

Lead Industries Association, Inc.

292 Madison Avenue

New York, N. Y. 10017

Telephone: (212) 679-6020

RECEIVED

JUL 1 1971

ANNUAL MEETING OF THE MEMBERS OF THE

LEAD INDUSTRIES ASSOCIATION, INC.

W. C. JUNGE
Drake Hotel
Chicago, Illinois

April 5-6, 1971

The annual meeting of members of the Lead Industries Association, Inc. was held on Monday and Tuesday, April 5-6, 1971 at the Drake Hotel, Chicago, Illinois. Those in attendance are listed in Appendix "A."

(1) Business Session

The business session held on Monday afternoon, April 5, 1971 was conducted by President J. G. McCullough with David M. Borcina as secretary.

- a. The Secretary reported a quorum was present.
- b. The Secretary presented a copy of the notice of meeting and agenda which had been mailed to each member, as provided in Section 2.04 of the Corporation's By-Laws. The copy was ordered filed with the minutes as Exhibit "A." (Sent to members on March 16, 1971)
- c. The Secretary reported that the minutes of the previous meeting of April 9-10, 1970, held in St. Louis, Mo. had been circulated and that no comments were received. A motion to approve the minutes as circulated was made, seconded and unanimously approved.

(2) Treasurer's Report

The Treasurer reviewed the financial operations of the Association for the year 1970 and presented for the members' approval a copy of the audit of the accounts as of December 31, 1970, prepared by Peat, Marwick, Mitchell & Co. as per Exhibit "B" attached. (A copy of the audit is being sent only to the official representative of each member company)

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J. Gordon McCullough - President and
Chairman of the Board
R. A. Gardiner, Jr. - Vice President
S. D. Strauss - Vice President
F. G. Woodruff - Vice President
J. L. Kimberley - Executive Vice President
D. M. Borcina - Secretary and Treasurer
Mrs. D. L. Moore - Assistant Treasurer

(6) Report of Executive Vice President and Staff

The Executive Vice President reported at the Monday morning session, April 5, 1971 on "Lead in the Environment-Report on Activities" attached as Appendix "B." (Copies of the report were sent to those requesting it at the meeting and additional copies are available upon request)

The Secretary then presented a summary report of the staff's activities during the past year as per Appendix "C" attached.

(7) Addresses at Meeting

In addition to the business meeting the following papers were presented at the annual meeting:

<u>Title</u>	<u>Author</u>
* Lead Research.....	A. R. Cook Manager, Electrochemical Research International Lead Zinc Research Organization, Inc.
* The Outlook for Lead- Acid Batteries.....	James V. Tierney Vice President-Manufacturing Globe-Union, Inc.
* Lead in the Environment- Report on Activities.....	J. L. Kimberley Executive Vice President Lead Industries Association, Inc.
* Battery Powered Electric Road Vehicles-Advantages and Limitations.....	H. J. Young Vice President & Secretary Edison Electric Institute

PNYC00000125

(3) Report of the Nominating Committee for
Directors

The Nominating Committee for Directors composed of R. A. Flake, Chairman, O. Fremd and Robert Beil recommended to the membership the election of the following slate of 19 members and placed their names in nomination:

Members

Frank P. Barton
Cecil E. Bassett
Thomas E. Carey
John R. Englehorn,
H. T. Fargey
J. George Gange, Jr.
Paul C. Henshaw
Robert A. Kenkel
J. G. McCullough
C. F. McGraw
Frank Osborn
L. J. Randall
John F. Rittenhouse
T. M. Smylie
Simon D. Strauss
W. Allen Taft, Jr.
William J. Veenis
Henry J. Whitson
F. G. Woodruff

Representing

The G. A. Avril Co.
Lead Products Div.
Dixie Industries, Inc.
Cerro Sales Corp.
St. Joe Minerals Corp.
Cominco, Ltd.
U. S. Smelting Refining & Mining Co.
Homestake Mining Co.
Federated Metals Div., American
Smelting & Refining Co.
Amax Lead & Zinc Div.,
American Metal Climax, Inc.
The Eagle-Picher Industries, Inc.
Broken Hill Associated Smelters
Proprietary Ltd.
Hecia Mining Co.
C & D Batteries, Division of
Eltra Corp.
The Ethyl Corp.
American Smelting & Refining Co.
E. I. du Pont de Nemours & Co.
Anaconda Sales Co.
National Lead Co.
The Bunker Hill Co.

