

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