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THE REFRACTORIES INSTITUTE



THE REFRACTORIES INSTITUTE

Reports to the Membership

TWENTY- NINTH ANNUAL SPRING MEETING

La COSTA RESORT HOTEL AND SPA
CARLSBAD, CALIFORNIA
JUNE 21 and 22, 1979

BOARD OF DIRECTORS
THE REFRACTORIES INSTITUTE

1979 - 1980

R. G. Ackerman	Corhart Refractories Co.
C. N. Bowler, Jr.	Interpace Corporation
A. M. Caito	Basic Incorporated
Eric Charlton	Dolomite Brick Corporation of America
H. P. Day	Valley Mineral Products Corp.
D. R. DeVeaux	Harbison-Walker Refractories
Wm. A. France, Jr.	J. H. France Refractories Co.
R. T. Hegeman	C-E Refractories
H. E. Konrad	Johns-Manville Sales Corp.
F. H. Laube	Freeport Brick Co.
R. V. Lawrence	General Refractories Co.
R. E. McIntosh	A. P. Green Refractories Co.
R. B. McNamara	Norton Company
H. M. Nelson, Jr.	Kaiser Refractories
W. F. Porter	Globe Refractories, Inc.
W. W. Raleigh	Didier Taylor Refractories Corp.
P. H. Reed	New Castle Refractories Co.
R. H. Rook	Martin Marietta Chemicals
R. W. Schaefer	Plibrico Co.
R. C. South	Lava Crucible-Refractories Co.
R. P. Stuntz	Babcock & Wilcox Co.
W. T. Tredennick	Resco Products, Inc.
E. A. Williams, Jr.	North American Refractories Co.
Bonum S. Wilson, Jr.	The Carborundum Company
*W. G. Young	Chicago Fire Brick Co.

* (Resigned - H. R. Pedersen elected to fill out unexpired term.)

COUNSEL

R. T. Clark - Stevens, Clark, Laubach & Semple, Pittsburgh, Pa.

OFFICERS

R. W. Schaefer	Chairman of the Board
D. R. DeVeaux	Vice Chairman of the Board
W. F. Porter	Treasurer
Paul A. Crouch	President
Bradford S. Tucker	Executive Vice President

Mrs. Betty Lersch
Mrs. Florence Story

Office Manager
Secretary

Minutes
of
Twenty-Ninth Annual Spring Membership Meeting
of
The Refractories Institute
La Costa Resort Hotel and Spa
Carlsbad, California
June 21-22, 1979

Chairman Caito called the meeting to order promptly at 9:00 A.M. on June 21, 1979 and requested that all those present sign registration slips. Those attending the meeting were welcomed, and the attendance list is attached to these minutes. Chairman Caito called the members' attention to the distribution of committee reports which had been distributed to them, along with the programs of the meeting.

MEMBERS AND GUESTS RECOGNIZED

Chairman Caito introduced Mr. Paul A. Crouch, the new President of The Institute, and he was enthusiastically welcomed by the membership. Others seated at the head table were introduced and included Mr. William Porter, Treasurer; Tom Clark, TRI Counsel; Mr. Robert Schaefer, Vice Chairman; and Executive Secretary, Bradford Tucker. Representatives of member companies who were attending a Spring Meeting for the first time were introduced, and they included Mr. Harry Durney of Interpace Corporation; George Balas of Alcan Smelters and Chemicals; Harold Evans of Alcoa; Jack Anderson, General Refractories Company; Rudy Ceres and Jim Kranenburg of the Bauxite Industry Development Company. Also attending were Mr. Leo Slack of C-E Minerals; Joel Williams of Cummings-Moore Graphite; Phil Cozad of PQ Corporation; and Mr. Sam Tricase of Pullman-Swindell. These representatives of our member companies were also given a warm welcome.

TREASURER'S REPORT

Mr. William Porter, Treasurer of The Institute, presented his report, first calling attention to the auditor's balance sheet and listing of income and expenses which were included in the written reports given to the membership and are attached to these minutes. He remarked a complete auditor's report was available for the members' inspection at The Institute office. Mr. Porter stated The Institute has \$307,000.00 in Certificate of Deposit investments which are drawing interest ranging from 8 to 11%. The fund balance as of March 31, 1979 is \$335,422.00. The Institute operated with a surplus of \$60,000.00 for the past fiscal year.

NEW MEMBERS

Chairman Caito announced that the Board of Directors had accepted for membership as an Active Member Company the applications of Pyro Engineering Company, Alhambra, California (Mr. T. G. Sawyer, President) and that of Industrial Ceramic Products, Inc., Columbus, Ohio (Mr. R. B. Oberst, President).

BOARD OF DIRECTORS ELECTION

Chairman Caito announced that all Active Members returned their ballots regarding the election of the Board of Directors for the present year and that the election was held according to the By-Laws. A list of the Directors is included with these minutes. He remarked that Mr. R. E. McIntosh of A. P. Green Refractories Company was elected to the Board as Mr. Harry Stover's responsibility with U. S. Gypsum now encompasses several additional areas.

Chairman Caito announced the resignation of Mr. George Young from the Board because Mr. Young had advised the Board it was difficult for him to travel long distances to the meetings, and he regretted he was unable to remain an active contributor to the Board. As permitted by the By-Laws, the Board of Directors elected Mr. Harvey Pedersen to fill George Young's unexpired term as a member of the Board of Directors. Mr. Pedersen was introduced, and the membership welcomed him.

ELECTION - TRI OFFICERS AND EXECUTIVE COMMITTEE

Chairman Caito reminded the membership that the Board of Directors elects officers of The Institute and the Executive Committee annually. He then announced the new officers: Mr. Robert W. Schaefer, Chairman; Mr. Donald R. DeVeaux, Vice Chairman; and Mr. William F. Porter, Treasurer.

The Executive Committee for the coming year was then announced as being elected by the Board. Its designated members consists of the past Chairman, Mr. A. M. Caito; the present Chairman, Mr. Robert W. Schaefer; Mr. Donald R. DeVeaux, new Vice Chairman; and Treasurer, Mr. William F. Porter. The remaining five (5) members of the nine (9) member Executive Committee are: Eric Charlton, Ralph Lawrence, R. E. McIntosh, Howard Nelson, and Avery Williams.

Chairman Caito thanked all the members of the Board and the Executive Committee for their help during his term of office, and Mr. Robert W. Schaefer arose and as is the tradition, requested Mr. Caito to conduct these meetings being held at La Costa.