(4) Election of Directors

There being no further nominations, it was moved, seconded and unanimously voted that nominations be closed and that the Secretary be instructed to cast one ballot for the slate presented by the Nominating Committee.

(5) Announcement of Election of Officers

It was announced at the opening of the Tuesday morning session, April 6, 1971, that the Board of Directors at its meeting the day before reelected the following officers to serve until the next annual meeting:

PNYC00000126

- * The Economic Impact of
Proposed Anti-Pollution
Goals on the Copper
Smelting Industry..... David Swan
Chairman, Environmental Matters
Committee American Mining
Congress
- * ZALIS - YEAR II..... R. L. Stubbs
Director-General Lead
& Zinc Development Assns.

* Copies of paper available upon request.

** Paper not yet available. When available, notice to this effect will be sent to members.

(8) Future Meeting Dates

The Secretary reported that with the approval of the Board of Directors arrangements are being made to hold future annual meetings on the following dates and places:

1972 - April 5-7	Queen Elizabeth Hotel Montreal, Canada
1973 - April 4-6	Sheraton Cadillac Hotel Detroit, Michigan
1974 - April 3-5	Drake Hotel Chicago, Ill.
1975 - April 1-3	Royal York Hotel Toronto, Canada

(9) Adjournment

In the absence of other matters to come before the meeting, it thereupon duly adjourned.

Respectfully submitted,

David M. Borcina
David M. Borcina
Secretary, Treasurer

DMB:so

Att: Appendix "A."
Exhibit "B"
Appendix "B."
Appendix "C."

PNYC00000127

- * New Ideas for Terne
Metal Applications..... Thomas J. Clark
President
Basic Steel Corp.
- * Jetcord-An Explosive Filled
Lead Extrusion for Perform-
ing Precise Controlled
Tasks..... G. B. Huber
Vice President
Explosive Technology
- * Lead Acoustical Barriers in
Machinery Noise Control..... Harold R. Mull
Harold R. Mull, Bell and
Associates
- * Transparent Lead Lanthanum
Zirconate Titanate (PLZT)
Ceramics for Electro-Optic
Applications..... G. H. Haertling
Sandia Laboratories
- * Markets for Small Lead
Batteries with Gelled
Electrolyte..... Howard P. Barry, Jr.
Director of Marketing,
Nical Div. Gould, Inc.
- * Long-Term Trends in Life
Expectancy and Principal
Causes of Death..... Geoffrey N. Calvert
Director-Personnel
Coverages Alexander
and Alexander, Inc.
- ** Environmental Lead and
Public Health..... Dr. Vaun Newill
Director, Div. of Health
Effects Research U.S. Environ-
mental Protection Agency

PNYC00000128

April 5-6, 1971

ANNUAL MEETING OF THE MEMBERS OF THE
LEAD INDUSTRIES ASSOCIATION, INC.

Members Present

Donald J. MacKenzie
Max Adler
William Mason
E. V. Frawley
John F. Heraut
J. G. McCullough
Robert J. O'Hara
J. F. Whalen
M. Norman Anderson

E. R. Bergin
J. C. Buck
Lary G. Cahill
Barry Davis
R. L. Henneback
H. E. Howe
R. M. McGeorge
H. L. Montague
R. D. Mushlitz
William P. Roe
Simon D. Strauss
E. A. Custer
H. L. Young
Charles F. DeArmond
Bernard L. Meredith
D. J. Rowland
G. P. Sorell
William J. Veenis
J. W. Hurley
Enrique A. Serna, Jr.
Frank P. Barton
Frank Osborn
Sidney E. Sweet

Dennis Taylor
William C. Zeek
G. A. Larson
Frank G. Woodruff
John F. Rittenhouse

I. L. Barker
David A. Bancel
Rigo Cardenas
Ivor Thompson
A. Ash
A. W. Easton
E. H. Gautschi
Keith H. Spurr
J. R. Wellington

Representing

Allied Lead Construction Company
Allied Smelting Corporation

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Amax Lead & Zinc, Inc.

