

U. S. ENVIRONMENTAL PROTECTION AGENCY

ADVISORY COMMITTEES

CHARTERS AND ROSTERS

JANUARY 1974

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PREPARED BY:

EPA COMMITTEE MANAGEMENT STAFF  
MANAGEMENT AND ORGANIZATION DIVISION (PM 213)  
OFFICE OF PLANNING AND MANAGEMENT

U.S. ENVIRONMENTAL PROTECTION AGENCY

ADVISORY COMMITTEES

CHARTERS AND ROSTERS

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January 1974



## ADVISORY COMMITTEE ON THE REVISION AND APPLICATION OF DRINKING WATER STANDARDS

### AUTHORITY

Established by the Administrator, U.S. Environmental Protection Agency, on October 14, 1971, under section 361 of the Public Health Service Act, as amended, pursuant to the authority vested in the Administrator by section 2(a)(3)(ii)(B) of Reorganization Plan No. 3 of 1970 and Executive Order 11007; rechartered on January 5, 1973, to include requirements of section 9(c) of the Federal Advisory Committee Act, P.L. 92-463; and terminating January 4, 1975, unless extension beyond that date is authorized in accordance with section 14 of the Federal Advisory Committee Act.

### STRUCTURE

Consists of not fewer than 13 nor more than 18 members, including the Chairman, approved by the Administrator to serve for indefinite terms. Membership consists of individuals drawn from professional, industrial, and academic fields who have exhibited a high level of competence in fields related to the environmental sciences. Individuals from the general community whose competence is not limited solely to technical analysis may also be included in the membership.

### FUNCTIONS

Provides expert and independent advice to the Administrator on issues relating to the establishment and use of drinking water standards. Advises on scientific and policy matters pertaining to drinking water standards; makes recommendations concerning needed research and monitoring activities; assesses the results of specific research efforts; assists in identifying emerging environmental problems related to hazardous materials in drinking water; provides advice with respect to the Agency's relations with other governmental agencies, citizen groups, industrial groups, and educational institutions; and recommends policies with regard to the development and use of drinking water standards as recommended by the Agency's Federal Technical Committee on Drinking Water Standards.

### ACCOMPLISHMENTS

The Committee held one open meeting during 1973. During that meeting and by means of subsequent correspondence, the Committee completed final details of their recommended revision of the Drinking Water Standards. The final draft of the proposed Drinking Water Standards and Appendix was prepared in September 1973. Following a final review by the Committee, the Standards package, as well as the Committee's report, were submitted to the Administrator. The official date of submission of the Committee's report was December 19, 1973. While there are no future meetings of the Committee scheduled, the Committee remains in existence so that they will be available to provide advice and counsel to the Administrator on matters pertaining to the Drinking Water Standards.

ADVISORY COMMITTEE ON THE REVISION AND APPLICATION OF DRINKING WATER STANDARDS

Chairman

Mr. Henry J. Ongerth  
Chief, Bureau of Sanitary Engineering  
California Department of Public Health  
2151 Berkeley Way  
Berkeley, California 94704

Executive Secretary

Mr. William Long  
Deputy Director, Water Supply Division  
Office of Water Program Operations/OAWP  
U.S. Environmental Protection Agency  
Washington, D.C. 20460

Members

Mr. George W. Burke, Jr.  
Manager, Technical Services  
Water Pollution Control Federation  
3900 Wisconsin Avenue, N.W.  
Washington, D.C. 20016

Mr. James B. Coulter  
Secretary, Department of Natural  
Resources, State of Maryland  
State Office Building  
Annapolis, Maryland 21401

Dr. Charles C. Croft  
Chief, Bureau of Public Health  
Laboratories  
Ohio State Department of Health  
450 East Town Street  
Columbus, Ohio 43216

Mr. H. O. Hartung  
Executive Vice President  
St. Louis County Water Company  
8390 Delmar Boulevard  
St. Louis, Missouri 63124

Mr. W. J. Hausler  
Director, State Hygienic Laboratory  
University of Iowa  
Medical Laboratory Building  
Iowa City, Iowa 52240

Dr. Hollis S. Ingraham  
Commissioner of Health  
New York State Department of Health  
84 Holland Avenue  
Albany, New York 12208

Mr. Emil C. Jensen  
3323 Lorne Street  
Olympia, Washington 98501

Dr. T. E. Larson  
Assistant Chief and Head of the  
Chemistry Section  
Illinois State Water Survey  
Urbana, Illinois 61801

Mr. Garmon C. McCall  
President, National Water Well Assn.  
6700 Bellhaven Boulevard  
Charlotte, North Carolina 28216

Mrs. Jessie W. Rudnick  
8557 Greenbelt Road, Apt. 2  
Greenbelt, Maryland 20770

Mr. Gerald C. Smith  
Manager, Kentucky-American Water Co.  
Lexington, Kentucky 40507

Dr. Richard L. Woodward  
Camp, Dresser, McKee  
One Center Plaza  
Boston, Massachusetts 02108

Dr. John A. Zapp  
Director, Haskell Laboratory for  
Toxicology and Industrial Medicine  
E. I. duPont de Nemours & Company  
Wilmington, Delaware 19898

NOTE: Indefinite terms.

December 1973

# AIR POLLUTION CHEMISTRY AND PHYSICS ADVISORY COMMITTEE

## AUTHORITY

Established by the Commissioner, National Air Pollution Control Administration, Consumer Protection and Environmental Health Service, Department of Health, Education, and Welfare, on October 28, 1968, under section 103(a)(4) of the Clean Air Act, as amended; transferred to the U.S. Environmental Protection Agency pursuant to Reorganization Plan No. 3 of 1970; rechartered January 5, 1973, to include requirements of section 9(c) of the Federal Advisory Committee Act, P.L. 92-463; and terminating January 4, 1975, unless extension beyond that date is authorized in accordance with section 14 of the Federal Advisory Committee Act.

## STRUCTURE

Consists of 10 members, including the Chairman, appointed by the Administrator for overlapping terms of three years. Members are selected from the disciplines of chemistry and physics and instrumentation specialists in universities, industrial laboratories, research institutions, and other government laboratories. They are selected for their technical expertise and/or interest in research and development activities of air pollution control requisite for the protection of public health and welfare.

## FUNCTIONS

Provides advice and consultation to the Assistant Administrator for Research and Development regarding chemical, physical, and instrumentation research and development activities directed toward improvement of air quality.

## ACCOMPLISHMENTS

The Committee held two open meetings during 1973. The Committee reviewed the status of remote techniques for measurement of air pollution. The Committee reviewed and made recommendations regarding (a) ORD's Regional Air Pollution Study, (b) instrumentation and measurement techniques for  $\text{NO}_x$  and (c)  $\text{NO}_x$  control strategy. They reviewed and endorsed the research program of the NERC-RTP Chemistry and Physics Laboratory (CPL) and recommended that additional resources be applied. The Committee reviewed the status of the research program being conducted by CPL on the physical and chemical characterization of atmospheric aerosols. They reviewed and pledged support to the Minority Institution Research Support program of ORD. Finally, they began a discussion of photochemical reactivity of hydrocarbons and agreed to consider this matter in greater detail at their first meeting in 1974.

## AIR POLLUTION CHEMISTRY AND PHYSICS ADVISORY COMMITTEE

### Acting Chairman

Mr. Milton Feldstein (75)  
Deputy Air Pollution Control Officer  
Bay Area Air Pollution Control District  
939 Ellis Street  
San Francisco, California 94109

### Executive Secretary

Dr. Aubrey P. Altshuller  
Director, Chemistry and Physics  
Laboratory  
National Environmental Research Center/RTP  
U.S. Environmental Protection Agency  
Research Triangle Park, N.C. 27711

### Members

Dr. Talmage P. Bursh (76)  
Chairman, Natural Sciences  
Division  
Prairie View A&M College  
Prairie View, Texas 77445

Dr. Jack G. Calvert (76)  
Professor of Chemistry  
The Ohio State University  
Columbus, Ohio 43210

Dr. Frances L. Estes (75)  
4847 McDermid Street  
Houston, Texas 77035

Dr. William Guillory (75)  
Associate Professor of Chemistry  
Drexel University  
32nd and Chestnut Streets  
Philadelphia, Pennsylvania 19104

Dr. Charles E. Moser (74)  
Assistant to Vice President and  
Senior Coordinator  
Environmental Protection Department  
Texaco, Incorporated  
P.O. Box 509  
Beacon, New York 12508

Dr. Reinhold A. Rasmussen (75)  
Associate Plant Physiologist  
Washington State University  
Pullman, Washington 99163

Dr. Kenneth T. Whitby (75)  
Professor of Mechanical Engineering  
University of Minnesota  
Minneapolis, Minnesota 55455

Dr. Katherine W. Wilson (76)  
Chief, Bureau of Air Monitoring and  
Technical Services  
County of San Diego Air Pollution  
Control District  
Department of Public Health  
1600 Pacific Highway  
San Diego, California 92101

NOTE: All terms expire June 30.

November 1973

## ANTIMICROBIAL PROGRAM ADVISORY COMMITTEE

### AUTHORITY

Established by the Administrator, U.S. Environmental Protection Agency, on January 5, 1973, under sections 3a and 4a of the Federal Insecticide, Fungicide, and Rodenticide Act (7 U.S.C. 135b); and terminating January 4, 1975, unless extension beyond that date is authorized in accordance with section 14 of the Federal Advisory Committee Act.

### STRUCTURE

Consists of 13 representatives from Federal agencies, industry and the public as follows: Three persons representing EPA; one person from the Federal Trade Commission; four from the U.S. Public Health Service; four persons from the disinfectants industry as recommended by the President of the Chemical Specialities Manufacturers Association; and one person representing the consumer from an independent, nonprofit consumer-oriented organization that conducts tests on disinfectant-type products. Members, including the Chairman, are appointed by the Administrator to serve for two-year terms.

### FUNCTIONS

Provides advice and recommendations to the Director, Criteria and Evaluation Division, and the Director, Registration Division, for use in establishing registration policies, preparing standards, writing guidelines, drafting interpretations of regulations for the enforcement of statutes, and assisting States in their regulatory and enforcement programs. Also reviews programs of the Criteria and Evaluation Division and the Registration Division with respect to disinfectant-type products, considering label claims including implied health benefit claims and residual activity, usefulness of products, efficacy data requirements and other standards, laboratory and in-use testing, common terms and definitions, joint jurisdictions of various Federal agencies, consumer complaints, and accident prevention.