TRI NEW DIMENSIONS AND DIRECTIONS

Chairman Caito remarked to the members that our refractories industry must daily face new continuing situations which are common to all members of The Institute. "Meeting these situations", he said, "caused a great extent by government regulations, local, state, and federal, required constant vigilance on the part of an association such as ours."

He said that to meet these challenges more effectively, an Ad Hoc Committee of the Executive Committee had been set up to consider the restructuring of The Institute's staff and committee organization. He announced that their recommendations were submitted to and discussed by the Board of Directors, and the final outcome has been the full approval of the Board. He stated Mr. Paul Crouch will have the day to day responsibility of carrying out this restructuring and the increased activity of The Institute in the interest of the membership.

TRI NEW DIMENSIONS AND DIRECTIONS (cont'd.)

Chairman Caito then discussed with the membership, charts showing the restructuring which are included with these minutes. These charts indicate the acquisition of two (2) Vice Presidents; one to be primarily in charge of Government Relations which involve the committees primarily dealing with such matters; the other, a Vice President in charge of Internal Affairs which are developed by the committees in this area. Chairman Caito also announced the position of Executive Vice President to be held by Bradford S. Tucker until his retirement, which Mr. Tucker has requested to be next August 1, 1980. Chairman Caito then called attention to the committee structure and the current listing of the committee members. This committee membership will be reviewed by the incoming Chairman, R. W. Schaefer, and changes, if any, will be announced at a later date.

Chairman Caito then called upon President Paul A. Crouch to give the membership his thoughts on the new directions of The Institute. Mr. Crouch prefaced his remarks by thanking the Board of Directors, officers, and membership, for his appointment as President of The Institute, stating he was most pleased to serve the association and anticipated it with a great deal of pleasure.

Mr. Crouch's challenging remarks are recorded in the attached pamphlet. Chairman Caito thanked Paul Crouch for his remarks, and he commented that he and the membership were delighted to have him with The Institute.

COUNSEL REPORT

Mr. R. T. Clark, Counsel for The Refractories Institute, stated that he or his associate, Henry W. Fulton, (better known to all of us as "Pete") attended all meetings held by The Institute. He reported that The Institute was late in getting the OSHA Grant because of the resignation of the former President, but he remarked we are now in the process, with the assistance of Arthur D. Little, Inc., to complete the project, and the work was continuing on schedule.

Mr. Clark remarked that most of the legal activities have centered around the Safety and Health Committee, the Toxic Substances Committee, and areas in these fields. He stated there was a question whether the industry could use the Racal Airstream Helmet as an engineering device rather than a dust preventative device; also one regarding labeling as to what action various companies have taken. The legal aspects not only apply to protection of various companies in relationship to the products which they produce and ship but also have an effect on third party liability suits. The Institute itself, he stated, does not take an active interest in this litigation, but it is aware of the problems in the Silica and Coal Tar Pitch field, as well as others that are coming before the committees. He mentioned the problem with OSHA inspections and noted that the Cast Metals Federation, an association, had decided that instead of cooperating with OSHA inspections; they are insisting now on inspectors having search warrants in every instance. He said as yet The Institute had not decided what to recommend, if anything, to its members. Mr. Clark stated we will cooperate, but only under the full and complete guidance of counsel and in accordance with strict judicial principals. He mentioned the OSHA-MSHA Agreement and the continued difficulty in defining whether OSHA or MSHA had jurisdiction in several areas of refractory operations. He noted that the committee reports highlighted these problems further.

COUNSEL REPORT (cont'd.)

Chairman Caito thanked Mr. Clark for his report, and he assured the membership that the review Mr. Clark gave all our actions was desirable from every standpoint in order that our work could be done effectively without any legal complications to The Institute itself or its membership.

FOUNDATION IN REFRACTORIES EDUCATION REPORT

Mr. Ralph Lawrence, Chairman of the F.I.R.E. Foundation announced that the F.I.R.E. Trustees had met and elected Trustees and Officers of the Foundation. Under the By-Laws, there are five (5) Trustees of the Foundation. These are: the past Chairman of The Refractories Institute who becomes Chairman of F.I.R.E., Mr. A. M. Caito; the current Chairman of The Institute, R. W. Schaefer; the current Vice Chairman of The Institute, D. R. DeVaux; the President of The Institute, Mr. Paul A. Crouch; and the Chairman of the Technical Advisory Committee, J. A. Crookston. In addition to these designated members, there were to be elected three (3) members to make a total of eight (8) Trustees. The Trustees elected Mr. Howard Nelson of Kaiser Refractories; William Raleigh of Didier-Taylor; and R. B. McNamara of Norton to be these added Trustees. Mr. Lawrence announced the newly elected President of F.I.R.E. was Paul A. Crouch and the Secretary-Treasurer, Bradford S. Tucker.

Mr. Lawrence advised the membership that all scholarships had been awarded to various colleges of ceramic engineering courses throughout the United States, and we currently have thirty-three (33) scholarships awarded of \$500.00 each and one (1) \$6,000.00 Fellowship at the University of Missouri. He mentioned this was the first year the first of the ceramic students were graduating who were supported by the F.I.R.E. Foundation, and he suggested that since the Foundation and The Institute was supporting the students in getting their education; they also should be supported when they come out of college looking for jobs. He urged the membership in their search for new college graduates to contact the various schools and request a reference concerning the F.I.R.E. scholars.

Chairman Caito thanked Mr. Lawrence for his remarks. He then called upon Mr. Howard Nelson to introduce the morning's speaker.

Mr. Howard Nelson remarked we were very fortunate to have with us Mr. Robert T. Monagan, President of California Manufacturers Association, to speak to us and to field our questions after his presentation. He announced that Mr. Monagan's topic would be "Whose Government Is It Anyway?" Mr. Monagan took the floor and thanked The Institute for its invitation, noting it was an honor for him to speak. His remarks are recorded in the pamphlet enclosed with these minutes. At the conclusion of his presentation, Mr. Monagan received an enthusiastic response from the audience. Chairman Caito then announced the meeting would recess until the following morning at 9:00 A.M.

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FRIDAY - JUNE 22, 1979

Chairman Caito called the meeting to order at 9:00 A.M. and thanked all of the members for assembling so promptly.

