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FOR INFORMATION ONLY

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AMERICAN PETROLEUM INSTITUTE
MEDICAL ADVISORY COMMITTEE

Twenty-third Meeting
April 21, 1957
Sheraton-Jefferson Hotel
St. Louis, Missouri

MEMBERS PRESENT

L. E. Curtis, M. D., Chairman
V. C. Baird, M. D., Vice Chairman
C. R. Miller, M. D., Secretary

W. O. Armstrong, M. D.	T. J. Kelly, M. D.
Lamson Blaney, M. D.	E. K. Linder, M. D.
F. F. Boys, M. D.	T. H. Mitchell, M. D.
Richard Call, M. D.	M. N. Newquist, M. D.
J. W. Crookshank, M. D.	J. W. Osborn, M. D.
Kieffer Davis, M. D.	B. B. Reeve, M. D.
R. E. Eckardt, M. D.	J. C. Ruddock, M. D.
K. R. Fourcher, M. D.	G. M. Saunders, M. D.
T. M. Frank, M. D.	R. Schneider, M. D.

TECHNICAL ADVISORS PRESENT

W. L. Avrett	C. A. Neilson
R. C. Cole	A. C. Pabst
E. K. Daniels	L. E. Renes
Allen E. Dooley	C. L. Samuelson, M. D.
Paul D. Halley	W. E. Scoville
J. W. Hammond	Jack Spence

OTHERS REGISTERED

W. E. Broughton, M. D.	- Operating Companies in Iran
P. T. Dieffenbachw, M. D.	- Standard Oil Co. of California
Philip Drinker	- Harvard University
Charles A. Jones	- Shell Oil Company
John Hatch, M. D.	- Phillips Petroleum Co.
E. O. Mattocks	- American Petroleum Institute
K. G. Mackenzie	- Barber Oil Corporation (Observer)
H. Van Roalte, M. D.	- Royal Dutch Shell
Rupert Scott, M. D.	- Shell Petroleum Company
D. V. Stroop	- American Petroleum Institute
Edwin A. Turcot, M. D.	- Imperial Oil Limited
W. H. T. Weston, M. D.	- Iranian Oil Services Co.
Robert A. Wise, M. D.	- Humble Oil and Refining Co.

MEMBERS NOT REGISTERED

F. D. Gassaway, M. D.	B. S. Miller, M. D.
C. H. Hine, M. D.	R. C. Page, M. D.
E. P. Luongo, M. D.	R. J. Potts, M. D.
Leo J. Wade, M. D.	

API 07292

I

MINUTES OF TWENTY-SECOND MEETING

ACTION: The committee voted to approve the minutes of the twenty-second meeting as circularized.

II

PHILIP DRINKER

Philip Drinker gave an illustrated forty-minute talk on atmospheric pollution.

III

SUBCOMMITTEE REPORTS

A. Subcommittee on C₉ - C₁₂ Aromatics - Kieffer Davis, M. D., Chairman

Dr. Davis presented the subcommittee report which is appended as Exhibit A.

ACTION: The Medical Advisory Committee voted to accept the report and to adopt its recommendation for \$20,000 to be provided for continuation of work in 1958-59.

B. Program Subcommittee - B. B. Reeve, M. D., Chairman

By request, the subcommittee report, which is appended as Exhibit B, was presented by Lamson Blaney, M. D. The report was discussed by Dr. Reeve.

ACTION: The report was accepted except that action was deferred on the question of eliminating the medical round table at the Spring Meeting in 1958.

C. Subcommittee on Atmospheric Pollutants - John C. Ruddock, M. D., Chairman

Dr. Ruddock presented an informal progress report and stated that the subcommittee was not prepared to submit specific recommendations for the proposed research project pending further study and investigation.

ACTION: The report was accepted.

D. Subcommittee on Economic Poisons - J. W. Osborn, M. D., Chairman

Dr. Osborn presented the subcommittee report which is appended as Exhibit C.

ACTION: The committee voted to accept the subcommittee report.

Note: See Medical and Health Committee Report given by D. T. Staples to the Board of Directors, April 26, 1957, Exhibit H.

