LEAD INDUSTRIES ASSOCIATION
292 MADISON AVENUE
NEW YORK 17, N. Y.

October 5, 1961

QUARTERLY REPORT OF THE SECRETARY

JULY 1 TO SEPTEMBER 30, 1961

The following report covers the highlights of Association activities for the third quarter of 1961. More detailed information on these activities or others not enumerated will be supplied on request. No attempt has been made to cover routine activities, and research is covered in a separate report of the research director.

GENERAL

1. Information Bulletins. Two of these bulletins were circulated to members during this quarter.

2. American Mining Congress. The annual meeting of the Western Division of A.M.C. was attended at Seattle.

3. New Member. Metals Disintegrating Co. of Elizabeth, N. J., large manufacturer of metal powders, including lead and solder, joined L.I.A. as a regular member.

4. Leaded Steels. At the request of the Lead Development Association of London a report was prepared for them on the status of leaded steels in the U. S. to be presented to the international meeting of lead association secretaries held in Rome in September.

HEALTH AND SAFETY

5. Director. Arrangements were completed for Don Fowler to assume the position of L.I.A. Health and Safety Director on October 2 to succeed the late Manfred Bowditch. Mr. Fowler comes to L.I.A. from Chrysler Corp. where he had headed the Industrial Hygiene Dept. Prior to that he had been with the Michigan State Health Department.

6. Pottery Glazes. The report of Dr. Robert A. Kehoe's investigation of the extraction of lead from pottery glazes, mentioned in the Quarterly Report dated April 3, 1961, was received and a meeting held in Pittsburgh with representatives of the U. S. Potters Association to discuss the results. Since further work on certain glazes appeared necessary, it was defined and Dr. Kehoe was requested to submit a new proposal to cover it. This proposal was received and consideration of it is pending.

INDUSTRY DEVELOPMENT--GENERAL

7. "Lead." The second 1961 issue of this publication was mailed to our list of about 50,000 potential lead users in July and the third was prepared and distributed in September.

8. Industrial Building Show. L.I.A. had a 16-ft. exhibit booth at this show for the second year, featuring lead products used in industrial construction such as noise and vibration control devices, ceramics, flashing, paints and the like. Despite disappointing attendance at the show as a whole, L.I.A.'s exhibit attracted good attention and a large number of valuable inquiries from important industrial concerns were received.

9. Advertising. Two one-page ads in our "Newsletter" series appeared during the quarter in "Materials in Design Engineering" and one in "Product Engineering". They dealt with lead's uses as piezoelectric and thermoelectric materials.

10. Publicity. Articles emanating from L.I.A. appeared during the quarter in a variety of publications. Some were the "New York Times" (leaded stained glass windows for non-religious buildings), "Product Engineering" (lead sound barriers, lead-enameled steel), "Industrial Finishing" (lead-enameled steel), "Precision Metal Molding" (lead-enameled steel, lead-enameled aluminum), "Steel" (electric automobile), "American Metal Market" (several), "Ceramic Industry" (lead zirconate-titanate).

11. General Motors. Two visits to the General Motors Technical Center have apparently aroused considerable interest in certain lead products, particularly for noise and vibration control and pearlescent paints. A subsequent telephone call from the Technical Center asked for a rush order of leaded plastics for testing, which was filled by air express.

12. Sweet's Catalogs. New catalogs on lead for roofing and flashing, plumbing, and noise and vibration control were prepared to appear in Sweet's 1962 file. They will appear in the architectural, industrial construction and light construction. Our 12-page design catalog covering the properties and applications of lead which appeared in the 1961 Sweet's file will be repeated in 1962.

13. Committee Meeting. The Executive Committee of the Industry Development Committee met for preliminary discussions of a motion picture on lead and promotional plans for 1962. Another meeting is scheduled for early October.

14. Retirement. After 23 years of service as plumbing advisor to L.I.A., Homer S. Yetman retired and moved to Tulsa, Okla., where he resided prior to his connection with L.I.A.

INDUSTRY DEVELOPMENT--PIGMENTS

15. Technical Letter. The comprehensive "Pigments Technical Letter," summarizing all previous "Letters," was put in page proof form and will be printed within a few weeks.

INDUSTRY DEVELOPMENT--CERAMICS

16. Meeting. The Fall meeting of the White Wares Division of the American Ceramic Society was attended.

17. Advertising. One one-page ad on porcelain enameled aluminum appeared in each of the following publications: "Ceramic Age," "Ceramic Industry," "Bulletin of the American Ceramic Society" and "Metal Products Manufacturing." In addition a one-page ad on glazes appeared in "Ceramic Age."

INDUSTRY DEVELOPMENT--METAL PRODUCTS

18. Advertising. Three one-page ads on lead-asbestos anti-vibration pads under the Pan-Am Building appeared in "Engineering News-Records" and one in "Progressive Architecture" during the quarter. One one-page ad on similar pads under a roof-top cooling tower also appeared in "Machine Design."

19. Apprentice and Teacher Training. L.I.A.'s David M. Borcina and Homer S. Yetman participated in the annual plumber's apprentice contest and teacher training program sponsored by the international plumbers union at Purdue University, the former as judge of lead work and the latter as instructor of teachers in their refresher course. L.I.A. awarded prizes to the three best lead workers among the apprentices.

20. Gutters. Detailed drawings and specifications were prepared for approximately four tons of hard lead gutter linings for Fisher and Davis, architects, for use on a new hospital in Denver.

21. Roof. Consultations were held with maintenance engineers of the Massachusetts Institute of Technology regarding reroofing the M.I.T. auditorium with some 30 to 60 tons of sheet lead, the quantity depending on the method finally selected.

22. Fall Out Shelters. Several manufacturers of fall out shelters were visited and all manufacturers whose designs have been approved by A.E.C. were contacted in efforts to find an economical and practical way of incorporating lead. Unfortunately, these efforts have met with little success so far.

23. Lead Roofs at Saratoga. A staff member inspected the hard lead roofs installed at Saratoga Spa, N. Y. twenty-five years ago and described in "Lead" at that time. They were found to be in perfect condition and to have required no maintenance. This will be used for advertising and publicity.

24. New Church Roof. L.I.A. is working with Ketchum and Sharp, architects, who are specifying a 3-lb. hard lead for a new church. The roof's area will be about 7,000 sq. ft.

25. Vent Pipe Flashings. A paper on lead vent pipe and roof drain flashings was presented before the annual meeting of the American Society of Sanitary Engineering.

INDUSTRY DEVELOPMENT--NOISE AND VIBRATION

26. Leaded Vinyls. Visits were made to the Curtition Corp. and Elley Rubber Co., both in the Los Angeles area. The former is making a folding room divider which incorporates two leaded vinyl membranes for sound-proofing. Several commercial installations have been made and a good reception among architects was reported. Promises of cooperation in providing advertising material and test data were received. The latter is making leaded vinyl being used as a room divider in an Akron, Ohio school and also to reduce vibration in tail assemblies of Douglas aircraft. Contact with a third company, Torjesen, Inc., of Brooklyn, N. Y., reveals another leaded vinyl room divider which rolls up into the ceiling.

27. Soundproofing at Franklin Institute. A number of the research staff of Franklin Institute contacted L.I.A. for further information about lead soundproofing after reading our brochure, "Improved Sound Barriers Using Lead." An L.I.A. staff member then visited the Institute and made recommendations for a soundproof room which is now being built. Though not yet completed, the audible difference inside and outside the room is already apparent. On completion test data will be available and the project is expected to be publicized.

Secretary

RLZ:mk