COMMITTEE REPORTS

Chairman Caito remarked that all of The Institute's standing committees continued to increase their activities during the past six (6) months and also, more of our member companies were requesting representation on these committees. He said in past years the officers sought out companies who were willing to allow their personnel to devote time to The Institute activities, but he was pleased to report positions on our committees are now being requested frequently. He said as committee personnel are moved in their company responsibility to different fields, he received prompt requests they be replaced by someone else. He stated The Institute's policy was to encourage the widest possible representation on every committee. He appealed to each of the Official Representatives present to keep our activities in mind and to seek The Institute's committee membership for their employees.

Chairman Caito announced the following committee appointments: Frank E. Morris, BMI, to the Energy Committee; R. F. Krueger, Kaiser Refractories, to the Packaging and Shipping Committee; I. W. Gower, C-E Minerals, to the Technical Advisory Committee; Donald J. Griffin, Didier-Taylor Refractories, to the Metrication Committee; and E. L. Barrett, Didier-Taylor Refractories, to the Energy Committee. He further announced the Chairman of the 1980 Factory Operators Committee would be Mr. Ray Chesnut of Babcock & Wilcox Company, Refractories Division, Augusta, Georgia.

Chairman Caito continued by remarking that The Institute's standing committees are the workhorses of our organization. He said President Paul Crouch was more than aware of this vital part of The Institute. In fact, Mr. Caito remarked, Mr. Crouch had led the Executive Committee and the Board to enlarge their concept in this regard. He then called on Mr. Crouch to explain his concepts of several changes.

Mr. Crouch called attention to the organizational charts which were available, and he pointed out that a Government Relations Committee had been added to the organizational chart, which would be primarily composed of members from the Executive Committee. He stated he envisioned this committee would actively seek contacts within various Federal government agencies and maintain these contacts so that in the event of problems arising, either through new or existing regulations, we would have an audience with whatever level of government it was necessary to contact to see that our viewpoints were considered.

Mr. Crouch then called the members' attention to the creation of a Safety Committee within the Internal Affairs group of committees. He remarked that as he observed our operation, he noted that our Safety and Health Committee was primarily engaged in the interpretation of various OSHA or MSHA rules and regulations rather than devoting time to actually encouraging the safety and health of our individual workers. He pointed out our true interest lies in the safety of each and every

COMMITTEE REPORTS (cont'd.)

the membership to think in this direction regardless of regulations. He continued along with this theme, noting that it was most desirable to pass down to our First-Line Supervisors, their responsibilities in seeing their work crews were safety conscious on their own level and in the framework of their day to day duties. He said he envisioned this committee would devote their efforts to, ~~instilling~~ instilling in each individual worker that a safety record was his and not the company's.

Mr. Crouch then explained with the new personnel who will join The Institute, he envisioned a more active role by The Institute office in encouraging committee activity and also providing committee chairmen with the necessary information, guidance, and also cooperation, in meeting their goals of service to the membership and more especially, the dissemination of information to the membership. He remarked he was pleased with the concept of a Coordinator of Committee Activities which came from the Executive Committee, stating he was aware this was a stimulation to committee chairmen they did have the attention and approval of the Board of Directors via the Executive Committee, which assured them of support in the work they were doing and the approval and guidance so often needed for their ideas.

Mr. Crouch then called upon Mr. Eric Charlton, a member of the Executive Committee, who is presently the Coordinator of the Governmental Affairs committees. Mr. Charlton reviewed the written reports of these committees and urged the membership to review them in further detail and any comments they had on the activities as reported should be sent to The Institute office where they would be acted upon, and he would be advised of these actions.

Mr. Robert Schaefer then reviewed the activities and reports of the Internal Related committees and followed along the same lines in his comments as Eric Charlton proposed.

Mr. Crouch thanked Mr. Charlton and Mr. Schaefer for their review of their committee reports and assured the membership that the objectives of The Institute staff would be to stimulate committee activity and provide them with as much information and cooperation as possible.

Mr. Crouch then called upon Mr. Howard Nelson to introduce the guest speaker. Mr. Howard Nelson introduced the Honorable Lawrence Kapiloff of the California House of Representatives, remarking that Mr. Kapiloff was a very effective legislator and that although his ideas may not exactly coincide with many of those present, he knew from past experience that his remarks would be most stimulating. He gave the topic of Mr. Kapiloff's speech as being, "The Moral, Social, and Political Role of Business in Society". Mr. Kapiloff gave a most interesting presentation which is set forth in the pamphlet attached to the minutes. At the conclusion of Mr. Kapiloff's speech, the members applauded his presentation.

Chairman Caito again assumed the chair and inquired if there was further business to come before the meeting. There being none, Chairman Caito reminded the members that the annual banquet and reception would be held at 6:00 P.M., and he declared the Annual Spring Meeting of The Refractories Institute was recessed until that time.

ANNUAL BANQUET PROGRAM

The annual banquet was held as scheduled, and Mr. A. M. Caito, the outgoing Chairman, took the opportunity to thank the membership for their cooperation during his term in office, and he expressed his appreciation for the honor of serving as Chairman during the past two (2) years. He further remarked ~~that~~ during his Chairmanship, he had become more and more convinced of the vital role that The Institute had the opportunity of playing, in offering vital services to the membership, and he felt the restructuring of The Institute staff would accomplish needed objectives. He then called on Mr. R. W. Schaefer to assume his role as Chairman.

Mr. Schaefer complimented Mr. Caito on the superior job he had done as Chairman, and he presented Mr. Caito with a fine camera on behalf of The Institute membership in appreciation for the time he had devoted to the affairs of The Institute. The membership showed their appreciation of Mr. Caito's service with a standing ovation. Mr. Schaefer then remarked he was hopeful of continuing the fine work Mr. Caito had inspired in The Institute, and he then adjourned the meeting.