E. Subcommittee on Toxicological Reviews - H. W. Gerarde, M. D., Chairman

In absence of Dr. Gerarde, Philip Drinker presented the report which is appended as Exhibit D.

ACTION: The report was accepted.

F. Subcommittee on Industrial Hygiene - Paul Halley, Chairman

Mr. Halley presented the subcommittee report which is appended as Exhibit E.

ACTION: The committee accepted the subcommittee report.

G. Subcommittee on Dermatology - Leo J. Wade, M. D., Chairman

In Dr. Wade's absence, Dr. Newquist presented the subcommittee report which is appended as Exhibit F.

ACTION: The report was accepted.

H. Subcommittee on Carcinogenicity - R. E. Eckardt, M. D., Chairman

Dr. Eckardt presented the subcommittee report which is appended as Exhibit G.

ACTION: The committee voted to accept the subcommittee report.

Note: See Medical and Health Committee Report given by D. T. Staples to the Board of Directors, April 26, 1957, Exhibit H.

NOTE: Reports were not presented for the following subcommittees:
1. Operating Subcommittee
2. Physical Agents
3. Medical Policies and Practices

IV

REPORTS BY LIAISON MEMBERS

Brief informal reports were made by liaison members for:

1. Labeling by M. N. Newquist, M. D.
2. First Aid Training by T. M. Frank, M. D.

V

NEW BUSINESS

A. Proposed letter to Surgeon-General

Reference was made to action taken by Medical Advisory Committee at its twenty-second meeting on November 12, 1956 which recommended that a letter should be sent to the Surgeon-General by the proper authority of the API.

ACTION: On motion the committee voted to rescind its action recommending the transmittal of such a letter.

B. Twenty-fourth Meeting of MAC

After discussion the committee voted in favor of meetings in Chicago in November 1957 as follows:

1. Public Group Session - Monday Morning, November 11.
2. Unscheduled Medical Round Table - Monday Afternoon, November 11.
3. Unscheduled Subcommittee Meetings.
Tuesday Morning and Afternoon - November 12.
(and possibly also Wednesday Morning, November 13)
4. Twenty-fourth meeting of MAC - Wednesday, November 13.

VI

ADJOURNMENT

There being no further business before the committee, the meeting was adjourned.

C. R. Miller, M. D.
Secretary

Approved by:
L. E. Curtis, M. D.
Chairman

5/3/57

EXHIBIT A
TO MINUTES OF 23RD MAC MEETING

Subcommittee on C₉-C₁₂ Aromatics

Kieffer Davis, M. D., Chairman

The interim meeting convened at 9:00 A. M., April 20, 1957, at the Jefferson Hotel, St. Louis, Mo. Committee members present were: Dr. W. O. Armstrong, Dr. J. W. Crookshank, Dr. Robert Eckardt, Dr. T. M. Frank, Jack Spence, and committee chairman. 15 visitors were also present.

After introduction, Dr. Carl Nau, Chief Investigator of the project, reviewed to the committee all work that has been completed to this date, which included a description of physical facilities, test procedures, and results. A 15 minute color film, which showed the gross appearance and response of the test animals under specified test measures, was presented to the group.

The data accumulated reveals that the response of the test rats to the control compounds (Benzene and N-Decane) in comparison with the responses of the animals to C₉-C₁₂ fractions exposures is inconsistent in terms of pathological findings. Objectively, the only consistent findings were the narcotizing and anesthetizing effects of the C₉-C₁₂ fractions.

The subcommittee concurs with the chief investigator that:

1. None of our data appear to us to be especially significant insofar as the objectives of our study are concerned.
2. Rats do not seem to be desirable animals for our studies. Although the data on mice testing are still incomplete, the results thus far obtained indicate that no significant findings will be developed.

The committee recommends that:

1. Studies using mice should be continued until sufficient data for conclusions are available. This should require about 4 months more time.
2. The subcommittee agreed that this program proceed as originally conceived using a different species of test animal - namely the monkey.
3. The subcommittee is requesting monies in the amount of \$20,000 to carry out this work for the fiscal year 1958-1959.

