

For Information Only - Not for Publication.

AMERICAN PETROLEUM INSTITUTE
MEDICAL ADVISORY COMMITTEEMinutes of Meeting
May 7-8, 1945
Hotel Statler
St. Louis, Missouri

MEMBERS PRESENT:

McIver Woody - Chairman
D. V. Stroop - SecretaryJ. M. Adams
W. O. Armstrong
V. C. Baird
F. F. BoysD. M. English
T. M. Frank
A. E. Hoag
R. A. JewettM. N. Newquist
I. E. Percy
B. B. Reeve
O. S. Somerville

MEMBERS ABSENT:

Wm. Russell Lewis
W. A. MorrisonJ. F. Peattie
H. S. Thomson

ASSOCIATES PRESENT:

E. W. Adams	Standard Oil Co. (Indiana),	Chicago, Ill.
L. C. Beard, Jr.	Socony-Vacuum Oil Co., Inc.	New York, N. Y.
R. S. Bonsib	Standard Oil Co. (N.J.)	New York, N. Y.
R. C. Cole	Phillips Petroleum Co.	Bartlesville, Okla.
Wm. Grant, Jr.	Humble Oil & Refining Co.	Houston, Texas
H. R. Kemmerer	Shell Oil Company	Wood River, Ill.
A. J. Koewing, Jr.	Socony-Vacuum Oil Co., (Lubrite Div.)	East St. Louis, Ill.
H. P. Lankelm	Standard Oil Co. (Ohio)	Cleveland, Ohio
H. R. Warrick	The Texas Company	New York, N. Y.
F. M. Watkins	Sinclair Refining Co.	East Chicago, Ind.

GUESTS:

Wm. W. Brooks, M.D. Phillips Petroleum Co.
R. E. Gould " " "
F. F. Heyroth, M.D. Kettering LaboratoryPhillips, Texas
Bartlesville, Okla.
University of Cincinnati

I

Choice of Chairman for 1945.

Following a review of the origin and purpose of the Medical Advisory Committee, McIver Woody was chosen to serve as chairman for 1945.

II

Medical Problems in Hydrocarbons

API 06766

By invitation Doctor Heyroth reviewed data and sources of data on the toxicology of hydrocarbons which recently have become important because of the rapid growth in their production.

SC-API-1665

Action: The committee tendered Doctor Heyroth a vote of appreciation and thanks for his presentation and requested him to send a copy of his review to the secretary so that copies could be distributed to members and associates.

III

List of Current Medical Problems

A canvass of members resulted in the listing of a number of substances and mixtures which may be injurious to persons through contact, absorption, or inhalation. In addition a number of subjects involving matters of policy and administrative practices were suggested for committee consideration.

The committee discussed several bases for classifying problems for inclusion in its program of work, as follows:

1. By groups of substances or mixtures, such as types of hydrocarbons, inhibitors, additives, catalysts, or acids.
2. By the manner in which substances may injure persons, such as skin contact, absorption, or inhalation.
3. By the method of solution to be used on problems, such as cooperative compilation of clinical data, literary research, or laboratory research.

Action: The committee did not agree upon a comprehensive classification of the full list of problems but it was in agreement on four studies which should be initiated in 1945, as follows:

1. The study of medical policies and practices and formulation of tentative procedures for guidance of medical men in industry.
2. A study of chlorinated compounds, particularly chlorinated cutting oils used in petroleum products, and of their effects.
3. A study of possible carcinogenic properties of hydrocarbons and petroleum products.
4. Preliminary reviews and studies as to the toxic effects and properties of hydrocarbons, products and substances other than those included in items 2 and 3.

The chairman was authorized to appoint four subcommittees to undertake these studies.

Notes by Secretary: (1) An outline of the field of interest of members, as developed at the meeting, is appended to these minutes.

- (2) The chairman announced the memberships of subcommittees, as follows:

a. Subcommittee of Medical Policies and Practices

R. A. Jewett, Chairman—
J. M. Adams
T. M. Frank
W. A. Morrison — *Union*
J. F. Peattie — *T.W.*
I. E. Percy
H. S. Thomson — *Society*
McIver Woody, Ex Officio
D. V. Stroop, " "

b. Subcommittee on Chlorinated Compounds

F. F. Boys, Chairman
A. E. Hoag
M. N. Newquist
B. B. Reeve
McIver Woody, Ex Officio
D. V. Stroop, " "

c. Subcommittee on Carcinogenicity

M. N. Newquist, Chairman
J. M. Adams
A. E. Hoag
Wm. Russell Lewis
I. E. Percy
McIver Woody, Ex Officio
D. V. Stroop, " "

d. Subcommittee on Permissible Concentrations

V. C. Baird, Chairman
W. O. Armstrong
D. M. English
T. M. Frank
O. S. Somerville
McIver Woody, Ex Officio
D. V. Stroop, " "