THE REFRACTORIES INSTITUTE
MEMBERSHIP MEETING

JUNE 21 AND 22, 1979
CARLSBAD, CALIFORNIA

F I N A N C I A L R E P O R T S
C O M M I T T E E R E P O R T S

Mr. WILLIAM ~~F.~~ PORTER, TREASURER

Mr. ERIC CHARLTON, COORDINATOR
GOVERNMENT RELATED ACTIVITIES

Mr. R. W. SCHAEFER, COORDINATOR
INTERNAL RELATED ACTIVITIES



THE REFRACTORIES INSTITUTE

1102 ONE OLIVER PLAZA

PITTSBURGH, PA. 15222

412-281-6787

STATEMENT OF INCOME, EXPENSES, AND CHANGES IN FUND BALANCE

March 31, 1979 - End of Fiscal Year - Audited

Details Attached		Annual Budget
		April 1, 1978
		to
		March 31, 1979
Current	Year to	
Month	Date	
<u>INCOME</u>		
310 Members' Dues	\$383,022.50	\$375,560.00
330 Interest Income	23,983.70	14,500.00
340 Sale of Publications	22,500.89	10,500.00
350 Income from Meetings	11,617.50	8,200.00
360 Miscellaneous	181.65	-
372 Advertising Revenue	-	-
375 Exhibits	-	-
380 Grants Received	-	-
TOTAL INCOME	\$441,306.24	\$408,760.00
<u>EXPENSES</u>		
Depreciation	836.02	
A Staff Payroll and Related Costs	\$ 97,462.47	\$129,560.00
B Office Expense	34,368.75	36,900.00
C Institute Activities	38,118.92	44,200.00
D Publications and Dues	24,201.36	27,600.00
E Professional Services	130,523.17	69,600.00
F Grants	55,265.29	63,700.00
TOTAL EXPENSES	\$379,939.96	\$371,560.00
Excess or (Deficit) of Receipts vs. Expenses	\$60,530.26	
Fund Balance Beginning of Period	\$274,892.07	
Fund Balance End of Period	\$335,422.33	

THE REFRACTORIES INSTITUTE
STATEMENT OF INCOME, EXPENSE, AND FUND BALANCE
YEARS ENDED MARCH 31, 1979 AND 1978
(Main Lafrentz & Co. Audit)

	<u>1979</u>	<u>1978</u>
Income		
Members' dues	\$383,022.50	\$311,730.00
Interest income	23,983.70	19,582.66
Sale of publications	22,500.89	3,880.14
Factory Operators' Meeting registration	11,617.50	6,335.00
Miscellaneous	<u>181.65</u>	<u>150.57</u>
	441,306.24	341,678.37
Expense		
Staff payroll and related expenses		
Salaries and temporary help	88,116.43	106,336.21
Payroll taxes	2,836.68	4,431.24
Retirement benefits	3,170.58	2,570.58
Insurance benefits	<u>3,338.78</u>	<u>3,327.11</u>
	97,462.47	116,665.14
Office expenses		
Stationery and supplies	5,325.49	6,002.35
Office equipment maintenance and rental	855.97	760.47
Other office expense	909.96	1,651.18
Postage	8,022.56	5,164.83
Rent	13,930.03	12,903.87
Telephone	4,188.74	5,414.14
Insurance and taxes	<u>1,144.65</u>	<u>801.52</u>
	34,377.40	32,698.36
Institute activities		
Staff expenses	7,860.71	11,182.84
Meetings	<u>30,258.21</u>	<u>24,913.38</u>
	38,118.92	36,096.22

(continued)

THE REFRACTORIES INSTITUTE

STATEMENT OF INCOME, EXPENSE, AND FUND BALANCE
(continued)

YEARS ENDED MARCH 31, 1979 AND 1978

Main Lafrentz & Co. Audit)

	<u>1979</u>	<u>1978</u>
Expense (continued)		
Publications		
Printing	\$ 10,634.05	\$ 10,157.55
Census Bureau statistics	9,560.00	9,073.75
Dues and subscriptions	<u>3,998.66</u>	<u>3,268.75</u>
	24,192.71	22,500.05
Professional services		
Auditing and accounting	3,750.00	3,847.00
Legal	70,945.35	38,735.00
Reimbursed expenses	11,769.75	19,579.83
Special surveys and projects		
Impact study, silica	14,147.91	79,200.00
Others	<u>29,910.16</u>	<u>30,749.52</u>
	130,523.17	172,111.35
Grants		
Ohio State University Testing and Research Programs	31,796.54	60,983.00
Contest awards	468.75	
Foundation in Refractories Education (FIRE)	<u>23,000.00</u>	<u>20,000.00</u>
	<u>55,265.29</u>	<u>80,983.00</u>
	<u>379,939.96</u>	<u>461,054.12</u>
Excess of income over expense (expense over income) before depreciation	61,366.28	(119,375.75)
Depreciation	<u>936.02</u>	<u>315.40</u>
Excess of income over expense (expense over income)	60,530.26	(119,691.15)
Fund balance		
Beginning of year	<u>274,892.07</u>	<u>394,583.22</u>
End of year	<u>\$335,422.33</u>	<u>\$274,892.07</u>

ENERGY COMMITTEE REPORT TO THE MEMBERSHIP

JUNE 21 AND 22, 1979

M. R. VEATER, CHAIRMAN

Since last May our activities have been in a holding pattern, based on the Federal Government's lack of direction.

The Institute's energy program has consisted of submitting a six (6) month energy report for 1978 and the recent annual report for 1978. This is a continuation of our Institute's voluntary reporting program, which currently meets the "Criteria for Establishment of Voluntary Reporting Programs".

Each active member company and other refractory producers have already received the composite results which had been forwarded to the DOE. The results which you have are certainly in line with our current goals.

Unless there is a change in the program, we will be asking for a six (6) month report for your 1979 energy useage late this summer.

At the Fall Membership Meeting held in Pittsburgh, the committee asked that the members continually monitor both Federal and State proposed regulations, noting any changes that could possibly affect not only their own plants, but the operations of other members.

Some of the regulations pertaining to incremental pricing will become effective in November 1979 and six (6) months later additional regulations, if not delayed by objections. Currently the government has decided not to allow utilities to pass along the high cost gas in the lines to residential users.

The present plan is for the high cost natural gas to go into a so-called incremental pricing account from which a benchmark price will be set at a level below the price of alternate fuels. The cost to industry will be a surcharge that will be back billed or retroactive possibly six (6) months.

In addition to monitoring regulations on incremental pricing, follow the DOE's program of possible federal subsidies to utilities to promote and increase "wheeling" to coal fired power to replace oil fired electrical generation.

The Energy Committee does not see any immediate need to schedule a meeting. The committee does recommend that your energy markets should be monitored frequently with close attention paid to DOE action, and if any member is of the opinion that a situation is developing that would necessitate a meeting, please advise.

Respectfully submitted,

Martin R. Veater
Chairman

ENVIRONMENTAL PROTECTION COMMITTEE REPORT TO THE MEMBERSHIP
JUNE 21-22-1979
R. E. BESALKE, CHAIRMAN

The subcommittees are functioning well in their respective areas of responsibility.

Ranking the subcommittees by most regulatory activity: Air, waste management and water.

Air Subcommittee

Reviewed the Federal Clean Air Scientific Advisory Committee's draft: "Air Quality Criteria for Particulate Material and for Sulfur Oxides".