### ACCOMPLISHMENTS

The Antimicrobial Program Advisory Committee held two open meetings during 1973. The major accomplishment of the Committee was the familiarization of the membership with the magnitude and complexity of the problems to be reviewed, and the broad ramifications of any recommendations for changes in the programs of the various Divisions of the Office of Pesticide Programs, Office of Hazardous Materials Control, EPA.



ANTIMICROBIAL PROGRAM ADVISORY COMMITTEE

Chairman

Mr. Gary K. Bass  
Criteria and Evaluation Division  
Office of Pesticide Programs, OHMC  
U.S. Environmental Protection Agency  
Washington, D.C. 20460

Executive Secretary

Dr. William G. Roessler  
Deputy Director  
Criteria and Evaluation Division  
Office of Pesticide Programs, OHMC  
U.S. Environmental Protection Agency  
Washington, D.C. 20460

Members

Mr. Aram Beloian  
Criteria and Evaluation Division  
Office of Pesticide Programs, OHMC  
U.S. Environmental Protection Agency  
Washington, D.C. 20460

Mr. Harold F. O'Keefe  
Assistant Director for Scientific  
Opinions  
Federal Trade Commission  
Washington, D.C. 20580

Mrs. Mary K. Bruch  
Office of Scientific Evaluation  
Bureau of Drugs, FDA, PHS  
Department of Health, Education,  
and Welfare  
Rockville, Maryland 20852

Mr. A. N. Petrocci  
Onyx Chemical Company  
190 Warren Street  
Jersey City, New Jersey 07302

Dr. George H. Connell  
Assistant to Director  
Center for Disease Control, PHS  
Department of Health, Education,  
and Welfare  
Atlanta, Georgia 30333

Mr. Daniel P. Roman  
Monsanto Chemical Company  
800 North Lindbergh Boulevard  
St. Louis, Missouri 83166

Dr. Norman Dewar  
Vestal Laboratories  
St. Louis, Missouri 63110

Dr. Myron C. Rosenberg  
Bureau of Veterinary Medicine, FDA, PHS  
Department of Health, Education, and  
Welfare  
Rockville, Maryland 20852

Miss Doris J. Jenkins  
Office of Pesticide Programs, OHMC  
U.S. Environmental Protection Agency  
Washington, D.C. 20460

Dr. George Walter  
S.C. Johnson & Son, Inc.  
Racine, Wisconsin 53403

Dr. George F. Mallison  
Bacterial Diseases Branch  
Epidemiology Program, CDC, PHS  
Department of Health, Education, and  
Welfare  
Atlanta, Georgia 30333

NOTE: All terms expire 1/4/75

December 1973

## EFFLUENT STANDARDS AND WATER QUALITY INFORMATION ADVISORY COMMITTEE

### AUTHORITY

Created on October 18, 1972, under section 515 of the Federal Water Pollution Control Act, as amended; and terminating October 17, 1974, unless extension beyond that date is authorized in accordance with section 14 of the Federal Advisory Committee Act.

### STRUCTURE

Consists of a Chairman and eight members appointed by the Administrator for four-year terms. Members are selected from the scientific community, qualified by education, training, and experience to provide, assess, and evaluate scientific and technical information on effluent standards and limitations.

### FUNCTIONS

Provides, assesses, and evaluates scientific and technical information on effluent standards and limitations as required under the Federal Water Pollution Control Act, as amended. Develops technical information as required for the Administrator to use in making regulatory decisions on effluent standards and water quality. Reviews regulations published or proposed for publication and conducts public hearings as required to provide the Administrator with technical information for the promulgation of regulations mandated by sections 304(b) 306, and 307(a) of P.L. 92-500. A special panel composed of one or more members upon order of the Committee shall conduct any hearing authorized by section 515 of the act and submit the transcript of such hearing to the entire Committee for its action thereon.

### ACCOMPLISHMENTS

The Committee held 11 open meetings during 1973. In addition to these meetings, the Committee also conducted public hearings, on-site visits, and workshops. An extensive compilation of reference material (approximately 200 items for 27 industries; 120 items for toxic substances) has been collected and is available to the public for reference. A new method for establishing industrial effluent limitations was presented by the Committee to the Administrator on September 26, 1973. All deadlines for reporting and/or transmitting scientific and technical information to the Administrator as outlined in P.L. 92-500 have been met. ES&WQIAC has carried out its responsibility as specified to "provide, assess, and evaluate scientific and technical information" to the Administrator of EPA, and has developed technical information as required for the Administrator in the form of the "Matrix Model".

EFFLUENT STANDARDS AND WATER QUALITY INFORMATION  
ADVISORY COMMITTEE

Chairman

Dr. Martha Sager  
Professor and Director  
Environmental Systems  
American University  
McKinley Building  
Washington, D.C. 20016

Acting Executive Secretary

Mr. Kenneth M. Mackenthun  
Technical Support and Special Studies  
Projects  
Office of Air and Water Programs  
U.S. Environmental Protection Agency  
Washington, D.C. 20460

Members

Mr. Don E. Bloodgood  
334 Leslie Avenue  
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Mr. Blair T. Bower  
Associate Director  
Quality of Environment Program  
Resources for the Future  
1755 Massachusetts Avenue, N.W.  
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Mr. William W. Eckenfelder, Jr.  
Distinguished Professor of  
Environmental and Water Resources  
Vanderbilt University  
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Dr. Robert B. Grieves  
Professor and Chairman  
Department of Chemical Engineering  
University of Kentucky  
Lexington, Kentucky 40506

Mr. Ramon Guzman  
Chemical Engineer  
School of Medical Science  
University of Puerto Rico  
San Juan, Puerto Rico 00905

Mr. Robert McCall  
Director  
Environmental Health Services  
State Department of Health  
Charleston, West Virginia 25305

Dr. Glenn Paulson  
Staff Scientist  
Natural Resources Defense Council  
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Dr. Lloyd Smith, Jr.  
Professor, Department of Entomology,  
Fisheries, and Wildlife  
University of Minnesota  
132A-ENT Fish and Wildlife Building  
St. Paul, Minnesota 55101

NOTE: All terms expire 12/17/76

January 1974

## ENVIRONMENTAL RADIATION EXPOSURE ADVISORY COMMITTEE

### AUTHORITY

Established on January 8, 1965, by the Chief, Bureau of State Services, Department of Health, Education, and Welfare, under section 222 of the Public Health Service Act; reestablished on January 1, 1967, by the Director, Bureau of Disease Prevention and Environmental Control, pursuant to Reorganization Plan No. 3 of 1966; reestablished by the Administrator, Consumer Protection and Environmental Health Service, pursuant to the Secretary's Reorganization Order dated July 1, 1968; transferred to the U.S. Environmental Protection Agency pursuant to Reorganization Plan No. 3 of 1970; rechartered January 5, 1973, to include requirements of section 9(c) of the Federal Advisory Committee Act, P.L. 92-463; revised April 24, 1973, to include an additional function; and terminating January 4, 1975, unless extension beyond that date is authorized in accordance with section 14 of the Federal Advisory Committee Act.

### STRUCTURE

Consists of 10 members, including the Chairman, appointed by the Administrator for overlapping terms of four years. Members are selected for professional competence in environmental radioactivity, radiobiology, biostatistics, genetics, health physics, sanitary and nuclear engineering, and radiochemistry.

### FUNCTIONS

Advises and consults with the Deputy Assistant Administrator for Radiation Programs, Office of Hazardous Materials Control, in the formulation of policy and development of a coordinated approach to improve national programs of radiological health for the protection of the environment and public health. Provides guidance and expertise to technical staff in the development of programs needed to estimate public exposure from ionizing and nonionizing environmental radiation. Advises on programs needed to minimize public exposure from environmental radioactivity, and provides for the review of grants and contracts related to environmental radiation.

### ACCOMPLISHMENTS

The Committee held two open meetings during 1973. The report Biological Effects of Ionizing Radiation (BEIR Report) was reviewed and commented on by the Committee. The Office of Radiation Programs, National Environmental Radiation Protection Strategy and Plan was presented to the Committee for evaluation. The Committee concurred with this Strategy as being a sound approach for addressing environmental radiation problems and insuring the protection of public health. ORP's basic authority for Radiation Grants as contained in the Public Health Service Act requires that all proposed grants be reviewed by an advisory group. An internal ORP policy established by the Deputy Assistant Administrator for Radiation Programs requires that proposed contracts be reviewed by the Environmental Radiation Exposure Advisory Committee. As a result, the Committee has reviewed and will continue to review all contract and grant proposals of the Office of Radiation Programs. A report prepared by the Office of Radiation Programs, Assessment of the Possible Environmental Dose Commitment Resulting From Release of Long-Lived Radionuclides Produced by Operation of the Nuclear Power Industry for the Next Fifty Years was reviewed by the Committee. EPA technical reports and scientific documents submitted to EPA for evaluation have been reviewed by select committee members within their area of expertise.

## ENVIRONMENTAL RADIATION EXPOSURE ADVISORY COMMITTEE

### Chairman

Dr. Conrad P. Straub (74)  
Director, Environmental Health  
Research and Training Center  
University of Minnesota  
1325 Mayo Memorial Building  
Minneapolis, Minnesota 55455

### Executive Secretary

Mr. Charles L. Weaver  
Director, Field Operations Division  
Office of Radiation Programs, OHMC  
U.S. Environmental Protection Agency  
Washington, D.C. 20460

### Members

Mr. John K. Davidson (74)  
President, Nuclear Associates  
International Corporation  
12601 Twinbrook Parkway  
Rockville, Maryland 20852

Miss Joyce P. Davis (76)  
Nuclear Engineer  
Consolidated Edison Company  
of New York  
4 Irving Place, - Room 1804-G  
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Miss Alice Dolezal (75)  
Acting Chief, Section of  
Radiation Control  
Minnesota Department of Health  
717 Delaware Street, S.E.  
Minneapolis, Minnesota 55440

Dr. Charles C. Kidd (76)  
President, Olive Hardey College  
10001 South Woodlawn Avenue  
Chicago, Illinois 60628

Dr. Frank C. Lowman (74)  
Director, Radioecology Division  
Puerto Rico Nuclear Center  
University of Puerto Rico  
College Station, Mayaguez  
Puerto Rico 00709

Mr. Roger O. McClellan (75)  
Director, Fission Product  
Inhalation Program  
Lovelace Foundation  
5200 Gibson Boulevard, S.E.  
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Dr. William E. Powers (74)  
Director of Radiation Therapy  
The Edward Mallinckrodt Institute  
Washington University Medical School  
St. Louis, Missouri 63110

Mr. James G. Terrill, Jr. (74)  
Manager of Environmental Consulting  
Environmental Systems Department  
Westinghouse Electric Company  
Pittsburgh, Pennsylvania 15230

Dr. Louis B. Werner (74)  
Environmental Project Manager  
Environmental Projects Branch  
Directorate of Licensing  
U.S. Atomic Energy Commission  
Bethesda, Maryland 20545

NOTE: All terms expire June 30.