EXHIBIT B
TO MINUTES OF 23RD MEETING

Program Subcommittee

B. B. Reeve, M. D., Chairman

The Program Subcommittee met at 3:00 P. M. on April 20th. Members present were:

B. B. Reeve, Chairman
Lamson Blaney
J. W. Osborn
G. M. Saunders

Visitors were:

J. W. Crookshank
L. E. Curtis
M. N. Newquist

Several subjects were considered for presentation at the group session at the next annual API meeting. It was felt that the material should be significant to the industry and also have a general appeal.

The following program is recommended:

1. Summary of Recent Activities of the API Medical Advisory Committee
L. E. Curtis, M. D., Chairman (15 minutes)
Question period (5 minutes)

2. "Emotional Health Problems in Industry" (40 minutes)
Four speakers were suggested from whom one is to be selected:

A. Jack Ewolt - Massachusetts Dept. of Health
B. McClean - American Cyanamid
C. Collins - Eastman
D. Ross - University of Cincinnati

Question period (10 minutes)

3. "Your Heart and Your Job"

A discussion of measures to prevent and control heart disease and activities which are compatible with cardiac disabilities. (40 min.)
Three speakers were suggested from whom one is to be selected:

A. Louis Katz - Chicago
B. Herman Hellerstein - Cleveland - Known for
physical demand studies in relation to heart disease.
C. Edward Kline - Cleveland - G. E. Lamp Division.

Question period (10 minutes)

Cards are to be placed in the seats so that the audience may address written questions to the speakers through the moderator.

As a matter of general interest we were informed by Chairman Curtis that funds are available to pay speaker's travel expenses when necessary.

Finally, the Subcommittee proposes that in view of the number of meetings already being held in conjunction with the I.M.A., that the round table discussions be held only at the time of the annual meeting of the API.

B. B. Reeve, M. D., Chairman

API 07297

EXHIBIT C
TO MINUTES OF 23RD MAC MEETING

Subcommittee on Economic Poisons

J. W. Osborn, M. D., Chairman

- I. Meeting called to order by chairman at 9:00 A. M., April 20, 1957, Sheraton-Jefferson Hotel, St. Louis, Missouri.

Members Present: (4 of 5)
Dr. J. W. Osborn, Chairman
Mr. J. W. Hammond, Secretary
Mr. R. C. Cole
Dr. M. N. Newquist

Guests Present: (12)
Dr. R. E. Birrell
Dr. L. Blaney
Dr. F. F. Boys
Mr. R. Call
Dr. L. E. Curtis
Mr. A. E. Dooley
Dr. R. E. Eckardt
Mr. E. O. Mattocks
Dr. B. B. Reeve
Dr. J. C. Ruddock
Mr. W. E. Scovill
Dr. E. A. Turcot

The chairman announced that Dr. George W. Starbuck, Chairman, Child Accident Prevention Committee, American Academy of Pediatrics, who had been invited to attend this meeting was unable at the last minute to do so and sent his sincere regrets.

- II. In reference to Appendix E of the minutes of the 22nd MAC meeting on the subject of kerosine poisoning:

- A. The Medical and Health Committee of the API Board has approved the \$5000 requested for 1957-58 for research in the field of treatment of kerosine poisoning. It has not yet acted on our other recommendations pertaining to the educational programs.

Dr. L. E. Curtis, MAC Chairman, has been invited to meet with the Medical and Health Committee on April 25, 1957 in Dallas at which time he will discuss the educational programs outlined in the recommendations.

- B. With reference to the treatment of kerosine poisoning the Subcommittee on Economic Poisons will proceed to contact organizations and individuals interested in this field for their specific recommendations and proposals on research. Our specific recommendations to the MAC will be made after receiving and evaluating all pertinent information. The subcommittee unanimously requests Dr. Curtis to appoint a member to our subcommittee who is an expert in the medical evaluation of this type of research.
- C. With reference to the Educational Programs, pending the action of the Medical and Health Committee our subcommittee will continue in informal contact with several interested organizations. Such contact has been made to date with representatives of the American Public Health Association, American Medical Association, and the American Academy of Pediatrics. No contact has been made with other groups.

- D. With reference to Poison Control Centers, the subcommittee wishes to announce that in Washington under the U.S. Public Health Service a "National Clearing House for Poison Control Centers" has recently been organized. This "Clearing House" is organizing an Advisory Council. Our subcommittee recognizes the desirability of maintaining contact with this development with the idea that the petroleum industry may wish to seek representation thereon.