Reviewed and distributed notice of availability of various State Implementation Plans (SIP's).

Reviewed proposed Nonmetallic Mineral Processing Plants - standard of performance of New Stationary Sources. Full committee members met with EPA in North Carolina and pointed out areas of concern of the proposed impact on the refractory industry.

Waste Management

Reviewed proposed guidelines and regulations on identification and listing of incompatible waste.

Distributed listing of Approved PCB Disposal Facilities.

Reviewed proposed testing methods of hazardous wastes. Of special interest is the leachate extraction from waste materials such as basic brick.

Commented to EPA on proposed Resource Conservation and Recovery Act (RCRA) regulations.

Reviewed draft report: "Steel Industry Solid Waste Environmental and Resource Conservation Considerations" for possible impact on refractory industry.

Reviewed "Cost Impact of RCRA on Disposal of Nonhazardous Wastes from Mining" for possible comment.

Water

Reviewed and distributed literature regarding hazardous substances (discharged or spilled).

Respectfully submitted,

R. E. Besalke
Chairman

ENERGY COMMITTEE REPORT TO THE MEMBERSHIP
JUNE 21 AND 22, 1979
M. R. VEATER, CHAIRMAN

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Respectfully submitted,

Martin R. Veater
Chairman

FACTORY OPERATORS COMMITTEE REPORT TO THE MEMBERSHIP

JUNE 21-22-1979

R. K. LONGFRITZ, COMMITTEE CHAIRMAN

The 1979 Factory Operators Meeting of The Refractories Institute was held at the Hilton Inn in Greensboro, North Carolina on May 8-9-10, 1979. The theme of the meeting was "Productivity Motivation".

Mr. Meyers Hand from the American Productivity Center, Houston, Texas was the keynote speaker and spoke on the subject "Keys to Productivity, Responsibility and Recognition". Mr. Hand gave a slide presentation with some very interesting comments. Time was available for questions and answers upon the conclusion of his talk.

Wednesday, May 9th, was tour day. The group was split into two groups, each visiting the North State Pyrophyllite Company, Inc., Greensboro, North Carolina, and the Piedmont Minerals Company, Inc., Hillsboro, North Carolina, both subsidiaries of Resco Products, Inc. Lunch for both groups was provided at the Colonial Inn in Hillsboro. Upon returning to the hotel, a panel of experts from the host companies was available for a discussion of the plant and mine tours.

We had the honor of having Norman Sloan, Coach of the North Carolina State University basketball team, address the banquet on Wednesday evening, May 9th. He fascinated the entire group with his stories and insights into college basketball.

Thursday, May 10th, was the Conference Day and our speaker was Dr. Charles Scheips who spoke to the group on the subject "Management Communications that Motivate Productivity". Dr. Scheips presented the group with a most informative and comprehensive discussion on the subject.

The meeting was well attended and successful, and a great deal of thanks go to Brad Tucker and the Committee for their contribution.

Respectfully submitted,

R. K. Longfritz
Chairman

INDUSTRIAL RELATIONS COMMITTEE REPORT TO THE MEMBERSHIP

JUNE 21 AND 22, -1979

J. M. MULVANEY, CHAIRMAN

The committee met in April of this year in Pittsburgh. The first item covered at the meeting was a review of the three-day Supervisory Training Course, which the committee had sponsored in March. The comments of the attendees were read and discussed. The committee decided to continue its support of the course, but that some minor changes were necessary for future programs, specifically that those attending in the future had to be first-line foremen or forewomen, and that the trainer would receive more indoctrination by refractory operators prior to the next session.

The second training session commenced on June 11 through June 13 in the Pittsburgh area. Reaction of the participants and sponsors will again be reviewed by the committee at its Fall Meeting to determine the future course of action in this area.

Also at the meeting, a program on "How to Price a Labor Agreement" under Wage and Price Guidelines was presented by John Snyder of Harbison-Walker. A step-by-step approach was presented with explanations of the various definitions used by the Council on Wage and Price Stability.

A new simplified format for reporting wages and vacations on the Wage and Benefit Survey was agreed upon and a revised survey reporting form will be sent to all participants shortly.

A number of the ^{twenty} members present presented data on labor settlements they had recently negotiated in the industry.

Respectfully submitted,

J. M. Mulvaney
Chairman

THE REFRACTORIES INSTITUTE

METRICATION COMMITTEE REPORT TO THE MEMBERSHIP
JUNE 21 AND 22, 1979
JACOB J. WALTER, CHAIRMAN

The activity of our Metrication Committee is paralleling the metric activity in the U. S. refractories market - nothing noticeable is happening. I have checked with a couple of our committee members and they concur there is nothing evident that requires our attention or concern.

Respectfully submitted,

Jacob J. Walter
Chairman

PACKAGING AND SHIPPING COMMITTEE REPORT TO THE MEMBERSHIP

JUNE 21-22-1979

J. B. POLSON, COMMITTEE CHAIRMAN

We are indeed pleased to report that our project of some three years duration has been successfully concluded in the recent release of the 7th Edition of The Institute's Manual for Palletizing and Loading of Refractory Products. We learned at a meeting of the committee in Greensboro on May 8th that sales have been brisk, and that acceptance and application are good, some companies beginning to institute in-plant training sessions using the new manual as a basis.

The Executive Secretary has placed copies of the manual in the hands of the Association of American Railroads and has asked for a statement of acceptance from that organization.

The committee will send a representative to a June 5-7 seminar by American Management Association covering all phases of shrink and stretch film protection. The very latest in materials, equipment and methods of application are to be covered. Our findings will be reported to the membership.

Wood pallets are reported to be a problem again in some areas, availability is spotty, prices are substantially up and the quality of materials is down. A number of complaints have been reported by member companies where runners collapsed under load. This was either the result of soft lumber and/or the use of improper nails. Staples have generally been found unacceptable in pallet construction. The committee urges the membership to inspect incoming shipments of new pallets and insist on rigid quality standards.

Shipping personnel of member companies continue to meet with increasing resistance by drivers to tarp truck loaded materials. We are advised that there currently is before the Interstate Commerce Commission a proposed \$18.00 surcharge for tarping a load.

Our committee has received numerous questions from member companies relative to the necessity of marking outbound containers which may contain certain chemicals or questionable ingredients. We will be working with the Labeling Sub Committee of the Toxic Substances Committee in answering your people's concerns in this area.