October 1973

## HAZARDOUS MATERIALS ADVISORY COMMITTEE

### AUTHORITY

Established on May 21, 1971, by the Administrator, U.S. Environmental Protection Agency, pursuant to section 2(a)(4)(ii) of Reorganization Plan No. 3 of 1970 and Executive Order 11007; rechartered January 5, 1973, to include requirements of section 9(c) of the Federal Advisory Committee Act, P.L. 92-463; and terminating January 4, 1975, unless extension beyond that date is authorized in accordance with section 14 of the Federal Advisory Committee Act.

### STRUCTURE

Consists of not fewer than six nor more than 15 members, including the Chairman, appointed by the Administrator for overlapping terms of three years. Members are selected from professional, industrial, and academic fields who have exhibited a high level of competence in areas related to the environmental sciences. Individuals may be selected from the general community whose competence is not limited solely to technical analysis. No member shall be an officer or employee of the Federal Government.

### FUNCTIONS

Provides expert and independent advice to the Administrator and his staff through the Assistant Administrator for Research and Development, on issues relating to the use of hazardous materials in the environment. Advises on scientific and policy matters pertaining to hazardous materials in the environment; makes recommendations concerning needed research and monitoring activities; assesses the results of specific research efforts; assists in identifying emerging environmental problems related to hazardous materials; provides advice with respect to the Agency's relations with other governmental agencies, citizen groups, industrial groups and educational institutions; and recommends policies with regard to appropriate control of hazardous materials. Also provides policy review and recommendations for research and research training grants in the areas of radiation and water hygiene pursuant to the requirements of Title III of the Public Health Service Act, as amended.

### ACCOMPLISHMENTS

During calendar year 1973 the Committee held six open meetings and one partially closed meeting in order to review a research grant regarding a study of the ecology of pesticides by the University of Miami in Florida. The Committee recommended continuation of this study.

The Committee completed a number of assignments in the areas of pesticides, toxic chemicals, air pollutants, radiation and noise. The Committee reviewed the strategy document for pesticides and toxic substances. The pesticides container disposal regulation were reviewed. The toxicological significance of pesticide transformation in the environment were discussed and the research progress in the effects of pesticides and toxic chemicals on the aquatic environment were reviewed. The proposed regulations under the new Federal Environmental Pesticide Control Act were reviewed and advice provided. The tussock moth and infestation of the Douglas fir trees in the Northwest were discussed on several occasions and advice provided the Administrator. The Pesticide health effects program was reviewed and the Committee provided advice on how this program needed to be greatly improved.

The status of the proposed substance legislation was reviewed on several occasions and advice provided. The proposed Hazardous Waste Management Act was reviewed and suggestions and recommendations submitted. A review of current programs and research studies being conducted at the National Center for Toxicological Research in Pine Bluff, Arkansas, was reviewed.

A review of health effects of catalytic converters for motor vehicles was conducted. The EPA Monitoring Program was reviewed and advice provided. A review of the community health environmental surveillance study program for air pollutants was conducted.

The Noise program and proposed regulations were reviewed.

The following major studies were conducted or are in the progress; Nitrogenous Materials in Environment; Health and Environmental Effects of Herbicides; and a Review of Health and Environmental Effects on Hexachlorobenzene.



# HAZARDOUS MATERIALS ADVISORY COMMITTEE

## Chairman

Dr. Emil M. Mrak (75)  
Chancellor Emeritus  
University of California  
University House  
Davis, California 95616

## Co-Chairman

Dr. William J. Darby (75)  
President, Nutrition Foundation, Inc.  
99 Park Avenue  
New York, New York 10018

## Members

Dr. Myrtle L. Brown (76)  
Associate Professor of Nutrition  
College of Agriculture  
Environmental Sciences  
Rutgers University  
New Brunswick, New Jersey 08903

Dr. James P. Carter (76)  
Associate Professor  
Meharry and Vanderbilt Medical  
Colleges  
1005 18th Avenue, North  
Nashville, Tennessee 37208

Mr. Errett Deck (75)  
Chairman, Legislative Committee  
Association of American Pesticide  
Control Officials  
Washington State Department of  
Agriculture  
Olympia, Washington 98504

Dr. Leon Golberg (75)  
Scientific Director, Research Professor  
of Pathology  
Institute of Experimental Pathology  
and Toxicology  
Albany Medical College  
Albany, New York 12208

Dr. Gordon E. Guyer (75)  
Director of Cooperative Extension  
Services  
106 Agriculture Hall  
Michigan State University  
East Lansing, Michigan 48824

Mr. Roger P. Hansen (74)  
2500 South Adams Street  
Denver, Colorado 80210

Dr. Norton Nelson (74)  
Director, Institute of Environmental  
Medicine  
New York University Medical Center  
550 First Avenue  
New York, New York 10016

Dr. Ruth Patrick (74)  
Chairman, Department of Limnology  
Academy of Natural Sciences  
19th Street and the Parkway  
Philadelphia, Pennsylvania 19103

Dr. Earl Swanson (74)  
Professor of Agriculture Economics  
University of Illinois  
305 Mumford Hall  
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Dr. Wilson K. Talley (75)  
Assistant Vice President  
University of California  
University Hall  
Berkeley, California 94720

Dr. Rosmarie von Rumker (76)  
Managing Partner, RVR Consultants  
P. O. Box 553  
Shawnee Mission, Kansas 66201

Dr. W. Leonard Weyl (74)  
Chief of Surgery  
Northern Virginia Doctors Hospital  
601 S. Carlyn Spring Road  
Arlington, Virginia 22204

## Acting Staff Director

Dr. Winfred F. Malone  
Hazardous Materials Advisory  
Committee/ORD  
U.S. Environmental Protection Agency  
Washington, D.C. 20460

## METEOROLOGY ADVISORY COMMITTEE

### AUTHORITY

Established by the Commissioner, National Air Pollution Control Administration, Consumer Protection and Environmental Health Service, Department of Health, Education, and Welfare, on November 1, 1968, under section 103(a)(4) of the Clean Air Act, as amended; transferred to the U.S. Environmental Protection Agency pursuant to Reorganization Plan No. 3 of 1970; rechartered April 3, 1973, to include requirements of section 9(c) of the Federal Advisory Committee Act, P.L. 92-463; and terminating January 4, 1975, unless extension beyond that date is authorized in accordance with section 14 of the Federal Advisory Committee Act.

### STRUCTURE

Consists of 10 members, including the Chairman, appointed by the Administrator for overlapping terms of three years. Members are selected from the atmospheric science disciplines resident in universities, Federal, State, and local governments, research institutions, and industry. They are selected for their technical expertise and/or interest in the development and advancement of knowledge in the meteorological aspects of air pollution.

### FUNCTIONS

Provides consultation and advice to the Director, Meteorology Laboratory, National Environmental Research Center, Research Triangle Park, Office of Research and Development, regarding all research and development activities in the field of air pollution meteorology.

### ACCOMPLISHMENTS

The Committee held an open meeting during 1973 to review the management, status, and proposed field studies of the Regional Air Pollution Study. No Committee action resulted. The Committee's future role will focus on providing advice on the meteorological aspects of photochemical modeling, non-degradation of air quality, and atmospheric scavenging, particularly as it relates to the conversion of sulfur and nitrogen oxides to sulfates, nitrates and acids in the atmosphere.

## METEOROLOGY ADVISORY COMMITTEE

### Acting Chairman

Dr. William W. Kellogg (74)  
Director, Laboratory of Atmospheric  
Sciences  
National Center for Atmospheric Research  
P.O. Box 1470  
Boulder, Colorado 80302

### Executive Secretary

Mr. James R. Smith  
Special Studies Staff  
Office of the Director  
National Environmental Research Center  
U.S. Environmental Protection Agency  
Research Triangle Park, N.C. 27711

### Members

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Associate Professional Scientist  
Illinois State Water Survey  
Box 203  
Urbana, Illinois 61801

Dr. Helmut E. Landsberg (77)  
Institute for Fluid Dynamics and  
Applied Mathematics  
University of Maryland  
College Park, Maryland 20740

Dr. Eugene W. Bierly (75)  
Scientist Coordinator  
NSF Global Atmospheric Research  
Program  
National Science Foundation  
1800 G Street, N.W.  
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Dr. Lester Machta (75)  
Director, Air Resources Laboratory  
National Oceanic and Atmospheric  
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8060 13th Street  
Silver Spring, Maryland 20910

Professor Harry L. Hamilton, Jr. (75)  
State University of New York at Albany  
Department of Atmospheric Sciences  
1400 Washington Avenue  
Albany, New York 12222

Dr. Victor W. Nee (77)  
Department of Aerospace and Mechanical  
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Dean Charles L. Hosler, Jr. (74)  
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NOTE: All terms expire June 30.

December 1973

## NATIONAL AIR POLLUTION CONTROL TECHNIQUES ADVISORY COMMITTEE

### AUTHORITY

Established by the Surgeon General, U.S. Public Health Service, Department of Health, Education, and Welfare, on March 4, 1968, under section 110(d) of the Clean Air Act, as amended; reestablished by the Administrator, Consumer Protection and Environmental Health Service, pursuant to the Secretary's Reorganization Order dated July 1, 1968; transferred to the U.S. Environmental Protection Agency pursuant to Reorganization Plan No. 3 of 1970; reconstituted by the Administrator on June 8, 1971, pursuant to sections 108(b)(1) and (2), and 117(f) of the Clean Air Act, as amended; rechartered January 5, 1973, to include requirements of section 9(c) of the Federal Advisory Committee Act, P.L. 92-463; revised April 24, 1973, to assign an additional function; and terminating January 4, 1975, unless extension beyond that date is authorized in accordance with section 14 of the Federal Advisory Committee Act.

### STRUCTURE

Consists of the Deputy Assistant Administrator, Office of Air Quality Planning and Standards, or his designee, as Chairman and 16 members appointed by the Administrator for overlapping terms of one to four years. Members are selected from the chemical, engineering, biomedical, and socioeconomic disciplines resident in universities, State and local governments, research institutions, and industry. Members are selected also for their technical expertise and/or interest in the development of air pollution control techniques.

