Connective Tissue Pocket Formed around Imbedded Plastics," Enid T. Oppenheimer, M.M. Fishman, A. P. Stout, M. Willhite, and I. Danishefsky, IBID., Volume 20, No. 5, pages 654-657, June, 1960.

"Observations on the Effects of Powdered Polymer in the Carcinogenic Process," Enid T. Oppenheimer, M. Willhite, I. Danishefsky, and A. P. Stout, IBID., Volume 21, No. 1, pages 132-134, January, 1961.

In his letter, Dr. Nale pointed out that the Food and Drug Administration has not accepted evidence of a high incidence of sarcomas resulting from the placing of plastic films around rat kidneys as being applicable to uses involving ingestion, and thus have considered polyethylene, vinyl, etc. as suitable for food packaging.

It has likewise been shown that the wax coatings on milk cartons are not carcinogenic (See TOXICOLOGY AND APPLIED PHARMACY, January 1963) though the incidence is alleged of cancer in workmen exposed to crude wax in their manufacture.

9. Votes of thanks were expressed to Dr. R. E. Kelly and to Dr. T. W. Nale for their services to the Committee both as

members and as chairmen.

10. Next Meeting

It was agreed to hold the next meeting in September or October 1963 at a time and place to be decided by the chairman.

Minutes subject to approval

FGS:cm

4/2/63

RULES OF ORGANIZATION AND PROCEDURE OF
THE
MEDICAL ADVISORY COMMITTEE
OF THE
MANUFACTURING CHEMISTS' ASSOCIATION, INC.

Approved by The Committee March 18, 1963

Note: The following specific rules of organization shall be in addition to and shall not in any way be contrary to the general rules of organization and procedure approved by the Board of Directors for all MCA committees.

1. NAME

The name of the Committee shall be:

MEDICAL ADVISORY COMMITTEE
OF THE
MANUFACTURING CHEMISTS' ASSOCIATION, INC.
HEREIN CALLED "THE COMMITTEE"

2. PURPOSES

The purposes of The Committee as delegated to it by the Association shall be:

- 2.1 Advise the Board of Directors regarding any health hazards to workers in the chemical industry and to consumers of the industry's products.
- 2.2 Initiate health programs or investigations as applicable to the industry.
- 2.3 Advise and collaborate with other committees or the staff of MCA on any matters pertaining to the health of employees and consumers.
- 2.4 Exchange professional information of a medical nature concerning health problems peculiar to the chemical industry.
- 2.5 Assemble data referable to health problems unique to the industry.
- 2.6 Assist member companies in the establishment or revision of existing health services.

MEMBERSHIP

- 3.1 The membership of The Committee shall be limited to 8 representatives of member companies who are doctors of

medicine employed on a full time basis for the purpose of providing a preventive occupational health service for their respective companies.

- 3.2 All proposals for membership shall be considered for approval first by The Committee and second by the Board of Directors. The Committee will consider all proposals for membership on the basis of the individual's training and experience in occupational health. The Committee will attempt to maintain a balanced representation, including a Canadian representative.
- 3.3 Two eligible new or former members will be elected each year to serve a four year term. At the end of his four year term a member is not eligible for reappointment nor can he serve as a member of The Committee for the following twelve months except to complete his term of office as chairman or to fill a vacancy existing because a qualified replacement is not available.
- 3.4 A vacancy on The Committee may be filled at any time by electing an eligible new or former member to complete the unexpired term of the former incumbent. Since those elected to fill vacancies will not have completed a four year term, the 12 month ineligibility rule under 3.3 for reappointment is waived.
- 3.5 Proposals for membership will be accepted and processed at any time whether or not vacancies exist. Those who are accepted will become members as vacancies arise.
- 3.6 A member who fails to attend a total of two meetings during any two year period will be automatically suspended. If there are extenuating circumstances for his absence, The Committee may reinstate the member by majority vote.
- 3.7 The present Committee members will be retired in accordance with their length of uninterrupted service on The Committee. Those with the longest service will be the first to be released to permit the election of two eligible new or former Committee members each year.
- 3.8 Election of new members and officers will take place at the annual Spring meeting and will be effective from June 1 of that year except as provided by 3.4.

4. OFFICERS

The Committee shall elect its own chairman who shall serve for a period of two years.

5. MEETINGS

- 5.1 There will be no less than two regular meetings in any year.
- 5.2 Representatives of member companies may attend any regularly scheduled meeting provided the chairman is advised beforehand.