III. New Business

- A. The subcommittee recognizes the need to review the possible health implications in the use of petroleum products which are used by themselves as economic poisons in agriculture. A list of such products will be requested from the API Committee on Agriculture for our review.

- IV. The Subcommittee requests that this report be accepted by the MAC.

EXHIBIT D
TO MINUTES OF 25RD MAC MEETING

Progress Report on Toxicological Reviews
(Presented by Philip Drinker in absence of H. W. Gerarde, M. D., Chairman)

The literature on the following substances has been searched from the date of the last report until the present.

- (a) Benzene
- (b) Cyclohexane
- (c) Methylcyclohexane
- (d) Napthenic acid
- (e) Copper naphthenate
- (f) Mesitylene
- (g) Napthalene
- (h) Aromatic solvent naphtha
- (i) Butadiene

A great deal of new material has accumulated in reference to the toxicity of benzene. The pertinent results are being summarized and will be incorporated into final form along with the information of the previous reports. Less extensive revision will be required for the remaining agents listed above. In the case of toluene, xylene and kerosine a rather large amount of literature has yet to be searched completely. This is currently being undertaken.

The final revision of a number of these substances will be forthcoming in the near future.

EXHIBIT E
TO MINUTES OF 23RD MAC MEETING

Report of the Subcommittee on Industrial Hygiene
Paul D. Halley, Chairman

I. American Standards Association Committees

A. ASA-Z37 Committee on Maximum Acceptable Concentrations of Toxic Dusts and Gases:

Mr. A. E. Dooley, API Representative to the Z-37 Committee reported on their activities. A standard for formaldehyde has been submitted to the ASA for approval. A standard on carbon tetrachloride has already been approved and is ready for sale.

A summary of tentative standards being considered by Committee ASA-Z37 with information considered pertinent has been prepared by Mr. Dooley. Copies of this summary will be made available to the MAC Subcommittee on Toxicological Reviews.

B. ASA-Z4 Committee on Industrial Sanitation.

Mr. Dooley reports that this committee which is concerned with the promulgation of standards for industrial sanitation has not been active the past 6 months.

II. The main business of the Subcommittee was to review a monograph titled "Health and Physiological Safety in the Process Industries" prepared by the M. W. Kellogg Co. This manual had been obtained by Dr. Curtis and was circulated to the members of the Subcommittee in order to obtain their thoughts concerning its value to the API.

The Subcommittee recognized numerous technical inaccuracies in the manual and recommends that it should not be distributed in its present form. However, the Subcommittee wishes to compliment the M. W. Kellogg Co. for initiating a project of this magnitude.

In considering the merits that a revised text of Kellogg would have to the oil industry, Subcommittee members were of the opinion that such a publication would have some value, but that at the present time, the Subcommittee is not in a position to undertake a project of such volume and scope.

Accordingly, the Subcommittee voted to defer for one year, a decision on the preparation of such a manual.

EXHIBIT F
TO MINUTES OF 23RD MAC MEETING

Report of the Subcommittee on Dermatitis
Leo J. Wade, M. D., Chairman

Inasmuch as I shall not be present in St. Louis, I am asking Doctor Newquist to review for the Medical Advisory Committee the present status of the attempt to provide some industry-wide advice to consumers of cutting fluids and other petroleum products. We have been told by Mr. Rumoshosky that the Joint Subcommittee which sponsored the project at the Industrial Hygiene Foundation is considered disbanded. The Hygiene Panel of the Lubrication Committee has been in communication with Dr. Braun, of the Industrial Hygiene Foundation, concerning the preparation of an A.P.I. booklet on the safe handling of cutting fluids. Dr. Braun and his associates were unwilling to commit themselves to any further course of action without having an opportunity to review the materials now available in the industry for customer education. To that end, the Hygiene Panel recommended the following:

- "1. Have the Panel Secretary bring up to date his collection of current bulletins issued by oil marketers on preventive hygiene and request the marketers to furnish supplementary information that their Medical Departments can contribute. An A.P.I. issue should then be prepared as a composite by a recognized organization such as Industrial Hygiene Foundation, who would be credited for the release, indicating that it was from an unbiased source.
- "2. Arrange for publication of an article in a suitable trade journal, placing the incidence of dermatitis due to petroleum product exposure in proper perspective. This article would be based on the Dermatitis Survey information as soon as it is released for such use by Industrial Hygiene Foundation."