### FUNCTIONS

Advises the Deputy Assistant Administrator, Office of Air Quality Planning and Standards on the latest available technology and economic feasibility of alternative methods to prevent and control air contamination to be published in air quality control techniques documents. Also advises on informational documents regarding air pollution control techniques and testing and monitoring methodology for categories of new sources and air pollutants subject to the provisions of sections 111 and 112 of the Clean Air Act, as amended. In addition, the Committee, through a subcommittee, periodically reviews Air Quality Planning and Standards program accomplishment plans and the associated contracts and grants awarded to carry out these plans.

### ACCOMPLISHMENTS

The Committee held two open meetings during 1973. The average non-member attendance at both meetings was between 50-80. In February, the Committee reviewed with EPA staff technical data upon which new source performance standards for the following industries are to be based: kraft pulp mills; coal preparation plants; ferroalloy plants; stationary gas turbines; electric arc furnaces; primary aluminum smelters; and phosphate fertilizer plants including wet process phosphoric acid, superphosphoric acid, diammonium phosphate, granular triple superphosphate, granular triple superphosphate storage, and run-of-pile triple superphosphate. In May, EPA had new source performance standards for coal preparation plants, kraft pulp mills, phosphate fertilizer plants, and primary aluminum plants and briefed the Committee on the proposed regulations. Standards for stationary gas turbines, ferroalloy plants, and electric arc furnaces were reviewed in detail with the Committee, including much new data which had recently been collected from the industry and from EPA source tests. They also reviewed the Group IIA new source performance standards for copper, lead and zinc smelters. EPA's final position on new source performance standards for these sources was approved by the Committee. Regulations were reviewed and published by the Committee on (1) National Emission Standards for Hazardous Air Pollutants; (2) The Group II New Source Performance Standards; and (3) Regulations covering emissions during startup, shutdown, and malfunction for all sources covered under standards of performance for new stationary sources.

NATIONAL AIR POLLUTION CONTROL TECHNIQUES ADVISORY COMMITTEE

Chairman and Executive Secretary

Mr. Don Goodwin  
Director, Emission Standards and  
Engineering Division  
Office of Air Quality Planning and  
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U.S. Environmental Protection Agency  
Research Triangle Park, N.C. 27711

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Director, Division of Air Pollution  
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Mr. Harry H. Hovey, Jr. (76)  
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Mr. Marcus R. McCraven (76)  
Director of Environmental Engineering  
United Illuminating Company  
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Mr. Hugh Mullen (76)  
Vice President, Buell Division of  
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Mr. Victor H. Sussman (76)  
Director, Stationary Source  
Environmental Control Office  
Ford Motor Company  
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Dr. Aaron J. Teller (74)  
President, Teller Environmental Systems, Inc.  
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Worcester, Massachusetts 01605

Mr. Benjamin F. Wake (74)  
Administrator, Environmental  
Sciences Division  
Montana State Department of Health  
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Cogswell Building  
Helena, Montana 59601

Dr. Ruth F. Weiner (75)  
Chairman, Department of Physical  
Sciences  
Florida International University  
Tamiami Trail  
Miami, Florida 33144

Mr. Raymond L. Wiggins (75)  
4154 S. Syracuse Street  
Denver, Colorado 80237

# NATIONAL AIR POLLUTION MANPOWER DEVELOPMENT ADVISORY COMMITTEE

## AUTHORITY

Established on July 25, 1962, by the Chief, Bureau of State Services, Department of Health, Education, and Welfare, as the Air Pollution Training Committee; reestablished under section 222 of the Public Health Service Act on July 1, 1963; reestablished on January 1, 1967, by the Director, Bureau of Disease Prevention and Environmental Control, pursuant to Reorganization Plan No. 3 of 1966; renamed the Air Pollution Training Advisory Committee on June 30, 1967; reestablished on March 4, 1968, by the Surgeon General, PHS, under section 110(d) of the Clean Air Act, as amended, (section 117(d) of the Clean Air Amendments of 1970), and renamed the National Air Pollution Manpower Development Advisory Committee. Reestablished by the Administrator, Consumer Protection and Environmental Health Service, pursuant to the Secretary's Reorganization Order dated July 1, 1968; transferred to the U.S. Environmental Protection Agency pursuant to Reorganization Plan No. 3 of 1970; rechartered January 5, 1973, to include requirements of section 9(c) of the Federal Advisory Committee Act, P.L. 92-463; and terminating January 4, 1975, unless extension beyond that date is authorized in accordance with section 14 of the Federal Advisory Committee Act.

## STRUCTURE

Consists of 12 members, including the Chairman, appointed by the Administrator for overlapping terms of from one to four years. Members are selected from the scientific, engineering, socioeconomic, and legal disciplines in higher education, State and local governments, research institutions, and industry. Members are not necessarily specialists, but possess a high order of administrative or technical skill. Broad representation is appropriate. No limitations are placed on the membership other than a requirement for significant achievement in their area of competency.

## FUNCTIONS

Advises the Assistant Administrator for Air and Water Programs and provides independent views based upon specialized knowledge and skills unavailable in EPA. Upon request, reviews and evaluates air pollution training grant and fellowship applications. In addition, provides advice on training proposals to be conducted under contract and furnishes guidance on general training requirements, methods, and capabilities in order that program decisions on initiation, expansion, curtailment, or elimination of training support can be objectively made. The Committee also provides a mechanism for participation of citizen leaders in a significant environmental program.

## ACCOMPLISHMENTS

The Committee held four open meetings in 1973, and reviewed and evaluated air pollution training grants, fellowship and manpower related contract applications. The Committee conducted on-site visits of active training grant programs, interviewed fellowship applicants, and recommended criteria for the evaluation of fellowship applications. They also made recommendations for priorities in the issuance of training grants and the conduct of an array of air pollution manpower development activities.



NATIONAL AIR POLLUTION MANPOWER DEVELOPMENT ADVISORY COMMITTEE

Chairman

Dr. Dade W. Moeller (74)  
Head, Department of Environmental  
Health Engineering  
Harvard University  
School of Public Health  
665 Huntington Avenue  
Boston, Massachusetts 02115

Executive Secretary

Mr. Ronnie E. Townsend  
Chief, Office of Academic Training  
Air Pollution Training Institute  
U.S. Environmental Protection Agency  
Research Triangle Park, N.C. 27711

Members

Mr. Donald R. Arkell (74)  
Director, Air Pollution Control Div.  
Clark County District Health Dept.  
625 Shadow Lane  
Las Vegas, Nevada 89106

Mr. Charles R. Barden (74)  
Executive Director, Texas Air  
Control Board  
Texas State Department of Health  
Austin, Texas 78758

Mr. George C. Friedel (75)  
Acting Director, Division of  
Water Resources  
New Jersey Department of  
Environmental Protection  
Trenton, New Jersey 06825

Dr. Joseph N. Gayles, Jr. (74)  
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Professor Milton S. Heath, Jr. (74)  
Professor of Public Law and Associate  
Director, Institute of Government  
University of North Carolina  
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Mr. Peter W. Hildebrandt (74)  
Assistant Director, State of  
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Bureau of Air Quality Control  
Environmental Health Administration  
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Dean Gerald J. McLindon (74)  
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Professor Sheldon J. Plager (74)  
College of Law  
University of Illinois  
239 Law Building  
Champaign, Illinois 61820

Dr. Geraldine P. Woods (74)  
12065 Rose Marie Lane  
Los Angeles, California 90049

## NATIONAL AIR QUALITY CRITERIA ADVISORY COMMITTEE

### AUTHORITY

Established by the Surgeon General, U.S. Public Health Service, Department of Health, Education, and Welfare, on March 4, 1968, under section 110(d) of the Clean Air Act, as amended, and reestablished by the Administrator, Consumer Protection and Environmental Health Service, DHEW, pursuant to the Secretary's Reorganization Order dated July 1, 1968; transferred to the U.S. Environmental Protection Agency pursuant to Reorganization Plan No. 3, December 2, 1970; reconstituted by the Administrator on October 5, 1972, pursuant to section 117(d) of the Clean Air Act, as amended; rechartered January 5, 1973, to include requirements of section 9(c) of the Federal Advisory Committee Act, P.L. 92-463; and terminating January 4, 1975, unless extension beyond that date is authorized in accordance with section 14 of the Federal Advisory Committee Act.

### STRUCTURE

Consists of the Assistant Administrator for Research and Development, or his designee, as Chairman, and 15 members appointed by the Administrator, for overlapping terms of three years. Members are prominent scientists and/or administrators concerned with the quality of the environment and resident in universities, State and local governments, research institutions, or industry. They shall be selected from relevant disciplines and for their expertise in the establishment of air quality criteria and/or in the interpretation of scientific evidence indicative of adverse effects of atmospheric pollutants.

### FUNCTIONS

Provides advice and consultation to the Administrator, through the Assistant Administrator for Research and Development, regarding (a) the development, documentation, and revision of air quality criteria for specific pollutants; (b) the designation of a substance as a hazardous air pollutant; and (c) the effects on the public health and welfare of other pollutants, not covered by air quality criteria or listed as hazardous, and of airborne emission products of motor vehicle fuels and fuel additives.

### ACCOMPLISHMENTS

The Committee held six open meetings in 1973. The Committee provided advice and consultation on the determination and documentation of adverse effects, on the public health and welfare, of the following air pollutants: (1) Suspended Sulfates and Sulfuric Acid Aerosols; (2) Particulate Polycyclic Organic Matter; (3) Airborne Lead; (4) Cadmium; (5) Polychlorinated Biphenyls; and (6) Manganese. The Committee also provided advice and consultation on the subject matter and implications, as regards air quality criteria and standards, of EPA's intention, announced in the Federal Register (38FR15174), to withdraw the current reference method for the measurement of ambient air concentrations of nitrogen dioxide.

