

Mr. O'Hara

INTERNATIONAL LEAD ZINC RESEARCH ORGANIZATION, INC.

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SPECIAL MEETING WITH PROJECT LH-119 CONTRACTOR
at
ISOTOPES, INC., WESTWOOD, NEW JERSEY

JANUARY 24, 1967

Present

Dr. D.F. Schutz
Dr. E.H. Willis
Dr. W.U. Ault
Dr. R.O. Senechal
Mr. J. Buckley
Dr. G.J. Stoppe
Dr. M. Zeek
Dr. J. Keller
Mr. H.E. Hesselberg
Dr. A. Hawkes
Mr. J.O. Sevrick
Mr. L. Levin
Mr. D.O. Fowler
Mr. J.C. Roumas

Representing

Isotopes, Inc.
Isotopes, Inc.
Isotopes, Inc.
Isotopes, Inc.
Isotopes, Inc.
E.I. du Pont de Nemours & Company
The Broken Hill Associated Smelters, Pty., Ltd.
American Petroleum Institute
Ethyl Corporation
Ethyl Corporation
St. Joseph Lead Company
Mobil Oil Corporation
International Lead Zinc Research Organization
Lead Industries Association

This special meeting was held for the purpose of 1) reviewing Phase I of Project LH-119 "The Use of Lead Isotopic Composition as an Environmental Tracer" with the contractor, Isotopes, Inc., and 2) determining whether or not we should now continue with Phase II of this study. The American Petroleum Institute, which is co-sponsoring this project, was invited to participate in this meeting.

The main purpose of the Project is to demonstrate that lead isotopic ratios can be used to characterize the various primary sources and reservoirs of lead in man's environment and thereby make available a useful tool to obtain information on the origin of particular environmental leads. The proposed study was scheduled to be carried out in three phases. Phase I, which has now been completed, was concerned with the development and evaluation of analytical techniques. This involved the construction of a lead-free laboratory, production and testing of lead-free reagents, preparation of standards and establishing the limits of detection of the methods used.

(2)

Phase II of the study calls for establishing the feasibility of using isotopic composition to characterize the lead in primary sources, environmental media, and in man. Phase III will extend the techniques and principles established in previous phases to several different geographical locations in order to prove the generability of their application.

The staff members of Isotopes, Inc. presented a comprehensive report on their progress on Phase I which has been in accordance with the schedule outlined in the original proposal. It was noted that Phase II has been actively anticipated by initiating a library of samples from pertinent locations so that the Project continuity will be maintained. The program for Phase II of the project was also defined by the contractor. Copies of the progress report to date on this project will be forwarded in the near future to all members of the Committee.

A tour of the Project facilities was made by all those present, and it was noted that the lead-free laboratory has been completed and is functioning according to schedule.

Following the meeting with the contractor, a private business meeting was held by the Committee members present to discuss whether we should continue with this project. After discussion, it was the consensus of the group that we should continue.

A ballot will be circulated to the full Committee for a vote on whether this Project should be continued. Your staff strongly recommends that we go on.

J C Roumas
James C. Roumas