

MINUTES of the two-hundred eighty-ninth meeting of the Board of Directors of the Chemical Manufacturers Association, Inc., held at Silverado Country Club, Napa Valley, California, on Monday at 8:00 a.m. and Tuesday at 9:00 a.m., August 30 and 31, 1982.

Directors:	William G. Simeral, Chairman Edwin C. Holmer, Vice Chairman Dexter F. Baker Raymond F. Bentelle Charles E. Brookes Harry W. Buchanan A. A. Burris, Jr. Carlyle G. Caldwell Lester E. Coleman Orell T. Collins Harry Corless Robert S. Dudley Louis Fernandez John T. Files Alec Flamm Joseph P. Flannery Arthur L. Goeschel (1) Floyd D. Gottwald, Jr. Vincent L. Gregory, Jr. (1) T. Marshall Hahn, Jr.	Ben C. Hayton James B. Henderson (1) Paul F. Hoffman Ray R. Irani John S. Ludington Dwight C. Minton Roy F. Reid Robert A. Roland M. Whitson Sadler James F. Schorr George J. Sella, Jr. (1) Harold A. Sorgenti Allan J. Tomlinson Edward A. Von Doersten Konrad M. Weis (1) William G. West Louis G. Zachary
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Secretary:	Bruce M. Barackman Gary C. Herrman David F. Zoll
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By Invitation	James D. Beatty, The Procter & Gamble Company (1) David W. Carroll, CMA (1) Will D. Carpenter, Monsanto Company (1) Geraldine V. Cox, CMA John E. Dull, E. I. du Pont de Nemours & Company Robert E. Hampton, ICI Americas Inc. Morgan M. Hoover, CMA (1) Leo H. Johnstone, Phillips Petroleum Company Robert L. Klausmeier, E. I. du Pont de Nemours & Company (1) Paul F. Oreffice, The Dow Chemical Company Victor H. Peterson, CMA Ernest S. Robson, Jr. (SOCMA), Monsanto Company Henry J. Sauer, CMA (1) James H. Senger, Monsanto Company William M. Stover, CMA Richard L. Wilson, CMA
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(1) first day only

will now be used to critique analyses done by government agencies.

BIOMEDICAL AND ENVIRONMENTAL SPECIAL PROGRAMS DIVISION

- Comments on inorganic arsenic were filed with OSHA on June 18, 1982. OSHA's public hearings on limited reopening of the inorganic arsenic records were held July 13-16. Based on an analysis of 20% of the epidemiological data from Anaconda Smelters, CMA's consultant concluded that exposures below 500 ug/m³ do not present an increased risk of respiratory cancer to workers. If this analysis is correct, it will be the first scientific demonstration of a threshold for an alleged human carcinogen. CMA's Regulatory Impact Special Committee (RISC) committed up to \$25,000 to cofund the effort to complete the analysis of the remaining data from the Anaconda study.
- The final report on a six-hour acute inhalation study on allyl chloride was received from the contractor. This completes the Panel's research activities.
- CMA released the final report on an ortho-dichlorobenzene (ODCB) teratology study in rats and rabbits. Exposure to 0, 100, 200 or 400 ppm ODCB via inhalation was not embryotoxic or teratogenic in either species.
- On June 1, the Ethylene Dibromide Panel filed comments on OSHA's ANPR regarding the occupational standard for ethylene dibromide.
- OSHA and the Public Citizen Health Research Group filed motions for summary judgment in the pending lawsuit on ethylene oxide. The Ethylene Oxide Industry Council's (EOIC) Legal Task Force recommended that the Council not get directly involved in the suit. The two major issues in the suit are: 1) the need for an Emergency Temporary Standard (ETS) on EO; and, 2) OSHA/EPA jurisdiction overregulation of workers in the sterilant device industry.
- EPA filed an affidavit in a New York District Court which described the Agency's plans for acting on a backlog of ITC chemicals under TSCA Section 4(a). Thirteen chemicals are scheduled for a test rule, or decision not to test, in the third and fourth quarters of 1982. Methyl ethyl ketone and methyl isobutyl ketone were substituted for the alkyl epoxides (including ethylene oxide) and methylenedianiline. The latter two appeared on an earlier listing. The affidavit does not affect EPA's internal timetable

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"search for zero" in measuring PCB concentrations. A request for cross-examination was made.

- Elars Bioresearch Laboratories toxicology facilities closed with screening for the CMA Phase II zinc dialkyl dithiophosphates (ZDDP) research in progress. The protocol for this study is being rebid.

EPA is considering ZDDP for test rule development under TSCA 4(a). The Office of Toxic Substances has requested production information from the ZDDP manufacturers on the Panel.

- EPA is concerned because methylenedianiline (MDA) appears to be a potent carcinogen and they plan to propose a test rule by December 27, 1982. The MDA Panel is considering negotiating with EPA on a voluntary testing program.
- The Vinyl Chloride Program received a final report on research techniques and methods for the detection and prevention of carcinogenesis in the industrial worker. This report is the last in a series from a three-year research grant to the University of Louisville.
- The Toluenediamines (TDA) Panel met with EPA to discuss the ITC recommendation on phenylenediamines. EPA's concern for environmental effects testing has been reduced since TDA appears to readily degrade and there is little release to the environment.

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