NATIONAL AIR QUALITY CRITERIA ADVISORY COMMITTEE

Chairman

Dr. Arie J. Haagen-Smit (74)  
Professor and Director  
Plant Environment Laboratory  
California Institute of Technology  
Pasadena, California 91109

Executive Secretary

Mr. Ernst Linde  
Scientist Administrator  
National Environmental Research Center/RTI  
U.S. Environmental Protection Agency  
Research Triangle Park, N.C. 27711

Members

Dr. Mary O. Amdur (75)  
Associate Professor of Toxicology  
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Dr. David M. Anderson (74)  
Manager of Environmental Quality  
Control  
Bethlehem Steel Corporation  
Bethlehem, Pennsylvania 18016

Dr. Anna M. Baetjer (74)  
Professor Emeritus of Environmental  
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Department of Environmental Medicine  
School of Hygiene and Public Health  
The Johns Hopkins University  
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Dr. Thomas D. Crocker (76)  
Associate Professor of Economics  
Department of Economics  
University of California  
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Dr. Samuel S. Epstein (74)  
Swetland Professor of Environmental  
Health and Human Ecology  
School of Medicine  
Case Western Reserve University  
Cleveland, Ohio 44106

Dr. C. C. Li (76)  
Professor and Head  
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Graduate School of Public Health  
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Director, Institute of Ecology  
University of Georgia  
Athens, Georgia 30601

Mr. Elmer Robinson (75)  
Professor of Civil Engineering  
Air Pollution Research Section  
College of Engineering  
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Professor of Air Hygiene  
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Dr. John T. Wilson, Jr. (75)  
Professor and Chairman  
Department of Community Health Practice  
College of Medicine  
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## PAINT AND VARNISH INDUSTRIAL ADVISORY COMMITTEE

### AUTHORITY

Established by the Administrator, U.S. Environmental Protection Agency, on December 29, 1972, under sections 111 and 117(d) of the Clean Air Act, as amended; and terminating at the conclusion of the paint and varnish industry study or not later than December 28, 1974, unless extension beyond that date is authorized in accordance with section 14 of the Federal Advisory Committee Act (P.L. 92-463).

### STRUCTURE

Consists of an EPA staff member of the Industrial Studies Branch, Emission Standards and Engineering Division, Office of Air Quality Planning and Standards, as Chairman and 14 representatives designated by a related industry or trade association, and a State or local regulatory agency which deals extensively with the paint and varnish industry. Representatives serve for the duration of the Committee.

### FUNCTIONS

Advises the Chief, Industrial Studies Branch on the conduct of the paint and varnish industry study, reviews questionnaire data, helps locate best controlled plants, comments on draft reports, and in general helps with the information gathering procedure. The Committee's function is advisory, and it does not have control of the study in any sense.

### ACCOMPLISHMENTS

The Committee held one open meeting during 1973. The second interim report covering questionnaire data, industry statistics, a model plant design, emission calculations, and emission control technology was reviewed by the committee which suggested numerous changes. These changes will be incorporated in the final report entitled, "Air Pollution Control Engineering and Cost Study of the Paint and Varnish Industry."

# PAINT AND VARNISH INDUSTRIAL ADVISORY COMMITTEE

## Chairman and Executive Secretary

Mr. John T. Dale  
Industrial Studies Branch  
Emission Standards and Engineering Division  
Office of Air Quality Planning and Standards/OAWP  
U.S. Environmental Protection Agency  
Research Triangle Park, N.C. 27711

## Members

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Mr. Alfred P. Stresen-Reuter  
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Dr. Werner S. Zimmt  
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Marshall Research & Development Lab.  
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## PETROCHEMICAL INDUSTRY ADVISORY COMMITTEE

### AUTHORITY

Established by the Administrator, U.S. Environmental Protection Agency, on December 29, 1972, under sections 111 and 117(d) of the Clean Air Act, as amended; and terminating at the conclusion of the petrochemical study or not later than December 28, 1974, unless extension beyond that date is authorized in accordance with section 14 of the Federal Advisory Committee Act (P.L. 92-463).

### STRUCTURE

Consists of an EPA staff member of the Industrial Studies Branch Emission Standards and Engineering Division, Office of Air Quality Planning and Standards, as Chairman and 14 representatives designated by a related industry or trade association, and a State or local regulatory agency which deals extensively with the petrochemical industry. Representatives serve for the duration of the Committee.

### FUNCTIONS

Advises the Chief, Industrial Studies Branch on the conduct of the petrochemical industry study, reviews questionnaire data, helps locate best controlled plants, comments on draft reports, and in general helps with the information gathering procedure. The Committee's function is advisory, and it does not have control of the study in any sense.

### ACCOMPLISHMENTS

During 1973 the committee held five open meetings. The members reviewed in detail the reports prepared by the contractor performing the study, Houdry Division of Air Products. Thirty-three screening studies and seven indepth studies were completed. This work will be published in early 1974. The seven indepth studies are:

Engineering and Cost Study of Air Pollution Control for the Petrochemical Industry -- Carbon Black

Engineering and Cost Study of Air Pollution Control for the Petrochemical Industry - Acrylonitrile

Engineering and Cost Study of Air Pollution Control for the Petrochemical Industry - Ethylene Dichloride by Oxychlorination

Engineering and Cost Study of Air Pollution Control for the Petrochemical Industry - Formaldehyde--Silver Catalyst

Engineering and Cost Study of Air Pollution Control for the Petrochemical Industry - Formaldehyde--Mixed Oxide Catalyst

Engineering and Cost Study of Air Pollution Control for the Petrochemical Industry - Phthalic Anhydride

Engineering and Cost Study of Air Pollution Control for the Petrochemical Industry - Ethylene Oxide



PETROCHEMICAL INDUSTRY ADVISORY COMMITTEE

Chairman and Executive Secretary

Mr. Leslie B. Evans  
Industrial Standards Branch  
Emission Standards and Engineering Division  
Office of Air Quality Planning and  
Standards, OAWP  
U.S. Environmental Protection Agency  
Research Triangle Park, N.C. 27711

Members

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Baytown Chemical Plant  
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Mr. James W. Pervier  
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Houdry Division, Chemicals Group  
c/o Catalytic, Inc.  
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Mr. Arthur F. Pier  
Principal Engineering Specialist  
Monsanto Company  
800 N. Lindbergh Boulevard  
St. Louis, Missouri 63166

Dr. Frank Spuhler  
Texas Air Control Board  
1100 West 49th Street  
Austin, Texas 78756

Mr. L. J. Updyke  
FMC Corporation  
633 Third Avenue  
New York, New York 10017

NOTE: Indefinite terms.

\* Representing the Industrial Gas Cleaning Institute

\*\* Representing Union Carbide Corporation and the Manufacturing Chemists Association

December 1973

## PRESIDENT'S ADVISORY COMMITTEE ON THE ENVIRONMENTAL MERIT AWARDS PROGRAM

### AUTHORITY

Created on April 19, 1972, by Executive Order 11667; and terminating January 4, 1975, unless extension beyond that date is authorized in accordance with section 14 of the Federal Advisory Committee Act (P.L. 92-463).

### STRUCTURE

Consists of a Chairman and such members as the President may appoint from time to time for indefinite terms.

### FUNCTIONS

Participates in ceremonial awards presentations. Also participates in TV and radio interviews encouraging school children to enroll in the President's Environmental Merit Awards Program. Advises the President and the Administrator on ways in which the Program can be expanded and enhanced. Advises the President on accomplishments of individuals and groups recognized. Confers appropriate Environmental Merit Awards on behalf of the President. Performs such other related functions as the President may specify.

### ACCOMPLISHMENTS

The committee held no meetings during 1973. In the spring of 1974 the advisory committee will assist the staff of the President's Environmental Merit Awards Program (PEMAP) in making presentation of awards at local award ceremonies. It will also promote PEMAP in public service spots for TV and radio.

PRESIDENT'S ADVISORY COMMITTEE ON THE  
ENVIRONMENTAL MERIT AWARDS PROGRAM

Chairman

Ms. Mary Belle Bloch  
2532 Ransdell Avenue  
Louisville, Kentucky 40204

Executive Secretary

Ms. Leslye Arsht  
Director, President's Environmental  
Merit Awards Program  
U.S. Environmental Protection Agency  
Washington, D.C. 20460

Members

Ms. Karen D. DuMont  
185 E. 3rd Street, No. 3-H  
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Mr. Frederick Snowden  
University of Arizona  
Tucson, Arizona 85721

Mr. Lester John Fischer  
4403 Market Street  
Pascagoula, Mississippi 39567

Mr. Jody Smith  
Office of the Mayor  
Ayrshire, Iowa 50515

Mr. Clark Graebner  
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Mr. Bart Starr  
1339 Summer Range Road  
DePree, Wisconsin 54115

Mr. Lance King  
620 Canepa Drive  
Santa Cruz, California 95060

Mr. Roger Staubach  
2311 Prairie Creek  
Richardson, Texas 75080

Mr. Marlin McKeever  
1524 Keel Drive  
Corona del Mar, California 92625

Ms. Esther Stroy  
5301 8th Street, N.W.  
Washington, D.C. 20011

Mr. James Larry Parker  
1007 Baldwin Street  
Atlanta, Georgia 30310

Mr. Donald Schollander  
10 Greenridge Court  
Lake Oswego, Oregon 97034

NOTE: Terms indefinite

August 1973

## PRESIDENT'S AIR QUALITY ADVISORY BOARD

### AUTHORITY

Created on November 21, 1967, pursuant to section 110(a)(1) of the Clean Air Act, as amended, (section 117(a)(1) of the Clean Air Amendments of 1970); transferred to the U.S. Environmental Protection Agency from the Department of Health, Education, and Welfare pursuant to Reorganization Plan No. 3 of 1970; rechartered January 5, 1973, to include requirements of section 9(c) of the Federal Advisory Committee Act, P.L. 92-463; and terminating December 30, 1974, unless extension beyond that date is authorized in accordance with section 14 of the Federal Advisory Committee Act.

### STRUCTURE

Consists of the Administrator, or his designee, as Chairman and 15 members appointed by the President for three-year terms. Members are selected from among representatives of various State, interstate, and local governmental agencies, public or private interests contributing to, affected by or concerned with air pollution, and other public and private agencies, organizations, and groups interested in the field of air pollution prevention and control as well as other individuals expert in this field. No member shall be an officer or employee of the Federal Government.

### FUNCTIONS

Advises and consults with the Administrator on matters of policy relating to the activities and functions of the Administrator under the Clean Air Act and makes such recommendations as deemed necessary to the President.

### ACCOMPLISHMENTS

The President's Air Quality Board held one open meeting during 1973. At the request of the Administrator the President's Air Quality Advisory Board met in St. Louis, Missouri, March 27-30, 1973, to explore urban air pollution problems and to consider the tradeoffs that are involved in achieving environmental goals. Based on (1) a comprehensive briefing on the Environmental Protection Agency's air pollution control effort, including health related research, (2) a day of public testimony by representatives from industry, environmental groups, Federal and State officials and other knowledgeable and concerned individuals and (3) an on-site review of various aspects of urban air pollution problems during a tour of the industrial and central city area, the Board members presented their individual views and recommendations to the Administrator. These recommendations covered a number of problem areas such as energy development; ambient air quality standards; transportation; cost versus benefits; credibility and public approval. Also, the Board passed a resolution on energy development which was transmitted by the Administrator to the President and the Council on Environmental Quality.

