

INTERNATIONAL LEAD ZINC RESEARCH ORGANIZATION, INC.

888 MADISON AVENUE, NEW YORK, N Y 10017
TELEPHONE 878 6060 (AREA CODE 212)
CABLE ADDRESS: NYNORO NEW YORK

To: All Members of the Lead Environmental Health Committee

Re: Special Meeting of the Lead Environmental Health Committee

Date: Thursday, July 6, 1967

Time: 10:00 a.m.

Place: ILZPO Conference Room - 19th floor
292 Madison Avenue
New York, New York

Purpose: To discuss Projects LH-115 and LH-109

1) Project LM-115

To discuss, prior to the July 18 meeting of the Lead Liaison Committee, the proposed Three Cities Type Survey and our participation in the survey with the U.S. Public Health Service and the American Petroleum Institute. See my communication to you dated June 20, 1957. Also attached for your information is a copy of a letter from Dr. Horton of the USPHS to Dr. Radford of Kettering Laboratory inviting him to submit a preliminary proposal for presentation at the July 18 meeting. The material referred to by Dr. Horton has already been sent to you.

2) Project 1A-102

To discuss whether this work, which is being conducted at the University of California, Riverside, should be extended for another year. It is expected that the proposal will be received from the contractor in time for the meeting.

Please return the attached sheet indicating whether or not you will be able to attend the meeting.

JCR:sw
attach.

5008 Federal Office Bldg., Cincinnati, Ohio 45202

HERP
June 20, 1967

Edward P. Radford, M.D.
Professor and Director
College of Medicine
Kettering Laboratory
Eden Avenue
Cincinnati, Ohio 45219

Dear Dr. Radford:

During the last two years there has been an increase in interest in lead toxicity and in the significance of atmospheric lead levels. This resulted in a symposium on the subject held by the Public Health Service, followed by considerable testimony on this subject presented at the hearings of a Senate committee chaired by Senator Muskie. Because of this interest the Public Health Service has formed a lead liaison committee to consider the needs for further research, and to keep the organizations concerned informed as to current investigations in order to minimize duplication and gaps. The members of the committee are drawn from several interested PHH agencies, and from a number of industrial associations which are concerned with the production and use of lead.

In the process of reviewing research needs it was felt more should be known regarding the relationship between ambient air lead levels and the body burden of lead in man. Existing data, particularly those from the three city study which was done a few years ago, indicate a rough relationship of increasing blood and urine lead levels in groups who have exposures to increasing air lead levels. The relationship is not precise or reliable, but requires further investigation. This would suggest that as air lead increases in the community the lead burden of the exposed population increases. If this is true it should be documented, and quantitative relationships should be determined, if possible.

A subcommittee was formed to consider the means of determining the answers to these questions by means of prospective surveillance. Several possible mechanisms of doing this were explored. Most were unsatisfactory. Eventually it was determined that a modified version of the three city study would be the most satisfactory method of dealing with this problem. The subcommittee feels strongly that the whole study should be carried out by one institution which is experienced in lead research in both aerometric and biomedical aspects.

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I have been asked by the subcommittee to inquire whether or not the Kettering Laboratory would be willing to undertake this work. If so, could you prepare a preliminary proposal for presentation and consideration at the next meeting of the Lead Liaison Committee. It is hoped that this meeting can be held in Washington on 18 July. Funds for this study have been budgeted by several of the organizations on the Committee.

I am enclosing the minutes of the two meetings of the subcommittee which decided upon this study. These contain a number of decisions on design. Your staff's suggestions on the protocol would also be of interest. The information referred to in item 9 of the first minutes is not yet completed and will be furnished later.

Sincerely yours,

Robert J. M. Norton
Acting Chief
Health Effects Research Program

Enclosures

cc: Subcommittee Members
Dr. W. Riggan

RJM:mb

Date _____

Re: Special Meeting of the Lead Environmental Health Committee

To: James C. Roumas
Lead Industries Association, Inc.
292 Madison Avenue
New York, New York 10017

I will attend the meeting on July 6, 1967

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I will not attend the meeting

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(Signature) _____