It is quite apparent that the assistance of our committee is not wanted at the present time. Unless members of the Medical Advisory Committee feel otherwise, it is our opinion that we might well bide our time until a collection of information by Mr. Erickson has been completed.

March 29, 1957
Revised July 15th
By DVS with permission of Leo J. Wade, M. D.

EXHIBIT G
To Minutes of 23rd MAC Meeting

Subcommittee on Carcinogenicity
R. E. Eckardt, M. D., Chairman

The Subcommittee on Carcinogenicity has held several meetings since the last meeting of the Medical Advisory Committee. Basically it has been concerned with two problems during this interval.

The first of these problems concerns the potential carcinogenicity of waxes used on milk cartons, and was precipitated by a meeting of the Cancer Prevention Committee of the International Union Against Cancer, held in Rome in August 1956. At that time, it was proposed in newspaper releases of the Cancer Prevention Committee that milk carton wax was suspect as a carcinogen. Although it is the opinion of the Subcommittee that milk carton wax presents no hazard to the consuming public, the same cannot be said about other waxes which may come in contact with food. Nonetheless, it is believed that the newspaper reports of the meeting in Rome cannot be ignored and that the petroleum industry should prepare itself to show conclusively that milk carton and other waxes do not present a hazard to the consuming public. It is the belief of the Subcommittee, as a result of the review of the literature, that the petroleum industry today is not in a position to make an adequate defense of this position. In view of this, therefore, the Subcommittee recommends, as already recommended to the MAC at its November meeting, the following courses of action:

1. A survey of wax uses which will bring wax into contact with foods or into use as food packages should be reviewed.
2. Biological tests of selected waxes from the above uses should be undertaken in accordance with the outline of carcinogenic testing submitted to the Subcommittee by one of the three following laboratories:
 - a. Dr. Philippe Shubik's laboratories at the Chicago Medical School.
 - b. Dr. Lloyd Hazleton's laboratories under the direction of Dr. Ivor Cornman.
 - c. Dr. Norton Nelson's laboratories at the Institute of Industrial Medicine.

The specific proposals of these three laboratories are available in the files of the Subcommittee and can be made available to any group which has a valid interest in them. The Subcommittee recommends the above three laboratories in the order indicated, although it suggests that any of the three laboratories would be in a position to conduct competent studies on this problem.

3. The Subcommittee, and any of its members, is willing to cooperate with and/or participate in any joint interdivisional committee which may be appointed to consider the problem of wax carcinogenicity. It is suggested that some representation from the MAC would be advisable on any such joint interdivisional Committee.
4. It is estimated that these studies will cost in the vicinity of \$60,000 to \$100,000 per year and should extend for an interval of at least three to five years, or possibly longer.

The second problem considered by the Subcommittee was to follow the carcinogenic work of the Kettering Laboratory and in this respect the Subcommittee reports as follows:

1. It accepts the report of Dr. Phair on the epidemiological work. It urges that every effort be made by the Kettering Laboratory to prepare a final report of these epidemiological studies by July 1, 1957.
2. It accepts the Interim Report of Dr. Horton, dated March 20, 1957.
3. It recommends that \$35,240 be appropriated by the API MAC to continue to work of the Kettering Laboratory until July 1, 1959. It recommends that the work at Kettering Laboratory be terminated at that time.

It points out that Dr. Kehoe has suggested that the petroleum industry might find it advisable to continue to support the Kettering Laboratory at some modest level in its carcinogenic investigations for an indefinite additional period. The Subcommittee is not sure what benefits would arise from this continued support. Dr. Kehoe suggests that the benefits might lie in the fact that the technology of the petroleum industry may change in the coming years and that this would make it possible for the petroleum industry to keep abreast of changes in the carcinogenicity of petroleum products with such contemplated future changes in the technology of the petroleum industry. The Subcommittee suggested that if a specific proposal for a specific amount and type of support of this work can be obtained from the Kettering Laboratory, then consideration be given at that time for such continued support.