PRESIDENT'S AIR QUALITY ADVISORY BOARD

Chairman

Mr. Russell E. Train  
Administrator  
U.S. Environmental Protection Agency  
Washington, D.C. 20460

Executive Secretary

Mr. Robert F. Powell  
Office of the Assistant Administrator  
for Air and Water Programs  
U.S. Environmental Protection Agency  
Washington, D.C. 20460

Members

Dr. Arnold O. Beckman 10-5-73\*  
Chairman of the Board  
Beckman Instruments, Inc.  
2500 Harbor Boulevard  
Fullerton, California 92632

Mr. Joseph Kovago 10-5-73\*  
Senior Research Engineer  
Atlantic City Electric Company  
1600 Pacific Avenue  
Atlantic City, New Jersey 08404

Mr. Coleman D. Donaldson 10-5-73\*  
President and Senior Consultant  
Aeronautical Research Association  
of Princeton, Inc.  
50 Washington Road  
Princeton, New Jersey 08540

Dr. E. Alan Lohse 10-5-73\*  
Senior Scientist & Program Coordinator  
Gulf Universities Research Consortium  
2020 Southwest Freeway  
Houston, Texas 77006

Mr. Franklin S. Forsberg 10-1-76  
President  
Forsberg Associates  
250 Park Avenue, Suite 727  
New York, New York 10017

Mrs. Josephine S. Margetts 10-1-76  
Assemblywoman, N.J. Legislature  
Blue Mill Road  
New Vernon, New Jersey 07976

Mrs. Sibyl C. Hamilton 9-14-74  
Director, Public Information  
Dallas County Junior College District  
Dallas, Texas 75202

Mr. A. Mitchell McConnell, Jr. 9-14-74  
Attorney at Law  
Barnett, Greenebaum, Martin, and McConnell  
510 W. Broadway, Suite 1000  
Louisville, Kentucky 40202

Mr. Stanley D. Heisler 10-1-76  
Attorney at Law  
Heisler & Van Valkenburgh  
214 East Fifth Street  
The Dalles, Oregon 97058

Mr. Joseph K. Prince 9-14-74  
Chief, Technical Advisor and Special  
Pollution Investigator  
Attorney General's Office  
State of Illinois  
6401 W. 52nd Street  
Chicago, Illinois 60638

Professor Matthew Holden, Jr. 9-14-74  
Professor of Political Science  
322 North Hall  
University of Wisconsin  
Madison, Wisconsin 53706

Mr. Robert F. Six 10-1-76  
President  
Continental Airlines  
Los Angeles International Airport  
Los Angeles, California 90009

Mr. Thomas L. Kimball 10-5-73\*  
Executive Vice President  
National Wildlife Federation  
1412 16th Street, N.W.  
Washington, D.C. 20036

Mr. Joe P. Sparks 10-1-76  
Attorney at Law  
Sparks and Siler  
4234 Winfield Scott Plaza, Suite I  
Scottsdale, Arizona 85251

\*Terms continue until new members  
are appointed by the President

December 1973

## SCIENCE ADVISORY BOARD

### AUTHORITY

Established by the Administrator, U.S. Environmental Protection Agency, on January 11, 1974, under the National Environmental Policy Act, 42 U.S.C. section 4332, and terminating January 10, 1976, unless extension beyond that date is authorized in accordance with section 14 of the Federal Advisory Committee Act.

### STRUCTURE

Consists of four groups which include: (1) seven existing scientific and specialized EPA advisory committees (see roster attached for names of individual committees); (2) an Executive Committee consisting of the seven chairmen of these advisory committees; (3) an Executive Board consisting of the five EPA Assistant Administrators and members of the Executive Committee; and (4) an Executive Secretariat provided by the Office of Research and Development, EPA.

a. Individual Advisory Committees. Individual advisory committees of SAB are established and described under separate charters as footnoted in the index. All chairmen and members of advisory committees are drawn from outside the Agency.

b. Executive Committee. Consists of not fewer than five nor more than twenty members, including the Chairman and the Vice Chairman appointed by the Administrator. Members are chairmen or other designated members of the individual committees and several members-at-large appointed by the Administrator. Operational ad hoc panels may be established to conduct special studies or projects. Members of such panels need not be members of SAB. Members are drawn from professional, industrial, and academic fields having exhibited a high level of competence in the environmental sciences.

c. Executive Board. Consists of the five EPA Assistant Administrators and the SAB Executive Committee. The Assistant Administrator for Research and Development serves as Chief Executive of the SAB Executive Board.

### FUNCTIONS

a. Total Science Advisory Board. Provides expert and independent advice to the Administrator on issues relating to the scientific and technical problems facing the Agency, the strategies devised to meet these problems, the technical programs to solve problems, and the priorities among these. Advises on broad scientific and policy matters; makes recommendations concerning needed research and development activities; assesses the results of specific research efforts; assists in identifying emerging environmental problems; provides advice with respect to the Agency's relations with other governmental agencies, citizen groups, industrial groups, and educational institutions; assures up-to-dateness of the Agency's scientific programs; and provides advice to avoid inadvertent duplication of efforts.

b. Individual Advisory Committees. In general, the individual advisory committees specialize and interact, primarily with EPA program managers whereas the Executive Committee is broad and interacts with EPA's Administrator, his Deputy, and the Assistant Administrators. The Executive Committee also provides the necessary liaison and inter-action among the individual advisory committees.

c. Executive Committee. In concert with the Assistant Administrators, the Executive Committee ensures the SAB functions are performed by serving as a focal point for the coordination of scientific advisory committees, meeting periodically with the Administrator to discuss scientific issues of concern to him, reviewing the workload of the advisory committees to set priorities and to ensure that any issue being studied is properly assigned to one or more committees, developing work programs for the Board's evaluation, and making necessary assignments.

d. Executive Board. Functions primarily as a planning forum for the SAB activity and formulates tasks of the extramural groups on the basis of EPA issues.

### ACCOMPLISHMENTS

Committee did not exist in 1973.



SCIENCE ADVISORY BOARD

EXECUTIVE COMMITTEE

Chairman

Dr. Emil M. Mrak (5-20-75)  
Chairman, Hazardous Materials  
Advisory Committee and  
Chancellor Emeritus  
University of California  
University House  
Davis, California 95616

Acting Executive Secretary

Dr. Winfred F. Malone  
Acting Staff Director, Hazardous  
Materials Advisory Committee  
Office of Research and Development  
U.S. Environmental Protection Agency  
Washington, D.C. 20460

Members

Mr. Milton Feldstein (6-30-75)  
Acting Chairman, Air Pollution Chemistry  
and Physics Advisory Committee and  
Deputy Air Pollution Control Officer  
Bay Area Air Pollution Control District  
939 Ellis Street  
San Francisco, California 94109

Dr. Arie J. Haagen-Smit (6-30-74)  
Chairman, National Air Quality Criteria  
Advisory Committee and  
Professor and Director  
Plant Environment Laboratory  
California Institute of Technology  
Pasadena, California 91109

Dr. William W. Kellogg (6-30-74)  
Acting Chairman, Meteorology Advisory  
Committee and  
Director, Laboratory Atmospheric  
Sciences  
National Center for Atmospheric  
Research  
P.O. Box 1470  
Boulder, Colorado 80302

Mr. Henry J. Ongerth\*  
Chairman, Advisory Committee on the  
Revision and Application of  
Drinking Water Standards and  
Chief, Bureau of Sanitary Engineering  
California Department of Public Health  
2151 Berkeley Way  
Berkeley, California 94704

Dr. Conrad P. Straub (6-30-74)  
Chairman, Environmental Radiation  
Exposure Advisory Committee and  
Director, Environmental Health  
Research and Training Center  
University of Minnesota  
1325 Mayo Memorial Building  
Minneapolis, Minnesota 55455

(Vacant)

National Air Pollution Control  
Techniques Advisory Committee

SCIENCE ADVISORY BOARD

EXECUTIVE BOARD

Chief Executive

Dr. Stanley M. Greenfield  
Assistant Administrator for  
Research and Development and  
Principal Science Adviser  
U.S. Environmental Protection Agency  
Washington, D.C. 20460

Acting Executive Secretary

Dr. Winfred F. Malone  
Acting Staff Director, Hazardous  
Materials Advisory Committee  
Office of Research and Development  
U.S. Environmental Protection Agency  
Washington, D.C. 20460

Members

Mr. Alvin L. Alm\*  
Assistant Administrator for  
Planning and Management  
U.S. Environmental Protection Agency  
Washington, D.C. 20460

Mr. Charles Elkins\*  
Acting Assistant Administrator for  
Hazardous Materials Control  
U.S. Environmental Protection Agency  
Washington, D.C. 20460

Mr. Milton Feldstein (6-30-75)  
Acting Chairman, Air Pollution Chemistry  
and Physics Advisory Committee and  
Deputy Air Pollution Control Officer  
Bay Area Air Pollution Control District  
939 Ellis Street  
San Francisco, California 94109

Dr. Arie J. Haagen-Smit (6-30-74)  
Chairman, National Air Quality Criteria  
Advisory Committee and  
Professor and Director  
Plant Environment Laboratory  
California Institute of Technology  
Pasadena, California 91109

Dr. William W. Kellogg (6-30-74)  
Acting Chairman, Meteorology Advisory  
Committee and  
Director, Laboratory of Atmospheric  
Sciences  
National Center for Atmospheric  
Research  
P.O. Box 1470  
Boulder, Colorado 80302

Mr. Alan G. Kirk\*  
Assistant Administrator for  
Enforcement and General Counsel  
U.S. Environmental Protection Agency  
Washington, D.C. 20460

Dr. Emil M. Mrak (5-20-75)  
Chairman, Hazardous Materials Advisory  
Committee and  
Chancellor Emeritus  
University of California  
University House  
Davis, California 95616

Mr. Henry J. Ongerth\*  
Chairman, Advisory Committee on the  
Revision and Application of Drinking  
Water Standards and  
Chief, Bureau of Sanitary Engineering  
California Department of Public Health  
2151 Berkeley Way  
Berkeley, California 94704

Mr. Robert L. Sansom\*  
Assistant Administrator for Air and  
Water Programs  
U.S. Environmental Protection Agency  
Washington, D.C. 20460

Dr. Conrad P. Straub (6-30-74)  
Chairman, Environmental Radiation  
Exposure Advisory Committee and  
Director, Environmental Health  
Research and Training Center  
University of Minnesota  
1325 Mayo Memorial Building  
Minneapolis, Minnesota 55455

(Vacant)

National Air Pollution Control  
Techniques Advisory Committee

## TECHNICAL ADVISORY GROUP FOR MUNICIPAL WASTE WATER SYSTEMS

### AUTHORITY

Established by the Administrator, U.S. Environmental Protection Agency, on January 31, 1972, under section 5 of the Federal Water Pollution Control Act, as amended, (section 104 of the Federal Water Pollution Control Amendments of 1972) and pursuant to the authority vested in the Administrator by section 2(a)(1) of Reorganization Plan No. 3 of 1970 and Executive Order 11007; rechartered January 5, 1973, to include requirements of section 9(c) of the Federal Advisory Committee Act, P.L. 92-463; and terminating January 4, 1975, unless extension beyond that date is authorized in accordance with section 14 of the Federal Advisory Committee Act.