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Amax Homestake
Missouri Lead Operating Company
American Smelting & Refining Company

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American Zinc Sales Company

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The Anaconda Company

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" "
Asarco Mexicana

"
The G.A. Avril Company
The Broken Hill Association Smelters Pty. Ltd
The Broken Hill Association Smelters Pty. Ltd
(C. Tennant, Sons & Co., of N.Y.)

" "
The Bunker Hill Company

" "
C & D Batteries Division
Eltra Corporation
Cerro Corporation

" "
" "
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Cominco Ltd.

" "
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PNYC00000129

Members Present

Don J. Del Dotto
Benjamin F. McKinney
Robert N. Quenell
Howard Meyers
P. Dean Bangor
Donald H. Beilstein
Malcolm Bonyng
Francis Cameron
Salvatore Ciceolella
John R. Englehorn
Michael Harich
Charles D. Henderson
William F. Hoffmann
Richard Jordan
Carl C. Long
William F. McCullough
Philip E. Robinson
Joseph G. Seveck
J. W. Sherman
Verne W. Simkins
William Tunney
Roy Wheelock
E. R. Anderson
T. W. Anthony
E. J. Brennick

Len Cogen
V. E. Dorman
Ronald Gee
R. T. Torro
W. H. Vogelstein
J. George Gange, Jr.
Robert B. Smuda
John Garrison
R. M. Pulliam
Howard Novasel
Reuben Viener
Charles R. Willard

Representing

Quemetco, Inc.
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Revere Smelting & Refining Corporation
St. Joe Minerals Corporation
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Schuylkill Metals Corporation
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Tsumeb Corporation, Ltd.
(Ametalco, Inc)
"
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"
"
U. S. Smelting Refining & Mining Company
"
U. S. S. Lead Refinery
"
The Victory White Metal Company
Hyman Viener & Sons
Willard Lead Products Company

REPRESENTED BY PROXY

Henry F. Day
W. B. Loewenherz
L. L. Bott
Robert L. Oatey
R. G. Conklin

Day Mines, Inc.
K W Battery Company
Nalco Chemical Company
Oatey Company
Vucan Lead Products Company

LEAD INDUSTRIES ASSOCIATION, INC. STAFF

J. L. Kimberley
D. M. Borcina
J. F. Smith
T. D. Agne
C. A. Baker
E. D. Martin

Executive Vice President
Secretary-Treasurer
Manager, Advertising & Technical Service
Technical Services
Service Engineer
Manager Architectural Services

PNYC00000130

Members Present

D. V. Badgley
B. D. Gregory
Donald A. Hibbeler
C. E. Bassett
R. A. Flake
L. M. Hermes
Donald R. Diggs
Joseph R. Tilmont
Raymond J. Kenny
John R. Smyth
E. G. Lyons
C. E. Colvin
Thomas M. Smylie
W. G. Weakley
Charles H. Zeanah
Robert A. Kenkel

Harvey D. Ferer
Robert A. Gardiner, Jr.
Edward Parket
Robert P. Restrepo
B. E. Kavanagh
R. G. Mason
James V. Tierney, Jr.
David L. Douglas
Donald J. Priebe
John H. Allen
M. E. Elmore
Leon M. Rose
H. P. Barry
Peter Wilke IV
W. P. Wilke III
Philip Lindstrom
John A. Townsend
Paul C. Henshaw
Russell E. Wallace
O. Fremd
Art Morgan
E. R. Boller
Robert I. Beil
Byron Rothpletz
James H. Thrash
Jack Belay
W. L. Mann
D. C. McDonald
K. Pike
Robert A. Putney
Birke M. Luckenbill
Louis Cassara
Harold A. Krueger
Otto F. Bauer
E. J. L. Budd
Larry Bartlett
Leo L. Bledsoe

Representing

Delco-Remy Div., GMC
"
Division Lead Company
Dixie Industries, Inc.
Dresser Minerals
"
E. I. Dupont
E. I. du Pont de Nemours & Company, Inc.
ESB Incorporated
"
ESB Canada Limited
Ethyl Corporation
"
"
Federated Metals Division of
American Smelting & Refining Company
Aaron Ferer & Sons Company
Gardiner Metal Company
General Battery Corporation
"
Globe-Union Inc.
"
"
Gould Inc.
"
Gould Inc./Bers Metals Division
"
"
Gould Inc./Nicaid Division
Hammond Lead
"
Recla Mining Company
Homestake Lead Company
Homestake Mining Company
"
Houston Chemical Company
"
Industrial Smelting Company
MacGregor Lead Company
Murdock Lead Company
"
N L Industries, Inc.
"
"
"
Morris P. Kirk & Son, Inc.
Newmont Mining Corporation
Ozark Lead Company
Pennaroya Intsel Corporation
Pennaroya Intsel of Canada Ltd.
Quemetco, Inc.
"