IV

Contribution and Dissemination of Information

Contributions of literature reviews were contributed to the Committee by the following:

1. Library of the Technical and Research Division, The Texas Company
"The Carcinogenicity of Bituminous Compounds," April 30, 1945
2. Chemical Division, Soco ry-Vacuum Oil Co., Inc.
"Carcinogenic Hydrocarbons," April 27, 1945

-1-

Another contribution will be made by a third company if, as, and when brought up to date and authorized for release to the committee.

Action: On motion it was agreed that the name of each duly authorized associate should be placed on the committee mailing list to receive contributed material as well as other committee communications.

V

Medical Research Program

Following luncheon meetings of three of the four subcommittees, informal reports containing preliminary recommendations on research work were presented by subcommittee chairmen.

The committee's conclusions and recommendations on the subject of research were incorporated in a draft of letter addressed to the president of the American Petroleum Institute.

Action: On motion it was voted unanimously that the secretary should transmit the following letter:

Mr. Wm. R. Boyl, Jr., President
American Petroleum Institute
50 West 50th Street
New York 20, N. Y.

Medical Research Program

Dear Sir:

Pursuant to your appointment of February 23, 1945, the Institute's Medical Advisory Committee held its organization meeting in St. Louis, Mo., on May 7 and 8, 1945. Thirteen of its seventeen members and all of its associate members were present.

Discussion developed a broad field of interest in subjects of importance to the petroleum industry, particularly to petroleum refiners.

The committee selected four groups of these subjects upon which to start work in 1945. Subcommittees were appointed to prepare detailed plans for cooperative and research work on these problems. Three of the subcommittees have found there is need for research work in their assignments. The medical advisory committee concurs in these findings and recommends to the Executive Committee of the Board of Directors that it should authorize a three-year program of medical research to be conducted under the auspices of the American Petroleum Institute with the guidance and advice of the Medical Advisory Committee and including general provisions as follows:

1. The Institute should be authorized to solicit contributions for the establishment of a Special Medical Research Fund in the amount of \$25,000 with which to initiate the program.
2. There should be three medical research projects established to investigate and to report on subjects as follows:

- a. Chlorinated compounds used in petroleum products.
- b. The effect of refinery processes upon carcinogenic properties of petroleum products.
- c. The determination of best values for permissible concentrations of toxic substances used and produced in the petroleum industry.

Respectfully submitted on behalf of the Medical Advisory
Committee

By (D. V. Stroop)
Secretary

VI

Publicity

There was a consensus that the secretary should prepare such press release as may be deemed necessary in connection with the organization of the Medical Advisory Committee.

VII

Next Meeting

There was a consensus that the next meeting should be held during October or November, 1945, and immediately prior to the 25th Annual Meeting of the Institute if it is held in November, 1945.

VIII

Adjournment

The committee meeting was adjourned.

APPROVED

McIVER WOODY
Chairman

D. V. STROOP
Secretary

Appendix
to
Minutes of Meeting
Medical Advisory Committee
Held May 7-8, 1945

An Outline of the
Field of Interest of the
API Medical Advisory Committee

I Industrial Health and Related Subjects

A. Matters Incident to Employment of Persons in Petroleum Industry, such as:

1. Preplacement examination procedures
2. Reexamination practices
3. Rehabilitation of returning war veterans
4. Treatment of employee sickness and sick benefits
5. Acceptable standards in sanitation and healthful working conditions
6. Effect of air conditioning on health

B. Matters Incident to Possible Injury to Employees, such as:

1. From skin contact with substances which may result in:
 - a. Injury to skin, including
 - (1) Possible carcinogenic effects
 - (2) Other injurious effects on skin, by substances such as
 - (a) Chlorinated compounds
 - (b) H F burns
 - (c) Radio-active substances
 - b. Absorption through skin of toxic substances
2. From Inhalation of:
 - a. Hydrocarbon vapors and gases
 - b. Solid particles including catalysts and sand-blasting sand
 - c. Poisons, such as H_2S , TEL, CS, HF

C. Matters Incident to Treatment of Injured Employees

1. Exchange of information on acceptable methods of treatment

D. General

1. Legislative factors
2. Research work and programs
3. Educational activities
4. Correlation of medical work with other operations in petroleum industry

II Public Health and Related Subjects

- A. Labels and precautionary information
- B. Pooling information to defend against fraudulent actions
- C. Legislative problems.