### STRUCTURE

Consists of not fewer than eight nor more than 16 members, including the Chairman, approved by the Administrator for two-year terms. Membership consists of individuals drawn from public and private organizations with special competence and experience either in program management in the areas of water pollution control and abatement, the planning and development of water quality criteria, water resources management, water resources engineering, the evaluation of waterborne pollutants and their environmental impact or the planning of, location of, design, operation and/or maintenance of municipal wastewater treatment works.

### FUNCTIONS

Provides expert and independent advice to the Assistant Administrator for Air and Water Programs in the implementation and review of Federal regulations covering the design, operation, and maintenance of municipal wastewater treatment plants receiving financial assistance under section 201 of the Federal Water Pollution Control Act, as amended. Advises on scientific, technical, and policy matters pertaining to new procedures, techniques, and systems developed to enhance the ability of municipalities to deal more effectively and efficiently with wastewater problems; advises and comments on the technical review of various design guidelines, bulletins, proposed changes in Federal Regulations, and other program material prior to issuance; and provides communications to public agencies and the professional engineering community. Also serves as an independent review group for contracts and grant actions which will be issued by the Office of Air and Water Programs in the areas of water resources management, pollution control, and abatement. Advises on the adequacy of specific definition of program objectives, the feasibility and practicability of achieving the objectives and the development and establishment of criteria or the evaluation of existing criteria used by Agency officials in reviewing individual grant and contract application.

### ACCOMPLISHMENTS

The Technical Advisory Group for Municipal Waste Water Systems held three open meetings during 1973. The Group participated in workshops for the development and implementation of the regulations for Best Practical Treatment, Pretreatment, Cost-Effectiveness, Title II, Secondary Treatment, Infiltration/Inflow Guidelines, and User Charges and Industrial Cost Recovery. A resolution regarding Regulatory and Service Considerations of Operations and Maintenance of Publicly Owned Liquid Waste Treatment Facilities was adopted.

TECHNICAL ADVISORY GROUP FOR MUNICIPAL WASTE WATER SYSTEMS

Chairman

Mr. Samuel S. Baxter (74)  
048 Castor Avenue  
Philadelphia, Pennsylvania 19149

Executive Secretary

Mr. Harold P. Cahill, Jr.  
Director, Municipal Waste Water  
Systems Division  
Office of Water Program Operations/OAWP  
U.S. Environmental Protection Agency  
Washington, D.C. 20460

Members

Mr. Robert A. Canham (74)  
Executive Secretary  
Water Pollution Control Federation  
3900 Wisconsin Avenue, N.W.  
Washington, D.C. 20016

Mr. W. James Lopp II (74)  
First Vice President  
Blythe, Eastman Dillon & Coe, Inc.  
14 Wall Street  
New York, New York 10005

Mr. Vance E. Clark (74)  
Director, Federal Aids Service  
National League of Cities/U.S.  
Conference of Mayors  
1612 K Street, N.W.  
Washington, D.C. 20006

Mr. Ralph C. Pickard (74)  
Assistant Commissioner for Environmental  
Health  
Indiana State Board of Health  
1330 W. Michigan Street  
Indianapolis, Indiana 46206

Mrs. Ruth C. Clusen (74)  
Vice President, League of Women  
Voters of the United States  
820 Allouez Terrace  
Green Bay, Wisconsin 54301

Mr. Donald M. Pierce (74)  
2443 Club House Circle, Apt. 201  
Forest Lakes Village  
Sarasota, Florida 33580

Mr. Charles V. Gibbs (74)  
Executive Secretary  
Municipality of Metropolitan Seattle  
410 West Harrison Street  
Seattle, Washington 98119

Mr. Donald H. Swets (74)  
Director of Public Works  
City of Kalamazoo  
241 West South Street  
Kalamazoo, Michigan 49006

Mr. Paul N. Howard, Jr. (74)  
President, Howard Construction Company  
P. O. Box 20488  
Greensboro, North Carolina 27420

Mr. John R. Wright (74)  
Chief, Water Quality Section  
New Mexico Environmental Improvement  
Agency  
P.O. Box 2348  
Santa Fe, New Mexico 87501

Mr. Charles C. Johnson, Jr. (75)  
Vice President  
Washington Technical Institute  
4100 Connecticut Avenue, N.W.  
Washington, D.C. 20008

Mr. Herbert B. Wyndham, Jr. (74)  
Vice President, Malcolm Pirnie Engineers  
226 Westchester Avenue  
White Plains, New York 10604

Mr. William N. Konrad (74)  
Director of Marketing Relations  
Environmental Control Group  
Rex Chainbelt, Inc.  
1901 South Prairie Avenue  
Waukesha, Wisconsin 53186

## WATER POLLUTION CONTROL ADVISORY BOARD

### AUTHORITY

Created on July 9, 1956, pursuant to section 9 of the Federal Water Pollution Control Act, as amended (section 503(a)(1) of the Federal Water Pollution Control Act Amendments of 1972). Transferred from the Department of Health, Education, and Welfare, to the Department of the Interior under Reorganization Plan No. 2 of 1966; transferred to the U.S. Environmental Protection Agency pursuant to Reorganization Plan No. 3 of 1970; rechartered January 5, 1973, to include requirements of section 9(c) of the Federal Advisory Committee Act, P.L. 92-463; and terminating October 17, 1974, unless extension beyond that date is authorized in accordance with section 14 of the Federal Advisory Committee Act.

### STRUCTURE

Consists of the Administrator, or his designee, as Chairman and nine members appointed by the President for three-year terms. Members are selected from among representatives of various State, interstate and local governmental agencies, of public or private interests contributing to, affected by, or concerned with pollution, and of other public and private agencies, organizations, or groups demonstrating an active interest in the field of pollution prevention and control, as well as other individuals who are expert in this field. No member shall be an officer or employee of the Federal Government.

### FUNCTIONS

Advises, consults with, and makes recommendations to the Administrator on matters of policy relating to the activities and functions of the Administrator under the Federal Water Pollution Control Act.

### ACCOMPLISHMENTS

The Board held no meetings during 1973. It is anticipated that the Board will hold approximately four meetings in 1974, one of them jointly with the President's Air Quality Advisory Board, on a broad range of national environmental issues.

WATER POLLUTION CONTROL ADVISORY BOARD

Chairman

Mr. Russell E. Train  
Administrator  
U.S. Environmental Protection Agency  
Washington, D.C. 20460

Ex-Officio Member

Mr. Caspar W. Weinberger  
Secretary, Department of Health,  
Education and Welfare  
Washington, D.C. 20201

Executive Secretary

Mr. Robert F. Powell  
Office of the Assistant Administrator  
for Air and Water Programs  
U.S. Environmental Protection Agency  
Washington, D.C. 20460

Members

Mr. Jack A. Beaver (75)  
General Manager, San Bernardino  
Valley Municipal Water District  
1350 South E Street  
P.O. Box 5906  
San Bernardino, California 92412

Mr. Frederick J. Conn, Jr. (75)  
President and Publisher  
San Angelo Standard-Times  
34 W. Terrace  
San Angelo, Texas 76901

Mr. Robert Flanigan (76)  
Lazy Shamrock Ranch  
1022 Humboldt Street  
Denver, Colorado 80218

Mrs. Priscilla Harvey Hays (76)  
600 Black Lake Boulevard  
Olympia, Washington 98502

Mr. Thomas W. Gleason (74)\*  
President, International  
Longshoremen's Association, AFL-CIO  
17 Battery Place, Suite 1530  
New York, New York 10004

Mr. Bryon Pat Jordan (74)\*  
Executive Vice President  
French Jordan, Inc.  
1010 Common Street, Suite 1065  
New Orleans, Louisiana 70112

Mr. Irvan F. Mendenhall (74)\*  
President  
Daniel, Mann, Johnson & Mendenhall  
3250 Wilshire Boulevard  
Los Angeles, California 90010

Mr. J. Thomas Smith (76)  
Chairman of the Board  
Dura Corporation  
P.O. Box 276  
Southfield, Michigan 48075

Dr. Mitchell G. Zadronsky (75)  
Professor of Geography  
Wright Junior College  
34 N. Austin Avenue  
Chicago, Illinois 60634

NOTE: All terms end June 30.