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Robert A. Iezzi
Jerusalem Jacques
G. H. Haertling
Magnus Blomkvist
Count Yves Du Parc
André de Jaer
Jean L. Leenders
John W. Hall, Jr.
V. V. Bailini
Harry Meschke

Republic Steel Research Center
Royale Asturienne des Mines
Sandia Laboratories
Scandinavian Lead & Zinc Association
Ste Gle Dis Minerais, S.A.
Societe Generale des Minerais
"
Texas Gulf Sulphur Company
Tonolli Company of Canada Ltd.
Winkel Machine Company

GOVERNMENT REPRESENTATIVES

Peter S. Field
Jack G. George
J. W. Patterson
Vaun A. Newill
Lester G. Morrell
Albert D. McMahon
John R. Babey

Harry L. Moffett

Australian Embassy
Dept. of Energy, Mines & Resources Canadian Gov
Dept. of Ind. Trade & Commerce
Air Pollution Control Office
U.S. Bureau of Mines
"
Bureau of Domestic Commerce
U. S. Department of Commerce
Office of Minerals & Solid Fuels

PNYC00000132

INTERNATIONAL LEAD ZINC RESEARCH ORGANIZATION, INC.

S. F. Radtke
Jerome F. Cole
A. R. Cook
Donald R. Lynam

Executive Vice President & Director of Res.
Manager of Environmental Health
Manager Electrochemical Res.

GUESTS

Enrique C. Carreon
Geoffrey N. Calvert
James V. Stafford
P. S. I. Barry
Norm Lloyd
Nancy Iran Phillips
Thomas J. Clark
C. H. Allen
James F. Graham
Paul V. Higgins
Horacio Pantuliano
Lloyd Dunlap
Charles V. R. Edward
Jack MacLean
John C. Lemmon
Julio del Val Caturla
Theodore L. Diamond
Delight E. Breidegam
H. J. Young
Jim Plankenhorn
Peter King

John Payne
Paul Merritt
G. B. Huber
Robert W. Kreps
Jack Miske
Robert A. Rogers
Carl Thompson
Robert Wauace
John Leroy
Lindsay F. Johnson
David Rice
David Swan
R. Lewis Stubbs
Elmer A. Jones
Walther Casper
Hans E. F. Wich
David F. Cook
Robert H. Lesemann
Robert Peckham
Charles Kadlec
Patricia Walker
Kiyoshi Asanuma
Hiroshi Sakurai
Takenori Tomita
Toru Utsunomiya
Harold R. Mull
Richard A. Young

Acumulador Insuperable S A
Alexander & Alexander, Inc.
American Metal Market
The Associated Ocel Co., Ltd.
Automotive News
"
Basic Steel Corporation
Battery Council International
Blh. & F., Inc.
Bishopric/Lieberman
Centro Arg. De Info. del Plomo y Del Zinc
Chemical & Engineering News
Clean Air & Water News
Cominco American Incorporated
Commerce Clearing House, Inc.
Compania Minero Metalurgica
T. L. Diamond & Company, Inc.
East Penn Mfg. Co., Inc.
Edison Electric Institute
Electrified Industry
The Electrolytic Zinc Co. of Australasia, Ltd
(C. Tennant, Sons & Co., of N.Y.)
"

Engineering & Mining Journal
Explosives Technology Inc.
Farmland Industries
Foundry Magazine
Hill and Knowleton, Inc.
"

State of Illinois
Indussa Corporation
New Jersey Zinc Company
Inland/Lake Calumet
Kennecott Copper Corp.
Lead & Zinc Development Association
Lead & Zinc Producers Cmte.
Metallgesellschaft AG
"

Metals Week
"

"
Metalworking News
"

Mitsubishi International Corporation
Mitsubishi Metal Mining
Mitsui Mining & Smelting
"

Harold R. Mull, Bell & Associates
Pollution Engineering

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