April 20, 1957

API 07304

EXHIBIT H
To Minutes of 23rd MAC Meeting

Report to Board of Directors

Medical & Health Committee
D. T. Staples, Chairman

The Medical and Health Committee met Thursday, April 25 and acted on recommendations of the Medical Advisory Committee as follows:

1. It approved the MAC budget for expenditures totaling \$77,500 for the year ending June 30, 1958 included in the API budget approved November, 1956.
2. It authorized the Medical Advisory Committee to proceed with the research project on clinical and physiological effects of air pollution using the special fund of \$20,000 as authorized by the Executive Committee pursuant to the endorsement by the General Committee Division of Refining, November 14, 1956, which also was included in API budget approved November, 1956.
3. It authorized the chairman of the Medical and Health Committee to appoint a committee composed of 1 member of the Refining Division, 1 member of the Marketing Division and 1 member of the Medical Advisory Committee to study and recommend the need of and ways and means of investigating the toxicology of petroleum waxes as heretofore recommended by the MAC.
4. It authorized the chairman of the Medical and Health Committee to refer to the vice president of the Marketing Division the recommendation of the MAC that a sum of \$5000 be provided for financial assistance to organizations outside of the oil industry which sponsor programs for the protection of children against kerosine poisoning.

On behalf of the Medical and Health Committee, I request the Board to ratify the committee's actions.

April 26, 1957

FOR COMMITTEE USE ONLY

NOT FOR PUBLICATION

MINUTES
TWENTY-FOURTH MEETING OF MEDICAL ADVISORY COMMITTEE

November 13, 1957
Conrad Hilton Hotel
Chicago, Illinois

MEMBERS PRESENT:

L. E. Curtis, M. D., Chairman
V. C. Baird, M. D., Vice Chairman
C. R. Miller, M. D., Secretary

Jamson Blaney, M. D.
F. F. Boys, M. D.
Richard Call, M. D.
R. E. Eckardt, M. D.
T. M. Frank, M. D.
J. H. Hege, M. D.
C. H. Hine, M. D.
T. J. Kelly, M. D.
E. K. Linder, M. D.

T. H. Mitchell, M. D.
M. N. Newquist, M. D.
J. W. Osborn, M. D.
B. B. Reeve, M. D.
J. C. Ruddock, M. D.
G. M. Saunders, M. D.
Ralph Schneider, M. D.
Leo J. Wade, M. D.

TECHNICAL ADVISORS PRESENT:

E. W. Adams
W. L. Avrett
R. D. Bent
C. T. Brown
R. C. Cole
E. K. Daniels
A. E. Docley
E. W. Gerarde, M. D.
N. J. Gothard
P. D. Halley

J. W. Hammond
N. V. Hendricks
T. B. Kimball
R. M. Landon
L. Mittelman
A. C. Pabst
T. B. Rendel
F. J. Sanders
J. A. Spence

MEMBERS ABSENT:

W. O. Armstrong, M. D.
J. W. Crookshank, M. D.
Kieffer Davis, M. D.
K. R. Fourcher, M. D.
F. D. Gassaway, M. D.

E. P. Luongo, M. D.
B. S. Miller, M. D.
R. C. Page, M. D.
R. J. Potts, M. D.

OTHERS PRESENT:

John Barton	-	Petroleum Week
W. L. Cullison	-	American Petroleum Institute
R. E. Howe	-	Sinclair Refining Company
K. G. Mackenzie	-	Barber Oil Corporation
E. O. Mattocks	-	American Petroleum Institute

I. MINUTES OF TWENTY-THIRD MEETING

The chairman asked if there were any corrections or additions to the minutes of the last meeting of the Medical Advisory Committee.

ACTION: It was regularly moved, seconded, and unanimously passed that the minutes of the twenty-third meeting, held April 21, 1957, be approved as distributed.

II. SUBCOMMITTEE REPORTS

A. Program Subcommittee

B. B. Reeve, M. D., Chairman of the Program Subcommittee, presented his report which is attached as Appendix A.

ACTION: It was regularly moved, seconded, and unanimously passed that the report be accepted.