\*Term continues until new member is  
appointed by the President

January 1974

# ALPHABETICAL LIST OF MEMBERS

## A

ACKERMAN, Bernice .....	15
ALM, Alvin L. ....	31
ALTSHULLER, Aubrey P. ....	5
AMDUR, Mary O. ....	21
ANDERSON, David M. ....	21
ANDERSON, W. P. ....	25
ARKELL, Donald R. ....	19
ARSHT, Leslye .....	27

## B

BAETJER, Anna M. ....	21
BARDEN, Charles R. ....	19
BASS, Gary K. ....	7
BAXTER, Samuel S. ....	35
BEAVER, Jack A. ....	37
BECKMAN, Arnold O. ....	29
BELOIAN, Aram .....	7
BIERLY, Eugene W. ....	15
BISHOP, Charles A. ....	17
BIXBY, Willard F. ....	25
BLANTON, John W. ....	17
BLEGEN, James .....	23
BLOCH, Mary Belle .....	27
BLOODGOOD, Don E. ....	9
BODURTHA, Frank T. ....	17
BOWE, John .....	25
BOWER, Blair T. ....	9
BREWER, Jerry L. ....	23
BREWER, J. L. ....	25
BRIDGE, Dennis P. ....	23
BROWN, Myrtle L. ....	13
BROWN, Royal A. ....	23
BRUCH, Mary K. ....	7
BURKE, George W. ....	3
BURSH, Talmage P. ....	5

## C

CAHILL, Harold P. Jr. ....	35
CALVERT, Jack G. ....	5
CANHAM, Robert A. ....	35
CARTER, James P. ....	13
CHALKER, William R. ....	25
CLARK, Vance E. ....	35
CLUSEN, Ruth C. ....	35

CONN, Frederick J. Jr. ....	37
CONNELL, George H. ....	7
COPLEY, Charles M. Jr. ....	17
COULTER, James B. ....	3
CROCKER, Thomas D. ....	21
CROFT, Charles C. ....	3
CRUZ PEREZ, Rafael .....	17

## D

DALE, John T. ....	23
DARBY, William J. ....	13
DAVIDSON, John K. ....	11
DAVIS, Joyce P. ....	11
DECK, Errett .....	13
DEWAR, Norman .....	7
DOLEZAL, Alice .....	11
DONALDSON, Coleman D. ....	29
DuMONT, Karen D. ....	27
DUZY, Robert H. ....	23

## E

ECKENFELDER, William W. Jr. ....	9
ELKINS, Charles .....	31
EPSTEIN, Samuel S. ....	21
ESTES, Frances L. ....	5
EVANS, Leslie B. ....	25

## F

FELDSTEIN, Milton .....	5,31, 32
FERRERI, George P. ....	17
FISCHER, Lester John .....	27
FLANIGAN, Robert .....	37
FORSBERG, Franklin S. ....	29
FRIEDEL, George C. ....	19

## G

GAUGUSH, Francis C. ....	23
GAYLES, Joseph N. Jr. ....	19
GIBBS, Charles V. ....	35
GLEASON, Thomas W. ....	37
GOLBERG, Leon .....	13
GOODWIN, Don .....	17
GRAEBNER, Clark .....	27

# G

GREENFIELD, Stanley M. ....	31
GRIEVES, Robert B. ....	9
GUEST, H. R. ....	25
GUILLORY, William A. ....	5
GUYER, Gordon E. ....	13
GUZMAN, Ramon ....	9

# H

HAAGEN-SMIT, Arie J. .... 21,31,	32
HAMILTON, Harry L. Jr. ....	15
HAMILTON, Sibyl C. ....	29
HANSEN, Roger P. ....	13
HARTUNG, H. O. ....	3
HAUSLER, W. J. ....	3
HAYS, Priscilla Harvey ....	37
HEATH, Milton S. Jr. ....	19
HEISLER, Stanley D. ....	29
HENDERSON, Hazel ....	19
HEWETT, P. S. ....	23
HILDEBRANDT, Peter W. ....	19
HODGES, Harold E. ....	17
HOLDEN, Matthew Jr. ....	29
HOSLER, Charles L. Jr. ....	15
HOVEY, Harry H. Jr. ....	17
HOWARD, Paul N. Jr. ....	35

# I

INGRAHAM, Hollis S. ....	3
--------------------------	---

# J

JENKINS, Doris J. ....	7
JENSEN, Emil C. ....	3
JOHNSON, Charles C. Jr. ....	35
JORDAN, Bryon Pat ....	37

# K

KELLOGG, William W. .... 15,31,	32
KIDD, Charles C. ....	11
KIMBALL, Thomas L. ....	29
KING, Lance ....	27
KIRK, Alan G. ....	31
KNOX, Joseph B. ....	15
KONRAD, William N. ....	35

KOVAGO, Joseph ....	29
KRENZ, William A. ....	23

# L

LaBORDE, H. J. ....	25
LANDSBERG, Helmut E. ....	15
LARSON, T. E. ....	3
LI, C. C. ....	21
LINDE, Ernst ....	21
LOHSE, E. Alan ....	29
LONG, William N. ....	3
LOPP, W. James II ....	35
LOVE, R. M. ....	25
LOWMAN, Frank G. ....	11

# Mc

McCALL, Garmon C. ....	3
McCALL, Robert ....	9
McCARROLL, James R. ....	21
McCARTER, Katherine S. ....	19
McCLELLAN, Roger O. ....	11
McCONNELL, A. Mitchell Jr. ....	29
McCRAVEN, Marcus R. ....	17
McGILL, Gene ....	25
McKEEVER, Marlin ....	27
McLINDON, Gerald J. ....	19

# M

MACHTA, Lester ....	15
MACKENTHUN, Kenneth M. ....	9
MALLISON, George F. ....	7
MALONE, Winfred F. .... 13,31,	32
MARGETTS, Josephine S. ....	29
MAYCOCK, R. L. ....	25
MENDENHALL, Irvan F. ....	37
MOELLER, Dade W. ....	19
MOSER, Charles E. ....	5
MRAK, Emil M. .... 13,31,	32
MULLEN, Hugh ....	17

# N

NEE, Victor W. ....	15
NELSON, Norton ....	13



# O

ODUM, Eugene P. ....	21
O'KEEFE, Harold F. ....	7
ONGERTH, Henry J. ....	3,31, 32

# P

PARKER, James Larry ....	27
PATRICK, Ruth ....	13
PAULSON, Glenn ....	9
PERVIER, James W. ....	25
PETROCCI, A. N. ....	7
PIER, Arthur F. ....	25
PICKARD, Ralph C. ....	35
PIERCE, Donald M. ....	35
PLAGER, Sheldon J. ....	19
POLAKOVIC, Milton P. ....	23
POWELL, Robert F. ....	29, 37
POWERS, William E. ....	11
PRINCE, Joseph K. ....	29

# R

RADFORD, Richard D. ....	23
RASMUSSEN, Reinhold A. ....	5
REITER, Elmar R. ....	15
ROBINSON, Elmer ....	21
RODMAN, H. G. ....	23
ROESSLER, William G. ....	7
ROMAN, Daniel P. ....	7
ROSENBERG, Myron G. ....	7
RUDNICK, Jessie W. ....	3

# S

SAGER, Martha ....	9
SANSOM, Robert L. ....	31
SCHOLLANDER, Donald ....	27
SHOLTES, Robert S. ....	17
SIX, Robert F. ....	29
SMITH, Gerald C. ....	3
SMITH, J. Thomas ....	37
SMITH, James R. ....	15
SMITH, Jody ....	27
SMITH, Lloyd Jr. ....	9
SNOWDEN, Frederick ....	27
SPUHLER, Frank ....	25
SPARKS, Joe P. ....	29
STARR, Bart ....	27

STAUBACH, Roger ....	27
STEPHENSON, Harry B. ....	23
STERLING, Morton ....	21
STERN, Arthur C. ....	21
STRAUB, Conrad P. ....	11,31, 32
STRESEN-REUTER, Alfred P. ....	23
STROY, Esther ....	27
SUSSMAN, Victor H. ....	17
SWANSON, Earl ....	13
SWETS, Donald H. ....	35

# T

TALLEY, Wilson K. ....	13
TELLER, Aaron J. ....	17
TERRILL, James G. Jr. ....	11
TOWNSEND, Ronnie E. ....	19
TRAIN, Russell E. ....	29, 37

# U

UPDYKE, L. J. ....	25
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# V

von RÜMKER, Rosmarie ....	13
---------------------------	----

# W

WAKE, Benjamin F. ....	17
WALTER, George ....	7
WEAVER, Charles L. ....	11
WEINBERGER, Caspar W. ....	37
WEINER, Ruth F. ....	17
WERNER, Louis B. ....	11
WEYL, W. Leonard ....	13
WHEELER, Elmer P. ....	21
WHITBY, Kenneth T. ....	5
WIGGINS, Raymond L. ....	17
WILSON, John T. Jr. ....	21
WILSON, Katherine W. ....	5
WOODS, Geraldine P. ....	19
WOODWARD, Richard L. ....	3
WRIGHT, John R. ....	35
WYNDHAM, Herbert B. Jr. ....	35

# Z

ZADRONSKY, Mitchell G. ....	37
ZAPP, John A. ....	3
ZIMMT, Werner S. ....	23

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

RECEIVED

E. P. A. REGION IX

SUBJECT: Review of Accomplishments of EPA Advisory Committees DATE: MAR 8 1974

MAR 14 8 49 AM '74

FROM: S. D. Greenstone  
Director, Management and Organization Division (PM 213)

TO: See Attached List

Enclosed is a recently revised brochure of EPA Advisory Committees which is used to fill requests from Agency staff, the general public, the Congress and other governmental agencies. The brochure contains descriptions of EPA advisory groups upon which the Agency relies for advice. It shows their accomplishments, as well as their structure, a description of the functions, names and affiliations of committee members, and a statement regarding meetings.

In all its committee management activities, the EPA adheres strictly to the provisions of the Federal Advisory Committee Act, P.L. 92-463, and the Office of Management and Budget/Department of Justice guidelines implementing requirements of the act. Meetings held or actions taken by any advisory committee not shown in the brochure violate the act, and any further activity must be discontinued until a charter is filed. Program personnel should be reminded that no advisory committee can meet or conduct any committee business without properly filing a charter in accordance with the act as published in Chapter 2, subsection 4h, of the EPA Committee Management Manual, TN 1130.1, dated January 5, 1973. Mrs. Thelma Ellison, (AC 202) 755-0866, is available also to assist staff in preparing committee charters.

Each Executive Secretary has reviewed the statement for his committee and has provided the summary of accomplishments which are included in the brochure. I would appreciate if you would take this opportunity to evaluate the activities and accomplishments of the committees under your purview.

Mrs. Ellison should be informed of any advisory committee established or utilized by the Agency that is not shown in the brochure.

Enclosure

## Addressess:

Mr. Donald Bliss (A-101)  
Mr. Gary Comstock (HM-556)  
Mr. Roger Williams (EG-329)  
Mr. Gary Katz (PM-208)  
Mr. Edward Tuerk (AW-443)  
Dr. David Stephan (RD-674)  
Mr. Douglas McMillian, Region I  
Mr. Herbert Barrack, Region II  
Mr. Willis Greenstreet, Region III  
Mr. Douglas Shape, Region IV  
Mr. Donald Marshall, Region V  
Mr. Wallace Greene, Region VI  
Mr. Earl Stephenson, Region VII  
Mr. Samuel Landis, Region VIII  
Ms. Sheila Prindiville, Region IX  
Mr. Hurlon Ray, Region X