

AD HOC ADVISORY GROUP MEETING ON LEAD

Room 5051, HEW North Bldg.  
300 Independence Ave., S.W.

December 13, 1965

Morning Session  
9:00 a.m.

Greetings and Announcements - Mr. Vernon G. MacKenzie, Public Health Service

Chairman - Dr. Robert J. M. Horton, Public Health Service

Co-Chairman - Dr. Roy O. McCaldin, Public Health Service

Subject: Major Sources of Lead Pollution: Summary report prepared by  
Public Health Service

Air - Dr. Roy O. McCaldin, Public Health Service

Food - Mr. Keith H. Lewis, Public Health Service

Water - Mr. Morris B. Ettinger, Public Health Service

Industrial - Dr. H. E. Stokinger, Public Health Service

Discussion

Afternoon Session  
1:30 p.m.

Chairman - Dr. J. H. Sterner, Eastman Kodak Company

Co-Chairman - Dr. Harry Heimann, Harvard University

Subject: Risk of Exposure and Absorption of Lead

1. Under what circumstances is inhalation of lead dangerous?

Dr. J. E. Tomashefski, Ohio State University

2. Under what circumstances is ingestion of lead dangerous?

Dr. Robert A. Kehoe, Kettering Institute

3. Under what circumstances is direct contact with lead dangerous?

Dr. Lloyd Tepper, Kettering Institute

Discussion

December 14, 1965

Morning Session

Chairman - Dr. Norton Nelson, New York University Medical Center

Co-Chairman - Capt. Jacob Siegel, USN

Subject: Toxicology of Lead

1. How sensitive and how appropriate are our current standards of "normal" and "safe" body content of lead?

Dr. Ralph Smith, Wayne State University

2. What is the status of our knowledge on the toxicological effect of lead on special groups?

Dr. Harriett Hardy, Massachusetts Institute of Technology

3. Need to re-examine current concepts regarding the lead burden of the human body.

No speaker

Discussion

Afternoon Session

Chairman - Dr. John A. Zapp, Naskell Laboratories

Co-Chairman - Mr. John A. Maga, California State Department of Public Health

Subject: Control of Lead Pollution

1. Possibilities of removal of sources of lead contamination in the environment.

Dr. Melvin W. First, Harvard University

2. Evaluation of use vs. non-use of tetra-ethyl lead in gasoline

Speakers to be announced:

C. G. Gerhold, Universal Oil Products  
M. J. Sterba, Universal Oil Products  
R. K. Scales, Ethyl Corporation  
W. W. Sabin, Ethyl Corporation  
S. M. Pier, Houston Chemical Company

Discussion

KE 01878

December 15, 1965

Morning (Final) Session

Chairman - Mr. V. G. MacKenzie, Public Health Service

Co-Chairman - Dr. Arie J. Haagen-Smit, California Institute of Technology

Subject: Recommendations

1. Summary Report of the Proceedings
2. Special Report on Research Problems
3. Special Report on Control Problems

KE 01879

MEMO TO REPORTERS:

For Your Information:

The results of all of Dr. Kehoe's studies, summarized, are:

1. The lead compounds discharged from the exhausts of automobiles have not created a hazard to the health of the public.
2. The concentrations of lead (from all sources) found generally in the air of American cities are low.
3. The amounts of lead to which the general population are exposed - from all sources, including foods and beverages - are below hazardous limits.
4. During the past twenty-odd years, there has been little change, on the part of the "average," adult American, either in his intake and output of lead, or in the amounts of lead retained in his body. Such slight change as has been observed has moved in the direction of a decrease in both intake and output, but it is not certain that this apparent trend is real in the sense of being a representation of a general situation.

KE 01800