Respectfully submitted,

J. B. Polson
Chairman

SAFETY AND HEALTH COMMITTEE REPORT TO THE MEMBERSHIP

JUNE 21-22-1979

GEORGE E. HARRIS, CHAIRMAN

The Safety and Health Committee met on December 14, 1978 in Philadelphia, PA and May 7-8, 1979 in Greensboro, NC. A Subcommittee Meeting was held on April 2, 1979 at Chicago, IL.

Occupational Safety and Health

The chairman and counsel submitted written comments and verbal testimony to the Department of Labor-OSHA hearings concerning the proposed rule on access to exposure and medical records by employees on January 5, 1979. At the present time no employee exposure or medical records may be destroyed, but no further action has been taken concerning medical record access by employees.

Medical surveillance has been under discussion for over a year. A presentation was made at the Membership Meeting in May 1978 and to the committee in December 1978. A subcommittee was formed to recommend a position for The Refractories Institute. The subcommittee met and recommended The Refractories Institute place a medical consultant on retainer. A proposal has been submitted for consideration.

There has also been a continuing concern about the proposed crystalline silica standard and the tension between health and economic realities in the reduction of respirable dust exposure to employees. The committee has proposed The Refractories Institute contract for a study to establish cost effective limits to respirable dust level engineering as well as acceptance of a personal engineering control device, i.e. Racal Airstream or similar product.

Other recommendations include the compilation of accident and illness statistics of member companies on an annual basis and the creation of a periodic health and safety newsletter.

Mine Safety and Health

Training modules were sent to all member companies who reported mine identification numbers to The Refractories Institute. Two workshops were held at Pittsburgh, PA and St. Charles, MO to inform plant management of the new MSHA training requirements and to develop position criteria for complying and/or challenging proposed MSHA requirements.

C. Shaw of General Refractories and the chairman drafted a request to MSHA for a stay from the training requirements for refractory plants under MSHA jurisdiction pending the result of the MSHA-OSHA jurisdictional agreement. The stay was granted.

The MSHA-OSHA jurisdictional agreement included the language changes and additions submitted by The Refractories Institute.

Other Business

Rod Ewart, Kaiser Refractories, represented the committee to the Toxic Substances Subcommittee on Labeling. Although no specific action has been taken by the subcommittee on labeling, the Safety and Health Committee respectfully recommends member companies examine their labeling policy.

The committee held an Open House during the registration period of the Factory Operators Meeting. With the increased interest in safety and health issues, it is recommended that the committee be given a part of the Factory Operators Meeting to present issues of interest to plant managers and engineers.

The chairman has been an active participant of the OSHA Grant Steering Committee.

There has been considerable activity within the Safety and Health Committee, and thanks should be given to the member companies who allow representation on the committee and support the time and energy needed to accomplish The Refractories Institute objectives. Thanks should also be given to Pete Fulton and Brad Tucker who have supported our committee efforts and have provided logistical and administrative support.

Respectfully submitted,

George E. Harris
Chairman

TECHNICAL ADVISORY COMMITTEE REPORT TO THE MEMBERSHIP

JUNE 21-22-1979

J. A. CROOKSTON, COMMITTEE CHAIRMAN

The Technical Advisory Committee met at Clemson University on ~~March 13, 1979~~, with fourteen of the nineteen members and H. Fulton, Jr., TRI counsel, present.

ISO Affairs

Otto Forchheimer reported that the next meeting of the refractories committee of ISO (TC33) will be held in July 1979, and two representatives will attend to represent American interest - Fitzpatrick (A. P. Green) and Hicks (formerly Kaiser). Their expenses will be underwritten by TRI.

A standard for modular brick sizes was submitted to ISO, and although Britain objected to it, support was received from others, including Australia and Holland.

A letter to Ken Baab from Professor Majdic, Chairman of the technical committee of PRE, suggesting a cooperative undertaking between C-8 and his committee was discussed. The suggestion was to have C-8 and PRE discuss ways of doing preliminary work on standards prior to introduction to ISO in order to more effectively promote mutually acceptable standards. It was the consensus of TAC that we should encourage this offer of cooperation by PRE, and it was agreed that TAC would recommend to C-8 through Forchheimer that a three man group be formed to work out a plan of action. The group would be composed of a representative from PRE (preferably Professor Majdic), one from ASTM (Forchheimer), and one from TAC (Trostel).

Forchheimer reported he will require a replacement soon as Chairman of the C-8 International Standards Subcommittee, and it was agreed TAC would recommend Trostel for this assignment.

ASTM Affairs

The suggestion by Gil Robinson for a new alkali test method was discussed, and it was agreed he should submit his proposal directly to ASTM rather than through TAC.

RRC Affairs

The suggested RRC budget was accepted, except for the requested \$15,000 to rebuild the Harrop load test furnace for use as a creep furnace. It was suggested that RRC consider alternative solutions to their need for this capability.

It was agreed that C. Semler would be invited to the Fall TAC meeting to report on the progress of RRC.

F.I.R.E. Affairs

The listing of ceramic schools by the Ceramic Educational Council was discussed. It was decided to appoint a new subcommittee to review the Fellowship and Scholarship policy, including funding levels, and the proper recipients of this assistance. This subcommittee is comprised of Wayne Fay, Chairman; Jack Holt; and Bob Grady.

Census Report

Don Stock reported that the Bureau of Census had now incorporated all of the changes suggested in the 1979 instructions. The Census Subcommittee will now review the changes which had been suggested over the past several years and which had been held in abeyance pending clarification of the reported policy of the Census Bureau to completely review the MQ32C report when changes were requested. This is not their policy so changes can be recommended once again.

New Business

A new chapter on Refractories will be written by W. Timothy Adams for the upcoming Bureau of Mines Minerals Yearbook.

The next meeting will be held October 2, 1979 at Pennsylvania State University.