ACTION: It was regularly moved, seconded, and unanimously passed that a vote of thanks be given to the chairman of the Program Subcommittee for arranging such an interesting Medical and Health Group Session, which was held Monday, November 11, 1957.

B. Atmospheric Pollutants

J. C. Ruddock, M. D., Chairman of the Atmospheric Pollutants Subcommittee, presented his report which is given as Appendix B.

ACTION: It was regularly moved, seconded, and unanimously passed that the report be accepted.

C. C₉ - C₁₂ Aromatics

In the absence of the chairman, Kieffer Davis, M. D., the subcommittee report was given by R. E. Eckardt, M. D., and is attached as Appendix C.

ACTION: It was regularly moved, seconded, and unanimously passed that the report be accepted.

D. Carcinogenicity

R. E. Eckardt, M. D., Chairman of the Subcommittee on Carcinogenicity, presented his report which is given as Appendix D.

ACTION: It was regularly moved, seconded, and unanimously passed that the report be accepted.

E. Dermatology

Leo J. Wade, M. D., Chairman of the Subcommittee on Dermatology, presented his report which is given as Appendix E.

ACTION: It was regularly moved, seconded, and unanimously passed that the report be accepted.

F. Economic Poisons

API 07307

J. W. Osborn, M. D., presented the Subcommittee on Economic Poisons report which is given as Appendix F. There was considerable discussion as to whether the requested work with Dr. Nau should be started now or should be postponed until after

the April meeting. Likewise, considerable discussion resulted from the recommendation that further work should be done on animals rather than clinical.

ACTION: It was regularly moved, seconded, and unanimously passed that the report be accepted.

G. Medical Policies and Practices

K. R. Fourcher, M. D., Chairman of this Subcommittee, had written Chairman Curtis that there was no report from this Subcommittee.

H. Physical Agents

Lamson Blaney, M. D., Chairman of the Subcommittee on Physical Agents, presented his report which is given as Appendix G.

ACTION: It was regularly moved, seconded, and unanimously passed that this report be accepted.

I. Toxicological Reviews

H. W. Gerarde, M. D., Chairman of the Toxicological Reviews Subcommittee, presented his report which is given as Appendix H.

ACTION: It was regularly moved, seconded, and unanimously passed that this report be accepted.

J. Industrial Hygiene

P. D. Halley, Chairman of the Industrial Hygiene Subcommittee, presented his report which is given as Appendix I.

ACTION: It was regularly moved, seconded, and unanimously passed that this report be accepted.

There was some discussion relative to the status of the industrial hygienist in the petroleum industry. The following action was taken:

ACTION: It was regularly moved, seconded, and unanimously passed that the Medical Advisory Committee recognize the importance of industrial hygiene as an essential function of occupational health in the petroleum industry and that the industrial hygienist should be accorded professional status.

III. REPORTS BY LIAISON MEMBERS

A. Dermatitis Survey

Leo J. Wade, M. D., reported that there was no longer a liaison with the Lubrication Committee. He reported experience with skin cancers in his company.

B. Asphalt Institute

R. E. Eckardt, M. D., stated there was nothing to report as there had been no liaison activity.

C. Smoke and Fumes Committee

J. C. Ruddock, M. D., reported that the liaison with the Division of Refining's Smoke and Fumes Committee was excellent. They were extremely cooperative in supplying copies of their committee's actions and keeping him informed otherwise.

D. American Standards Association

Chairman Curtis reported that the American Standards Association activities on the Z-4, Z-37, and Z62 Committees were of direct interest to the Industrial Hygiene Subcommittee. Reports were made directly to the Industrial Hygiene Subcommittee.

E. American Medical Association

J. W. Osborn, M. D., reported that he had been in recent conversation with Dr. Torald Sollmann relative to the AMA Committee on Toxicology's Proposed Conference of Governmental, Industry, and Medicine for the purpose of drafting a model law on labeling of hazardous chemicals. Dr. Sollmann told Dr. Osborn that his committee's original concept of a simple example of a model law when presented to the AMA legal department was rejected as being non-specific. The AMA legal department is now closely studying the proposed laws that are now before Congress. Dr. Sollmann anticipated that his Committee on Toxicology will probably present its recommendations to the AMA Council at its meeting, November 1st and 2nd.