Respectfully submitted,

J. A. Crookston
Chairman

6-20-79

THE REFRACTORIES INSTITUTE

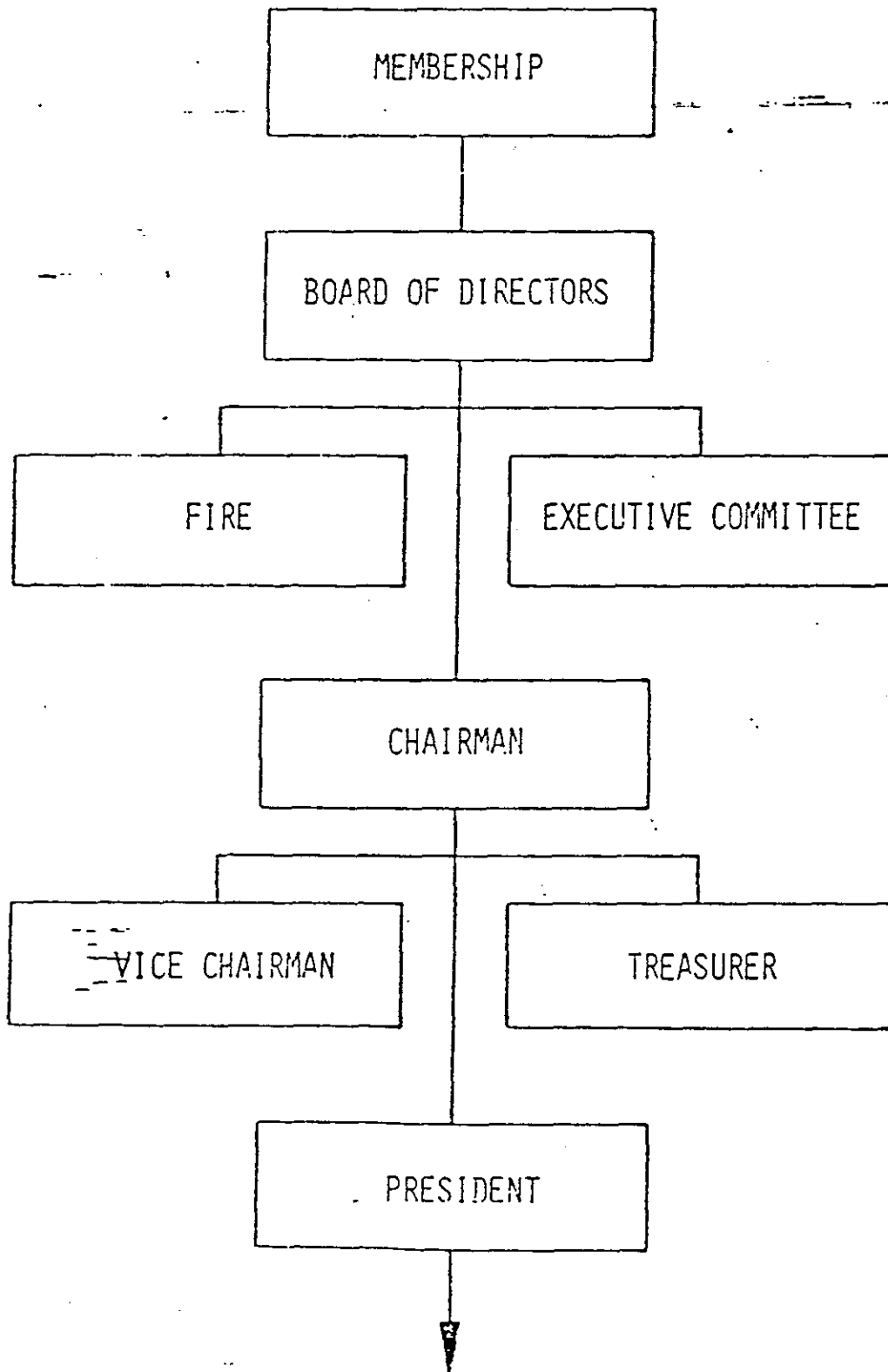
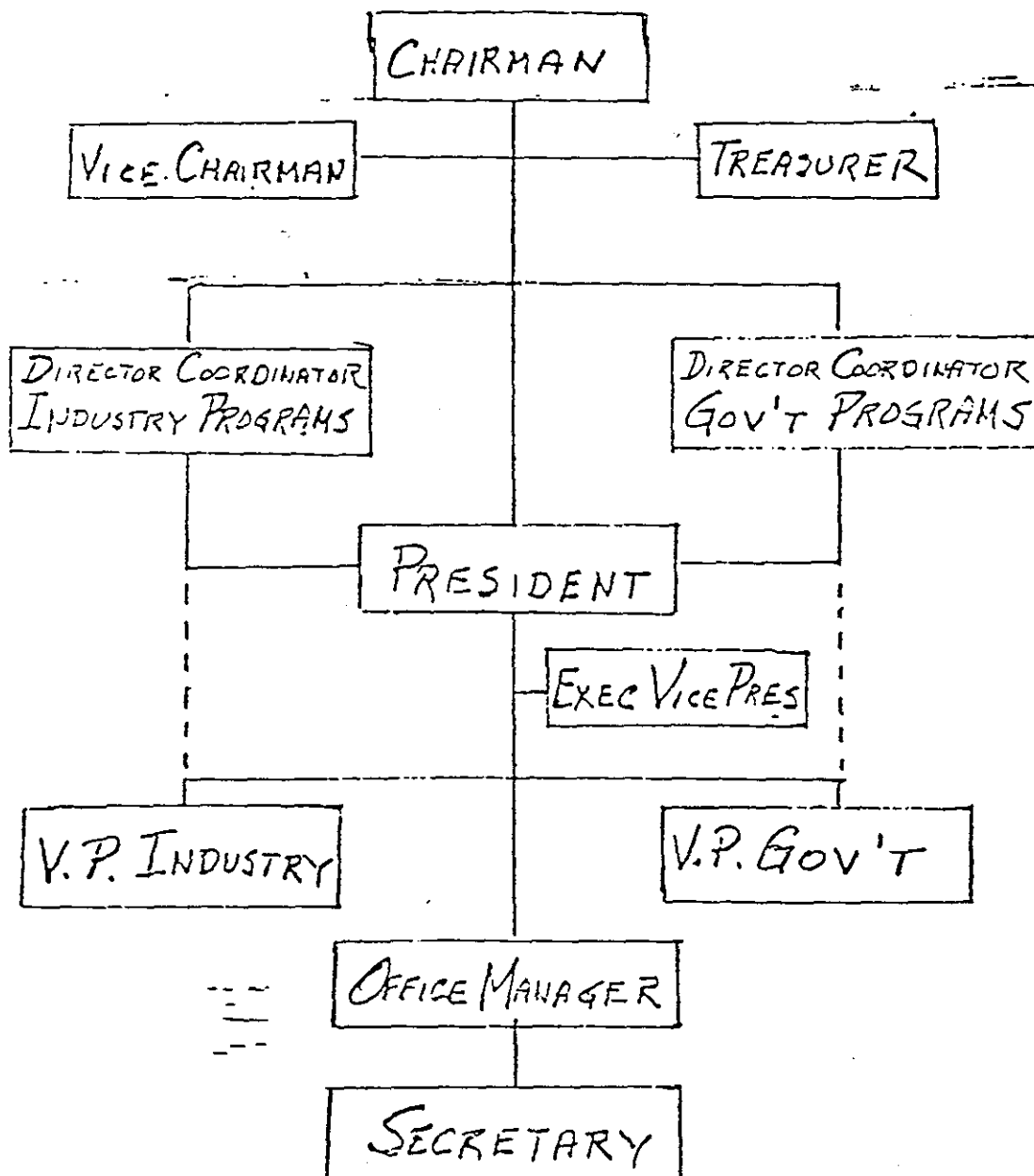
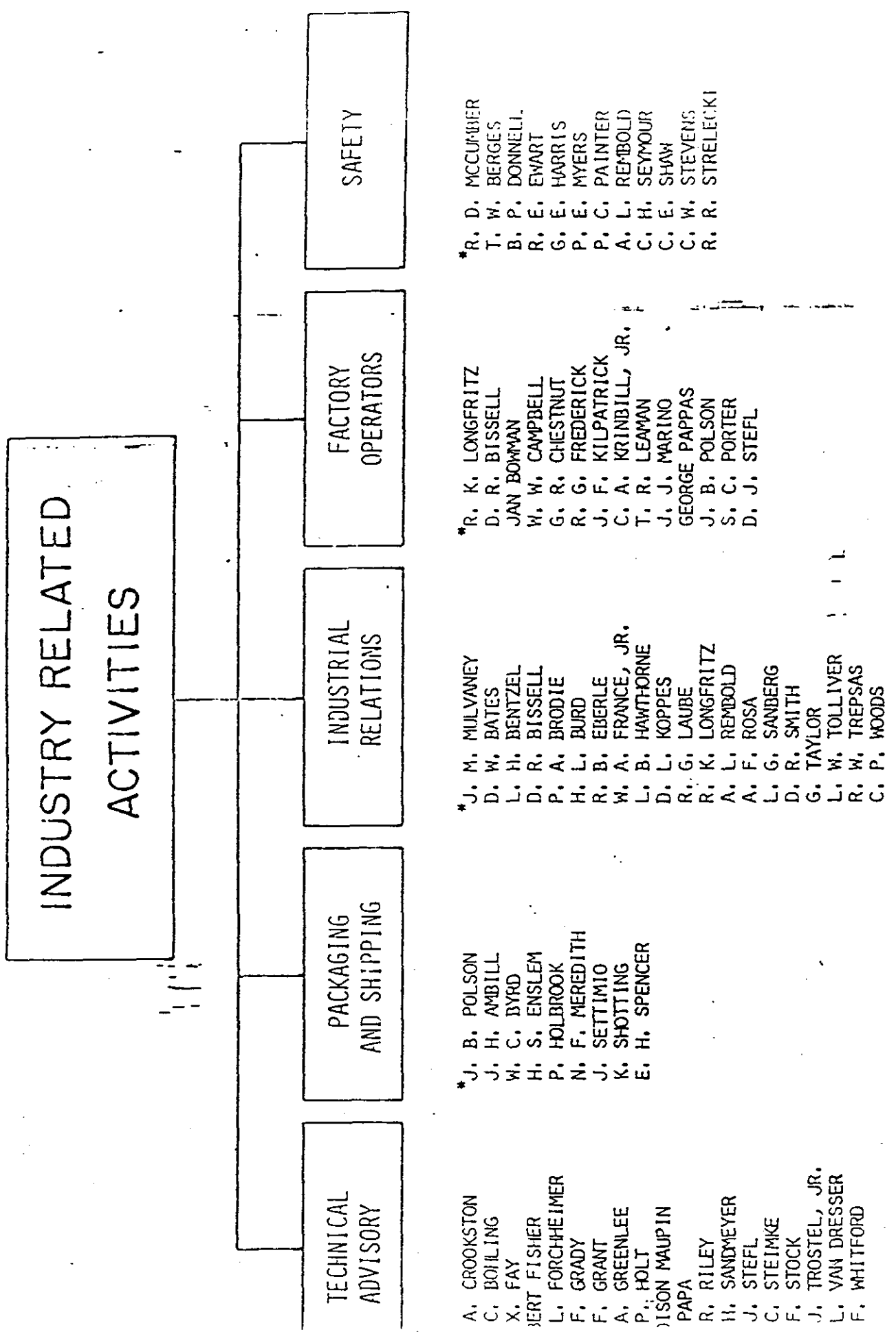


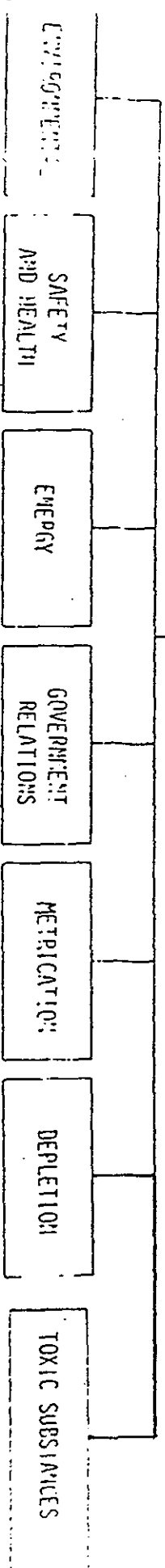
CHART II

- JULY 10, 1979

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SPRING MEMBERSHIP MEETING
THE REFRACTORIES INSTITUTE

La Costa Resort Hotel & Spa
Carlsbad, California

June 21 and 22, 1979

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SPRING MEMBERSHIP MEETING

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A T T E N D A N C E

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SPRING MEMBERSHIP MEETING

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SPRING MEMBERSHIP MEETING

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A T T E N D A N C E

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Mr. & Mrs. H. W. Fulton, Jr. (Pete & Janie)

The Refractories Institute Staff

Mr. & Mrs. P. A. Crouch (Paul & Barbara) - TRI President
Mr. & Mrs. B. S. Tucker (Brad & Betty) - TRI Executive Vice President

Guest Speakers

Honorable Lawrence Kapiloff - California House of Representatives
Mr. R. T. Monagan (Bob) - California Manufacturers Association

The Ohio State University

Dr. & Mrs. C. E. Semler (Charlie & Darlene)- Refractories Research Center

Brick and Clay Record

Mr. J. J. Svec (Jerry)