F. Labeling

M. N. Newquist, M. D., reported that the Interdivisional Committee on Labeling has completed an API Labeling Bulletin which will include several recommended labels in addition to the general philosophy of labeling. This Bulletin will be available about the first of the year.

G. First Aid Training

T. M. Frank, M. D., reviewed the activity of the Central Committee on Accident Prevention and its proposed publication of an Administration Guide to help instruct the instructors of first aid training. He indicated that the API First Aid Training Guide was now translated into the Arabic language. There were 1601 qualified first aid instructors from 73 companies.

IV. EXECUTIVE SESSION

A. 1958-1959 Budget

Chairman Curtis explained that the Operating Subcommittee had considered the 1958-1959 Medical Advisory Committee Budget and had recommended it to the Medical and Health Committee in order that it could be presented to the Board of Directors during their November meeting. The following Budget was presented by the Medical and Health Committee and subsequently approved by the Executive Committee and the Budget and Review Committee:

University of Cincinnati	\$35,240.00
University of Texas	20,000.00
Prof. Drinker (retainer)	3,000.00
Miscellaneous	1,760.00
Total	<u>\$60,000.00</u>

API 07309

B. Organization and Procedures

There was nothing to be reported under this item.

C. Time and Place of Twenty-Fifth Meeting

The Industrial Medical Association is planning their meeting for April 22nd through 24th in Atlantic City.

ACTION: It was regularly moved, seconded, and unanimously passed that the Medical Advisory Committee hold their meeting Monday afternoon, April 21st, in the Chalfonte-Haddon Hall in Atlantic City, New Jersey.

V. NEW BUSINESS

A. By letter dated October 29, 1957, Dr. Philip Drinker transmitted to the members of the Medical Advisory Committee copies of the Harben Lectures which he delivered in England on May 13, 14, and 15, 1957.

ACTION: It was regularly moved, seconded, and unanimously passed that Dr. Philip Drinker be extended a vote of thanks for transmitting copies of his lectures to the Medical Advisory Committee.

B. George M. Saunders, M. D., complimented the chairman of the MAC for the very competent way he had discharged his duties as chairman for the past two years. All present voiced a similar sentiment.

C. The desirability of having a round table conference at the April 1958 meeting was discussed.

ACTION: It was regularly moved, seconded, and unanimously passed that the round table conference be eliminated at the April 1958 meeting of the Medical Advisory Committee.

D. The desirability of suggesting nominees to the Medical and Health Committee to receive a Certificate of Appreciation was discussed.

ACTION: It was regularly moved, seconded, and unanimously passed that a committee be appointed to consider nominees to be recommended to the Medical and Health Committee to receive a Certificate of Appreciation.

E. O. Mattocks

Approved:
L. E. Curtis, M. D., Chairman
11/27/57

Program Subcommittee of the Medical Advisory Committee

Minutes of the November 11, 1957, Meetings

At the morning meeting, Mr. David T. Staples, Chairman of the API Medical and Health Committee presided. Dr. L. E. Curtis made introductory remarks in regard to the activities of the Medical Advisory Committee and presented a watch to Mr. David Stroop (Dave to our group) in token of the great esteem held by the API MAC for Dave, who retires from the API.

The principal speakers for this meeting were as follows:

Jack R. Ewalt, M.D., Clinical Professor of Psychiatry,
Harvard Medical School, Cambridge, Massachusetts.
"Emotional Problems in Industry".

Louis N. Katz, M.D., Michael Reese Hospital, Chicago, Illinois.
"Your Heart -- Your Job".

These men were excellent and it is too bad we did not have a larger group to hear them. Either one would be competent to speak before any API general meeting. Some thought might be given to having such men at a general meeting of the API where more members would be able to hear their speeches.

In the afternoon, the Round Table Discussional meeting was held.
The subjects were:

Poisoning from Petroleum Distillates.
Dr. J. W. Osborne

Noise Control Techniques in Refineries.
Mr. Franklin W. Church

Current Hygienic Limits and Concentrations for Petroleum
Products.
Dr. C. H. Hine

There were 34 members in attendance for this meeting, which included both doctors and hygienists. The Committee wishes to thank those who participated in this program and especially the discussional leaders.